

# **CRESTONE PEAK RESOURCES**

**WELD COUNTY  
SEC 25-T4N-R65W  
SHELTON 25W-25-05**

**OWB  
PROPOSAL 1**

## **Anticollision Report**

**28 September, 2022**



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PROPOSAL 1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 100.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.00 usft	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	9/28/2022			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	20,539.70	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard	

<b>Summary</b>						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 25-T4N-R65W						
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,194.41	6,790.52	2,028.59	1,935.36	21.758	CC
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,200.00	6,790.52	2,028.60	1,935.29	21.741	ES
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,500.00	6,790.34	2,051.48	1,955.01	21.264	SF
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,204.74	6,726.50	1,823.64	1,754.51	26.380	CC, ES
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,500.00	6,725.86	1,847.39	1,775.79	25.802	SF
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,331.13	6,847.22	3,017.96	2,920.43	30.942	CC
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,400.00	6,851.18	3,018.75	2,920.01	30.573	ES
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	10,200.00	6,896.78	3,140.10	3,030.74	28.716	SF
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	8,134.61	6,834.58	3,023.79	2,955.35	44.185	CC
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	8,200.00	6,835.88	3,024.50	2,955.06	43.559	ES
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	9,300.00	6,863.99	3,240.48	3,157.65	39.125	SF
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	4,925.38	4,603.95	1,782.48	1,669.74	15.811	CC
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	5,200.00	4,847.38	1,785.92	1,666.73	14.984	ES
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	7,000.00	6,506.12	1,970.90	1,811.25	12.345	SF
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	8,663.16	6,764.95	2,525.82	2,445.72	31.530	CC
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	8,700.00	6,766.56	2,526.09	2,445.43	31.319	ES
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	9,300.00	6,796.69	2,604.65	2,516.90	29.684	SF
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	535.67	525.78	1,680.62	1,678.51	796.955	CC, ES
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	7,600.00	6,893.74	3,743.02	3,703.61	94.991	SF
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	1,726.91	1,658.54	1,408.50	1,395.32	106.831	CC
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	1,800.00	1,727.69	1,408.73	1,394.76	100.830	ES
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	5,600.00	5,249.60	2,058.96	2,009.60	41.711	SF
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	100.00	74.42	400.61	400.40	1,869.692	CC, ES
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	2,100.00	2,012.43	610.01	600.33	63.019	SF
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,028.72	2,842.72	637.36	618.58	33.953	CC
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,100.00	2,909.65	637.91	618.56	32.965	ES
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,700.00	3,460.34	690.11	666.85	29.666	SF
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,996.56	3,730.85	117.87	90.91	4.372	CC
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	4,000.00	3,734.02	117.88	90.89	4.367	ES, SF
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	539.80	512.11	2,327.02	2,324.96	1,130.578	CC
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	600.00	570.19	2,327.17	2,324.87	1,011.713	ES
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	9,000.00	6,803.77	4,611.02	4,552.30	78.525	SF
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	0.00	0.00	2,050.93			
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	500.00	497.02	2,051.69	2,048.94	747.928	ES
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	7,100.00	10,176.97	2,213.38	2,110.35	21.482	SF
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	6,837.75	10,072.41	1,901.21	1,803.80	19.518	CC
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	6,900.00	10,084.38	1,902.18	1,803.55	19.285	ES

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 25-T4N-R65W						
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	7,100.00	10,120.23	1,938.18	1,836.19	19.004	SF
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,000.00	10,061.23	1,367.55	1,268.22	13.769	CC, ES
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,100.00	10,090.58	1,386.38	1,284.35	13.588	SF
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,000.00	6,416.23	1,759.68	1,686.24	23.962	CC, ES
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,400.00	6,501.56	1,849.34	1,770.29	23.395	SF
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,480.73	7,807.71	232.95	193.91	5.967	CC
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,500.00	7,805.72	234.05	191.53	5.504	ES
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,600.00	7,797.90	271.94	213.90	4.686	SF
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,445.98	6,436.00	1,599.62	1,527.56	22.197	CC
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,500.00	6,436.00	1,600.58	1,526.98	21.747	ES
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	8,100.00	6,436.00	1,729.95	1,640.22	19.279	SF
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,082.42	8,267.75	798.16	736.04	12.848	CC
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,100.00	8,262.11	798.61	735.77	12.709	ES
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,200.00	8,233.26	817.92	751.46	12.308	SF
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	4,085.67	3,811.94	1,233.78	1,206.02	44.435	CC
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	4,100.00	3,823.98	1,233.80	1,205.91	44.241	ES
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	5,700.00	5,312.99	1,384.54	1,345.86	35.791	SF
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	2,540.36	2,451.92	2,275.48	2,260.54	152.352	CC
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	2,600.00	2,502.52	2,275.65	2,260.22	147.462	ES
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	8,500.00	6,797.62	3,431.57	3,372.84	58.433	SF
EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO	5,933.08	5,496.81	189.31	146.05	4.376	CC, ES, SF
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,141.42	6,593.92	1,062.61	1,010.14	20.252	CC, ES
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,400.00	6,766.79	1,101.34	1,043.44	19.020	SF
SHELTON 25W-25-01 - OWB - PROPOSAL 1	100.00	100.00	89.98	89.71	334.676	CC, ES
SHELTON 25W-25-01 - OWB - PROPOSAL 1	20,539.70	20,882.81	1,318.40	529.91	1.672	SF
SHELTON 25W-25-02 - OWB - PROPOSAL 1	200.00	200.00	67.76	66.77	68.737	CC, ES
SHELTON 25W-25-02 - OWB - PROPOSAL 1	20,539.70	20,780.41	988.71	200.17	1.254	Level 3, SF
SHELTON 25W-25-03 - OWB - PROPOSAL 1	300.00	300.00	45.54	43.84	26.744	CC
SHELTON 25W-25-03 - OWB - PROPOSAL 1	20,539.70	20,688.63	659.75	-128.84	0.837	Level 1, ES, SF
SHELTON 25W-25-04 - OWB - PROPOSAL 1	400.00	400.00	22.59	20.17	9.335	CC
SHELTON 25W-25-04 - OWB - PROPOSAL 1	20,539.70	20,608.24	329.69	-458.93	0.418	Level 1, ES, SF
SHELTON 25W-25-06 - OWB - PROPOSAL 1	500.00	500.00	21.86	18.72	6.969	CC
SHELTON 25W-25-06 - OWB - PROPOSAL 1	20,539.70	20,483.70	329.69	-459.00	0.418	Level 1, ES, SF
SHELTON 25W-25-07 - OWB - PROPOSAL 1	500.00	501.00	44.45	41.30	14.154	CC
SHELTON 25W-25-07 - OWB - PROPOSAL 1	20,539.70	20,441.48	658.66	-130.09	0.835	Level 1, ES, SF
SHELTON 25W-25-08 - OWB - PROPOSAL 1	500.00	501.00	67.40	64.26	21.464	CC, ES
SHELTON 25W-25-08 - OWB - PROPOSAL 1	20,539.70	20,413.58	988.71	199.94	1.253	Level 3, SF
SHELTON 25W-25-09 - OWB - PROPOSAL 1	500.00	501.00	89.98	86.84	28.655	CC, ES
SHELTON 25W-25-09 - OWB - PROPOSAL 1	20,539.70	20,407.91	1,318.40	529.38	1.671	SF
SHELTON 25W-25-10 - OWB - PROPOSAL 1	500.00	502.00	111.84	108.70	35.575	CC, ES
SHELTON 25W-25-10 - OWB - PROPOSAL 1	20,539.70	20,397.93	1,648.09	859.47	2.090	SF
SHELTON 25W-25-11 - OWB - PROPOSAL 1	500.00	501.00	134.79	131.65	42.925	CC, ES
SHELTON 25W-25-11 - OWB - PROPOSAL 1	20,536.13	20,400.86	1,977.06	1,189.01	2.509	SF
SHELTON 25W-25-12 - OWB - PROPOSAL 1	500.00	501.00	157.38	154.24	50.118	CC, ES
SHELTON 25W-25-12 - OWB - PROPOSAL 1	20,539.70	20,415.30	2,307.14	1,519.66	2.930	SF
SHELTON 25W-25-13 - OWB - PROPOSAL 1	500.00	499.00	179.97	176.83	57.441	CC, ES
SHELTON 25W-25-13 - OWB - PROPOSAL 1	20,539.70	20,442.82	2,636.83	1,849.93	3.351	SF
SHELTON 25W-25-14 - OWB - PROPOSAL 1	400.00	399.00	201.82	199.41	83.533	CC, ES
SHELTON 25W-25-14 - OWB - PROPOSAL 1	20,533.54	20,500.14	2,966.49	2,179.88	3.771	SF
SHELTON 25W-25-15 - OWB - PROPOSAL 1	300.00	299.00	224.78	223.08	132.287	CC, ES
SHELTON 25W-25-15 - OWB - PROPOSAL 1	20,539.70	20,552.28	3,295.49	2,509.36	4.192	SF
SHELTON 25W-25-16 - OWB - PROPOSAL 1	100.00	100.00	247.36	247.09	920.063	CC, ES
SHELTON 25W-25-16 - OWB - PROPOSAL 1	20,539.70	20,616.38	3,625.19	2,839.56	4.614	SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



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<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 25-T4N-R65W						
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,078.58	6,772.26	787.44	720.82	11.819	CC
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,100.00	6,771.99	787.73	720.04	11.637	ES
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,300.00	6,769.45	817.98	742.29	10.807	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,000.00	6,766.90	415.76	347.63	6.102	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,078.08	6,764.74	408.37	341.77	6.132	CC, ES
SI VERT FREEDOM G 25-5 - OWB - Design #1	9,400.00	6,752.00	426.11	212.12	1.991	ES, SF
SI VERT FREEDOM G 25-5 - OWB - Design #1	9,408.40	6,752.00	426.03	212.27	1.993	CC
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,485.18	6,781.87	862.39	761.37	8.537	CC
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,500.00	6,781.97	862.52	760.75	8.475	ES
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,700.00	6,783.20	888.74	779.64	8.146	SF
SI VERT SHELTON 18-25XX GYRO - OWB - FINAL	8,694.26	6,786.05	100.40	-0.56	0.994	Level 1, CC, ES, SF
SI VERT SHELTON 18-25XX GYRO - STK - STK	8,849.62	6,777.87	112.01	9.44	1.092	Level 2, CC, ES, SF



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<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 26-T4N-R65W						
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,465.27	6,769.61	2,338.53	2,186.56	15.388	CC
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,500.00	6,769.28	2,338.79	2,186.26	15.333	ES
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,800.00	6,766.44	2,362.37	2,206.35	15.141	SF
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,383.33	6,703.01	1,809.75	1,606.79	8.917	CC
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,400.00	6,702.96	1,809.83	1,606.65	8.908	ES
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,500.00	6,702.68	1,813.51	1,609.33	8.882	SF
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,643.50	6,702.58	1,672.52	1,435.50	7.056	CC, ES
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,700.00	6,702.11	1,673.47	1,435.85	7.043	SF
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,444.03	6,696.12	3,128.01	2,923.53	15.297	CC
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,500.00	6,696.04	3,128.51	2,922.98	15.222	ES
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,900.00	6,695.49	3,161.07	2,949.89	14.969	SF
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,060.04	6,711.56	3,166.99	2,999.34	18.891	CC
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,100.00	6,711.22	3,167.24	2,998.84	18.808	ES
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,600.00	6,708.52	3,212.68	3,037.06	18.293	SF
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,684.91	6,752.71	3,072.85	2,941.32	23.363	CC
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,700.00	6,752.80	3,072.88	2,941.08	23.314	ES
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	11,400.00	6,757.07	3,154.95	3,013.58	22.317	SF
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	10,764.08	6,754.00	1,828.09	1,579.35	7.349	CC
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	10,800.00	6,754.00	1,828.44	1,579.24	7.337	ES
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	10,900.00	6,754.00	1,833.13	1,582.91	7.326	SF
ABND VERT DUPPER 2 - OWB - Design #1	14,745.11	6,704.00	851.59	497.72	2.407	CC
ABND VERT DUPPER 2 - OWB - Design #1	14,800.00	6,704.00	853.36	497.01	2.395	ES, SF
ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO	14,735.71	6,697.41	526.83	287.64	2.203	CC, ES, SF
ABND VERT DUPPER R G 26-6 - OWB - Design #1	13,400.00	6,709.00	487.58	169.12	1.531	SF
ABND VERT DUPPER R G 26-6 - OWB - Design #1	13,414.53	6,709.00	487.36	169.12	1.531	CC, ES
ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO	11,530.63	6,718.06	264.19	110.50	1.719	CC, ES, SF
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,088.54	6,827.41	3,723.15	3,475.04	15.006	CC
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,200.00	6,827.45	3,724.82	3,474.62	14.888	ES
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,700.00	6,827.61	3,773.02	3,515.94	14.676	SF
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	10,259.55	6,610.00	3,866.87	3,725.49	27.352	CC
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,300.00	16,713.60	3,944.04	3,289.87	6.029	ES
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,400.00	16,730.00	3,947.99	3,291.75	6.016	SF
EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO	14,064.26	6,711.24	84.74	-136.74	0.383	Level 1, CC, ES, SF
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,413.38	6,715.00	2,777.40	2,524.62	10.987	CC
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,500.00	6,715.00	2,778.75	2,524.47	10.928	ES
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,700.00	6,715.00	2,792.15	2,535.26	10.869	SF
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	14,928.81	6,723.00	3,321.18	2,962.04	9.248	CC
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,000.00	6,723.00	3,321.95	2,961.44	9.215	ES
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,300.00	6,723.00	3,341.86	2,976.82	9.155	SF
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,122.97	6,698.99	1,734.43	1,565.19	10.249	CC, ES
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,200.00	6,698.31	1,736.14	1,566.05	10.207	SF
EXIST VERT SHELTON R G 26-8 - OWB - Design #1	10,800.00	6,731.00	513.08	263.80	2.058	ES, SF
EXIST VERT SHELTON R G 26-8 - OWB - Design #1	10,800.23	6,731.00	513.08	263.80	2.058	CC
EXIST VERT SHELTON RG 26-7 - OWB - GYRO	12,172.70	6,712.94	532.41	361.70	3.119	CC, ES, SF
SI VERT DUPPER 1 - OWB - Design #1	13,612.27	6,704.00	808.77	485.31	2.500	CC, ES
SI VERT DUPPER 1 - OWB - Design #1	13,700.00	6,704.00	813.52	486.40	2.487	SF
SI VERT SHELTON R G 26-2 - OWB - Design #1	12,353.58	6,704.00	690.02	400.17	2.381	CC
SI VERT SHELTON R G 26-2 - OWB - Design #1	12,400.00	6,704.00	691.58	399.31	2.366	ES, SF
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,799.94	6,725.00	761.99	512.83	3.058	CC
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,800.00	6,725.00	761.99	512.82	3.058	ES
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,900.00	6,725.00	768.53	514.80	3.029	SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 27-T4N-R65W						
ABND VERT ANDERSON 12-27 - OWB - Design #1	20,190.09	6,769.00	600.89	98.85	1.197	Level 2, CC, ES, SF
ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO	16,816.10	6,726.41	314.32	19.12	1.065	Level 2, CC, ES, SF
ABND VERT BOHLENDER 1 - OWB - Design #1	20,027.58	6,759.00	251.47	-246.00	0.506	Level 1, CC, ES, SF
ABND VERT BOHLENDER 2 GYRO - OWB - GYRO	17,300.49	6,743.91	793.26	484.81	2.572	CC, ES
ABND VERT BOHLENDER 2 GYRO - OWB - GYRO	17,400.00	6,742.25	799.48	487.89	2.566	SF
ABND VERT DUPPER 3 - OWB - Design #1	15,959.21	6,713.00	428.30	41.59	1.108	Level 2, CC, ES, SF
ABND VERT KNAUB 22-27 GYRO - OWB - GYRO	18,572.75	6,729.17	432.37	89.49	1.261	Level 3, CC, ES, SF
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,373.35	6,717.74	1,888.21	1,577.96	6.086	CC
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,400.00	6,717.91	1,888.40	1,577.78	6.080	ES
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,500.00	6,718.55	1,892.45	1,581.01	6.076	SF
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,381.32	6,715.94	3,002.70	2,691.84	9.659	CC
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,400.00	6,715.75	3,002.76	2,691.55	9.648	ES
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,700.00	6,712.67	3,019.57	2,704.26	9.577	SF
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,585.59	6,729.55	966.32	623.16	2.816	CC
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,600.00	6,729.38	966.43	622.57	2.811	ES
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,700.00	6,728.17	973.07	626.47	2.807	SF
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,524.71	6,655.74	1,908.03	1,567.00	5.595	CC, ES
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,600.00	6,655.07	1,909.52	1,567.62	5.585	SF
ABND VERT OSTER 4-27 - OWB - Design #1	20,143.84	6,759.00	969.08	468.47	1.936	CC
ABND VERT OSTER 4-27 - OWB - Design #1	20,200.00	6,759.00	970.71	467.89	1.931	ES, SF
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,300.74	6,717.26	3,588.56	3,226.14	9.902	CC
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,400.00	6,716.46	3,589.93	3,225.60	9.853	ES
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,700.00	6,714.03	3,610.70	3,242.26	9.800	SF
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,477.49	6,710.51	3,302.70	2,962.15	9.698	CC
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,500.00	6,710.44	3,302.77	2,961.79	9.686	ES
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,800.00	6,709.52	3,318.40	2,972.99	9.607	SF
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,036.06	6,708.58	3,100.79	2,718.28	8.106	CC
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,100.00	6,708.50	3,101.45	2,717.76	8.083	ES
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,300.00	6,708.24	3,112.00	2,725.67	8.055	SF
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,596.17	6,774.98	1,038.36	701.36	3.081	CC
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,600.00	6,774.92	1,038.37	701.18	3.080	ES
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,700.00	6,773.28	1,043.54	702.94	3.064	SF
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,155.16	6,381.45	2,991.56	2,696.02	10.122	CC
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,300.00	16,300.00	2,994.99	2,659.94	8.939	ES, SF
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	17,991.51	6,884.81	3,736.46	3,407.70	11.365	CC
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,100.00	6,886.27	3,738.04	3,407.15	11.297	ES
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,400.00	6,890.32	3,758.72	3,423.37	11.208	SF
EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY	15,445.68	6,728.28	1,213.57	933.89	4.339	CC, ES, SF
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,436.55	6,518.64	2,463.17	2,205.97	9.577	CC
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,500.00	6,504.62	2,463.97	2,205.92	9.549	ES
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,600.00	6,481.31	2,468.50	2,209.47	9.530	SF
EXIST HZ LORY 12N - OWB - FINAL SURVEY	20,539.70	16,158.07	413.12	210.18	2.036	CC, ES, SF
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,107.19	6,706.00	1,017.42	626.84	2.605	CC, ES
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,200.00	6,706.00	1,021.64	627.60	2.593	SF
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,399.48	6,714.00	2,133.53	1,734.92	5.353	CC
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,400.00	6,714.00	2,133.53	1,734.92	5.352	ES
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,500.00	6,714.00	2,135.89	1,735.97	5.341	SF
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,792.82	6,749.26	2,017.20	1,641.46	5.369	CC
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,800.00	6,749.43	2,017.21	1,641.36	5.367	ES
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,900.00	6,751.99	2,020.04	1,643.13	5.359	SF
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,239.55	6,777.75	1,587.09	1,199.20	4.092	CC, ES
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,300.00	6,777.21	1,588.24	1,199.86	4.089	SF
SI VERT LIBSACK 43-27 - OWB - Design #1	16,043.70	6,716.00	1,645.42	1,256.37	4.229	CC, ES

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 27-T4N-R65W						
SI VERT LIBSACK 43-27 - OWB - Design #1	16,100.00	6,716.00	1,646.38	1,256.76	4.226	SF

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO														Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT														Offset Well Error:	0.00 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis			Offset Wellbore Centre		Distance				Warning		
Reference	Offset	Reference	Offset	Reference	Offset	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	0.00	0.00	-97.83	-550.14	-3,998.80	4,037.09						
100.00	100.00	25.02	25.02	0.13	0.03	-97.83	-550.15	-3,998.81	4,036.48	4,036.32	0.16	N/A			
200.00	200.00	114.66	114.66	0.49	0.13	-97.84	-550.36	-3,999.02	4,036.74	4,036.12	0.62	6,534.822			
300.00	300.00	223.35	223.35	0.85	0.25	-97.84	-550.54	-3,999.24	4,036.96	4,035.85	1.10	3,656.063			
400.00	400.00	320.93	320.93	1.21	0.32	-97.84	-550.87	-3,999.35	4,037.12	4,035.59	1.53	2,642.678			
500.00	500.00	413.72	413.72	1.57	0.37	-97.84	-551.03	-3,999.58	4,037.39	4,035.46	1.93	2,087.792			
600.00	599.98	497.80	497.80	1.92	0.42	-43.26	-550.87	-4,000.09	4,036.70	4,034.36	2.34	1,725.371			
700.00	699.84	573.11	573.10	2.28	0.46	-43.32	-550.22	-4,001.00	4,033.96	4,031.22	2.74	1,474.301			
800.00	799.45	661.34	661.30	2.65	0.51	-43.44	-548.76	-4,002.62	4,029.19	4,026.05	3.14	1,282.441			
900.00	898.70	762.30	762.22	3.02	0.56	-43.63	-547.18	-4,004.55	4,022.00	4,018.45	3.56	1,130.392			
1,000.00	997.47	870.69	870.59	3.42	0.61	-43.91	-545.66	-4,006.44	4,012.17	4,008.18	3.99	1,006.743			
1,100.00	1,095.62	978.14	978.02	3.84	0.65	-44.27	-544.24	-4,008.02	3,999.61	3,995.19	4.42	904.532			
1,200.00	1,193.06	1,077.11	1,076.97	4.30	0.69	-44.69	-542.86	-4,009.36	3,984.49	3,979.62	4.87	818.332			
1,300.00	1,289.64	1,174.76	1,174.60	4.79	0.74	-45.18	-541.50	-4,010.68	3,966.98	3,961.64	5.34	743.533			
1,400.00	1,385.27	1,283.70	1,283.53	5.33	0.78	-45.79	-540.25	-4,011.95	3,947.00	3,941.17	5.83	677.091			
1,500.00	1,479.82	1,400.45	1,400.27	5.92	0.82	-46.51	-539.10	-4,012.74	3,924.30	3,917.95	6.35	618.014			
1,600.00	1,573.17	1,492.01	1,491.83	6.56	0.86	-47.24	-538.10	-4,013.13	3,899.16	3,892.27	6.89	565.562			
1,700.00	1,665.22	1,586.69	1,586.50	7.26	0.89	-48.01	-537.05	-4,013.54	3,871.92	3,864.44	7.48	517.749			
1,800.00	1,756.74	1,685.50	1,685.30	7.99	0.93	-48.46	-536.13	-4,013.82	3,843.89	3,835.80	8.08	475.518			
1,900.00	1,848.26	1,798.01	1,797.81	8.75	0.95	-48.98	-535.35	-4,013.69	3,815.74	3,807.04	8.70	438.572			
2,000.00	1,939.78	1,889.42	1,889.22	9.51	0.98	-49.41	-534.80	-4,013.29	3,787.54	3,778.20	9.33	405.878			
2,100.00	2,031.30	1,980.82	1,980.61	10.29	1.00	-49.84	-534.32	-4,012.89	3,759.56	3,749.58	9.98	376.792			
2,200.00	2,122.82	2,081.21	2,081.00	11.07	1.01	-50.34	-533.97	-4,012.31	3,731.72	3,721.09	10.64	350.875			
2,300.00	2,214.34	2,186.25	2,186.04	11.86	1.03	-50.86	-533.78	-4,011.32	3,703.83	3,692.52	11.31	327.588			
2,400.00	2,305.85	2,275.35	2,275.14	12.66	1.04	-51.31	-533.55	-4,010.31	3,676.00	3,664.01	11.99	306.568			
2,500.00	2,397.37	2,375.45	2,375.22	13.46	1.06	-51.83	-533.33	-4,009.16	3,648.41	3,635.73	12.69	287.606			
2,600.00	2,488.89	2,482.56	2,482.32	14.26	1.08	-52.40	-533.49	-4,007.41	3,620.73	3,607.33	13.39	270.388			
2,700.00	2,580.41	2,573.45	2,573.19	15.07	1.09	-52.89	-533.82	-4,005.62	3,593.07	3,578.96	14.11	254.660			
2,800.00	2,671.93	2,655.72	2,655.45	15.88	1.10	-53.34	-534.16	-4,004.10	3,565.81	3,550.97	14.84	240.298			
2,900.00	2,763.45	2,743.99	2,743.71	16.69	1.11	-53.84	-534.76	-4,002.63	3,539.06	3,523.48	15.58	227.180			
3,000.00	2,854.97	2,839.57	2,839.26	17.51	1.13	-54.38	-535.63	-4,000.86	3,512.49	3,496.17	16.33	215.145			
3,100.00	2,946.49	2,927.75	2,927.43	18.32	1.14	-54.89	-536.34	-3,999.21	3,486.20	3,469.11	17.08	204.052			
3,200.00	3,038.00	3,008.17	3,007.84	19.14	1.15	-55.36	-536.87	-3,997.91	3,460.40	3,442.55	17.85	193.833			
3,300.00	3,129.52	3,081.68	3,081.33	19.96	1.16	-55.79	-537.41	-3,997.03	3,435.30	3,416.67	18.63	184.397			
3,400.00	3,221.04	3,172.15	3,171.80	20.77	1.18	-56.33	-538.22	-3,996.20	3,410.81	3,391.40	19.41	175.697			
3,500.00	3,312.56	3,253.61	3,253.25	21.59	1.19	-56.82	-538.89	-3,995.49	3,386.67	3,366.47	20.21	167.615			
3,600.00	3,404.08	3,332.66	3,332.30	22.42	1.20	-57.30	-539.54	-3,995.16	3,363.25	3,342.24	21.00	160.117			
3,700.00	3,495.60	3,418.25	3,417.89	23.24	1.21	-57.83	-540.27	-3,995.01	3,340.39	3,318.58	21.81	153.156			
3,800.00	3,587.12	3,508.81	3,508.45	24.06	1.22	-58.39	-541.05	-3,994.93	3,317.96	3,295.33	22.62	146.670			
3,900.00	3,678.63	3,602.85	3,602.48	24.88	1.24	-58.97	-541.55	-3,994.94	3,295.84	3,272.40	23.44	140.618			
4,000.00	3,770.15	3,679.72	3,679.35	25.71	1.25	-59.45	-541.94	-3,995.11	3,274.25	3,249.99	24.27	134.930			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,100.00	3,861.67	3,764.74	3,764.36	26.53	1.26	-59.99	-542.72	-3,995.47	3,253.34	3,228.24	25.10	129.614		
4,200.00	3,953.19	3,854.45	3,854.07	27.35	1.27	-60.57	-543.81	-3,995.84	3,232.90	3,206.96	25.94	124.624		
4,300.00	4,044.71	3,946.35	3,945.96	28.18	1.29	-61.18	-545.04	-3,996.18	3,212.85	3,186.06	26.79	119.931		
4,400.00	4,136.23	4,033.92	4,033.52	29.01	1.30	-61.76	-546.14	-3,996.53	3,193.19	3,165.55	27.64	115.508		
4,500.00	4,227.75	4,114.88	4,114.47	29.83	1.31	-62.29	-546.95	-3,997.20	3,174.19	3,145.68	28.51	111.346		
4,600.00	4,319.27	4,197.23	4,196.81	30.66	1.33	-62.84	-547.62	-3,998.23	3,155.86	3,126.48	29.38	107.430		
4,700.00	4,410.78	4,283.15	4,282.72	31.48	1.34	-63.41	-548.46	-3,999.47	3,138.15	3,107.90	30.25	103.739		
4,800.00	4,502.30	4,377.84	4,377.40	32.31	1.36	-64.06	-549.70	-4,000.75	3,120.92	3,089.78	31.13	100.251		
4,900.00	4,593.82	4,470.92	4,470.46	33.14	1.38	-64.70	-550.83	-4,001.94	3,104.00	3,071.98	32.02	96.945		
5,000.00	4,685.34	4,553.46	4,552.99	33.96	1.39	-65.27	-551.68	-4,003.16	3,087.59	3,054.68	32.91	93.812		
5,100.00	4,776.86	4,644.02	4,643.52	34.79	1.41	-65.90	-552.86	-4,004.71	3,071.92	3,038.10	33.81	90.855		
5,200.00	4,868.38	4,749.99	4,749.47	35.62	1.43	-66.65	-554.38	-4,006.02	3,056.36	3,021.64	34.71	88.043		
5,300.00	4,959.90	4,853.46	4,852.94	36.45	1.45	-67.38	-555.28	-4,007.15	3,040.87	3,005.25	35.62	85.366		
5,400.00	5,051.41	4,949.38	4,948.85	37.27	1.47	-68.06	-555.57	-4,008.15	3,025.54	2,989.01	36.53	82.815		
5,500.00	5,142.93	5,040.42	5,039.89	38.10	1.49	-68.71	-555.70	-4,009.21	3,010.66	2,973.21	37.45	80.390		
5,600.00	5,234.45	5,137.32	5,136.78	38.93	1.51	-69.41	-556.11	-4,010.13	2,996.20	2,957.83	38.37	78.083		
5,700.00	5,325.97	5,232.76	5,232.22	39.76	1.53	-70.11	-556.34	-4,010.81	2,981.93	2,942.64	39.30	75.880		
5,800.00	5,417.49	5,317.67	5,317.12	40.59	1.55	-70.73	-556.55	-4,011.61	2,968.31	2,928.08	40.23	73.785		
5,900.00	5,509.01	5,415.65	5,415.10	41.42	1.57	-71.45	-556.89	-4,012.39	2,955.10	2,913.94	41.16	71.792		
6,000.00	5,600.53	5,503.06	5,502.51	42.25	1.59	-72.11	-557.27	-4,013.04	2,942.37	2,900.27	42.10	69.890		
6,100.00	5,692.04	5,597.83	5,597.27	43.07	1.61	-72.83	-557.86	-4,013.62	2,930.15	2,887.11	43.04	68.081		
6,200.00	5,783.56	5,694.09	5,693.53	43.90	1.63	-73.57	-558.52	-4,014.01	2,918.31	2,874.33	43.98	66.353		
6,300.00	5,875.08	5,782.94	5,782.38	44.73	1.65	-74.25	-558.99	-4,014.42	2,906.94	2,862.01	44.93	64.705		
6,400.00	5,966.60	5,868.67	5,868.11	45.56	1.67	-74.91	-559.53	-4,014.91	2,896.22	2,850.35	45.87	63.137		
6,500.00	6,058.12	5,970.19	5,969.62	46.39	1.70	-75.71	-560.35	-4,015.39	2,886.06	2,839.24	46.82	61.644		
6,600.00	6,149.64	6,071.42	6,070.85	47.22	1.72	-76.50	-560.66	-4,015.66	2,875.97	2,828.21	47.76	60.218		
6,700.00	6,241.16	6,160.38	6,159.80	48.05	1.73	-77.20	-560.65	-4,015.98	2,866.30	2,817.60	48.70	58.855		
6,800.00	6,332.68	6,268.35	6,267.77	48.88	1.74	-78.05	-560.65	-4,016.31	2,857.15	2,807.53	49.63	57.572		
6,900.00	6,424.19	6,364.48	6,363.90	49.71	1.75	-78.81	-560.22	-4,016.15	2,847.91	2,797.36	50.55	56.339		
7,000.00	6,514.88	6,462.86	6,462.28	50.58	1.75	-79.93	-559.61	-4,016.14	2,837.45	2,785.94	51.50	55.094		
7,100.00	6,599.14	6,555.47	6,554.89	51.67	1.75	-69.08	-558.95	-4,015.70	2,816.10	2,763.43	52.67	53.467		
7,200.00	6,673.85	6,631.54	6,630.95	53.01	1.75	-68.35	-558.34	-4,015.23	2,783.80	2,729.74	54.07	51.489		
7,300.00	6,736.73	6,693.42	6,692.83	54.56	1.75	-70.33	-557.75	-4,014.95	2,742.18	2,686.52	55.66	49.265		
7,400.00	6,785.87	6,740.10	6,739.51	56.29	1.76	-74.32	-557.26	-4,014.82	2,693.00	2,635.58	57.42	46.901		
7,500.00	6,819.79	6,772.21	6,771.61	58.13	1.76	-79.91	-556.93	-4,014.77	2,638.17	2,578.89	59.29	44.497		
7,600.00	6,837.44	6,788.95	6,788.36	60.02	1.76	-86.62	-556.75	-4,014.76	2,579.64	2,518.43	61.21	42.144		
7,700.00	6,840.00	6,791.34	6,790.75	61.90	1.76	-90.61	-556.73	-4,014.76	2,519.61	2,456.48	63.13	39.909		
7,800.00	6,840.00	6,791.29	6,790.70	63.83	1.76	-90.61	-556.73	-4,014.76	2,461.62	2,396.50	65.12	37.804		
7,900.00	6,840.00	6,791.24	6,790.64	65.81	1.76	-90.61	-556.73	-4,014.76	2,406.38	2,339.21	67.17	35.825		
8,000.00	6,840.00	6,791.18	6,790.59	67.84	1.76	-90.61	-556.73	-4,014.76	2,354.10	2,284.82	69.29	33.977		
8,100.00	6,840.00	6,791.13	6,790.54	69.91	1.76	-90.61	-556.73	-4,014.76	2,304.98	2,233.52	71.45	32.259		
8,200.00	6,840.00	6,791.08	6,790.48	72.03	1.76	-90.61	-556.73	-4,014.76	2,259.21	2,185.56	73.66	30.672		
8,300.00	6,840.00	6,791.02	6,790.43	74.18	1.76	-90.61	-556.73	-4,014.76	2,217.02	2,141.13	75.88	29.217		
8,400.00	6,840.00	6,790.97	6,790.37	76.37	1.76	-90.60	-556.73	-4,014.76	2,178.59	2,100.49	78.11	27.892		
8,500.00	6,840.00	6,790.91	6,790.32	78.59	1.76	-90.60	-556.73	-4,014.76	2,144.15	2,063.84	80.31	26.697		
8,600.00	6,840.00	6,790.85	6,790.26	80.85	1.76	-90.60	-556.73	-4,014.76	2,113.89	2,031.40	82.48	25.629		
8,700.00	6,840.00	6,790.80	6,790.21	83.13	1.76	-90.60	-556.73	-4,014.76	2,087.97	2,003.39	84.58	24.685		
8,800.00	6,840.00	6,790.74	6,790.15	85.44	1.76	-90.60	-556.74	-4,014.76	2,066.58	1,979.98	86.60	23.865		
8,900.00	6,840.00	6,790.69	6,790.09	87.77	1.76	-90.60	-556.74	-4,014.76	2,049.85	1,961.35	88.50	23.163		
9,000.00	6,840.00	6,790.63	6,790.04	90.12	1.76	-90.59	-556.74	-4,014.76	2,037.89	1,947.63	90.26	22.578		
9,100.00	6,840.00	6,790.57	6,789.98	92.50	1.76	-90.59	-556.74	-4,014.76	2,030.79	1,938.92	91.87	22.105		
9,194.41	6,840.00	6,790.52	6,789.93	94.76	1.76	-90.59	-556.74	-4,014.76	2,028.59	1,935.36	93.23	21.758 CC		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,200.00	6,840.00	6,790.52	6,789.92	94.89	1.76	-90.59	-556.74	-4,014.76	2,028.60	1,935.29	93.31	21.741	ES	
9,300.00	6,840.00	6,790.46	6,789.86	97.30	1.76	-90.59	-556.74	-4,014.76	2,031.34	1,936.78	94.56	21.482		
9,400.00	6,840.00	6,790.40	6,789.81	99.73	1.76	-90.59	-556.74	-4,014.76	2,038.99	1,943.37	95.62	21.324		
9,500.00	6,840.00	6,790.34	6,789.75	102.17	1.76	-90.59	-556.74	-4,014.76	2,051.48	1,955.01	96.48	21.264	SF	
9,600.00	6,840.00	6,790.28	6,789.69	104.63	1.76	-90.58	-556.74	-4,014.76	2,068.74	1,971.61	97.14	21.297		
9,700.00	6,840.00	6,790.22	6,789.63	107.10	1.76	-90.58	-556.74	-4,014.76	2,090.65	1,993.05	97.60	21.420		
9,800.00	6,840.00	6,790.16	6,789.57	109.58	1.76	-90.58	-556.74	-4,014.76	2,117.06	2,019.17	97.89	21.628		
9,900.00	6,840.00	6,790.10	6,789.51	112.07	1.76	-90.58	-556.74	-4,014.76	2,147.80	2,049.81	97.99	21.918		
10,000.00	6,840.00	6,790.04	6,789.45	114.58	1.76	-90.58	-556.74	-4,014.76	2,182.70	2,084.76	97.94	22.286		
10,100.00	6,840.00	6,789.98	6,789.39	117.09	1.76	-90.58	-556.74	-4,014.76	2,221.55	2,123.81	97.74	22.729		
10,200.00	6,840.00	6,789.92	6,789.33	119.61	1.76	-90.57	-556.74	-4,014.76	2,264.16	2,166.74	97.42	23.242		
10,300.00	6,840.00	6,789.86	6,789.27	122.14	1.76	-90.57	-556.74	-4,014.76	2,310.31	2,213.33	96.98	23.823		
10,400.00	6,840.00	6,789.80	6,789.21	124.68	1.76	-90.57	-556.75	-4,014.76	2,359.80	2,263.36	96.44	24.469		
10,500.00	6,840.00	6,789.74	6,789.14	127.23	1.76	-90.57	-556.75	-4,014.76	2,412.42	2,316.59	95.82	25.175		
10,600.00	6,840.00	6,789.68	6,789.08	129.78	1.76	-90.57	-556.75	-4,014.76	2,467.97	2,372.83	95.14	25.940		
10,700.00	6,840.00	6,789.61	6,789.02	132.35	1.76	-90.57	-556.75	-4,014.76	2,526.26	2,431.86	94.41	26.760		
10,800.00	6,840.00	6,789.55	6,788.96	134.91	1.76	-90.56	-556.75	-4,014.76	2,587.11	2,493.48	93.63	27.632		
10,900.00	6,840.00	6,789.49	6,788.89	137.49	1.76	-90.56	-556.75	-4,014.76	2,650.33	2,557.51	92.82	28.554		
11,000.00	6,840.00	6,789.42	6,788.83	140.07	1.76	-90.56	-556.75	-4,014.76	2,715.76	2,623.77	91.99	29.522		
11,100.00	6,840.00	6,789.36	6,788.77	142.65	1.76	-90.56	-556.75	-4,014.76	2,783.25	2,692.10	91.15	30.536		
11,200.00	6,840.00	6,789.29	6,788.70	145.24	1.76	-90.56	-556.75	-4,014.76	2,852.65	2,762.35	90.30	31.592		
11,300.00	6,840.00	6,789.23	6,788.64	147.83	1.76	-90.55	-556.75	-4,014.76	2,923.82	2,834.37	89.45	32.688		
11,400.00	6,840.00	6,789.16	6,788.57	150.43	1.76	-90.55	-556.75	-4,014.76	2,996.64	2,908.04	88.60	33.823		
11,500.00	6,840.00	6,789.10	6,788.51	153.04	1.76	-90.55	-556.75	-4,014.76	3,070.99	2,983.23	87.76	34.993		
11,600.00	6,840.00	6,789.03	6,788.44	155.64	1.76	-90.55	-556.75	-4,014.76	3,146.76	3,059.82	86.93	36.198		
11,700.00	6,840.00	6,788.97	6,788.37	158.26	1.76	-90.55	-556.75	-4,014.76	3,223.85	3,137.73	86.12	37.435		
11,800.00	6,840.00	6,788.90	6,788.31	160.87	1.76	-90.55	-556.75	-4,014.76	3,302.17	3,216.84	85.32	38.702		
11,900.00	6,840.00	6,788.83	6,788.24	163.49	1.76	-90.54	-556.76	-4,014.76	3,381.63	3,297.09	84.54	39.999		
12,000.00	6,840.00	6,788.76	6,788.17	166.11	1.76	-90.54	-556.76	-4,014.76	3,462.16	3,378.38	83.78	41.324		
12,100.00	6,840.00	6,788.70	6,788.10	168.74	1.76	-90.54	-556.76	-4,014.76	3,543.68	3,460.64	83.04	42.674		
12,200.00	6,840.00	6,788.63	6,788.03	171.37	1.76	-90.54	-556.76	-4,014.76	3,626.12	3,543.80	82.32	44.049		
12,300.00	6,840.00	6,788.56	6,787.96	174.00	1.76	-90.54	-556.76	-4,014.76	3,709.43	3,627.81	81.62	45.448		
12,400.00	6,840.00	6,788.49	6,787.89	176.63	1.76	-90.53	-556.76	-4,014.76	3,793.55	3,712.61	80.94	46.869		
12,500.00	6,840.00	6,788.42	6,787.83	179.27	1.76	-90.53	-556.76	-4,014.76	3,878.42	3,798.14	80.28	48.310		
12,600.00	6,840.00	6,788.35	6,787.75	181.91	1.76	-90.53	-556.76	-4,014.76	3,963.99	3,884.35	79.64	49.772		
12,700.00	6,840.00	6,788.28	6,787.68	184.55	1.76	-90.53	-556.76	-4,014.76	4,050.23	3,971.21	79.03	51.252		
12,800.00	6,840.00	6,788.21	6,787.61	187.19	1.76	-90.53	-556.76	-4,014.76	4,137.09	4,058.66	78.43	52.750		
12,900.00	6,840.00	6,788.13	6,787.54	189.84	1.76	-90.52	-556.76	-4,014.76	4,224.52	4,146.68	77.85	54.265		
13,000.00	6,840.00	6,788.06	6,787.47	192.48	1.76	-90.52	-556.76	-4,014.76	4,312.51	4,235.22	77.29	55.796		
13,100.00	6,840.00	6,787.99	6,787.40	195.13	1.76	-90.52	-556.76	-4,014.76	4,401.00	4,324.25	76.75	57.342		
13,200.00	6,840.00	6,787.92	6,787.32	197.79	1.76	-90.52	-556.76	-4,014.76	4,489.98	4,413.76	76.23	58.902		
13,300.00	6,840.00	6,787.84	6,787.25	200.44	1.76	-90.52	-556.77	-4,014.76	4,579.42	4,503.70	75.72	60.475		
13,400.00	6,840.00	6,787.77	6,787.18	203.10	1.76	-90.51	-556.77	-4,014.76	4,669.28	4,594.05	75.24	62.061		
13,500.00	6,840.00	6,787.69	6,787.10	205.75	1.76	-90.51	-556.77	-4,014.76	4,759.55	4,684.78	74.77	63.659		
13,600.00	6,840.00	6,787.62	6,787.03	208.41	1.76	-90.51	-556.77	-4,014.76	4,850.20	4,775.89	74.31	65.268		
13,700.00	6,840.00	6,787.54	6,786.95	211.07	1.76	-90.51	-556.77	-4,014.76	4,941.21	4,867.34	73.87	66.887		
13,800.00	6,840.00	6,787.47	6,786.87	213.74	1.76	-90.50	-556.77	-4,014.76	5,032.56	4,959.11	73.45	68.517		
13,900.00	6,840.00	6,787.39	6,786.80	216.40	1.76	-90.50	-556.77	-4,014.76	5,124.24	5,051.19	73.04	70.156		
14,000.00	6,840.00	6,787.31	6,786.72	219.06	1.76	-90.50	-556.77	-4,014.76	5,216.22	5,143.57	72.65	71.804		
14,100.00	6,840.00	6,787.24	6,786.64	221.73	1.76	-90.50	-556.77	-4,014.76	5,308.49	5,236.22	72.26	73.460		
14,200.00	6,840.00	6,787.16	6,786.57	224.40	1.76	-90.50	-556.77	-4,014.76	5,401.03	5,329.14	71.90	75.123		
14,300.00	6,840.00	6,787.08	6,786.49	227.07	1.76	-90.49	-556.77	-4,014.76	5,493.84	5,422.30	71.54	76.794		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO													Offset Site Error: 0.00 usft	
Survey Program: 100-GYD_CT													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,400.00	6,840.00	6,787.00	6,786.41	229.74	1.76	-90.49	-556.77	-4,014.76	5,586.89	5,515.70	71.20	78.472		
14,500.00	6,840.00	6,786.92	6,786.33	232.41	1.76	-90.49	-556.77	-4,014.76	5,680.18	5,609.32	70.86	80.156		
14,600.00	6,840.00	6,786.84	6,786.25	235.08	1.76	-90.49	-556.78	-4,014.76	5,773.70	5,703.16	70.54	81.846		
14,700.00	6,840.00	6,786.76	6,786.17	237.75	1.76	-90.48	-556.78	-4,014.76	5,867.43	5,797.20	70.23	83.541		
14,800.00	6,840.00	6,786.68	6,786.09	240.43	1.76	-90.48	-556.78	-4,014.76	5,961.36	5,891.43	69.93	85.242		
14,900.00	6,840.00	6,786.60	6,786.00	243.10	1.76	-90.48	-556.78	-4,014.76	6,055.49	5,985.85	69.65	86.947		
15,000.00	6,840.00	6,786.52	6,785.92	245.78	1.76	-90.48	-556.78	-4,014.76	6,149.80	6,080.44	69.37	88.657		
15,100.00	6,840.00	6,786.43	6,785.84	248.46	1.76	-90.48	-556.78	-4,014.76	6,244.29	6,175.20	69.10	90.370		
15,200.00	6,840.00	6,786.35	6,785.76	251.14	1.76	-90.47	-556.78	-4,014.76	6,338.95	6,270.12	68.84	92.088		
15,300.00	6,840.00	6,786.26	6,785.67	253.82	1.76	-90.47	-556.78	-4,014.76	6,433.77	6,365.19	68.58	93.808		
15,400.00	6,840.00	6,786.18	6,785.59	256.50	1.76	-90.47	-556.78	-4,014.76	6,528.75	6,460.41	68.34	95.532		
15,500.00	6,840.00	6,786.09	6,785.50	259.18	1.76	-90.47	-556.78	-4,014.76	6,623.87	6,555.77	68.11	97.258		
15,600.00	6,840.00	6,786.01	6,785.42	261.86	1.76	-90.46	-556.78	-4,014.76	6,719.14	6,651.26	67.88	98.987		
15,700.00	6,840.00	6,785.92	6,785.33	264.54	1.76	-90.46	-556.79	-4,014.76	6,814.54	6,746.88	67.66	100.718		
15,800.00	6,840.00	6,785.84	6,785.24	267.23	1.76	-90.46	-556.79	-4,014.76	6,910.07	6,842.62	67.45	102.451		
15,900.00	6,840.00	6,785.75	6,785.15	269.91	1.76	-90.46	-556.79	-4,014.76	7,005.72	6,938.48	67.24	104.186		
16,000.00	6,840.00	6,785.66	6,785.07	272.59	1.76	-90.45	-556.79	-4,014.76	7,101.50	7,034.45	67.04	105.922		
16,100.00	6,840.00	6,785.57	6,784.98	275.28	1.76	-90.45	-556.79	-4,014.76	7,197.39	7,130.53	66.85	107.660		
16,200.00	6,840.00	6,785.48	6,784.89	277.97	1.76	-90.45	-556.79	-4,014.76	7,293.39	7,226.72	66.67	109.398		
16,300.00	6,840.00	6,785.39	6,784.80	280.65	1.76	-90.45	-556.79	-4,014.76	7,389.49	7,323.00	66.49	111.137		
16,400.00	6,840.00	6,785.30	6,784.71	283.34	1.76	-90.44	-556.79	-4,014.76	7,485.70	7,419.39	66.32	112.877		
16,500.00	6,840.00	6,785.21	6,784.62	286.03	1.76	-90.44	-556.79	-4,014.76	7,582.01	7,515.86	66.15	114.617		
16,600.00	6,840.00	6,785.12	6,784.52	288.72	1.76	-90.44	-556.79	-4,014.76	7,678.41	7,612.42	65.99	116.357		
16,700.00	6,840.00	6,785.02	6,784.43	291.41	1.76	-90.44	-556.79	-4,014.76	7,774.90	7,709.07	65.83	118.097		
16,800.00	6,840.00	6,784.93	6,784.34	294.10	1.76	-90.43	-556.80	-4,014.76	7,871.48	7,805.80	65.68	119.837		
16,900.00	6,840.00	6,784.84	6,784.24	296.79	1.76	-90.43	-556.80	-4,014.76	7,968.14	7,902.60	65.54	121.577		
17,000.00	6,840.00	6,784.74	6,784.15	299.48	1.76	-90.43	-556.80	-4,014.76	8,064.89	7,999.49	65.40	123.316		
17,100.00	6,840.00	6,784.65	6,784.05	302.17	1.76	-90.43	-556.80	-4,014.76	8,161.71	8,096.45	65.27	125.054		
17,200.00	6,840.00	6,784.55	6,783.96	304.86	1.76	-90.42	-556.80	-4,014.76	8,258.61	8,193.48	65.14	126.792		
17,300.00	6,840.00	6,784.45	6,783.86	307.56	1.76	-90.42	-556.80	-4,014.76	8,355.59	8,290.58	65.01	128.528		
17,400.00	6,840.00	6,784.36	6,783.76	310.25	1.76	-90.42	-556.80	-4,014.76	8,452.63	8,387.74	64.89	130.264		
17,500.00	6,840.00	6,784.26	6,783.66	312.94	1.76	-90.41	-556.80	-4,014.76	8,549.74	8,484.97	64.77	131.998		
17,600.00	6,840.00	6,784.16	6,783.56	315.64	1.76	-90.41	-556.80	-4,014.76	8,646.92	8,582.26	64.66	133.730		
17,700.00	6,840.00	6,784.06	6,783.46	318.33	1.76	-90.41	-556.80	-4,014.76	8,744.16	8,679.61	64.55	135.462		
17,800.00	6,840.00	6,783.96	6,783.36	321.03	1.76	-90.41	-556.81	-4,014.76	8,841.46	8,777.01	64.45	137.191		
17,900.00	6,840.00	6,783.86	6,783.26	323.72	1.76	-90.40	-556.81	-4,014.76	8,938.82	8,874.47	64.35	138.919		
18,000.00	6,840.00	6,783.75	6,783.16	326.42	1.76	-90.40	-556.81	-4,014.76	9,036.24	8,971.99	64.25	140.644		
18,100.00	6,840.00	6,783.65	6,783.06	329.11	1.76	-90.40	-556.81	-4,014.76	9,133.71	9,069.56	64.16	142.368		
18,200.00	6,840.00	6,783.55	6,782.95	331.81	1.76	-90.39	-556.81	-4,014.76	9,231.24	9,167.18	64.07	144.089		
18,300.00	6,840.00	6,783.44	6,782.85	334.51	1.76	-90.39	-556.81	-4,014.76	9,328.83	9,264.85	63.98	145.809		
18,400.00	6,840.00	6,783.34	6,782.74	337.20	1.76	-90.39	-556.81	-4,014.76	9,426.46	9,362.56	63.90	147.525		
18,500.00	6,840.00	6,783.23	6,782.64	339.90	1.76	-90.39	-556.81	-4,014.76	9,524.14	9,460.32	63.82	149.240		
18,600.00	6,840.00	6,783.12	6,782.53	342.60	1.76	-90.38	-556.81	-4,014.76	9,621.87	9,558.13	63.74	150.952		
18,700.00	6,840.00	6,783.02	6,782.42	345.30	1.76	-90.38	-556.82	-4,014.76	9,719.64	9,655.97	63.67	152.661		
18,800.00	6,840.00	6,782.91	6,782.31	348.00	1.76	-90.38	-556.82	-4,014.76	9,817.46	9,753.86	63.60	154.367		
18,900.00	6,840.00	6,782.80	6,782.21	350.70	1.76	-90.37	-556.82	-4,014.76	9,915.33	9,851.79	63.53	156.071		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-96.60	-346.28	-2,991.54	3,012.28					
100.00	100.00	27.58	27.58	0.13	0.03	-96.60	-346.29	-2,991.56	3,011.54	3,011.37	0.16	N/A		
200.00	200.00	115.28	115.28	0.49	0.13	-96.61	-346.46	-2,991.87	3,011.91	3,011.29	0.62	4,868.409		
300.00	300.00	210.45	210.44	0.85	0.24	-96.61	-346.58	-2,992.46	3,012.54	3,011.44	1.09	2,751.860		
400.00	400.00	301.05	301.04	1.21	0.32	-96.61	-346.75	-2,993.23	3,013.41	3,011.88	1.53	1,968.906		
500.00	500.00	402.05	402.04	1.57	0.39	-96.62	-347.26	-2,994.21	3,014.42	3,012.47	1.96	1,539.511		
600.00	599.98	514.11	514.09	1.92	0.46	-42.05	-347.98	-2,995.02	3,013.92	3,011.54	2.38	1,266.171		
700.00	699.84	622.30	622.28	2.28	0.52	-42.17	-348.33	-2,995.46	3,010.48	3,007.69	2.79	1,078.260		
800.00	799.45	727.28	727.26	2.65	0.56	-42.37	-348.35	-2,995.71	3,004.26	3,001.06	3.20	939.798		
900.00	898.70	833.58	833.56	3.02	0.59	-42.66	-348.14	-2,995.76	2,995.27	2,991.67	3.60	832.936		
1,000.00	997.47	935.56	935.53	3.42	0.62	-43.02	-347.51	-2,995.64	2,983.54	2,979.54	4.01	744.736		
1,100.00	1,095.62	1,030.24	1,030.22	3.84	0.66	-43.44	-346.51	-2,995.63	2,969.37	2,964.94	4.43	670.793		
1,200.00	1,193.06	1,123.64	1,123.61	4.30	0.69	-43.93	-345.30	-2,995.77	2,952.88	2,948.02	4.86	607.212		
1,300.00	1,289.64	1,214.81	1,214.76	4.79	0.72	-44.49	-343.98	-2,996.07	2,934.14	2,928.82	5.32	551.579		
1,400.00	1,385.27	1,298.58	1,298.52	5.33	0.75	-45.11	-342.75	-2,996.61	2,913.38	2,907.58	5.80	502.387		
1,500.00	1,479.82	1,385.34	1,385.27	5.92	0.78	-45.83	-341.62	-2,997.47	2,890.69	2,884.38	6.31	458.061		
1,600.00	1,573.17	1,476.10	1,476.02	6.56	0.82	-46.66	-340.74	-2,998.51	2,866.01	2,859.15	6.86	417.844		
1,700.00	1,665.22	1,572.19	1,572.11	7.26	0.86	-47.58	-340.19	-2,999.56	2,839.26	2,831.81	7.45	381.080		
1,800.00	1,756.74	1,672.57	1,672.48	7.99	0.89	-48.20	-339.98	-3,000.35	2,811.69	2,803.62	8.07	348.506		
1,900.00	1,848.26	1,774.66	1,774.57	8.75	0.92	-48.85	-339.86	-3,000.79	2,784.09	2,775.39	8.70	320.088		
2,000.00	1,939.78	1,864.56	1,864.47	9.51	0.95	-49.43	-339.36	-3,001.05	2,756.60	2,747.25	9.34	294.982		
2,100.00	2,031.30	1,948.69	1,948.59	10.29	0.98	-49.98	-338.67	-3,001.53	2,729.60	2,719.59	10.01	272.676		
2,200.00	2,122.82	2,030.34	2,030.24	11.07	1.01	-50.52	-338.12	-3,002.24	2,703.21	2,692.52	10.69	252.800		
2,300.00	2,214.34	2,111.07	2,110.96	11.86	1.04	-51.06	-337.77	-3,003.26	2,677.54	2,666.15	11.39	235.030		
2,400.00	2,305.85	2,198.77	2,198.65	12.66	1.07	-51.67	-337.75	-3,004.53	2,652.45	2,640.34	12.11	219.078		
2,500.00	2,397.37	2,295.83	2,295.71	13.46	1.10	-52.36	-338.13	-3,005.81	2,627.70	2,614.86	12.84	204.691		
2,600.00	2,488.89	2,436.17	2,436.04	14.26	1.10	-53.38	-338.49	-3,006.26	2,602.39	2,588.85	13.55	192.125		
2,700.00	2,580.41	2,568.62	2,568.47	15.07	1.11	-54.38	-338.13	-3,004.39	2,575.79	2,561.53	14.26	180.655		
2,800.00	2,671.93	2,670.97	2,670.78	15.88	1.12	-55.19	-338.88	-3,001.51	2,548.62	2,533.62	15.00	169.909		
2,900.00	2,763.45	2,760.81	2,760.58	16.69	1.12	-55.92	-339.17	-2,998.94	2,521.76	2,506.00	15.76	160.012		
3,000.00	2,854.97	2,843.11	2,842.85	17.51	1.13	-56.59	-339.27	-2,996.78	2,495.47	2,478.94	16.54	150.919		
3,100.00	2,946.49	2,922.21	2,921.94	18.32	1.14	-57.24	-339.17	-2,995.15	2,470.05	2,452.72	17.32	142.581		
3,200.00	3,038.00	3,003.79	3,003.50	19.14	1.15	-57.91	-339.02	-2,993.85	2,445.45	2,427.33	18.12	134.935		
3,300.00	3,129.52	3,089.26	3,088.97	19.96	1.15	-58.63	-338.96	-2,992.73	2,421.59	2,402.66	18.93	127.904		
3,400.00	3,221.04	3,171.68	3,171.39	20.77	1.16	-59.34	-339.23	-2,991.78	2,398.46	2,378.71	19.76	121.405		
3,500.00	3,312.56	3,253.18	3,252.87	21.59	1.17	-60.06	-340.15	-2,990.92	2,376.19	2,355.60	20.59	115.385		
3,600.00	3,404.08	3,350.88	3,350.54	22.42	1.18	-60.97	-342.19	-2,989.75	2,354.69	2,333.25	21.44	109.830		
3,700.00	3,495.60	3,453.31	3,452.95	23.24	1.19	-61.91	-343.31	-2,988.15	2,333.05	2,310.77	22.29	104.672		
3,800.00	3,587.12	3,539.53	3,539.16	24.06	1.20	-62.70	-343.17	-2,987.25	2,311.94	2,288.79	23.15	99.869		
3,900.00	3,678.63	3,621.57	3,621.20	24.88	1.21	-63.43	-342.47	-2,986.98	2,291.68	2,267.66	24.02	95.409		
4,000.00	3,770.15	3,703.45	3,703.08	25.71	1.23	-64.17	-341.62	-2,987.17	2,272.33	2,247.43	24.90	91.258		
4,100.00	3,861.67	3,782.15	3,781.78	26.53	1.25	-64.89	-340.91	-2,987.75	2,253.98	2,228.19	25.79	87.397		
4,200.00	3,953.19	3,857.06	3,856.68	27.35	1.27	-65.58	-340.54	-2,988.69	2,236.77	2,210.08	26.69	83.809		
4,300.00	4,044.71	3,931.02	3,930.62	28.18	1.28	-66.28	-340.76	-2,989.98	2,220.86	2,193.27	27.60	80.478		
4,400.00	4,136.23	4,005.49	4,005.08	29.01	1.29	-67.00	-341.68	-2,991.58	2,206.29	2,177.78	28.51	77.385		
4,500.00	4,227.75	4,083.28	4,082.82	29.83	1.31	-67.77	-343.25	-2,993.53	2,192.98	2,163.55	29.43	74.511		
4,600.00	4,319.27	4,168.27	4,167.75	30.66	1.32	-68.62	-345.52	-2,995.83	2,180.78	2,150.43	30.36	71.834		
4,700.00	4,410.78	4,279.36	4,278.76	31.48	1.35	-69.76	-348.40	-2,998.68	2,169.14	2,137.85	31.29	69.321		
4,800.00	4,502.30	4,389.83	4,389.20	32.31	1.37	-70.86	-349.31	-3,001.36	2,157.12	2,124.90	32.22	66.947		
4,900.00	4,593.82	4,488.41	4,487.75	33.14	1.39	-71.82	-348.95	-3,003.91	2,145.22	2,112.07	33.15	64.708		
5,000.00	4,685.34	4,578.81	4,578.11	33.96	1.42	-72.71	-348.18	-3,006.45	2,133.85	2,099.76	34.09	62.603		
5,100.00	4,776.86	4,650.50	4,649.76	34.79	1.44	-73.41	-347.70	-3,008.77	2,123.52	2,088.49	35.02	60.633		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,725.54	4,724.74	35.62	1.45	-74.16	-347.90	-3,011.81	2,114.88	2,078.92	35.96	58.814		
5,300.00	4,959.90	4,831.80	4,830.92	36.45	1.48	-75.23	-348.40	-3,015.93	2,106.91	2,070.01	36.90	57.099		
5,400.00	5,051.41	4,934.84	4,933.89	37.27	1.51	-76.26	-348.09	-3,019.42	2,098.75	2,060.91	37.84	55.468		
5,500.00	5,142.93	5,015.94	5,014.93	38.10	1.53	-77.08	-347.68	-3,022.59	2,091.50	2,052.72	38.77	53.943		
5,600.00	5,234.45	5,100.95	5,099.87	38.93	1.55	-77.93	-347.46	-3,026.25	2,085.31	2,045.60	39.70	52.520		
5,700.00	5,325.97	5,264.19	5,263.05	39.76	1.58	-79.64	-347.17	-3,029.85	2,078.42	2,037.78	40.63	51.151		
5,800.00	5,417.49	5,401.56	5,400.40	40.59	1.60	-81.14	-345.37	-3,028.81	2,069.47	2,027.93	41.54	49.816		
5,900.00	5,509.01	5,521.57	5,520.31	41.42	1.61	-82.41	-340.67	-3,027.83	2,059.53	2,017.08	42.45	48.519		
6,000.00	5,600.53	5,602.31	5,600.96	42.25	1.63	-83.25	-336.83	-3,027.62	2,050.13	2,006.76	43.37	47.270		
6,100.00	5,692.04	5,649.63	5,648.25	43.07	1.63	-83.76	-335.41	-3,027.59	2,042.71	1,998.41	44.30	46.115		
6,200.00	5,783.56	5,700.00	5,698.62	43.90	1.63	-84.32	-335.36	-3,027.61	2,038.01	1,992.81	45.20	45.088		
6,300.00	5,875.08	5,770.75	5,769.36	44.73	1.63	-85.14	-336.65	-3,027.71	2,035.52	1,989.42	46.10	44.152		
6,400.00	5,966.60	5,850.70	5,849.28	45.56	1.64	-86.08	-338.76	-3,027.91	2,034.53	1,987.54	46.99	43.293		
6,430.04	5,994.09	5,875.62	5,874.19	45.81	1.64	-86.37	-339.52	-3,027.95	2,034.48	1,987.22	47.26	43.048		
6,500.00	6,058.12	5,939.17	5,937.71	46.39	1.65	-87.12	-341.63	-3,027.97	2,034.73	1,986.85	47.88	42.498		
6,600.00	6,149.64	6,041.39	6,039.86	47.22	1.66	-88.35	-345.12	-3,027.42	2,035.60	1,986.84	48.76	41.750		
6,700.00	6,241.16	6,149.37	6,147.80	48.05	1.67	-89.64	-348.09	-3,026.29	2,036.58	1,986.95	49.62	41.040		
6,800.00	6,332.68	6,251.56	6,249.96	48.88	1.67	-90.86	-350.12	-3,025.11	2,037.83	1,987.36	50.48	40.373		
6,900.00	6,424.19	6,349.11	6,347.50	49.71	1.68	-91.99	-351.30	-3,024.28	2,039.52	1,988.21	51.31	39.749		
7,000.00	6,514.88	6,439.54	6,437.92	50.58	1.68	-86.96	-351.95	-3,023.92	2,040.52	1,988.36	52.16	39.118		
7,100.00	6,599.14	6,518.77	6,517.15	51.67	1.69	-81.36	-352.48	-3,023.86	2,034.05	1,980.83	53.22	38.218		
7,200.00	6,673.85	6,584.94	6,583.32	53.01	1.70	-79.56	-353.08	-3,024.01	2,020.23	1,965.73	54.50	37.070		
7,300.00	6,736.73	6,639.60	6,637.97	54.56	1.71	-79.95	-353.79	-3,024.20	2,000.45	1,944.50	55.95	35.753		
7,400.00	6,785.87	6,681.64	6,680.00	56.29	1.72	-81.66	-354.57	-3,024.25	1,976.26	1,918.72	57.54	34.348		
7,500.00	6,819.79	6,710.61	6,708.98	58.13	1.72	-84.14	-355.22	-3,024.23	1,949.17	1,889.98	59.19	32.933		
7,600.00	6,837.44	6,725.69	6,724.04	60.02	1.72	-86.96	-355.60	-3,024.20	1,920.60	1,859.77	60.82	31.576		
7,700.00	6,840.00	6,727.66	6,726.01	61.90	1.72	-88.56	-355.65	-3,024.20	1,892.21	1,829.82	62.39	30.331		
7,800.00	6,840.00	6,727.42	6,725.78	63.83	1.72	-88.55	-355.64	-3,024.20	1,868.02	1,804.13	63.89	29.237		
7,900.00	6,840.00	6,727.19	6,725.55	65.81	1.72	-88.54	-355.64	-3,024.20	1,848.93	1,783.59	65.34	28.298		
8,000.00	6,840.00	6,726.96	6,725.32	67.84	1.72	-88.53	-355.63	-3,024.20	1,835.10	1,768.41	66.70	27.514		
8,100.00	6,840.00	6,726.74	6,725.09	69.91	1.72	-88.53	-355.63	-3,024.20	1,826.65	1,758.70	67.95	26.882		
8,200.00	6,840.00	6,726.51	6,724.87	72.03	1.72	-88.52	-355.62	-3,024.20	1,823.65	1,754.57	69.08	26.399		
8,204.74	6,840.00	6,726.50	6,724.86	72.13	1.72	-88.52	-355.62	-3,024.20	1,823.64	1,754.51	69.13	26.380 CC, ES		
8,300.00	6,840.00	6,726.29	6,724.65	74.18	1.72	-88.51	-355.61	-3,024.20	1,826.13	1,756.06	70.07	26.061		
8,400.00	6,840.00	6,726.08	6,724.43	76.37	1.72	-88.51	-355.61	-3,024.20	1,834.07	1,763.16	70.91	25.864		
8,500.00	6,840.00	6,725.86	6,724.22	78.59	1.72	-88.50	-355.60	-3,024.20	1,847.39	1,775.79	71.60	25.802 SF		
8,600.00	6,840.00	6,725.65	6,724.00	80.85	1.72	-88.49	-355.60	-3,024.20	1,865.99	1,793.86	72.13	25.869		
8,700.00	6,840.00	6,725.44	6,723.79	83.13	1.72	-88.49	-355.59	-3,024.21	1,889.70	1,817.19	72.51	26.060		
8,800.00	6,840.00	6,725.23	6,723.58	85.44	1.72	-88.48	-355.59	-3,024.21	1,918.34	1,845.59	72.75	26.369		
8,900.00	6,840.00	6,725.02	6,723.38	87.77	1.72	-88.47	-355.58	-3,024.21	1,951.68	1,878.83	72.85	26.790		
9,000.00	6,840.00	6,724.82	6,723.17	90.12	1.72	-88.47	-355.58	-3,024.21	1,989.50	1,916.67	72.83	27.317		
9,100.00	6,840.00	6,724.62	6,722.97	92.50	1.72	-88.46	-355.57	-3,024.21	2,031.54	1,958.84	72.70	27.944		
9,200.00	6,840.00	6,724.42	6,722.77	94.89	1.72	-88.45	-355.57	-3,024.21	2,077.55	2,005.07	72.48	28.665		
9,300.00	6,840.00	6,724.22	6,722.58	97.30	1.72	-88.45	-355.56	-3,024.21	2,127.27	2,055.09	72.17	29.474		
9,400.00	6,840.00	6,724.02	6,722.38	99.73	1.72	-88.44	-355.56	-3,024.21	2,180.44	2,108.63	71.80	30.366		
9,500.00	6,840.00	6,723.83	6,722.19	102.17	1.72	-88.43	-355.55	-3,024.21	2,236.82	2,165.44	71.38	31.337		
9,600.00	6,840.00	6,723.64	6,722.00	104.63	1.72	-88.43	-355.55	-3,024.21	2,296.17	2,225.26	70.91	32.380		
9,700.00	6,840.00	6,723.45	6,721.81	107.10	1.72	-88.42	-355.54	-3,024.21	2,358.28	2,287.86	70.42	33.491		
9,800.00	6,840.00	6,723.26	6,721.62	109.58	1.72	-88.42	-355.54	-3,024.21	2,422.91	2,353.02	69.89	34.665		
9,900.00	6,840.00	6,723.08	6,721.43	112.07	1.72	-88.41	-355.53	-3,024.21	2,489.89	2,420.53	69.36	35.899		
10,000.00	6,840.00	6,722.89	6,721.25	114.58	1.72	-88.41	-355.53	-3,024.21	2,559.03	2,490.21	68.81	37.189		
10,100.00	6,840.00	6,722.71	6,721.07	117.09	1.72	-88.40	-355.52	-3,024.21	2,630.15	2,561.88	68.26	38.530		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,722.53	6,720.89	119.61	1.72	-88.39	-355.52	-3,024.21	2,703.09	2,635.38	67.71	39.919		
10,300.00	6,840.00	6,722.35	6,720.71	122.14	1.72	-88.39	-355.51	-3,024.21	2,777.73	2,710.56	67.17	41.353		
10,400.00	6,840.00	6,722.18	6,720.54	124.68	1.72	-88.38	-355.51	-3,024.21	2,853.91	2,787.28	66.64	42.829		
10,500.00	6,840.00	6,722.00	6,720.36	127.23	1.72	-88.38	-355.50	-3,024.21	2,931.53	2,865.42	66.11	44.343		
10,600.00	6,840.00	6,721.83	6,720.19	129.78	1.72	-88.37	-355.50	-3,024.21	3,010.47	2,944.87	65.60	45.894		
10,700.00	6,840.00	6,721.66	6,720.02	132.35	1.72	-88.37	-355.50	-3,024.21	3,090.62	3,025.53	65.10	47.478		
10,800.00	6,840.00	6,721.49	6,719.85	134.91	1.72	-88.36	-355.49	-3,024.21	3,171.91	3,107.30	64.61	49.094		
10,900.00	6,840.00	6,721.32	6,719.68	137.49	1.72	-88.36	-355.49	-3,024.22	3,254.24	3,190.10	64.14	50.739		
11,000.00	6,840.00	6,721.16	6,719.52	140.07	1.72	-88.35	-355.48	-3,024.22	3,337.53	3,273.85	63.68	52.411		
11,100.00	6,840.00	6,720.99	6,719.35	142.65	1.72	-88.35	-355.48	-3,024.22	3,421.72	3,358.48	63.24	54.108		
11,200.00	6,840.00	6,720.83	6,719.19	145.24	1.72	-88.34	-355.47	-3,024.22	3,506.74	3,443.92	62.81	55.828		
11,300.00	6,840.00	6,720.67	6,719.03	147.83	1.72	-88.34	-355.47	-3,024.22	3,592.53	3,530.12	62.40	57.570		
11,400.00	6,840.00	6,720.51	6,718.87	150.43	1.72	-88.33	-355.47	-3,024.22	3,679.04	3,617.03	62.01	59.332		
11,500.00	6,840.00	6,720.35	6,718.71	153.04	1.72	-88.33	-355.46	-3,024.22	3,766.21	3,704.58	61.63	61.113		
11,600.00	6,840.00	6,720.20	6,718.56	155.64	1.72	-88.32	-355.46	-3,024.22	3,854.01	3,792.75	61.26	62.910		
11,700.00	6,840.00	6,720.04	6,718.40	158.26	1.72	-88.32	-355.45	-3,024.22	3,942.39	3,881.48	60.91	64.724		
11,800.00	6,840.00	6,719.89	6,718.25	160.87	1.72	-88.31	-355.45	-3,024.22	4,031.31	3,970.74	60.57	66.553		
11,900.00	6,840.00	6,719.74	6,718.10	163.49	1.72	-88.31	-355.45	-3,024.22	4,120.75	4,060.50	60.25	68.396		
12,000.00	6,840.00	6,719.59	6,717.94	166.11	1.72	-88.30	-355.44	-3,024.22	4,210.65	4,150.71	59.94	70.251		
12,100.00	6,840.00	6,719.44	6,717.80	168.74	1.72	-88.30	-355.44	-3,024.22	4,301.00	4,241.37	59.64	72.118		
12,200.00	6,840.00	6,719.29	6,717.65	171.37	1.72	-88.29	-355.44	-3,024.22	4,391.78	4,332.42	59.35	73.995		
12,300.00	6,840.00	6,719.14	6,717.50	174.00	1.72	-88.29	-355.43	-3,024.22	4,482.94	4,423.86	59.08	75.883		
12,400.00	6,840.00	6,719.00	6,717.36	176.63	1.72	-88.28	-355.43	-3,024.22	4,574.47	4,515.66	58.81	77.779		
12,500.00	6,840.00	6,718.85	6,717.21	179.27	1.72	-88.28	-355.42	-3,024.22	4,666.35	4,607.79	58.56	79.684		
12,600.00	6,840.00	6,718.71	6,717.07	181.91	1.72	-88.27	-355.42	-3,024.22	4,758.56	4,700.24	58.32	81.596		
12,700.00	6,840.00	6,718.57	6,716.93	184.55	1.72	-88.27	-355.42	-3,024.22	4,851.08	4,792.99	58.09	83.515		
12,800.00	6,840.00	6,718.43	6,716.79	187.19	1.72	-88.27	-355.41	-3,024.22	4,943.88	4,886.02	57.86	85.441		
12,900.00	6,840.00	6,718.29	6,716.65	189.84	1.72	-88.26	-355.41	-3,024.22	5,036.97	4,979.32	57.65	87.372		
13,000.00	6,840.00	6,718.15	6,716.51	192.48	1.72	-88.26	-355.41	-3,024.22	5,130.31	5,072.86	57.44	89.308		
13,100.00	6,840.00	6,718.02	6,716.38	195.13	1.72	-88.25	-355.40	-3,024.22	5,223.90	5,166.65	57.25	91.249		
13,200.00	6,840.00	6,717.88	6,716.24	197.79	1.72	-88.25	-355.40	-3,024.22	5,317.72	5,260.66	57.06	93.194		
13,300.00	6,840.00	6,717.75	6,716.11	200.44	1.72	-88.24	-355.40	-3,024.22	5,411.77	5,354.89	56.88	95.142		
13,400.00	6,840.00	6,717.62	6,715.98	203.10	1.72	-88.24	-355.39	-3,024.22	5,506.02	5,449.31	56.71	97.094		
13,500.00	6,840.00	6,717.49	6,715.85	205.75	1.72	-88.24	-355.39	-3,024.22	5,600.47	5,543.93	56.54	99.048		
13,600.00	6,840.00	6,717.36	6,715.72	208.41	1.72	-88.23	-355.39	-3,024.22	5,695.12	5,638.73	56.38	101.005		
13,700.00	6,840.00	6,717.23	6,715.59	211.07	1.72	-88.23	-355.38	-3,024.22	5,789.94	5,733.71	56.23	102.963		
13,800.00	6,840.00	6,717.10	6,715.46	213.74	1.72	-88.22	-355.38	-3,024.22	5,884.93	5,828.85	56.09	104.923		
13,900.00	6,840.00	6,716.97	6,715.33	216.40	1.72	-88.22	-355.38	-3,024.22	5,980.09	5,924.14	55.95	106.884		
14,000.00	6,840.00	6,716.85	6,715.21	219.06	1.72	-88.22	-355.37	-3,024.22	6,075.41	6,019.59	55.82	108.846		
14,100.00	6,840.00	6,716.72	6,715.08	221.73	1.72	-88.21	-355.37	-3,024.22	6,170.87	6,115.18	55.69	110.808		
14,200.00	6,840.00	6,716.60	6,714.96	224.40	1.72	-88.21	-355.37	-3,024.22	6,266.47	6,210.90	55.57	112.771		
14,300.00	6,840.00	6,716.48	6,714.84	227.07	1.72	-88.20	-355.37	-3,024.22	6,362.21	6,306.76	55.45	114.734		
14,400.00	6,840.00	6,716.35	6,714.71	229.74	1.72	-88.20	-355.36	-3,024.23	6,458.08	6,402.73	55.34	116.696		
14,500.00	6,840.00	6,716.23	6,714.59	232.41	1.72	-88.20	-355.36	-3,024.23	6,554.07	6,498.83	55.24	118.658		
14,600.00	6,840.00	6,716.11	6,714.47	235.08	1.72	-88.19	-355.36	-3,024.23	6,650.18	6,595.04	55.13	120.618		
14,700.00	6,840.00	6,716.00	6,714.36	237.75	1.72	-88.19	-355.35	-3,024.23	6,746.40	6,691.36	55.04	122.578		
14,800.00	6,840.00	6,715.88	6,714.24	240.43	1.72	-88.18	-355.35	-3,024.23	6,842.73	6,787.78	54.95	124.537		
14,900.00	6,840.00	6,715.76	6,714.12	243.10	1.72	-88.18	-355.35	-3,024.23	6,939.16	6,884.30	54.86	126.494		
15,000.00	6,840.00	6,715.65	6,714.01	245.78	1.72	-88.18	-355.34	-3,024.23	7,035.70	6,980.92	54.77	128.449		
15,100.00	6,840.00	6,715.53	6,713.89	248.46	1.72	-88.17	-355.34	-3,024.23	7,132.33	7,077.63	54.69	130.402		
15,200.00	6,840.00	6,715.42	6,713.78	251.14	1.72	-88.17	-355.34	-3,024.23	7,229.05	7,174.43	54.62	132.353		
15,300.00	6,840.00	6,715.31	6,713.67	253.82	1.72	-88.17	-355.34	-3,024.23	7,325.86	7,271.31	54.55	134.302		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	6,840.00	6,715.19	6,713.55	256.50	1.72	-88.16	-355.33	-3,024.23	7,422.75	7,368.27	54.48	136.248	
15,500.00	6,840.00	6,715.08	6,713.44	259.18	1.72	-88.16	-355.33	-3,024.23	7,519.72	7,465.31	54.42	138.192	
15,600.00	6,840.00	6,714.97	6,713.33	261.86	1.72	-88.16	-355.33	-3,024.23	7,616.78	7,562.42	54.35	140.133	
15,700.00	6,840.00	6,714.86	6,713.22	264.54	1.72	-88.15	-355.33	-3,024.23	7,713.91	7,659.61	54.30	142.071	
15,800.00	6,840.00	6,700.00	6,698.36	267.23	1.72	-87.69	-354.97	-3,024.25	7,811.13	7,756.95	54.18	144.159	
15,900.00	6,840.00	6,700.00	6,698.36	269.91	1.72	-87.69	-354.97	-3,024.25	7,908.40	7,854.27	54.13	146.091	
16,000.00	6,840.00	6,700.00	6,698.36	272.59	1.72	-87.69	-354.97	-3,024.25	8,005.74	7,951.65	54.09	148.020	
16,100.00	6,840.00	6,700.00	6,698.36	275.28	1.72	-87.69	-354.97	-3,024.25	8,103.14	8,049.10	54.04	149.945	
16,200.00	6,840.00	6,700.00	6,698.36	277.97	1.72	-87.69	-354.97	-3,024.25	8,200.61	8,146.61	54.00	151.866	
16,300.00	6,840.00	6,700.00	6,698.36	280.65	1.72	-87.69	-354.97	-3,024.25	8,298.13	8,244.17	53.96	153.784	
16,400.00	6,840.00	6,700.00	6,698.36	283.34	1.72	-87.69	-354.97	-3,024.25	8,395.71	8,341.79	53.92	155.698	
16,500.00	6,840.00	6,700.00	6,698.36	286.03	1.72	-87.69	-354.97	-3,024.25	8,493.35	8,439.46	53.89	157.608	
16,600.00	6,840.00	6,700.00	6,698.36	288.72	1.72	-87.69	-354.97	-3,024.25	8,591.05	8,537.19	53.86	159.513	
16,700.00	6,840.00	6,700.00	6,698.36	291.41	1.72	-87.69	-354.97	-3,024.25	8,688.79	8,634.97	53.83	161.415	
16,800.00	6,840.00	6,700.00	6,698.36	294.10	1.72	-87.69	-354.97	-3,024.25	8,786.59	8,732.79	53.80	163.312	
16,900.00	6,840.00	6,700.00	6,698.36	296.79	1.72	-87.69	-354.97	-3,024.25	8,884.44	8,830.66	53.78	165.205	
17,000.00	6,840.00	6,700.00	6,698.36	299.48	1.72	-87.69	-354.97	-3,024.25	8,982.33	8,928.57	53.76	167.093	
17,100.00	6,840.00	6,700.00	6,698.36	302.17	1.72	-87.69	-354.97	-3,024.25	9,080.27	9,026.53	53.74	168.977	
17,200.00	6,840.00	6,700.00	6,698.36	304.86	1.72	-87.69	-354.97	-3,024.25	9,178.25	9,124.53	53.72	170.856	
17,300.00	6,840.00	6,700.00	6,698.36	307.56	1.72	-87.69	-354.97	-3,024.25	9,276.28	9,222.58	53.70	172.730	
17,400.00	6,840.00	6,700.00	6,698.36	310.25	1.72	-87.69	-354.97	-3,024.25	9,374.35	9,320.66	53.69	174.599	
17,500.00	6,840.00	6,700.00	6,698.36	312.94	1.72	-87.69	-354.97	-3,024.25	9,472.46	9,418.78	53.68	176.464	
17,600.00	6,840.00	6,700.00	6,698.36	315.64	1.72	-87.69	-354.97	-3,024.25	9,570.61	9,516.94	53.67	178.323	
17,700.00	6,840.00	6,700.00	6,698.36	318.33	1.72	-87.69	-354.97	-3,024.25	9,668.79	9,615.13	53.66	180.177	
17,800.00	6,840.00	6,700.00	6,698.36	321.03	1.72	-87.69	-354.97	-3,024.25	9,767.02	9,713.36	53.66	182.027	
17,900.00	6,840.00	6,700.00	6,698.36	323.72	1.72	-87.69	-354.97	-3,024.25	9,865.27	9,811.62	53.65	183.871	
18,000.00	6,840.00	6,700.00	6,698.36	326.42	1.72	-87.69	-354.97	-3,024.25	9,963.57	9,909.92	53.65	185.710	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-112.38	-1,686.76	-4,096.64	4,430.94					
100.00	100.00	26.24	26.24	0.13	0.03	-112.38	-1,686.73	-4,096.65	4,430.30	4,430.14	0.16	N/A		
200.00	200.00	134.92	134.92	0.49	0.15	-112.37	-1,685.99	-4,096.83	4,430.21	4,429.56	0.64	6,894.117		
300.00	300.00	233.35	233.34	0.85	0.26	-112.35	-1,684.86	-4,096.95	4,429.88	4,428.77	1.11	3,993.971		
332.99	332.99	258.00	257.99	0.97	0.29	-112.35	-1,684.59	-4,097.04	4,429.85	4,428.60	1.25	3,556.600		
400.00	400.00	315.85	315.83	1.21	0.33	-112.34	-1,684.03	-4,097.39	4,429.97	4,428.44	1.53	2,902.725		
500.00	500.00	445.57	445.54	1.57	0.41	-112.32	-1,682.41	-4,097.75	4,429.73	4,427.77	1.96	2,259.419		
600.00	599.98	549.58	549.55	1.92	0.47	-57.74	-1,681.22	-4,097.65	4,428.27	4,425.90	2.37	1,867.694		
700.00	699.84	632.51	632.48	2.28	0.52	-57.83	-1,680.25	-4,097.62	4,425.01	4,422.25	2.76	1,601.723		
800.00	799.45	700.00	699.96	2.65	0.54	-57.96	-1,679.66	-4,098.03	4,420.59	4,417.45	3.15	1,404.869		
900.00	898.70	832.37	832.31	3.02	0.61	-58.22	-1,678.02	-4,098.84	4,414.17	4,410.60	3.57	1,237.336		
1,000.00	997.47	920.07	920.01	3.42	0.65	-58.51	-1,677.43	-4,099.00	4,405.81	4,401.82	3.99	1,105.072		
1,100.00	1,095.62	1,003.11	1,003.04	3.84	0.69	-58.84	-1,676.56	-4,099.58	4,396.00	4,391.57	4.42	994.294		
1,200.00	1,193.06	1,117.25	1,117.17	4.30	0.74	-59.31	-1,675.29	-4,100.30	4,384.35	4,379.46	4.89	896.795		
1,300.00	1,289.64	1,197.38	1,197.30	4.79	0.77	-59.77	-1,674.70	-4,100.73	4,371.10	4,365.73	5.37	813.566		
1,400.00	1,385.27	1,314.60	1,314.52	5.33	0.81	-60.41	-1,673.65	-4,101.27	4,356.08	4,350.18	5.90	738.474		
1,500.00	1,479.82	1,381.82	1,381.73	5.92	0.83	-60.95	-1,673.26	-4,101.60	4,339.68	4,333.23	6.45	673.203		
1,600.00	1,573.17	1,471.12	1,471.02	6.56	0.86	-61.63	-1,673.11	-4,102.32	4,322.21	4,315.16	7.05	613.094		
1,700.00	1,665.22	1,571.98	1,571.89	7.26	0.90	-62.40	-1,672.61	-4,103.15	4,303.26	4,295.55	7.71	558.156		
1,800.00	1,756.74	1,644.19	1,644.09	7.99	0.93	-62.74	-1,672.29	-4,103.72	4,283.98	4,275.58	8.40	510.240		
1,900.00	1,848.26	1,718.03	1,717.92	8.75	0.95	-63.09	-1,671.85	-4,104.96	4,265.59	4,256.48	9.10	468.592		
2,000.00	1,939.78	1,866.15	1,866.03	9.51	1.01	-63.81	-1,671.11	-4,106.11	4,246.71	4,236.87	9.84	431.615		
2,100.00	2,031.30	1,953.81	1,953.68	10.29	1.04	-64.23	-1,670.17	-4,106.51	4,227.70	4,217.13	10.58	399.691		
2,200.00	2,122.82	2,051.72	2,051.58	11.07	1.08	-64.70	-1,668.45	-4,107.52	4,209.17	4,197.84	11.33	371.534		
2,300.00	2,214.34	2,154.49	2,154.33	11.86	1.12	-65.20	-1,666.75	-4,108.03	4,190.50	4,178.41	12.09	346.553		
2,400.00	2,305.85	2,236.08	2,235.91	12.66	1.15	-65.60	-1,665.73	-4,108.32	4,172.18	4,159.32	12.86	324.377		
2,500.00	2,397.37	2,310.48	2,310.30	13.46	1.17	-65.97	-1,664.84	-4,108.86	4,154.48	4,140.84	13.64	304.579		
2,600.00	2,488.89	2,379.53	2,379.34	14.26	1.20	-66.31	-1,663.86	-4,109.84	4,137.54	4,123.12	14.43	286.819		
2,700.00	2,580.41	2,472.39	2,472.18	15.07	1.23	-66.76	-1,662.51	-4,111.57	4,121.22	4,106.00	15.22	270.773		
2,800.00	2,671.93	2,571.83	2,571.60	15.88	1.27	-67.26	-1,661.32	-4,113.06	4,105.02	4,088.99	16.02	256.215		
2,900.00	2,763.45	2,662.89	2,662.62	16.69	1.30	-67.71	-1,659.57	-4,114.72	4,089.03	4,072.20	16.83	242.987		
3,000.00	2,854.97	2,759.89	2,759.59	17.51	1.34	-68.19	-1,657.74	-4,116.50	4,073.36	4,055.72	17.64	230.911		
3,100.00	2,946.49	2,904.42	2,904.10	18.32	1.39	-68.93	-1,655.67	-4,117.72	4,057.49	4,039.04	18.46	219.838		
3,200.00	3,038.00	2,981.08	2,980.73	19.14	1.42	-69.32	-1,653.86	-4,118.32	4,041.36	4,022.08	19.28	209.628		
3,300.00	3,129.52	3,062.85	3,062.47	19.96	1.45	-69.74	-1,651.89	-4,119.27	4,025.80	4,005.70	20.11	200.234		
3,400.00	3,221.04	3,142.83	3,142.44	20.77	1.48	-70.15	-1,650.52	-4,120.09	4,010.80	3,989.87	20.94	191.560		
3,500.00	3,312.56	3,227.07	3,226.65	21.59	1.51	-70.58	-1,648.63	-4,121.57	3,996.41	3,974.64	21.77	183.548		
3,600.00	3,404.08	3,340.51	3,340.05	22.42	1.55	-71.17	-1,646.41	-4,123.21	3,982.26	3,959.65	22.61	176.111		
3,700.00	3,495.60	3,458.01	3,457.50	23.24	1.59	-71.78	-1,642.93	-4,124.53	3,967.59	3,944.13	23.45	169.168		
3,800.00	3,587.12	3,582.04	3,581.42	24.06	1.63	-72.41	-1,638.20	-4,125.99	3,952.89	3,928.59	24.30	162.697		
3,900.00	3,678.63	3,749.39	3,748.57	24.88	1.69	-73.27	-1,630.06	-4,125.78	3,936.76	3,911.63	25.13	156.639		
4,000.00	3,770.15	3,848.81	3,847.85	25.71	1.72	-73.79	-1,625.06	-4,124.74	3,920.30	3,894.32	25.99	150.862		
4,100.00	3,861.67	3,938.96	3,937.91	26.53	1.74	-74.27	-1,620.85	-4,123.43	3,904.05	3,877.20	26.85	145.424		
4,200.00	3,953.19	4,015.37	4,014.22	27.35	1.77	-74.68	-1,617.16	-4,122.63	3,888.34	3,860.63	27.71	140.310		
4,300.00	4,044.71	4,077.79	4,076.58	28.18	1.79	-75.02	-1,614.42	-4,122.26	3,873.54	3,844.95	28.59	135.509		
4,400.00	4,136.23	4,149.17	4,147.90	29.01	1.81	-75.40	-1,611.66	-4,122.19	3,859.71	3,830.25	29.46	131.023		
4,500.00	4,227.75	4,220.69	4,219.37	29.83	1.84	-75.79	-1,608.82	-4,122.58	3,846.64	3,816.30	30.33	126.813		
4,600.00	4,319.27	4,282.31	4,280.93	30.66	1.86	-76.12	-1,606.52	-4,123.38	3,834.56	3,803.35	31.21	122.862		
4,700.00	4,410.78	4,358.21	4,356.79	31.48	1.88	-76.53	-1,604.14	-4,124.66	3,823.44	3,791.35	32.09	119.160		
4,800.00	4,502.30	4,464.50	4,463.04	32.31	1.92	-77.12	-1,601.66	-4,125.93	3,812.80	3,779.84	32.96	115.670		
4,900.00	4,593.82	4,558.33	4,556.82	33.14	1.95	-77.64	-1,598.95	-4,126.89	3,802.05	3,768.21	33.84	112.346		
5,000.00	4,685.34	4,690.61	4,689.03	33.96	2.00	-78.38	-1,594.80	-4,128.26	3,791.61	3,756.89	34.72	109.212		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,782.17	4,780.55	34.79	2.03	-78.90	-1,591.98	-4,128.14	3,780.65	3,745.05	35.61	106.183		
5,200.00	4,868.38	4,903.16	4,901.50	35.62	2.06	-79.61	-1,588.93	-4,126.99	3,769.87	3,733.38	36.49	103.303		
5,300.00	4,959.90	4,973.73	4,972.04	36.45	2.08	-80.03	-1,587.05	-4,126.26	3,759.32	3,721.93	37.39	100.544		
5,400.00	5,051.41	5,050.12	5,048.40	37.27	2.10	-80.47	-1,585.05	-4,125.96	3,749.60	3,711.31	38.28	97.939		
5,500.00	5,142.93	5,134.40	5,132.65	38.10	2.13	-80.96	-1,582.73	-4,126.11	3,740.57	3,701.39	39.18	95.475		
5,600.00	5,234.45	5,217.20	5,215.42	38.93	2.16	-81.45	-1,580.86	-4,125.96	3,732.01	3,691.94	40.07	93.130		
5,700.00	5,325.97	5,276.13	5,274.35	39.76	2.17	-81.81	-1,579.88	-4,126.05	3,724.46	3,683.49	40.97	90.915		
5,800.00	5,417.49	5,346.62	5,344.83	40.59	2.20	-82.23	-1,579.10	-4,126.59	3,718.04	3,676.18	41.85	88.831		
5,900.00	5,509.01	5,431.09	5,429.30	41.42	2.22	-82.74	-1,578.63	-4,127.20	3,712.37	3,669.63	42.74	86.859		
6,000.00	5,600.53	5,552.11	5,550.31	42.25	2.26	-83.47	-1,577.54	-4,128.17	3,706.99	3,663.37	43.62	84.976		
6,100.00	5,692.04	5,648.51	5,646.69	43.07	2.29	-84.04	-1,575.55	-4,128.91	3,701.14	3,656.63	44.51	83.153		
6,200.00	5,783.56	5,736.08	5,734.23	43.90	2.32	-84.55	-1,573.83	-4,130.15	3,696.15	3,650.75	45.40	81.420		
6,300.00	5,875.08	5,842.37	5,840.49	44.73	2.36	-85.19	-1,571.56	-4,130.92	3,690.99	3,644.70	46.28	79.751		
6,400.00	5,966.60	5,920.51	5,918.61	45.56	2.38	-85.65	-1,569.88	-4,131.87	3,686.53	3,639.36	47.17	78.160		
6,500.00	6,058.12	6,019.29	6,017.37	46.39	2.42	-86.24	-1,568.30	-4,132.47	3,682.50	3,634.45	48.05	76.637		
6,600.00	6,149.64	6,120.31	6,118.37	47.22	2.45	-86.86	-1,566.50	-4,133.03	3,678.73	3,629.79	48.94	75.175		
6,700.00	6,241.16	6,226.39	6,224.42	48.05	2.49	-87.49	-1,564.08	-4,133.55	3,674.96	3,625.14	49.82	73.768		
6,800.00	6,332.68	6,312.61	6,310.61	48.88	2.52	-88.01	-1,561.77	-4,134.40	3,671.59	3,620.90	50.70	72.422		
6,900.00	6,424.19	6,405.98	6,403.91	49.71	2.55	-88.54	-1,558.60	-4,136.27	3,668.67	3,617.10	51.57	71.139		
7,000.00	6,514.88	6,477.96	6,475.83	50.58	2.57	-83.05	-1,556.16	-4,138.05	3,664.88	3,612.40	52.48	69.840		
7,100.00	6,599.14	6,548.03	6,545.84	51.67	2.60	-77.26	-1,554.09	-4,139.95	3,652.50	3,598.89	53.61	68.135		
7,200.00	6,673.85	6,611.80	6,609.53	53.01	2.62	-75.45	-1,552.04	-4,142.33	3,630.97	3,575.99	54.98	66.045		
7,300.00	6,736.73	6,665.27	6,662.91	54.56	2.63	-76.10	-1,550.24	-4,144.81	3,601.32	3,544.76	56.56	63.674		
7,400.00	6,785.87	6,707.93	6,705.49	56.29	2.65	-78.51	-1,548.77	-4,147.08	3,564.81	3,506.50	58.31	61.136		
7,500.00	6,819.79	6,736.50	6,733.99	58.13	2.66	-82.21	-1,547.81	-4,148.73	3,522.88	3,462.70	60.18	58.543		
7,600.00	6,837.44	6,753.72	6,751.17	60.02	2.66	-86.91	-1,547.26	-4,149.76	3,477.03	3,414.94	62.09	55.997		
7,700.00	6,840.00	6,760.12	6,757.56	61.90	2.66	-89.86	-1,547.06	-4,150.16	3,429.13	3,365.13	64.00	53.577		
7,800.00	6,840.00	6,764.71	6,762.14	63.83	2.67	-89.95	-1,546.92	-4,150.44	3,382.87	3,316.91	65.96	51.290		
7,900.00	6,840.00	6,769.38	6,766.79	65.81	2.67	-90.03	-1,546.77	-4,150.73	3,338.96	3,271.00	67.96	49.130		
8,000.00	6,840.00	6,774.12	6,771.52	67.84	2.67	-90.12	-1,546.63	-4,151.03	3,297.48	3,227.47	70.01	47.099		
8,100.00	6,840.00	6,778.94	6,776.33	69.91	2.67	-90.21	-1,546.48	-4,151.34	3,258.54	3,186.44	72.10	45.193		
8,200.00	6,840.00	6,783.83	6,781.21	72.03	2.67	-90.31	-1,546.34	-4,151.65	3,222.22	3,148.00	74.22	43.412		
8,300.00	6,840.00	6,788.81	6,786.18	74.18	2.67	-90.40	-1,546.19	-4,151.97	3,188.62	3,112.25	76.37	41.752		
8,400.00	6,840.00	6,793.87	6,791.23	76.37	2.67	-90.50	-1,546.04	-4,152.30	3,157.82	3,079.29	78.53	40.212		
8,500.00	6,840.00	6,800.00	6,797.34	78.59	2.68	-90.61	-1,545.87	-4,152.70	3,129.90	3,049.20	80.69	38.788		
8,600.00	6,840.00	6,804.76	6,802.08	80.85	2.68	-90.70	-1,545.73	-4,153.02	3,104.94	3,022.08	82.85	37.476		
8,700.00	6,840.00	6,810.61	6,807.91	83.13	2.68	-90.81	-1,545.56	-4,153.40	3,083.00	2,998.01	85.00	36.273		
8,800.00	6,840.00	6,816.44	6,813.73	85.44	2.68	-90.93	-1,545.40	-4,153.79	3,064.17	2,977.06	87.11	35.174		
8,900.00	6,840.00	6,822.26	6,819.54	87.77	2.68	-91.04	-1,545.24	-4,154.17	3,048.49	2,959.29	89.20	34.177		
9,000.00	6,840.00	6,828.07	6,825.34	90.12	2.68	-91.15	-1,545.08	-4,154.55	3,036.01	2,944.77	91.23	33.277		
9,100.00	6,840.00	6,833.87	6,831.12	92.50	2.69	-91.26	-1,544.92	-4,154.93	3,026.77	2,933.55	93.22	32.471		
9,200.00	6,840.00	6,839.65	6,836.89	94.89	2.69	-91.36	-1,544.76	-4,155.31	3,020.80	2,925.67	95.13	31.754		
9,300.00	6,840.00	6,845.42	6,842.64	97.30	2.69	-91.47	-1,544.61	-4,155.69	3,018.12	2,921.15	96.98	31.122		
9,331.13	6,840.00	6,847.22	6,844.43	98.06	2.69	-91.51	-1,544.56	-4,155.81	3,017.96	2,920.43	97.54	30.942 CC		
9,400.00	6,840.00	6,851.18	6,848.39	99.73	2.69	-91.58	-1,544.46	-4,156.07	3,018.75	2,920.01	98.74	30.573 ES		
9,500.00	6,840.00	6,856.93	6,854.12	102.17	2.69	-91.69	-1,544.31	-4,156.44	3,022.67	2,922.25	100.42	30.101		
9,600.00	6,840.00	6,862.66	6,859.83	104.63	2.69	-91.80	-1,544.16	-4,156.82	3,029.87	2,927.87	102.00	29.705		
9,700.00	6,840.00	6,868.38	6,865.54	107.10	2.70	-91.91	-1,544.01	-4,157.19	3,040.34	2,936.85	103.48	29.380		
9,800.00	6,840.00	6,874.08	6,871.23	109.58	2.70	-92.02	-1,543.86	-4,157.56	3,054.03	2,949.17	104.87	29.123		
9,900.00	6,840.00	6,879.78	6,876.91	112.07	2.70	-92.13	-1,543.72	-4,157.93	3,070.91	2,964.77	106.15	28.931		
10,000.00	6,840.00	6,885.46	6,882.58	114.58	2.70	-92.23	-1,543.58	-4,158.30	3,090.92	2,983.60	107.32	28.801		
10,100.00	6,840.00	6,891.13	6,888.24	117.09	2.70	-92.34	-1,543.44	-4,158.67	3,114.01	3,005.62	108.39	28.730		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,896.78	6,893.88	119.61	2.70	-92.45	-1,543.30	-4,159.04	3,140.10	3,030.74	109.35	28.716	SF	
10,300.00	6,840.00	6,900.00	6,897.09	122.14	2.70	-92.51	-1,543.22	-4,159.24	3,169.12	3,058.91	110.21	28.756		
10,400.00	6,840.00	6,906.97	6,904.04	124.68	2.71	-92.64	-1,543.06	-4,159.69	3,200.99	3,090.02	110.97	28.845		
10,500.00	6,840.00	6,911.76	6,908.82	127.23	2.71	-92.73	-1,542.95	-4,160.00	3,235.63	3,123.99	111.63	28.984		
10,600.00	6,840.00	6,916.49	6,913.54	129.78	2.71	-92.82	-1,542.84	-4,160.30	3,272.95	3,160.74	112.20	29.170		
10,700.00	6,840.00	6,921.17	6,918.21	132.35	2.71	-92.91	-1,542.73	-4,160.60	3,312.86	3,200.17	112.68	29.400		
10,800.00	6,840.00	6,925.78	6,922.81	134.91	2.71	-93.00	-1,542.63	-4,160.89	3,355.27	3,242.19	113.08	29.672		
10,900.00	6,840.00	6,930.34	6,927.36	137.49	2.71	-93.08	-1,542.53	-4,161.17	3,400.08	3,286.68	113.40	29.984		
11,000.00	6,840.00	6,934.84	6,931.85	140.07	2.71	-93.17	-1,542.43	-4,161.45	3,447.20	3,333.56	113.64	30.335		
11,100.00	6,840.00	6,939.28	6,936.28	142.65	2.71	-93.25	-1,542.34	-4,161.72	3,496.55	3,382.73	113.81	30.722		
11,200.00	6,840.00	6,943.67	6,940.66	145.24	2.72	-93.33	-1,542.25	-4,161.99	3,548.01	3,434.09	113.92	31.144		
11,300.00	6,840.00	6,948.01	6,944.99	147.83	2.72	-93.42	-1,542.16	-4,162.26	3,601.51	3,487.54	113.97	31.600		
11,400.00	6,840.00	6,952.29	6,949.27	150.43	2.72	-93.50	-1,542.07	-4,162.51	3,656.96	3,542.99	113.97	32.087		
11,500.00	6,840.00	6,956.53	6,953.49	153.04	2.72	-93.58	-1,541.99	-4,162.77	3,714.26	3,600.35	113.92	32.605		
11,600.00	6,840.00	6,960.71	6,957.66	155.64	2.72	-93.66	-1,541.91	-4,163.02	3,773.34	3,659.52	113.82	33.151		
11,700.00	6,840.00	6,964.84	6,961.79	158.26	2.72	-93.74	-1,541.83	-4,163.26	3,834.11	3,720.42	113.69	33.725		
11,800.00	6,840.00	6,968.92	6,965.86	160.87	2.72	-93.81	-1,541.75	-4,163.51	3,896.49	3,782.98	113.52	34.326		
11,900.00	6,840.00	6,972.96	6,969.89	163.49	2.72	-93.89	-1,541.68	-4,163.74	3,960.41	3,847.10	113.31	34.952		
12,000.00	6,840.00	6,976.95	6,973.87	166.11	2.72	-93.96	-1,541.60	-4,163.98	4,025.80	3,912.72	113.08	35.602		
12,100.00	6,840.00	6,980.89	6,977.80	168.74	2.73	-94.04	-1,541.53	-4,164.20	4,092.57	3,979.75	112.82	36.274		
12,200.00	6,840.00	6,984.78	6,981.69	171.37	2.73	-94.11	-1,541.46	-4,164.43	4,160.68	4,048.13	112.54	36.970		
12,300.00	6,840.00	6,988.63	6,985.54	174.00	2.73	-94.19	-1,541.40	-4,164.65	4,230.04	4,117.79	112.25	37.686		
12,400.00	6,840.00	7,000.00	6,996.88	176.63	2.73	-94.40	-1,541.21	-4,165.29	4,300.62	4,188.67	111.95	38.416		
12,500.00	6,840.00	7,000.00	6,996.88	179.27	2.73	-94.40	-1,541.21	-4,165.29	4,372.32	4,260.71	111.61	39.174		
12,600.00	6,840.00	7,000.00	6,996.88	181.91	2.73	-94.40	-1,541.21	-4,165.29	4,445.12	4,333.85	111.26	39.951		
12,700.00	6,840.00	7,000.00	6,996.88	184.55	2.73	-94.40	-1,541.21	-4,165.29	4,518.95	4,408.05	110.90	40.747		
12,800.00	6,840.00	7,000.00	6,996.88	187.19	2.73	-94.40	-1,541.21	-4,165.29	4,593.78	4,483.24	110.54	41.559		
12,900.00	6,840.00	7,000.00	6,996.88	189.84	2.73	-94.40	-1,541.21	-4,165.29	4,669.55	4,559.38	110.16	42.387		
13,000.00	6,840.00	7,000.00	6,996.88	192.48	2.73	-94.40	-1,541.21	-4,165.29	4,746.21	4,636.43	109.79	43.232		
13,100.00	6,840.00	7,000.00	6,996.88	195.13	2.73	-94.40	-1,541.21	-4,165.29	4,823.73	4,714.33	109.40	44.091		
13,200.00	6,840.00	7,000.00	6,996.88	197.79	2.73	-94.40	-1,541.21	-4,165.29	4,902.07	4,793.05	109.02	44.965		
13,300.00	6,840.00	7,000.00	6,996.88	200.44	2.73	-94.40	-1,541.21	-4,165.29	4,981.18	4,872.55	108.63	45.853		
13,400.00	6,840.00	7,000.00	6,996.88	203.10	2.73	-94.40	-1,541.21	-4,165.29	5,061.03	4,952.78	108.25	46.754		
13,500.00	6,840.00	7,000.00	6,996.88	205.75	2.73	-94.40	-1,541.21	-4,165.29	5,141.59	5,033.72	107.86	47.668		
13,600.00	6,840.00	7,000.00	6,996.88	208.41	2.73	-94.40	-1,541.21	-4,165.29	5,222.81	5,115.34	107.48	48.594		
13,700.00	6,840.00	7,000.00	6,996.88	211.07	2.73	-94.40	-1,541.21	-4,165.29	5,304.68	5,197.59	107.10	49.532		
13,800.00	6,840.00	7,000.00	6,996.88	213.74	2.73	-94.40	-1,541.21	-4,165.29	5,387.16	5,280.45	106.72	50.481		
13,900.00	6,840.00	7,000.00	6,996.88	216.40	2.73	-94.40	-1,541.21	-4,165.29	5,470.23	5,363.89	106.34	51.441		
14,000.00	6,840.00	7,000.00	6,996.88	219.06	2.73	-94.40	-1,541.21	-4,165.29	5,553.85	5,447.89	105.97	52.411		
14,100.00	6,840.00	7,000.00	6,996.88	221.73	2.73	-94.40	-1,541.21	-4,165.29	5,638.01	5,532.41	105.60	53.392		
14,200.00	6,840.00	7,000.00	6,996.88	224.40	2.73	-94.40	-1,541.21	-4,165.29	5,722.68	5,617.44	105.23	54.382		
14,300.00	6,840.00	7,000.00	6,996.88	227.07	2.73	-94.40	-1,541.21	-4,165.29	5,807.83	5,702.96	104.87	55.381		
14,400.00	6,840.00	7,000.00	6,996.88	229.74	2.73	-94.40	-1,541.21	-4,165.29	5,893.45	5,788.94	104.52	56.389		
14,500.00	6,840.00	7,000.00	6,996.88	232.41	2.73	-94.40	-1,541.21	-4,165.29	5,979.52	5,875.35	104.16	57.405		
14,600.00	6,840.00	7,000.00	6,996.88	235.08	2.73	-94.40	-1,541.21	-4,165.29	6,066.01	5,962.20	103.82	58.430		
14,700.00	6,840.00	7,000.00	6,996.88	237.75	2.73	-94.40	-1,541.21	-4,165.29	6,152.92	6,049.44	103.48	59.462		
14,800.00	6,840.00	7,000.00	6,996.88	240.43	2.73	-94.40	-1,541.21	-4,165.29	6,240.21	6,137.07	103.14	60.502		
14,900.00	6,840.00	7,000.00	6,996.88	243.10	2.73	-94.40	-1,541.21	-4,165.29	6,327.89	6,225.07	102.81	61.549		
15,000.00	6,840.00	7,000.00	6,996.88	245.78	2.73	-94.40	-1,541.21	-4,165.29	6,415.92	6,313.43	102.49	62.603		
15,100.00	6,840.00	7,000.00	6,996.88	248.46	2.73	-94.40	-1,541.21	-4,165.29	6,504.30	6,402.13	102.17	63.664		
15,200.00	6,840.00	7,000.00	6,996.88	251.14	2.73	-94.40	-1,541.21	-4,165.29	6,593.01	6,491.15	101.85	64.731		
15,300.00	6,840.00	7,000.00	6,996.88	253.82	2.73	-94.40	-1,541.21	-4,165.29	6,682.04	6,580.49	101.54	65.804		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	7,000.00	6,996.88	256.50	2.73	-94.40	-1,541.21	-4,165.29	6,771.37	6,670.13	101.24	66.883		
15,500.00	6,840.00	7,000.00	6,996.88	259.18	2.73	-94.40	-1,541.21	-4,165.29	6,861.00	6,760.06	100.94	67.968		
15,600.00	6,840.00	7,000.00	6,996.88	261.86	2.73	-94.40	-1,541.21	-4,165.29	6,950.92	6,850.26	100.65	69.058		
15,700.00	6,840.00	7,000.00	6,996.88	264.54	2.73	-94.40	-1,541.21	-4,165.29	7,041.10	6,940.73	100.37	70.154		
15,800.00	6,840.00	7,000.00	6,996.88	267.23	2.73	-94.40	-1,541.21	-4,165.29	7,131.55	7,031.46	100.09	71.254		
15,900.00	6,840.00	7,000.00	6,996.88	269.91	2.73	-94.40	-1,541.21	-4,165.29	7,222.25	7,122.44	99.81	72.359		
16,000.00	6,840.00	7,000.00	6,996.88	272.59	2.73	-94.40	-1,541.21	-4,165.29	7,313.19	7,213.65	99.54	73.469		
16,100.00	6,840.00	7,000.00	6,996.88	275.28	2.73	-94.40	-1,541.21	-4,165.29	7,404.36	7,305.09	99.28	74.583		
16,200.00	6,840.00	7,000.00	6,996.88	277.97	2.73	-94.40	-1,541.21	-4,165.29	7,495.76	7,396.75	99.02	75.702		
16,300.00	6,840.00	7,000.00	6,996.88	280.65	2.73	-94.40	-1,541.21	-4,165.29	7,587.38	7,488.62	98.76	76.824		
16,400.00	6,840.00	7,000.00	6,996.88	283.34	2.73	-94.40	-1,541.21	-4,165.29	7,679.21	7,580.69	98.51	77.951		
16,500.00	6,840.00	7,000.00	6,996.88	286.03	2.73	-94.40	-1,541.21	-4,165.29	7,771.24	7,672.97	98.27	79.081		
16,600.00	6,840.00	7,000.00	6,996.88	288.72	2.73	-94.40	-1,541.21	-4,165.29	7,863.46	7,765.43	98.03	80.214		
16,700.00	6,840.00	7,000.00	6,996.88	291.41	2.73	-94.40	-1,541.21	-4,165.29	7,955.87	7,858.07	97.80	81.351		
16,800.00	6,840.00	7,000.00	6,996.88	294.10	2.73	-94.40	-1,541.21	-4,165.29	8,048.46	7,950.89	97.57	82.492		
16,900.00	6,840.00	7,000.00	6,996.88	296.79	2.73	-94.40	-1,541.21	-4,165.29	8,141.23	8,043.89	97.34	83.635		
17,000.00	6,840.00	7,000.00	6,996.88	299.48	2.73	-94.40	-1,541.21	-4,165.29	8,234.16	8,137.04	97.12	84.782		
17,100.00	6,840.00	7,000.00	6,996.88	302.17	2.73	-94.40	-1,541.21	-4,165.29	8,327.26	8,230.36	96.91	85.931		
17,200.00	6,840.00	7,000.00	6,996.88	304.86	2.73	-94.40	-1,541.21	-4,165.29	8,420.52	8,323.83	96.70	87.083		
17,300.00	6,840.00	7,000.00	6,996.88	307.56	2.73	-94.40	-1,541.21	-4,165.29	8,513.93	8,417.45	96.49	88.237		
17,400.00	6,840.00	7,000.00	6,996.88	310.25	2.73	-94.40	-1,541.21	-4,165.29	8,607.49	8,511.21	96.29	89.394		
17,500.00	6,840.00	7,000.00	6,996.88	312.94	2.73	-94.40	-1,541.21	-4,165.29	8,701.20	8,605.11	96.09	90.553		
17,600.00	6,840.00	7,000.00	6,996.88	315.64	2.73	-94.40	-1,541.21	-4,165.29	8,795.04	8,699.14	95.90	91.715		
17,700.00	6,840.00	7,000.00	6,996.88	318.33	2.73	-94.40	-1,541.21	-4,165.29	8,889.01	8,793.31	95.71	92.879		
17,800.00	6,840.00	7,000.00	6,996.88	321.03	2.73	-94.40	-1,541.21	-4,165.29	8,983.12	8,887.60	95.52	94.044		
17,900.00	6,840.00	7,000.00	6,996.88	323.72	2.73	-94.40	-1,541.21	-4,165.29	9,077.35	8,982.01	95.34	95.212		
18,000.00	6,840.00	7,000.00	6,996.88	326.42	2.73	-94.40	-1,541.21	-4,165.29	9,171.71	9,076.55	95.16	96.381		
18,100.00	6,840.00	7,000.00	6,996.88	329.11	2.73	-94.40	-1,541.21	-4,165.29	9,266.18	9,171.19	94.99	97.552		
18,200.00	6,840.00	7,000.00	6,996.88	331.81	2.73	-94.40	-1,541.21	-4,165.29	9,360.77	9,265.95	94.82	98.725		
18,300.00	6,840.00	7,000.00	6,996.88	334.51	2.73	-94.40	-1,541.21	-4,165.29	9,455.46	9,360.81	94.65	99.899		
18,400.00	6,840.00	7,000.00	6,996.88	337.20	2.73	-94.40	-1,541.21	-4,165.29	9,550.27	9,455.78	94.49	101.074		
18,500.00	6,840.00	7,000.00	6,996.88	339.90	2.73	-94.40	-1,541.21	-4,165.29	9,645.18	9,550.85	94.33	102.251		
18,600.00	6,840.00	7,000.00	6,996.88	342.60	2.73	-94.40	-1,541.21	-4,165.29	9,740.20	9,646.02	94.17	103.429		
18,700.00	6,840.00	7,000.00	6,996.88	345.30	2.73	-94.40	-1,541.21	-4,165.29	9,835.31	9,741.29	94.02	104.608		
18,800.00	6,840.00	7,000.00	6,996.88	348.00	2.73	-94.40	-1,541.21	-4,165.29	9,930.52	9,836.65	93.87	105.788		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-119.20	-1,661.42	-2,972.17	3,405.33					
100.00	100.00	44.88	44.88	0.13	0.05	-119.21	-1,661.51	-2,972.18	3,405.07	3,404.89	0.18	N/A		
200.00	200.00	134.20	134.20	0.49	0.15	-119.21	-1,662.15	-2,972.27	3,405.51	3,404.87	0.64	5,316.840		
300.00	300.00	233.43	233.42	0.85	0.26	-119.22	-1,662.70	-2,972.62	3,406.09	3,404.98	1.11	3,073.541		
400.00	400.00	337.43	337.42	1.21	0.34	-119.22	-1,662.98	-2,973.10	3,406.62	3,405.08	1.55	2,202.167		
500.00	500.00	446.81	446.81	1.57	0.40	-119.22	-1,662.93	-2,973.54	3,406.95	3,404.98	1.97	1,730.677		
600.00	599.98	552.42	552.41	1.92	0.45	-64.64	-1,662.44	-2,973.89	3,406.27	3,403.89	2.38	1,434.195		
700.00	699.84	656.87	656.86	2.28	0.50	-64.75	-1,661.83	-2,974.21	3,404.00	3,401.23	2.78	1,225.656		
800.00	799.45	768.41	768.40	2.65	0.55	-64.96	-1,660.98	-2,974.33	3,400.02	3,396.83	3.18	1,067.906		
900.00	898.70	871.49	871.47	3.02	0.59	-65.24	-1,660.08	-2,974.17	3,394.28	3,390.69	3.59	944.471		
1,000.00	997.47	966.80	966.78	3.42	0.63	-65.59	-1,659.22	-2,974.06	3,387.15	3,383.14	4.02	843.365		
1,100.00	1,095.62	1,061.68	1,061.65	3.84	0.66	-66.01	-1,658.38	-2,974.08	3,378.78	3,374.32	4.46	757.678		
1,200.00	1,193.06	1,151.98	1,151.95	4.30	0.70	-66.49	-1,657.62	-2,974.20	3,369.21	3,364.28	4.93	683.801		
1,300.00	1,289.64	1,241.89	1,241.86	4.79	0.74	-67.04	-1,656.98	-2,974.53	3,358.65	3,353.22	5.43	618.799		
1,400.00	1,385.27	1,336.43	1,336.40	5.33	0.77	-67.68	-1,656.41	-2,974.93	3,347.01	3,341.04	5.97	560.753		
1,500.00	1,479.82	1,429.08	1,429.04	5.92	0.81	-68.39	-1,655.88	-2,975.32	3,334.30	3,327.75	6.55	508.909		
1,600.00	1,573.17	1,515.08	1,515.04	6.56	0.83	-69.14	-1,655.73	-2,975.64	3,320.77	3,313.59	7.18	462.434		
1,700.00	1,665.22	1,601.07	1,601.03	7.26	0.86	-69.93	-1,655.79	-2,976.04	3,306.56	3,298.69	7.87	420.093		
1,800.00	1,756.74	1,700.13	1,700.09	7.99	0.89	-70.58	-1,655.45	-2,976.75	3,292.28	3,283.69	8.60	383.036		
1,900.00	1,848.26	1,793.25	1,793.20	8.75	0.93	-71.18	-1,654.68	-2,977.57	3,278.29	3,268.95	9.34	350.873		
2,000.00	1,939.78	1,888.61	1,888.55	9.51	0.96	-71.81	-1,653.95	-2,978.29	3,264.65	3,254.55	10.11	322.967		
2,100.00	2,031.30	1,972.25	1,972.19	10.29	0.99	-72.36	-1,653.35	-2,978.95	3,251.48	3,240.60	10.89	298.706		
2,200.00	2,122.82	2,080.38	2,080.32	11.07	1.03	-73.09	-1,652.50	-2,979.87	3,238.76	3,227.09	11.68	277.400		
2,300.00	2,214.34	2,192.26	2,192.19	11.86	1.06	-73.84	-1,651.49	-2,979.96	3,225.82	3,213.34	12.47	258.590		
2,400.00	2,305.85	2,304.99	2,304.91	12.66	1.09	-74.61	-1,650.06	-2,979.49	3,212.75	3,199.47	13.28	241.854		
2,500.00	2,397.37	2,406.72	2,406.62	13.46	1.12	-75.31	-1,648.29	-2,978.82	3,199.69	3,185.59	14.10	226.916		
2,600.00	2,488.89	2,498.66	2,498.54	14.26	1.15	-75.94	-1,646.36	-2,978.29	3,186.92	3,172.00	14.92	213.536		
2,700.00	2,580.41	2,589.36	2,589.22	15.07	1.18	-76.57	-1,644.37	-2,977.85	3,174.61	3,158.85	15.76	201.495		
2,800.00	2,671.93	2,676.05	2,675.89	15.88	1.20	-77.17	-1,642.59	-2,977.42	3,162.82	3,146.23	16.59	190.621		
2,900.00	2,763.45	2,756.72	2,756.54	16.69	1.23	-77.73	-1,641.07	-2,977.17	3,151.71	3,134.28	17.43	180.781		
3,000.00	2,854.97	2,843.87	2,843.68	17.51	1.26	-78.34	-1,639.50	-2,977.23	3,141.38	3,123.10	18.28	171.845		
3,100.00	2,946.49	2,938.47	2,938.26	18.32	1.29	-79.01	-1,637.92	-2,977.12	3,131.45	3,112.32	19.13	163.678		
3,200.00	3,038.00	3,028.73	3,028.51	19.14	1.32	-79.64	-1,636.16	-2,977.23	3,121.99	3,102.00	19.99	156.204		
3,300.00	3,129.52	3,117.05	3,116.81	19.96	1.35	-80.26	-1,634.35	-2,977.54	3,113.08	3,092.23	20.84	149.351		
3,400.00	3,221.04	3,206.06	3,205.79	20.77	1.38	-80.89	-1,632.47	-2,978.06	3,104.74	3,083.04	21.70	143.051		
3,500.00	3,312.56	3,310.56	3,310.27	21.59	1.41	-81.63	-1,630.41	-2,978.29	3,096.72	3,074.15	22.57	137.224		
3,600.00	3,404.08	3,364.95	3,364.66	22.42	1.42	-82.02	-1,629.66	-2,978.51	3,089.63	3,066.20	23.42	131.899		
3,700.00	3,495.60	3,433.01	3,432.71	23.24	1.44	-82.51	-1,629.17	-2,979.26	3,083.94	3,059.66	24.28	127.005		
3,800.00	3,587.12	3,515.40	3,515.09	24.06	1.47	-83.11	-1,628.85	-2,980.42	3,079.17	3,054.03	25.14	122.479		
3,900.00	3,678.63	3,604.65	3,604.32	24.88	1.49	-83.75	-1,628.47	-2,981.99	3,075.08	3,049.08	26.00	118.276		
4,000.00	3,770.15	3,733.52	3,733.18	25.71	1.53	-84.67	-1,627.28	-2,984.17	3,071.15	3,044.28	26.86	114.325		
4,100.00	3,861.67	3,868.31	3,867.94	26.53	1.57	-85.65	-1,624.51	-2,984.69	3,065.95	3,038.22	27.73	110.558		
4,200.00	3,953.19	3,974.76	3,974.36	27.35	1.60	-86.42	-1,621.94	-2,984.52	3,060.77	3,032.17	28.60	107.014		
4,300.00	4,044.71	4,079.20	4,078.75	28.18	1.63	-87.18	-1,618.89	-2,984.18	3,055.64	3,026.16	29.47	103.680		
4,400.00	4,136.23	4,169.95	4,169.45	29.01	1.66	-87.85	-1,616.25	-2,983.58	3,050.80	3,020.46	30.34	100.550		
4,500.00	4,227.75	4,260.14	4,259.61	29.83	1.69	-88.52	-1,613.85	-2,982.85	3,046.57	3,015.36	31.21	97.617		
4,600.00	4,319.27	4,350.27	4,349.70	30.66	1.71	-89.17	-1,611.08	-2,982.65	3,042.87	3,010.79	32.08	94.865		
4,700.00	4,410.78	4,438.38	4,437.77	31.48	1.74	-89.82	-1,608.49	-2,982.45	3,039.76	3,006.81	32.94	92.281		
4,800.00	4,502.30	4,528.00	4,527.36	32.31	1.77	-90.48	-1,606.06	-2,982.18	3,037.27	3,003.46	33.80	89.852		
4,900.00	4,593.82	4,626.37	4,625.69	33.14	1.80	-91.20	-1,603.29	-2,981.94	3,035.24	3,000.57	34.66	87.562		
5,000.00	4,685.34	4,728.95	4,728.22	33.96	1.83	-91.96	-1,600.17	-2,981.32	3,033.35	2,997.82	35.52	85.391		
5,100.00	4,776.86	4,817.12	4,816.34	34.79	1.86	-92.62	-1,597.60	-2,980.56	3,031.93	2,995.55	36.38	83.345		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,905.32	4,904.51	35.62	1.88	-93.28	-1,595.18	-2,979.76	3,031.14	2,993.91	37.23	81.417		
5,284.79	4,945.98	4,981.95	4,981.11	36.32	1.91	-93.85	-1,593.16	-2,979.05	3,030.94	2,992.99	37.95	79.869		
5,300.00	4,959.90	4,995.68	4,994.84	36.45	1.91	-93.96	-1,592.80	-2,978.92	3,030.94	2,992.87	38.08	79.599		
5,400.00	5,051.41	5,087.27	5,086.39	37.27	1.94	-94.65	-1,590.45	-2,978.03	3,031.29	2,992.37	38.92	77.883		
5,500.00	5,142.93	5,185.57	5,184.65	38.10	1.96	-95.39	-1,587.91	-2,976.91	3,032.08	2,992.32	39.76	76.256		
5,600.00	5,234.45	5,287.89	5,286.92	38.93	1.99	-96.16	-1,585.16	-2,975.33	3,033.13	2,992.53	40.60	74.712		
5,700.00	5,325.97	5,379.68	5,378.66	39.76	2.02	-96.86	-1,582.62	-2,973.67	3,034.51	2,993.09	41.43	73.251		
5,800.00	5,417.49	5,456.00	5,454.95	40.59	2.04	-97.44	-1,580.65	-2,972.35	3,036.63	2,994.39	42.25	71.881		
5,900.00	5,509.01	5,537.83	5,536.75	41.42	2.06	-98.07	-1,579.08	-2,970.92	3,039.80	2,996.74	43.06	70.598		
6,000.00	5,600.53	5,633.63	5,632.52	42.25	2.08	-98.80	-1,577.24	-2,969.15	3,043.48	2,999.61	43.87	69.380		
6,100.00	5,692.04	5,725.66	5,724.51	43.07	2.10	-99.51	-1,575.52	-2,967.19	3,047.62	3,002.95	44.67	68.229		
6,200.00	5,783.56	5,815.22	5,814.03	43.90	2.12	-100.20	-1,573.98	-2,965.07	3,052.35	3,006.89	45.46	67.146		
6,300.00	5,875.08	5,908.97	5,907.73	44.73	2.14	-100.92	-1,572.40	-2,962.73	3,057.60	3,011.35	46.24	66.122		
6,400.00	5,966.60	5,998.54	5,997.27	45.56	2.15	-101.61	-1,570.89	-2,960.47	3,063.38	3,016.37	47.02	65.156		
6,500.00	6,058.12	6,074.27	6,072.96	46.39	2.17	-102.19	-1,569.66	-2,958.95	3,069.96	3,022.18	47.78	64.254		
6,600.00	6,149.64	6,156.05	6,154.74	47.22	2.19	-102.79	-1,568.41	-2,958.07	3,077.46	3,028.92	48.54	63.406		
6,700.00	6,241.16	6,248.09	6,246.77	48.05	2.22	-103.47	-1,566.98	-2,957.60	3,085.63	3,036.33	49.29	62.600		
6,800.00	6,332.68	6,341.85	6,340.51	48.88	2.25	-104.14	-1,565.29	-2,957.32	3,094.15	3,044.11	50.04	61.833		
6,900.00	6,424.19	6,433.86	6,432.50	49.71	2.28	-104.80	-1,563.54	-2,957.47	3,103.21	3,052.43	50.78	61.110		
7,000.00	6,514.88	6,528.77	6,527.39	50.58	2.31	-99.00	-1,561.60	-2,957.58	3,111.69	3,060.14	51.55	60.363		
7,100.00	6,599.14	6,607.84	6,606.45	51.67	2.34	-92.13	-1,560.04	-2,957.66	3,115.03	3,062.51	52.52	59.607		
7,200.00	6,673.85	6,676.40	6,674.99	53.01	2.36	-88.90	-1,558.82	-2,957.78	3,113.16	3,059.44	53.72	57.952		
7,300.00	6,736.73	6,732.81	6,731.40	54.56	2.38	-87.71	-1,557.91	-2,957.99	3,106.85	3,051.74	55.11	56.378		
7,400.00	6,785.87	6,776.89	6,775.47	56.29	2.39	-87.74	-1,557.23	-2,958.39	3,096.99	3,040.34	56.64	54.675		
7,500.00	6,819.79	6,807.35	6,805.93	58.13	2.40	-88.53	-1,556.78	-2,958.81	3,084.44	3,026.17	58.27	52.934		
7,600.00	6,837.44	6,822.99	6,821.56	60.02	2.40	-89.77	-1,556.56	-2,959.08	3,070.04	3,010.12	59.92	51.238		
7,700.00	6,840.00	6,826.72	6,825.28	61.90	2.40	-90.61	-1,556.51	-2,959.16	3,054.85	2,993.32	61.53	49.651		
7,800.00	6,840.00	6,828.42	6,826.98	63.83	2.40	-90.64	-1,556.48	-2,959.19	3,042.24	2,979.11	63.13	48.189		
7,900.00	6,840.00	6,830.18	6,828.74	65.81	2.41	-90.68	-1,556.46	-2,959.23	3,032.87	2,968.14	64.73	46.851		
8,000.00	6,840.00	6,832.01	6,830.57	67.84	2.41	-90.71	-1,556.44	-2,959.27	3,026.78	2,960.46	66.32	45.636		
8,100.00	6,840.00	6,833.90	6,832.47	69.91	2.41	-90.75	-1,556.41	-2,959.31	3,023.99	2,956.09	67.89	44.539		
8,134.61	6,840.00	6,834.58	6,833.14	70.64	2.41	-90.76	-1,556.40	-2,959.32	3,023.79	2,955.35	68.44	44.185 CC		
8,200.00	6,840.00	6,835.88	6,834.44	72.03	2.41	-90.79	-1,556.38	-2,959.35	3,024.50	2,955.06	69.44	43.559 ES		
8,300.00	6,840.00	6,837.92	6,836.49	74.18	2.41	-90.82	-1,556.36	-2,959.40	3,028.31	2,957.37	70.94	42.689		
8,400.00	6,840.00	6,840.06	6,838.62	76.37	2.41	-90.86	-1,556.33	-2,959.45	3,035.41	2,963.01	72.40	41.926		
8,500.00	6,840.00	6,842.28	6,840.84	78.59	2.41	-90.91	-1,556.30	-2,959.50	3,045.78	2,971.97	73.81	41.266		
8,600.00	6,840.00	6,844.59	6,843.15	80.85	2.41	-90.95	-1,556.27	-2,959.55	3,059.38	2,984.21	75.16	40.703		
8,700.00	6,840.00	6,847.00	6,845.56	83.13	2.41	-91.00	-1,556.24	-2,959.61	3,076.17	2,999.71	76.46	40.234		
8,800.00	6,840.00	6,849.52	6,848.08	85.44	2.41	-91.04	-1,556.21	-2,959.67	3,096.10	3,018.41	77.69	39.853		
8,900.00	6,840.00	6,852.16	6,850.72	87.77	2.41	-91.09	-1,556.17	-2,959.74	3,119.11	3,040.25	78.85	39.556		
9,000.00	6,840.00	6,854.91	6,853.47	90.12	2.41	-91.15	-1,556.14	-2,959.81	3,145.13	3,065.18	79.95	39.339		
9,100.00	6,840.00	6,857.79	6,856.35	92.50	2.41	-91.20	-1,556.10	-2,959.89	3,174.08	3,093.10	80.98	39.198		
9,200.00	6,840.00	6,860.82	6,859.37	94.89	2.41	-91.26	-1,556.06	-2,959.97	3,205.89	3,123.96	81.93	39.128		
9,300.00	6,840.00	6,863.99	6,862.54	97.30	2.41	-91.32	-1,556.03	-2,960.06	3,240.48	3,157.65	82.82	39.125 SF		
9,400.00	6,840.00	6,867.32	6,865.87	99.73	2.41	-91.38	-1,555.98	-2,960.15	3,277.74	3,194.10	83.64	39.187		
9,500.00	6,840.00	6,870.83	6,869.38	102.17	2.41	-91.45	-1,555.94	-2,960.26	3,317.61	3,233.21	84.40	39.308		
9,600.00	6,840.00	6,874.52	6,873.07	104.63	2.42	-91.52	-1,555.90	-2,960.37	3,359.97	3,274.88	85.09	39.487		
9,700.00	6,840.00	6,878.42	6,876.97	107.10	2.42	-91.59	-1,555.85	-2,960.49	3,404.74	3,319.02	85.72	39.719		
9,800.00	6,840.00	6,882.54	6,881.08	109.58	2.42	-91.67	-1,555.80	-2,960.62	3,451.82	3,365.53	86.29	40.002		
9,900.00	6,840.00	6,886.89	6,885.43	112.07	2.42	-91.75	-1,555.75	-2,960.76	3,501.13	3,414.32	86.81	40.333		
10,000.00	6,840.00	6,891.51	6,890.04	114.58	2.42	-91.84	-1,555.70	-2,960.92	3,552.56	3,465.29	87.27	40.709		
10,100.00	6,840.00	6,896.40	6,894.94	117.09	2.42	-91.93	-1,555.65	-2,961.08	3,606.02	3,518.34	87.68	41.128		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,901.62	6,900.15	119.61	2.42	-92.03	-1,555.59	-2,961.27	3,661.43	3,573.39	88.04	41.586		
10,300.00	6,840.00	6,907.17	6,905.69	122.14	2.42	-92.14	-1,555.53	-2,961.48	3,718.71	3,630.34	88.37	42.083		
10,400.00	6,840.00	6,913.10	6,911.62	124.68	2.42	-92.25	-1,555.47	-2,961.70	3,777.75	3,689.10	88.65	42.615		
10,500.00	6,840.00	6,919.44	6,917.96	127.23	2.43	-92.37	-1,555.41	-2,961.95	3,838.49	3,749.59	88.89	43.181		
10,600.00	6,840.00	6,923.63	6,922.14	129.78	2.43	-92.45	-1,555.35	-2,962.10	3,900.84	3,811.74	89.10	43.782		
10,700.00	6,840.00	6,929.77	6,928.28	132.35	2.43	-92.56	-1,555.29	-2,962.34	3,964.72	3,875.45	89.27	44.411		
10,800.00	6,840.00	6,936.19	6,934.69	134.91	2.43	-92.68	-1,555.22	-2,962.61	4,030.07	3,940.65	89.42	45.069		
10,900.00	6,840.00	6,942.90	6,941.40	137.49	2.43	-92.81	-1,555.14	-2,962.88	4,096.81	4,007.27	89.54	45.753		
11,000.00	6,840.00	6,949.94	6,948.43	140.07	2.43	-92.94	-1,555.07	-2,963.18	4,164.88	4,075.24	89.64	46.463		
11,100.00	6,840.00	6,957.32	6,955.80	142.65	2.43	-93.08	-1,554.99	-2,963.50	4,234.20	4,144.49	89.71	47.197		
11,200.00	6,840.00	6,965.07	6,963.55	145.24	2.43	-93.23	-1,554.91	-2,963.85	4,304.73	4,214.96	89.77	47.954		
11,300.00	6,840.00	6,973.22	6,971.69	147.83	2.43	-93.38	-1,554.82	-2,964.22	4,376.39	4,286.59	89.81	48.732		
11,400.00	6,840.00	6,981.80	6,980.25	150.43	2.44	-93.55	-1,554.73	-2,964.63	4,449.14	4,359.32	89.83	49.530		
11,500.00	6,840.00	6,990.84	6,989.28	153.04	2.44	-93.72	-1,554.63	-2,965.06	4,522.93	4,433.09	89.84	50.347		
11,600.00	6,840.00	7,000.38	6,998.82	155.64	2.44	-93.90	-1,554.53	-2,965.54	4,597.69	4,507.86	89.83	51.181		
11,700.00	6,840.00	7,010.47	7,008.89	158.26	2.44	-94.09	-1,554.42	-2,966.05	4,673.38	4,583.57	89.82	52.033		
11,800.00	6,840.00	11,800.00	6,982.88	160.87	4.28	-93.60	-1,554.70	-2,964.85	4,749.97	4,657.67	92.29	51.467		
11,900.00	6,840.00	11,900.00	6,987.18	163.49	4.33	-93.68	-1,554.65	-2,965.03	4,827.43	4,734.98	92.46	52.212		
12,000.00	6,840.00	12,000.00	6,991.49	166.11	4.38	-93.76	-1,554.61	-2,965.22	4,905.72	4,813.10	92.61	52.969		
12,100.00	6,840.00	12,100.00	6,995.79	168.74	4.43	-93.84	-1,554.56	-2,965.40	4,984.77	4,892.01	92.76	53.738		
12,200.00	6,840.00	12,200.00	7,000.10	171.37	4.48	-93.92	-1,554.51	-2,965.59	5,064.56	4,971.66	92.90	54.518		
12,300.00	6,840.00	12,300.00	7,004.40	174.00	4.53	-94.00	-1,554.47	-2,965.77	5,145.05	5,052.03	93.02	55.308		
12,400.00	6,840.00	7,000.00	6,998.43	176.63	2.44	-93.89	-1,554.53	-2,965.52	5,226.23	5,136.99	89.24	58.563		
12,500.00	6,840.00	7,000.00	6,998.43	179.27	2.44	-93.89	-1,554.53	-2,965.52	5,308.04	5,218.90	89.14	59.549		
12,600.00	6,840.00	7,000.00	6,998.43	181.91	2.44	-93.89	-1,554.53	-2,965.52	5,390.47	5,301.43	89.03	60.546		
12,700.00	6,840.00	7,000.00	6,998.43	184.55	2.44	-93.89	-1,554.53	-2,965.52	5,473.48	5,384.56	88.92	61.554		
12,800.00	6,840.00	7,000.00	6,998.43	187.19	2.44	-93.89	-1,554.53	-2,965.52	5,557.05	5,468.24	88.81	62.572		
12,900.00	6,840.00	7,000.00	6,998.43	189.84	2.44	-93.89	-1,554.53	-2,965.52	5,641.16	5,552.46	88.70	63.601		
13,000.00	6,840.00	7,000.00	6,998.43	192.48	2.44	-93.89	-1,554.53	-2,965.52	5,725.77	5,637.19	88.58	64.640		
13,100.00	6,840.00	7,000.00	6,998.43	195.13	2.44	-93.89	-1,554.53	-2,965.52	5,810.88	5,722.42	88.46	65.688		
13,200.00	6,840.00	7,000.00	6,998.43	197.79	2.44	-93.89	-1,554.53	-2,965.52	5,896.45	5,808.11	88.34	66.745		
13,300.00	6,840.00	7,000.00	6,998.43	200.44	2.44	-93.89	-1,554.53	-2,965.52	5,982.47	5,894.25	88.22	67.810		
13,400.00	6,840.00	7,000.00	6,998.43	203.10	2.44	-93.89	-1,554.53	-2,965.52	6,068.92	5,980.82	88.11	68.883		
13,500.00	6,840.00	7,000.00	6,998.43	205.75	2.44	-93.89	-1,554.53	-2,965.52	6,155.78	6,067.80	87.99	69.964		
13,600.00	6,840.00	7,000.00	6,998.43	208.41	2.44	-93.89	-1,554.53	-2,965.52	6,243.04	6,155.17	87.87	71.052		
13,700.00	6,840.00	7,000.00	6,998.43	211.07	2.44	-93.89	-1,554.53	-2,965.52	6,330.67	6,242.92	87.75	72.147		
13,800.00	6,840.00	7,000.00	6,998.43	213.74	2.44	-93.89	-1,554.53	-2,965.52	6,418.66	6,331.03	87.63	73.249		
13,900.00	6,840.00	7,000.00	6,998.43	216.40	2.44	-93.89	-1,554.53	-2,965.52	6,507.00	6,419.49	87.51	74.357		
14,000.00	6,840.00	7,000.00	6,998.43	219.06	2.44	-93.89	-1,554.53	-2,965.52	6,595.67	6,508.28	87.39	75.471		
14,100.00	6,840.00	7,000.00	6,998.43	221.73	2.44	-93.89	-1,554.53	-2,965.52	6,684.66	6,597.38	87.28	76.591		
14,200.00	6,840.00	7,000.00	6,998.43	224.40	2.44	-93.89	-1,554.53	-2,965.52	6,773.96	6,686.80	87.16	77.716		
14,300.00	6,840.00	7,000.00	6,998.43	227.07	2.44	-93.89	-1,554.53	-2,965.52	6,863.55	6,776.50	87.05	78.847		
14,400.00	6,840.00	7,000.00	6,998.43	229.74	2.44	-93.89	-1,554.53	-2,965.52	6,953.43	6,866.49	86.94	79.983		
14,500.00	6,840.00	7,000.00	6,998.43	232.41	2.44	-93.89	-1,554.53	-2,965.52	7,043.58	6,956.76	86.83	81.123		
14,600.00	6,840.00	7,000.00	6,998.43	235.08	2.44	-93.89	-1,554.53	-2,965.52	7,133.99	7,047.28	86.72	82.268		
14,700.00	6,840.00	7,000.00	6,998.43	237.75	2.44	-93.89	-1,554.53	-2,965.52	7,224.66	7,138.05	86.61	83.417		
14,800.00	6,840.00	7,000.00	6,998.43	240.43	2.44	-93.89	-1,554.53	-2,965.52	7,315.57	7,229.07	86.50	84.571		
14,900.00	6,840.00	7,000.00	6,998.43	243.10	2.44	-93.89	-1,554.53	-2,965.52	7,406.71	7,320.31	86.40	85.728		
15,000.00	6,840.00	7,000.00	6,998.43	245.78	2.44	-93.89	-1,554.53	-2,965.52	7,498.08	7,411.79	86.29	86.889		
15,100.00	6,840.00	7,000.00	6,998.43	248.46	2.44	-93.89	-1,554.53	-2,965.52	7,589.67	7,503.48	86.19	88.054		
15,200.00	6,840.00	7,000.00	6,998.43	251.14	2.44	-93.89	-1,554.53	-2,965.52	7,681.46	7,595.37	86.09	89.222		
15,300.00	6,840.00	7,000.00	6,998.43	253.82	2.44	-93.89	-1,554.53	-2,965.52	7,773.46	7,687.47	86.00	90.393		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	6,840.00	7,000.00	6,998.43	256.50	2.44	-93.89	-1,554.53	-2,965.52	7,865.66	7,779.76	85.90	91.568	
15,500.00	6,840.00	7,000.00	6,998.43	259.18	2.44	-93.89	-1,554.53	-2,965.52	7,958.04	7,872.24	85.81	92.745	
15,600.00	6,840.00	7,000.00	6,998.43	261.86	2.44	-93.89	-1,554.53	-2,965.52	8,050.61	7,964.89	85.71	93.925	
15,700.00	6,840.00	7,000.00	6,998.43	264.54	2.44	-93.89	-1,554.53	-2,965.52	8,143.35	8,057.72	85.62	95.107	
15,800.00	6,840.00	7,000.00	6,998.43	267.23	2.44	-93.89	-1,554.53	-2,965.52	8,236.26	8,150.72	85.53	96.292	
15,900.00	6,840.00	7,000.00	6,998.43	269.91	2.44	-93.89	-1,554.53	-2,965.52	8,329.33	8,243.88	85.45	97.479	
16,000.00	6,840.00	7,000.00	6,998.43	272.59	2.44	-93.89	-1,554.53	-2,965.52	8,422.57	8,337.20	85.36	98.669	
16,100.00	6,840.00	7,000.00	6,998.43	275.28	2.44	-93.89	-1,554.53	-2,965.52	8,515.95	8,430.67	85.28	99.860	
16,200.00	6,840.00	7,000.00	6,998.43	277.97	2.44	-93.89	-1,554.53	-2,965.52	8,609.49	8,524.29	85.20	101.054	
16,300.00	6,840.00	7,000.00	6,998.43	280.65	2.44	-93.89	-1,554.53	-2,965.52	8,703.17	8,618.05	85.12	102.249	
16,400.00	6,840.00	7,000.00	6,998.43	283.34	2.44	-93.89	-1,554.53	-2,965.52	8,796.99	8,711.95	85.04	103.446	
16,500.00	6,840.00	7,000.00	6,998.43	286.03	2.44	-93.89	-1,554.53	-2,965.52	8,890.94	8,805.98	84.96	104.644	
16,600.00	6,840.00	7,000.00	6,998.43	288.72	2.44	-93.89	-1,554.53	-2,965.52	8,985.02	8,900.13	84.89	105.844	
16,700.00	6,840.00	7,000.00	6,998.43	291.41	2.44	-93.89	-1,554.53	-2,965.52	9,079.23	8,994.42	84.82	107.046	
16,800.00	6,840.00	7,000.00	6,998.43	294.10	2.44	-93.89	-1,554.53	-2,965.52	9,173.57	9,088.82	84.75	108.248	
16,900.00	6,840.00	7,000.00	6,998.43	296.79	2.44	-93.89	-1,554.53	-2,965.52	9,268.02	9,183.34	84.68	109.452	
17,000.00	6,840.00	7,000.00	6,998.43	299.48	2.44	-93.89	-1,554.53	-2,965.52	9,362.58	9,277.98	84.61	110.657	
17,100.00	6,840.00	7,000.00	6,998.43	302.17	2.44	-93.89	-1,554.53	-2,965.52	9,457.26	9,372.72	84.54	111.863	
17,200.00	6,840.00	7,000.00	6,998.43	304.86	2.44	-93.89	-1,554.53	-2,965.52	9,552.05	9,467.57	84.48	113.070	
17,300.00	6,840.00	7,000.00	6,998.43	307.56	2.44	-93.89	-1,554.53	-2,965.52	9,646.94	9,562.53	84.42	114.277	
17,400.00	6,840.00	7,000.00	6,998.43	310.25	2.44	-93.89	-1,554.53	-2,965.52	9,741.94	9,657.58	84.36	115.485	
17,500.00	6,840.00	7,000.00	6,998.43	312.94	2.44	-93.89	-1,554.53	-2,965.52	9,837.03	9,752.73	84.30	116.695	
17,600.00	6,840.00	7,000.00	6,998.43	315.64	2.44	-93.89	-1,554.53	-2,965.52	9,932.22	9,847.98	84.24	117.904	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-5.57	2,349.39	-229.32	2,360.65					
100.00	100.00	79.00	79.00	0.13	0.62	-5.57	2,349.39	-229.32	2,360.56	2,359.80	0.75	3,127.015		
200.00	200.00	179.00	179.00	0.49	2.16	-5.57	2,349.39	-229.32	2,360.56	2,357.90	2.66	888.394		
300.00	300.00	279.00	279.00	0.85	3.91	-5.57	2,349.39	-229.32	2,360.56	2,355.80	4.76	495.821		
400.00	400.00	379.00	379.00	1.21	5.65	-5.57	2,349.39	-229.32	2,360.56	2,353.70	6.86	343.869		
500.00	500.00	479.00	479.00	1.57	7.40	-5.57	2,349.39	-229.32	2,360.56	2,351.59	8.97	263.205		
600.00	599.98	578.98	578.98	1.92	9.15	49.08	2,349.39	-229.32	2,359.42	2,348.35	11.07	213.150		
700.00	699.84	678.84	678.84	2.28	10.89	49.23	2,349.39	-229.32	2,355.99	2,342.82	13.17	178.898		
800.00	799.45	778.45	778.45	2.65	12.63	49.48	2,349.39	-229.32	2,350.30	2,335.03	15.27	153.896		
900.00	898.70	877.70	877.70	3.02	14.36	49.83	2,349.39	-229.32	2,342.38	2,325.00	17.38	134.792		
1,000.00	997.47	976.47	976.47	3.42	16.08	50.27	2,349.39	-229.32	2,332.26	2,312.77	19.49	119.676		
1,100.00	1,095.62	1,074.62	1,074.62	3.84	17.80	50.82	2,349.39	-229.32	2,320.00	2,298.39	21.61	107.381		
1,200.00	1,193.06	1,172.06	1,172.06	4.30	19.50	51.48	2,349.39	-229.32	2,305.67	2,281.93	23.73	97.155		
1,300.00	1,289.64	1,268.64	1,268.64	4.79	21.18	52.23	2,349.39	-229.32	2,289.34	2,263.47	25.87	88.491		
1,400.00	1,385.27	1,364.27	1,364.27	5.33	22.85	53.10	2,349.39	-229.32	2,271.11	2,243.08	28.03	81.037		
1,500.00	1,479.82	1,458.82	1,458.82	5.92	24.50	54.07	2,349.39	-229.32	2,251.08	2,220.88	30.20	74.541		
1,600.00	1,573.17	1,552.17	1,552.17	6.56	26.13	55.14	2,349.39	-229.32	2,229.37	2,196.98	32.40	68.816		
1,700.00	1,665.22	1,644.22	1,644.22	7.26	27.74	56.28	2,349.39	-229.32	2,206.14	2,171.52	34.62	63.722		
1,800.00	1,756.74	1,735.74	1,735.74	7.99	29.33	57.11	2,349.39	-229.32	2,182.63	2,145.76	36.87	59.198		
1,900.00	1,848.26	1,827.26	1,827.26	8.75	30.93	57.95	2,349.39	-229.32	2,159.63	2,120.48	39.14	55.172		
2,000.00	1,939.78	1,918.78	1,918.78	9.51	32.53	58.81	2,349.39	-229.32	2,137.13	2,095.69	41.44	51.573		
2,100.00	2,031.30	2,010.30	2,010.30	10.29	34.13	59.69	2,349.39	-229.32	2,115.16	2,071.41	43.75	48.342		
2,200.00	2,122.82	2,101.82	2,101.82	11.07	35.72	60.58	2,349.39	-229.32	2,093.74	2,047.65	46.09	45.431		
2,300.00	2,214.34	2,206.66	2,193.34	11.86	37.55	61.49	2,349.39	-229.32	2,072.88	2,024.21	48.67	42.593		
2,400.00	2,305.85	2,284.85	2,284.85	12.66	38.92	62.41	2,349.39	-229.32	2,052.60	2,001.80	50.80	40.408		
2,500.00	2,397.37	2,376.37	2,376.37	13.46	40.52	63.35	2,349.39	-229.32	2,032.92	1,979.74	53.17	38.231		
2,600.00	2,488.89	2,467.89	2,467.89	14.26	42.11	64.30	2,349.39	-229.32	2,013.85	1,958.28	55.56	36.244		
2,700.00	2,580.41	2,559.41	2,559.41	15.07	43.71	65.27	2,349.39	-229.32	1,995.41	1,937.45	57.97	34.424		
2,800.00	2,671.93	2,650.93	2,650.93	15.88	45.31	66.26	2,349.39	-229.32	1,977.62	1,917.25	60.38	32.754		
2,900.00	2,763.45	2,742.45	2,742.45	16.69	46.90	67.26	2,349.39	-229.32	1,960.50	1,897.70	62.80	31.218		
3,000.00	2,854.97	2,833.97	2,833.97	17.51	48.50	68.28	2,349.39	-229.32	1,944.07	1,878.83	65.23	29.802		
3,100.00	2,946.49	2,925.49	2,925.49	18.32	50.10	69.31	2,349.39	-229.32	1,928.33	1,860.66	67.67	28.494		
3,200.00	3,038.00	3,017.00	3,017.00	19.14	51.70	70.35	2,349.39	-229.32	1,913.32	1,843.20	70.12	27.285		
3,300.00	3,129.52	3,108.52	3,108.52	19.96	53.29	71.41	2,349.39	-229.32	1,899.04	1,826.47	72.58	26.165		
3,400.00	3,221.04	3,200.04	3,200.04	20.77	54.89	72.48	2,349.39	-229.32	1,885.52	1,810.48	75.04	25.127		
3,500.00	3,312.56	3,308.44	3,291.56	21.59	56.78	73.57	2,349.39	-229.32	1,872.77	1,794.97	77.80	24.071		
3,600.00	3,404.08	3,383.08	3,383.08	22.42	58.09	74.66	2,349.39	-229.32	1,860.80	1,780.82	79.98	23.266		
3,700.00	3,495.60	3,474.60	3,474.60	23.24	59.68	75.77	2,349.39	-229.32	1,849.63	1,767.18	82.45	22.432		
3,800.00	3,587.12	3,566.12	3,566.12	24.06	61.28	76.89	2,349.39	-229.32	1,839.28	1,754.35	84.93	21.656		
3,900.00	3,678.63	3,657.63	3,657.63	24.88	62.88	78.02	2,349.39	-229.32	1,829.76	1,742.35	87.41	20.934		
4,000.00	3,770.15	3,749.15	3,749.15	25.71	64.48	79.16	2,349.39	-229.32	1,821.08	1,731.20	89.89	20.260		
4,100.00	3,861.67	3,840.67	3,840.67	26.53	66.07	80.31	2,349.39	-229.32	1,813.26	1,720.90	92.36	19.632		
4,200.00	3,953.19	3,932.19	3,932.19	27.35	67.67	81.46	2,349.39	-229.32	1,806.30	1,711.46	94.84	19.047		
4,300.00	4,044.71	4,023.71	4,023.71	28.18	69.27	82.63	2,349.39	-229.32	1,800.21	1,702.91	97.31	18.501		
4,400.00	4,136.23	4,115.23	4,115.23	29.01	70.86	83.80	2,349.39	-229.32	1,795.01	1,695.24	99.77	17.991		
4,500.00	4,227.75	4,206.75	4,206.75	29.83	72.46	84.97	2,349.39	-229.32	1,790.71	1,688.48	102.23	17.516		
4,600.00	4,319.27	4,301.74	4,298.27	30.66	74.12	86.15	2,349.39	-229.32	1,787.30	1,682.56	104.74	17.064		
4,700.00	4,410.78	4,389.78	4,389.78	31.48	75.66	87.33	2,349.39	-229.32	1,784.79	1,677.67	107.13	16.661		
4,800.00	4,502.30	4,481.30	4,481.30	32.31	77.25	88.51	2,349.39	-229.32	1,783.20	1,673.64	109.56	16.276		
4,900.00	4,593.82	4,572.82	4,572.82	33.14	78.85	89.70	2,349.39	-229.32	1,782.51	1,670.52	111.99	15.917		
4,925.38	4,617.05	4,603.95	4,596.05	33.35	79.39	90.00	2,349.39	-229.32	1,782.48	1,669.74	112.74	15.811 CC		
5,000.00	4,685.34	4,664.34	4,664.34	33.96	80.45	90.88	2,349.39	-229.32	1,782.74	1,668.34	114.40	15.583		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,755.86	4,755.86	34.79	82.05	92.07	2,349.39	-229.32	1,783.87	1,667.07	116.80	15.273		
5,200.00	4,868.38	4,847.38	4,847.38	35.62	83.64	93.25	2,349.39	-229.32	1,785.92	1,666.73	119.19	14.984 ES		
5,300.00	4,959.90	4,938.90	4,938.90	36.45	85.24	94.43	2,349.39	-229.32	1,788.87	1,667.30	121.56	14.716		
5,400.00	5,051.41	5,030.41	5,030.41	37.27	86.84	95.61	2,349.39	-229.32	1,792.72	1,668.79	123.92	14.466		
5,500.00	5,142.93	5,121.93	5,121.93	38.10	88.43	96.78	2,349.39	-229.32	1,797.46	1,671.20	126.27	14.235		
5,600.00	5,234.45	5,213.45	5,213.45	38.93	90.03	97.95	2,349.39	-229.32	1,803.10	1,674.50	128.60	14.022		
5,700.00	5,325.97	5,304.97	5,304.97	39.76	91.63	99.11	2,349.39	-229.32	1,809.62	1,678.71	130.91	13.824		
5,800.00	5,417.49	5,403.51	5,396.49	40.59	93.35	100.26	2,349.39	-229.32	1,817.00	1,683.68	133.33	13.628		
5,900.00	5,509.01	5,488.01	5,488.01	41.42	94.82	101.40	2,349.39	-229.32	1,825.25	1,689.77	135.48	13.472		
6,000.00	5,600.53	5,579.53	5,579.53	42.25	96.42	102.54	2,349.39	-229.32	1,834.35	1,696.60	137.74	13.317		
6,100.00	5,692.04	5,671.04	5,671.04	43.07	98.02	103.66	2,349.39	-229.32	1,844.28	1,704.29	139.99	13.174		
6,200.00	5,783.56	5,762.56	5,762.56	43.90	99.62	104.78	2,349.39	-229.32	1,855.03	1,712.82	142.22	13.044		
6,300.00	5,875.08	5,854.08	5,854.08	44.73	101.21	105.88	2,349.39	-229.32	1,866.59	1,722.17	144.43	12.924		
6,400.00	5,966.60	5,945.60	5,945.60	45.56	102.81	106.97	2,349.39	-229.32	1,878.95	1,732.33	146.62	12.815		
6,500.00	6,058.12	6,037.12	6,037.12	46.39	104.41	108.05	2,349.39	-229.32	1,892.09	1,743.29	148.80	12.716		
6,600.00	6,149.64	6,128.64	6,128.64	47.22	106.00	109.11	2,349.39	-229.32	1,905.98	1,755.02	150.96	12.626		
6,700.00	6,241.16	6,220.16	6,220.16	48.05	107.60	110.16	2,349.39	-229.32	1,920.62	1,767.52	153.10	12.545		
6,800.00	6,332.68	6,311.68	6,311.68	48.88	109.20	111.20	2,349.39	-229.32	1,935.99	1,780.76	155.23	12.472		
6,900.00	6,424.19	6,403.19	6,403.19	49.71	110.80	112.23	2,349.39	-229.32	1,952.07	1,794.73	157.34	12.406		
7,000.00	6,514.88	6,506.12	6,493.88	50.58	112.59	118.83	2,349.39	-229.32	1,970.90	1,811.25	159.66	12.345 SF		
7,100.00	6,599.14	6,578.14	6,578.14	51.67	113.85	125.59	2,349.39	-229.32	2,003.49	1,841.99	161.51	12.405		
7,200.00	6,673.85	6,652.85	6,652.85	53.01	115.15	128.30	2,349.39	-229.32	2,050.84	1,887.38	163.45	12.547		
7,300.00	6,736.73	6,715.73	6,715.73	54.56	116.25	127.99	2,349.39	-229.32	2,111.69	1,946.49	165.20	12.783		
7,400.00	6,785.87	6,764.87	6,764.87	56.29	117.11	124.53	2,349.39	-229.32	2,184.25	2,017.58	166.66	13.106		
7,500.00	6,819.79	6,801.21	6,798.79	58.13	117.74	116.68	2,349.39	-229.32	2,266.24	2,098.41	167.83	13.503		
7,600.00	6,837.44	6,816.44	6,816.44	60.02	118.01	101.97	2,349.39	-229.32	2,354.99	2,186.46	168.53	13.974		
7,700.00	6,840.00	6,819.00	6,819.00	61.90	118.05	90.00	2,349.39	-229.32	2,447.47	2,278.57	168.90	14.491		
7,800.00	6,840.00	6,819.00	6,819.00	63.83	118.05	90.00	2,349.39	-229.32	2,540.82	2,371.63	169.19	15.018		
7,900.00	6,840.00	6,819.00	6,819.00	65.81	118.05	90.00	2,349.39	-229.32	2,634.66	2,465.20	169.45	15.548		
8,000.00	6,840.00	6,819.00	6,819.00	67.84	118.05	90.00	2,349.39	-229.32	2,728.93	2,559.23	169.70	16.081		
8,100.00	6,840.00	6,819.00	6,819.00	69.91	118.05	90.00	2,349.39	-229.32	2,823.60	2,653.67	169.93	16.616		
8,200.00	6,840.00	6,819.00	6,819.00	72.03	118.05	90.00	2,349.39	-229.32	2,918.63	2,748.49	170.14	17.154		
8,300.00	6,840.00	6,819.00	6,819.00	74.18	118.05	90.00	2,349.39	-229.32	3,013.97	2,843.63	170.34	17.694		
8,400.00	6,840.00	6,819.00	6,819.00	76.37	118.05	90.00	2,349.39	-229.32	3,109.61	2,939.09	170.53	18.235		
8,500.00	6,840.00	6,819.00	6,819.00	78.59	118.05	90.00	2,349.39	-229.32	3,205.52	3,034.82	170.70	18.778		
8,600.00	6,840.00	6,819.00	6,819.00	80.85	118.05	90.00	2,349.39	-229.32	3,301.67	3,130.80	170.87	19.323		
8,700.00	6,840.00	6,819.00	6,819.00	83.13	118.05	90.00	2,349.39	-229.32	3,398.04	3,227.01	171.02	19.869		
8,800.00	6,840.00	6,819.00	6,819.00	85.44	118.05	90.00	2,349.39	-229.32	3,494.61	3,323.44	171.17	20.416		
8,900.00	6,840.00	6,819.00	6,819.00	87.77	118.05	90.00	2,349.39	-229.32	3,591.38	3,420.07	171.31	20.964		
9,000.00	6,840.00	6,819.00	6,819.00	90.12	118.05	90.00	2,349.39	-229.32	3,688.31	3,516.87	171.44	21.513		
9,100.00	6,840.00	6,819.00	6,819.00	92.50	118.05	90.00	2,349.39	-229.32	3,785.40	3,613.84	171.57	22.063		
9,200.00	6,840.00	6,819.00	6,819.00	94.89	118.05	90.00	2,349.39	-229.32	3,882.65	3,710.96	171.69	22.614		
9,300.00	6,840.00	6,819.00	6,819.00	97.30	118.05	90.00	2,349.39	-229.32	3,980.03	3,808.22	171.80	23.166		
9,400.00	6,840.00	6,819.00	6,819.00	99.73	118.05	90.00	2,349.39	-229.32	4,077.53	3,905.62	171.91	23.718		
9,500.00	6,840.00	6,819.00	6,819.00	102.17	118.05	90.00	2,349.39	-229.32	4,175.15	4,003.13	172.02	24.271		
9,600.00	6,840.00	6,819.00	6,819.00	104.63	118.05	90.00	2,349.39	-229.32	4,272.89	4,100.77	172.12	24.825		
9,700.00	6,840.00	6,819.00	6,819.00	107.10	118.05	90.00	2,349.39	-229.32	4,370.72	4,198.51	172.22	25.379		
9,800.00	6,840.00	6,819.00	6,819.00	109.58	118.05	90.00	2,349.39	-229.32	4,468.66	4,296.34	172.31	25.933		
9,900.00	6,840.00	6,819.00	6,819.00	112.07	118.05	90.00	2,349.39	-229.32	4,566.68	4,394.27	172.40	26.488		
10,000.00	6,840.00	6,819.00	6,819.00	114.58	118.05	90.00	2,349.39	-229.32	4,664.78	4,492.29	172.49	27.044		
10,100.00	6,840.00	6,819.00	6,819.00	117.09	118.05	90.00	2,349.39	-229.32	4,762.97	4,590.39	172.58	27.599		
10,200.00	6,840.00	6,819.00	6,819.00	119.61	118.05	90.00	2,349.39	-229.32	4,861.22	4,688.57	172.66	28.155		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT CPC PLUSS 25-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,819.00	6,819.00	122.14	118.05	90.00	2,349.39	-229.32	4,959.55	4,786.81	172.74	28.711		
10,400.00	6,840.00	6,819.00	6,819.00	124.68	118.05	90.00	2,349.39	-229.32	5,057.95	4,885.13	172.82	29.268		
10,500.00	6,840.00	6,819.00	6,819.00	127.23	118.05	90.00	2,349.39	-229.32	5,156.40	4,983.51	172.89	29.824		
10,600.00	6,840.00	6,819.00	6,819.00	129.78	118.05	90.00	2,349.39	-229.32	5,254.91	5,081.95	172.97	30.381		
10,700.00	6,840.00	6,819.00	6,819.00	132.35	118.05	90.00	2,349.39	-229.32	5,353.48	5,180.44	173.04	30.938		
10,800.00	6,840.00	6,819.00	6,819.00	134.91	118.05	90.00	2,349.39	-229.32	5,452.10	5,278.99	173.11	31.495		
10,900.00	6,840.00	6,819.00	6,819.00	137.49	118.05	90.00	2,349.39	-229.32	5,550.77	5,377.59	173.18	32.052		
11,000.00	6,840.00	6,819.00	6,819.00	140.07	118.05	90.00	2,349.39	-229.32	5,649.49	5,476.24	173.25	32.609		
11,100.00	6,840.00	6,819.00	6,819.00	142.65	118.05	90.00	2,349.39	-229.32	5,748.25	5,574.94	173.32	33.166		
11,200.00	6,840.00	6,819.00	6,819.00	145.24	118.05	90.00	2,349.39	-229.32	5,847.06	5,673.68	173.38	33.724		
11,300.00	6,840.00	6,819.00	6,819.00	147.83	118.05	90.00	2,349.39	-229.32	5,945.90	5,772.45	173.45	34.281		
11,400.00	6,840.00	6,819.00	6,819.00	150.43	118.05	90.00	2,349.39	-229.32	6,044.78	5,871.27	173.51	34.839		
11,500.00	6,840.00	6,819.00	6,819.00	153.04	118.05	90.00	2,349.39	-229.32	6,143.70	5,970.13	173.57	35.396		
11,600.00	6,840.00	6,819.00	6,819.00	155.64	118.05	90.00	2,349.39	-229.32	6,242.65	6,069.02	173.63	35.953		
11,700.00	6,840.00	6,819.00	6,819.00	158.26	118.05	90.00	2,349.39	-229.32	6,341.64	6,167.94	173.69	36.511		
11,800.00	6,840.00	6,819.00	6,819.00	160.87	118.05	90.00	2,349.39	-229.32	6,440.65	6,266.90	173.75	37.068		
11,900.00	6,840.00	6,819.00	6,819.00	163.49	118.05	90.00	2,349.39	-229.32	6,539.70	6,365.89	173.81	37.625		
12,000.00	6,840.00	6,819.00	6,819.00	166.11	118.05	90.00	2,349.39	-229.32	6,638.77	6,464.90	173.87	38.182		
12,100.00	6,840.00	6,819.00	6,819.00	168.74	118.05	90.00	2,349.39	-229.32	6,737.88	6,563.95	173.93	38.739		
12,200.00	6,840.00	6,819.00	6,819.00	171.37	118.05	90.00	2,349.39	-229.32	6,837.00	6,663.02	173.99	39.296		
12,300.00	6,840.00	6,819.00	6,819.00	174.00	118.05	90.00	2,349.39	-229.32	6,936.16	6,762.11	174.04	39.853		
12,400.00	6,840.00	6,819.00	6,819.00	176.63	118.05	90.00	2,349.39	-229.32	7,035.33	6,861.23	174.10	40.409		
12,500.00	6,840.00	6,819.00	6,819.00	179.27	118.05	90.00	2,349.39	-229.32	7,134.53	6,960.38	174.16	40.966		
12,600.00	6,840.00	6,819.00	6,819.00	181.91	118.05	90.00	2,349.39	-229.32	7,233.76	7,059.54	174.21	41.522		
12,700.00	6,840.00	6,819.00	6,819.00	184.55	118.05	90.00	2,349.39	-229.32	7,333.00	7,158.73	174.27	42.079		
12,800.00	6,840.00	6,819.00	6,819.00	187.19	118.05	90.00	2,349.39	-229.32	7,432.26	7,257.94	174.32	42.635		
12,900.00	6,840.00	6,819.00	6,819.00	189.84	118.05	90.00	2,349.39	-229.32	7,531.55	7,357.17	174.38	43.191		
13,000.00	6,840.00	6,819.00	6,819.00	192.48	118.05	90.00	2,349.39	-229.32	7,630.85	7,456.42	174.43	43.747		
13,100.00	6,840.00	6,819.00	6,819.00	195.13	118.05	90.00	2,349.39	-229.32	7,730.17	7,555.68	174.49	44.302		
13,200.00	6,840.00	6,819.00	6,819.00	197.79	118.05	90.00	2,349.39	-229.32	7,829.51	7,654.97	174.54	44.858		
13,300.00	6,840.00	6,819.00	6,819.00	200.44	118.05	90.00	2,349.39	-229.32	7,928.86	7,754.27	174.60	45.413		
13,400.00	6,840.00	6,819.00	6,819.00	203.10	118.05	90.00	2,349.39	-229.32	8,028.23	7,853.58	174.65	45.968		
13,500.00	6,840.00	6,819.00	6,819.00	205.75	118.05	90.00	2,349.39	-229.32	8,127.62	7,952.91	174.70	46.523		
13,600.00	6,840.00	6,819.00	6,819.00	208.41	118.05	90.00	2,349.39	-229.32	8,227.02	8,052.26	174.76	47.077		
13,700.00	6,840.00	6,819.00	6,819.00	211.07	118.05	90.00	2,349.39	-229.32	8,326.43	8,151.62	174.81	47.631		
13,800.00	6,840.00	6,819.00	6,819.00	213.74	118.05	90.00	2,349.39	-229.32	8,425.86	8,251.00	174.86	48.186		
13,900.00	6,840.00	6,819.00	6,819.00	216.40	118.05	90.00	2,349.39	-229.32	8,525.30	8,350.39	174.92	48.739		
14,000.00	6,840.00	6,819.00	6,819.00	219.06	118.05	90.00	2,349.39	-229.32	8,624.76	8,449.79	174.97	49.293		
14,100.00	6,840.00	6,819.00	6,819.00	221.73	118.05	90.00	2,349.39	-229.32	8,724.22	8,549.20	175.02	49.846		
14,200.00	6,840.00	6,819.00	6,819.00	224.40	118.05	90.00	2,349.39	-229.32	8,823.70	8,648.63	175.08	50.399		
14,300.00	6,840.00	6,819.00	6,819.00	227.07	118.05	90.00	2,349.39	-229.32	8,923.19	8,748.07	175.13	50.952		
14,400.00	6,840.00	6,819.00	6,819.00	229.74	118.05	90.00	2,349.39	-229.32	9,022.70	8,847.51	175.18	51.505		
14,500.00	6,840.00	6,819.00	6,819.00	232.41	118.05	90.00	2,349.39	-229.32	9,122.21	8,946.97	175.23	52.057		
14,600.00	6,840.00	6,819.00	6,819.00	235.08	118.05	90.00	2,349.39	-229.32	9,221.73	9,046.45	175.29	52.609		
14,700.00	6,840.00	6,819.00	6,819.00	237.75	118.05	90.00	2,349.39	-229.32	9,321.27	9,145.93	175.34	53.161		
14,800.00	6,840.00	6,819.00	6,819.00	240.43	118.05	90.00	2,349.39	-229.32	9,420.81	9,245.42	175.39	53.712		
14,900.00	6,840.00	6,819.00	6,819.00	243.10	118.05	90.00	2,349.39	-229.32	9,520.36	9,344.92	175.45	54.263		
15,000.00	6,840.00	6,819.00	6,819.00	245.78	118.05	90.00	2,349.39	-229.32	9,619.93	9,444.43	175.50	54.814		
15,100.00	6,840.00	6,819.00	6,819.00	248.46	118.05	90.00	2,349.39	-229.32	9,719.50	9,543.94	175.55	55.365		
15,200.00	6,840.00	6,819.00	6,819.00	251.14	118.05	90.00	2,349.39	-229.32	9,819.08	9,643.47	175.61	55.915		
15,300.00	6,840.00	6,819.00	6,819.00	253.82	118.05	90.00	2,349.39	-229.32	9,918.67	9,743.01	175.66	56.465		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-107.27	-1,074.83	-3,457.59	3,621.17					
100.00	100.00	48.93	48.93	0.13	0.05	-107.27	-1,074.94	-3,457.55	3,620.79	3,620.61	0.18	N/A		
200.00	200.00	173.80	173.79	0.49	0.19	-107.29	-1,076.00	-3,456.90	3,620.58	3,619.90	0.68	5,311.842		
300.00	300.00	280.40	280.38	0.85	0.30	-107.31	-1,077.04	-3,455.57	3,619.68	3,618.53	1.14	3,171.706		
400.00	400.00	374.89	374.86	1.21	0.37	-107.33	-1,078.15	-3,454.41	3,618.85	3,617.28	1.57	2,310.932		
500.00	500.00	459.84	459.79	1.57	0.42	-107.35	-1,079.24	-3,453.56	3,618.28	3,616.31	1.97	1,833.512		
600.00	599.98	531.84	531.78	1.92	0.46	-52.80	-1,080.45	-3,453.16	3,617.22	3,614.86	2.36	1,530.078		
700.00	699.84	600.00	599.93	2.28	0.50	-52.90	-1,081.99	-3,453.40	3,615.03	3,612.28	2.75	1,315.264		
800.00	799.45	674.10	673.99	2.65	0.54	-53.07	-1,084.07	-3,454.14	3,611.54	3,608.40	3.14	1,149.555		
900.00	898.70	771.41	771.24	3.02	0.58	-53.34	-1,087.25	-3,455.30	3,606.35	3,602.80	3.55	1,015.330		
1,000.00	997.47	875.90	875.67	3.42	0.63	-53.72	-1,090.78	-3,456.37	3,599.00	3,595.02	3.98	905.058		
1,100.00	1,095.62	977.27	976.98	3.84	0.68	-54.17	-1,094.02	-3,457.33	3,589.54	3,585.12	4.42	812.904		
1,200.00	1,193.06	1,074.50	1,074.16	4.30	0.72	-54.68	-1,096.81	-3,458.29	3,578.10	3,573.22	4.87	734.050		
1,300.00	1,289.64	1,170.27	1,169.90	4.79	0.76	-55.26	-1,099.35	-3,459.33	3,564.80	3,559.44	5.36	665.128		
1,400.00	1,385.27	1,263.99	1,263.59	5.33	0.80	-55.91	-1,101.64	-3,460.44	3,549.73	3,543.86	5.88	604.049		
1,500.00	1,479.82	1,351.25	1,350.81	5.92	0.83	-56.60	-1,103.57	-3,461.65	3,533.04	3,526.61	6.43	549.547		
1,600.00	1,573.17	1,437.64	1,437.18	6.56	0.87	-57.36	-1,105.42	-3,463.09	3,514.94	3,507.91	7.03	500.266		
1,700.00	1,665.22	1,529.90	1,529.40	7.26	0.90	-58.18	-1,107.44	-3,464.72	3,495.38	3,487.71	7.67	455.441		
1,800.00	1,756.74	1,629.58	1,629.04	7.99	0.94	-58.78	-1,109.44	-3,466.41	3,475.35	3,466.99	8.36	415.824		
1,900.00	1,848.26	1,732.81	1,732.24	8.75	0.97	-59.39	-1,111.07	-3,467.98	3,455.36	3,446.30	9.06	381.243		
2,000.00	1,939.78	1,836.32	1,835.74	9.51	1.01	-60.01	-1,112.18	-3,469.45	3,435.48	3,425.69	9.79	351.024		
2,100.00	2,031.30	1,956.07	1,955.48	10.29	1.04	-60.72	-1,112.43	-3,470.83	3,415.40	3,404.88	10.52	324.526		
2,200.00	2,122.82	2,084.74	2,084.14	11.07	1.05	-61.48	-1,111.15	-3,471.61	3,394.75	3,383.49	11.27	301.348		
2,300.00	2,214.34	2,183.18	2,182.56	11.86	1.06	-62.06	-1,109.50	-3,471.76	3,373.79	3,361.78	12.01	280.866		
2,400.00	2,305.85	2,292.50	2,291.87	12.66	1.06	-62.71	-1,107.67	-3,471.60	3,352.92	3,340.16	12.77	262.630		
2,500.00	2,397.37	2,407.14	2,406.49	13.46	1.07	-63.41	-1,105.54	-3,470.73	3,331.80	3,318.28	13.53	246.289		
2,600.00	2,488.89	2,506.68	2,506.00	14.26	1.08	-64.03	-1,103.77	-3,469.43	3,310.62	3,296.32	14.30	231.527		
2,700.00	2,580.41	2,588.31	2,587.61	15.07	1.09	-64.55	-1,102.77	-3,468.17	3,289.82	3,274.74	15.08	218.129		
2,800.00	2,671.93	2,676.30	2,675.59	15.88	1.10	-65.12	-1,102.12	-3,466.79	3,269.58	3,253.71	15.87	205.970		
2,900.00	2,763.45	2,755.38	2,754.66	16.69	1.11	-65.65	-1,101.68	-3,465.62	3,249.90	3,233.23	16.68	194.880		
3,000.00	2,854.97	2,835.59	2,834.87	17.51	1.13	-66.18	-1,101.46	-3,464.73	3,231.03	3,213.54	17.49	184.766		
3,100.00	2,946.49	2,924.17	2,923.44	18.32	1.14	-66.78	-1,101.36	-3,463.85	3,212.74	3,194.43	18.31	175.510		
3,200.00	3,038.00	3,018.00	3,017.26	19.14	1.16	-67.42	-1,101.37	-3,462.83	3,194.85	3,175.72	19.13	167.003		
3,300.00	3,129.52	3,113.70	3,112.96	19.96	1.18	-68.09	-1,101.69	-3,461.49	3,177.30	3,157.34	19.96	159.160		
3,400.00	3,221.04	3,217.37	3,216.62	20.77	1.20	-68.82	-1,101.79	-3,459.93	3,160.01	3,139.21	20.80	151.923		
3,500.00	3,312.56	3,309.34	3,308.53	21.59	1.23	-69.88	-1,099.82	-3,456.79	3,142.08	3,120.45	21.63	145.262		
3,600.00	3,404.08	3,448.73	3,447.88	22.42	1.24	-70.44	-1,098.34	-3,454.41	3,123.61	3,101.13	22.48	138.928		
3,700.00	3,495.60	3,500.00	3,499.13	23.24	1.25	-70.80	-1,097.46	-3,453.36	3,106.44	3,083.09	23.35	133.047		
3,800.00	3,587.12	3,559.82	3,558.94	24.06	1.25	-71.22	-1,096.47	-3,452.93	3,090.75	3,066.54	24.21	127.663		
3,900.00	3,678.63	3,614.11	3,613.22	24.88	1.26	-71.59	-1,095.59	-3,453.46	3,076.68	3,051.61	25.08	122.697		
4,000.00	3,770.15	3,675.12	3,674.21	25.71	1.26	-72.00	-1,094.91	-3,454.63	3,064.06	3,038.11	25.94	118.101		
4,100.00	3,861.67	3,741.30	3,740.37	26.53	1.27	-72.46	-1,094.66	-3,456.36	3,052.76	3,025.94	26.82	113.845		
4,200.00	3,953.19	3,814.35	3,813.39	27.35	1.28	-72.98	-1,094.98	-3,458.51	3,042.61	3,014.92	27.69	109.882		
4,300.00	4,044.71	3,906.63	3,905.62	28.18	1.29	-73.63	-1,095.69	-3,461.33	3,033.16	3,004.59	28.57	106.167		
4,400.00	4,136.23	4,008.04	4,006.98	29.01	1.31	-74.35	-1,096.34	-3,464.31	3,024.04	2,994.58	29.45	102.670		
4,500.00	4,227.75	4,111.35	4,110.26	29.83	1.33	-75.10	-1,096.80	-3,467.08	3,015.07	2,984.73	30.34	99.372		
4,600.00	4,319.27	4,220.53	4,219.41	30.66	1.35	-75.89	-1,096.99	-3,469.57	3,006.14	2,974.91	31.23	96.251		
4,700.00	4,410.78	4,314.40	4,313.25	31.48	1.36	-76.57	-1,096.92	-3,471.62	2,997.46	2,965.34	32.12	93.315		
4,800.00	4,502.30	4,416.98	4,415.82	32.31	1.38	-77.31	-1,096.49	-3,473.77	2,988.98	2,955.97	33.01	90.537		
4,900.00	4,593.82	4,513.88	4,512.69	33.14	1.40	-78.01	-1,095.67	-3,475.89	2,980.78	2,946.88	33.91	87.915		
5,000.00	4,685.34	4,618.90	4,617.67	33.96	1.41	-78.76	-1,094.10	-3,478.39	2,972.77	2,937.98	34.80	85.436		
5,100.00	4,776.86	4,728.12	4,726.78	34.79	1.43	-79.51	-1,090.86	-3,481.76	2,964.77	2,929.09	35.68	83.089		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,845.72	4,844.19	35.62	1.45	-80.30	-1,085.66	-3,485.93	2,956.56	2,919.99	36.56	80.862		
5,300.00	4,959.90	4,951.56	4,949.90	36.45	1.47	-81.03	-1,081.12	-3,488.43	2,948.03	2,910.58	37.45	78.727		
5,400.00	5,051.41	5,043.56	5,041.85	37.27	1.48	-81.69	-1,078.17	-3,489.49	2,939.86	2,901.53	38.33	76.692		
5,500.00	5,142.93	5,131.37	5,129.62	38.10	1.49	-82.34	-1,075.75	-3,490.17	2,932.22	2,893.00	39.22	74.761		
5,600.00	5,234.45	5,213.89	5,212.13	38.93	1.51	-82.96	-1,074.03	-3,490.60	2,925.33	2,885.22	40.11	72.935		
5,700.00	5,325.97	5,300.66	5,298.89	39.76	1.52	-83.62	-1,072.63	-3,490.91	2,919.17	2,878.18	40.99	71.208		
5,800.00	5,417.49	5,388.87	5,387.09	40.59	1.53	-84.30	-1,071.48	-3,491.13	2,913.67	2,871.79	41.88	69.574		
5,900.00	5,509.01	5,480.40	5,478.61	41.42	1.55	-85.01	-1,070.50	-3,491.22	2,908.77	2,866.01	42.76	68.026		
6,000.00	5,600.53	5,574.83	5,573.04	42.25	1.56	-85.75	-1,069.74	-3,490.97	2,904.36	2,860.73	43.64	66.560		
6,100.00	5,692.04	5,675.60	5,673.80	43.07	1.57	-86.56	-1,069.27	-3,490.00	2,900.34	2,855.83	44.51	65.161		
6,200.00	5,783.56	5,772.63	5,770.82	43.90	1.58	-87.34	-1,068.57	-3,488.89	2,896.60	2,851.22	45.38	63.826		
6,300.00	5,875.08	5,869.41	5,867.59	44.73	1.59	-88.12	-1,067.66	-3,487.79	2,893.28	2,847.03	46.25	62.555		
6,400.00	5,966.60	5,966.94	5,965.10	45.56	1.60	-88.90	-1,066.54	-3,486.62	2,890.34	2,843.22	47.12	61.344		
6,500.00	6,058.12	6,064.03	6,062.18	46.39	1.62	-89.68	-1,065.23	-3,485.37	2,887.78	2,839.80	47.98	60.191		
6,600.00	6,149.64	6,167.88	6,166.01	47.22	1.63	-90.52	-1,063.59	-3,483.89	2,885.54	2,836.71	48.83	59.091		
6,700.00	6,241.16	6,282.05	6,280.14	48.05	1.65	-91.44	-1,061.20	-3,481.85	2,883.30	2,833.62	49.68	58.035		
6,800.00	6,332.68	6,382.54	6,380.57	48.88	1.67	-92.25	-1,058.64	-3,479.63	2,881.06	2,830.53	50.53	57.021		
6,900.00	6,424.19	6,442.32	6,440.32	49.71	1.68	-92.73	-1,057.18	-3,478.49	2,879.68	2,828.32	51.36	56.065		
7,000.00	6,514.88	6,500.00	6,497.99	50.58	1.69	-87.17	-1,056.30	-3,478.14	2,878.76	2,826.53	52.22	55.124		
7,100.00	6,599.14	6,545.82	6,543.81	51.67	1.69	-80.98	-1,055.94	-3,478.42	2,871.00	2,817.70	53.30	53.868		
7,200.00	6,673.85	6,600.00	6,597.98	53.01	1.70	-78.76	-1,055.81	-3,479.36	2,855.83	2,801.23	54.61	52.299		
7,300.00	6,736.73	6,643.31	6,641.28	54.56	1.70	-78.79	-1,055.83	-3,480.53	2,833.96	2,777.84	56.12	50.497		
7,400.00	6,785.87	6,685.10	6,683.04	56.29	1.71	-80.48	-1,055.88	-3,481.96	2,806.39	2,748.59	57.80	48.552		
7,500.00	6,819.79	6,700.00	6,697.93	58.13	1.71	-82.91	-1,055.90	-3,482.54	2,774.44	2,714.86	59.58	46.569		
7,600.00	6,837.44	6,725.38	6,723.29	60.02	1.72	-86.52	-1,055.98	-3,483.63	2,739.34	2,677.94	61.41	44.610		
7,700.00	6,840.00	6,729.96	6,727.86	61.90	1.72	-88.64	-1,056.01	-3,483.85	2,702.88	2,639.67	63.21	42.763		
7,800.00	6,840.00	6,733.06	6,730.95	63.83	1.72	-88.71	-1,056.02	-3,484.00	2,668.94	2,603.92	65.02	41.048		
7,900.00	6,840.00	6,736.26	6,734.15	65.81	1.72	-88.78	-1,056.04	-3,484.16	2,638.36	2,571.51	66.85	39.465		
8,000.00	6,840.00	6,739.57	6,737.46	67.84	1.72	-88.85	-1,056.06	-3,484.32	2,611.25	2,542.55	68.69	38.014		
8,100.00	6,840.00	6,743.01	6,740.89	69.91	1.72	-88.93	-1,056.09	-3,484.50	2,587.71	2,517.18	70.52	36.693		
8,200.00	6,840.00	6,746.57	6,744.44	72.03	1.72	-89.01	-1,056.11	-3,484.69	2,567.84	2,495.51	72.34	35.499		
8,300.00	6,840.00	6,750.27	6,748.14	74.18	1.72	-89.10	-1,056.14	-3,484.88	2,551.74	2,477.62	74.11	34.429		
8,400.00	6,840.00	6,754.10	6,751.97	76.37	1.72	-89.18	-1,056.17	-3,485.09	2,539.46	2,463.61	75.85	33.481		
8,500.00	6,840.00	6,758.09	6,755.95	78.59	1.72	-89.27	-1,056.21	-3,485.31	2,531.07	2,453.55	77.52	32.649		
8,600.00	6,840.00	6,762.24	6,760.10	80.85	1.72	-89.37	-1,056.24	-3,485.54	2,526.61	2,447.48	79.13	31.929		
8,663.16	6,840.00	6,764.95	6,762.80	82.29	1.72	-89.43	-1,056.27	-3,485.69	2,525.82	2,445.72	80.11	31.530 CC		
8,700.00	6,840.00	6,766.56	6,764.41	83.13	1.72	-89.46	-1,056.28	-3,485.79	2,526.09	2,445.43	80.66	31.319 ES		
8,800.00	6,840.00	6,771.06	6,768.90	85.44	1.72	-89.57	-1,056.33	-3,486.05	2,529.52	2,447.42	82.10	30.812		
8,900.00	6,840.00	6,775.75	6,773.58	87.77	1.72	-89.67	-1,056.38	-3,486.33	2,536.87	2,453.44	83.44	30.405		
9,000.00	6,840.00	6,780.64	6,778.46	90.12	1.72	-89.78	-1,056.44	-3,486.63	2,548.12	2,463.45	84.67	30.093		
9,100.00	6,840.00	6,785.76	6,783.56	92.50	1.72	-89.90	-1,056.50	-3,486.94	2,563.22	2,477.41	85.81	29.872		
9,200.00	6,840.00	6,791.10	6,788.90	94.89	1.73	-90.02	-1,056.57	-3,487.28	2,582.09	2,495.26	86.83	29.737		
9,300.00	6,840.00	6,796.69	6,794.48	97.30	1.73	-90.15	-1,056.64	-3,487.65	2,604.65	2,516.90	87.74	29.684 SF		
9,400.00	6,840.00	6,815.97	6,813.70	99.73	1.73	-90.58	-1,056.88	-3,488.97	2,630.80	2,542.20	88.59	29.695		
9,500.00	6,840.00	6,863.96	6,861.55	102.17	1.74	-91.67	-1,057.10	-3,492.75	2,660.35	2,570.92	89.43	29.747		
9,600.00	6,840.00	9,600.00	6,857.83	104.63	2.51	-91.58	-1,056.82	-3,492.80	2,692.84	2,602.38	90.46	29.769		
9,700.00	6,840.00	6,913.96	6,911.33	107.10	1.75	-92.79	-1,056.77	-3,497.40	2,729.11	2,638.44	90.67	30.101		
9,800.00	6,840.00	6,923.48	6,920.81	109.58	1.75	-93.01	-1,056.67	-3,498.31	2,768.21	2,677.12	91.09	30.389		
9,900.00	6,840.00	6,932.90	6,930.18	112.07	1.75	-93.22	-1,056.58	-3,499.21	2,810.29	2,718.86	91.43	30.738		
10,000.00	6,840.00	6,942.21	6,939.45	114.58	1.76	-93.43	-1,056.48	-3,500.09	2,855.23	2,763.54	91.68	31.143		
10,100.00	6,840.00	6,951.41	6,948.61	117.09	1.76	-93.64	-1,056.38	-3,500.96	2,902.88	2,811.02	91.86	31.601		
10,200.00	6,840.00	6,960.52	6,957.68	119.61	1.76	-93.84	-1,056.28	-3,501.81	2,953.12	2,861.16	91.97	32.110		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,969.53	6,966.65	122.14	1.76	-94.05	-1,056.18	-3,502.65	3,005.83	2,913.81	92.01	32.667		
10,400.00	6,840.00	6,978.44	6,975.52	124.68	1.76	-94.25	-1,056.08	-3,503.48	3,060.86	2,968.86	92.00	33.270		
10,500.00	6,840.00	6,987.25	6,984.29	127.23	1.77	-94.44	-1,055.98	-3,504.29	3,118.11	3,026.17	91.94	33.915		
10,600.00	6,840.00	6,995.97	6,992.98	129.78	1.77	-94.64	-1,055.88	-3,505.09	3,177.45	3,085.62	91.83	34.601		
10,700.00	6,840.00	7,005.21	7,002.18	132.35	1.77	-94.85	-1,055.77	-3,505.94	3,238.76	3,147.08	91.69	35.324		
10,800.00	6,840.00	7,015.06	7,011.98	134.91	1.77	-95.07	-1,055.66	-3,506.84	3,301.94	3,210.43	91.51	36.083		
10,900.00	6,840.00	7,025.02	7,021.89	137.49	1.77	-95.29	-1,055.54	-3,507.76	3,366.88	3,275.58	91.30	36.876		
11,000.00	6,840.00	7,035.09	7,031.93	140.07	1.77	-95.52	-1,055.43	-3,508.70	3,433.47	3,342.40	91.07	37.701		
11,100.00	6,840.00	7,045.29	7,042.08	142.65	1.77	-95.75	-1,055.32	-3,509.65	3,501.63	3,410.81	90.82	38.556		
11,200.00	6,840.00	7,055.61	7,052.36	145.24	1.78	-95.98	-1,055.20	-3,510.62	3,571.26	3,480.71	90.55	39.439		
11,300.00	6,840.00	7,064.51	7,061.21	147.83	1.78	-96.18	-1,055.11	-3,511.46	3,642.28	3,552.01	90.27	40.351		
11,400.00	6,840.00	7,073.91	7,070.57	150.43	1.78	-96.39	-1,055.01	-3,512.34	3,714.61	3,624.64	89.97	41.288		
11,500.00	6,840.00	7,083.32	7,079.93	153.04	1.79	-96.60	-1,054.90	-3,513.22	3,788.17	3,698.51	89.66	42.250		
11,600.00	6,840.00	7,092.72	7,089.30	155.64	1.79	-96.81	-1,054.80	-3,514.11	3,862.90	3,773.56	89.35	43.234		
11,700.00	6,840.00	7,102.13	7,098.66	158.26	1.79	-97.02	-1,054.70	-3,514.99	3,938.73	3,849.70	89.03	44.241		
11,800.00	6,840.00	7,111.53	7,108.02	160.87	1.80	-97.23	-1,054.60	-3,515.88	4,015.60	3,926.89	88.71	45.268		
11,900.00	6,840.00	7,120.94	7,117.38	163.49	1.80	-97.43	-1,054.49	-3,516.76	4,093.44	4,005.06	88.38	46.315		
12,000.00	6,840.00	7,130.34	7,126.75	166.11	1.80	-97.64	-1,054.39	-3,517.64	4,172.21	4,084.15	88.06	47.380		
12,100.00	6,840.00	7,139.75	7,136.11	168.74	1.81	-97.85	-1,054.29	-3,518.53	4,251.85	4,164.12	87.73	48.463		
12,200.00	6,840.00	7,149.15	7,145.47	171.37	1.81	-98.06	-1,054.19	-3,519.41	4,332.31	4,244.90	87.41	49.562		
12,300.00	6,840.00	7,158.56	7,154.84	174.00	1.81	-98.27	-1,054.08	-3,520.30	4,413.56	4,326.46	87.09	50.678		
12,400.00	6,840.00	7,167.96	7,164.20	176.63	1.82	-98.48	-1,053.98	-3,521.18	4,495.53	4,408.76	86.77	51.808		
12,500.00	6,840.00	7,177.37	7,173.56	179.27	1.82	-98.69	-1,053.88	-3,522.06	4,578.21	4,491.75	86.46	52.952		
12,600.00	6,840.00	7,186.77	7,182.92	181.91	1.82	-98.90	-1,053.78	-3,522.95	4,661.55	4,575.40	86.15	54.109		
12,700.00	6,840.00	7,196.18	7,192.29	184.55	1.83	-99.10	-1,053.68	-3,523.83	4,745.51	4,659.66	85.85	55.279		
12,800.00	6,840.00	7,205.58	7,201.65	187.19	1.83	-99.31	-1,053.57	-3,524.72	4,830.06	4,744.51	85.55	56.461		
12,900.00	6,840.00	7,214.98	7,211.01	189.84	1.83	-99.52	-1,053.47	-3,525.60	4,915.18	4,829.92	85.25	57.654		
13,000.00	6,840.00	7,224.39	7,220.38	192.48	1.84	-99.72	-1,053.37	-3,526.49	5,000.83	4,915.86	84.97	58.857		
13,100.00	6,840.00	7,233.79	7,229.74	195.13	1.84	-99.93	-1,053.27	-3,527.37	5,086.98	5,002.30	84.68	60.071		
13,200.00	6,840.00	7,243.20	7,239.10	197.79	1.84	-100.14	-1,053.16	-3,528.25	5,173.62	5,089.21	84.41	61.294		
13,300.00	6,840.00	7,252.60	7,248.46	200.44	1.85	-100.34	-1,053.06	-3,529.14	5,260.71	5,176.57	84.14	62.526		
13,400.00	6,840.00	7,262.01	7,257.83	203.10	1.85	-100.55	-1,052.96	-3,530.02	5,348.24	5,264.37	83.87	63.767		
13,500.00	6,840.00	7,271.41	7,267.19	205.75	1.85	-100.76	-1,052.86	-3,530.91	5,436.18	5,352.57	83.61	65.015		
13,600.00	6,840.00	7,280.82	7,276.55	208.41	1.86	-100.96	-1,052.76	-3,531.79	5,524.52	5,441.16	83.36	66.271		
13,700.00	6,840.00	7,264.00	7,259.81	211.07	1.85	-100.59	-1,052.94	-3,530.21	5,613.29	5,530.27	83.02	67.615		
13,800.00	6,840.00	7,264.00	7,259.81	213.74	1.85	-100.59	-1,052.94	-3,530.21	5,702.41	5,619.67	82.74	68.917		
13,900.00	6,840.00	7,264.00	7,259.81	216.40	1.85	-100.59	-1,052.94	-3,530.21	5,791.89	5,709.41	82.48	70.226		
14,000.00	6,840.00	7,264.00	7,259.81	219.06	1.85	-100.59	-1,052.94	-3,530.21	5,881.70	5,799.49	82.21	71.542		
14,100.00	6,840.00	7,264.00	7,259.81	221.73	1.85	-100.59	-1,052.94	-3,530.21	5,971.84	5,889.89	81.96	72.866		
14,200.00	6,840.00	7,264.00	7,259.81	224.40	1.85	-100.59	-1,052.94	-3,530.21	6,062.29	5,980.58	81.71	74.195		
14,300.00	6,840.00	7,264.00	7,259.81	227.07	1.85	-100.59	-1,052.94	-3,530.21	6,153.03	6,071.57	81.46	75.531		
14,400.00	6,840.00	7,264.00	7,259.81	229.74	1.85	-100.59	-1,052.94	-3,530.21	6,244.06	6,162.83	81.23	76.873		
14,500.00	6,840.00	7,264.00	7,259.81	232.41	1.85	-100.59	-1,052.94	-3,530.21	6,335.36	6,254.36	80.99	78.221		
14,600.00	6,840.00	7,264.00	7,259.81	235.08	1.85	-100.59	-1,052.94	-3,530.21	6,426.91	6,346.15	80.77	79.574		
14,700.00	6,840.00	7,264.00	7,259.81	237.75	1.85	-100.59	-1,052.94	-3,530.21	6,518.72	6,438.17	80.55	80.932		
14,800.00	6,840.00	7,264.00	7,259.81	240.43	1.85	-100.59	-1,052.94	-3,530.21	6,610.76	6,530.43	80.33	82.294		
14,900.00	6,840.00	7,264.00	7,259.81	243.10	1.85	-100.59	-1,052.94	-3,530.21	6,703.03	6,622.91	80.12	83.661		
15,000.00	6,840.00	7,264.00	7,259.81	245.78	1.85	-100.59	-1,052.94	-3,530.21	6,795.52	6,715.60	79.92	85.032		
15,100.00	6,840.00	7,264.00	7,259.81	248.46	1.85	-100.59	-1,052.94	-3,530.21	6,888.22	6,808.50	79.72	86.408		
15,200.00	6,840.00	7,264.00	7,259.81	251.14	1.85	-100.59	-1,052.94	-3,530.21	6,981.12	6,901.59	79.52	87.786		
15,300.00	6,840.00	7,264.00	7,259.81	253.82	1.85	-100.59	-1,052.94	-3,530.21	7,074.21	6,994.87	79.33	89.169		
15,400.00	6,840.00	7,264.00	7,259.81	256.50	1.85	-100.59	-1,052.94	-3,530.21	7,167.49	7,088.34	79.15	90.555		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	7,264.00	7,259.81	259.18	1.85	-100.59	-1,052.94	-3,530.21	7,260.95	7,181.98	78.97	91.944		
15,600.00	6,840.00	7,264.00	7,259.81	261.86	1.85	-100.59	-1,052.94	-3,530.21	7,354.58	7,275.78	78.80	93.335		
15,700.00	6,840.00	7,264.00	7,259.81	264.54	1.85	-100.59	-1,052.94	-3,530.21	7,448.37	7,369.75	78.63	94.730		
15,800.00	6,840.00	7,264.00	7,259.81	267.23	1.85	-100.59	-1,052.94	-3,530.21	7,542.33	7,463.87	78.46	96.127		
15,900.00	6,840.00	7,264.00	7,259.81	269.91	1.85	-100.59	-1,052.94	-3,530.21	7,636.44	7,558.14	78.30	97.526		
16,000.00	6,840.00	7,264.00	7,259.81	272.59	1.85	-100.59	-1,052.94	-3,530.21	7,730.70	7,652.55	78.14	98.928		
16,100.00	6,840.00	7,264.00	7,259.81	275.28	1.85	-100.59	-1,052.94	-3,530.21	7,825.10	7,747.10	77.99	100.332		
16,200.00	6,840.00	7,264.00	7,259.81	277.97	1.85	-100.59	-1,052.94	-3,530.21	7,919.63	7,841.79	77.84	101.737		
16,300.00	6,840.00	7,264.00	7,259.81	280.65	1.85	-100.59	-1,052.94	-3,530.21	8,014.30	7,936.60	77.70	103.144		
16,400.00	6,840.00	7,264.00	7,259.81	283.34	1.85	-100.59	-1,052.94	-3,530.21	8,109.10	8,031.54	77.56	104.553		
16,500.00	6,840.00	7,264.00	7,259.81	286.03	1.85	-100.59	-1,052.94	-3,530.21	8,204.02	8,126.60	77.42	105.963		
16,600.00	6,840.00	7,264.00	7,259.81	288.72	1.85	-100.59	-1,052.94	-3,530.21	8,299.06	8,221.77	77.29	107.375		
16,700.00	6,840.00	7,264.00	7,259.81	291.41	1.85	-100.59	-1,052.94	-3,530.21	8,394.22	8,317.06	77.16	108.787		
16,800.00	6,840.00	7,264.00	7,259.81	294.10	1.85	-100.59	-1,052.94	-3,530.21	8,489.49	8,412.45	77.04	110.201		
16,900.00	6,840.00	7,264.00	7,259.81	296.79	1.85	-100.59	-1,052.94	-3,530.21	8,584.86	8,507.95	76.91	111.615		
17,000.00	6,840.00	7,264.00	7,259.81	299.48	1.85	-100.59	-1,052.94	-3,530.21	8,680.34	8,603.54	76.80	113.031		
17,100.00	6,840.00	7,264.00	7,259.81	302.17	1.85	-100.59	-1,052.94	-3,530.21	8,775.92	8,699.24	76.68	114.446		
17,200.00	6,840.00	7,264.00	7,259.81	304.86	1.85	-100.59	-1,052.94	-3,530.21	8,871.60	8,795.03	76.57	115.863		
17,300.00	6,840.00	7,264.00	7,259.81	307.56	1.85	-100.59	-1,052.94	-3,530.21	8,967.37	8,890.91	76.46	117.280		
17,400.00	6,840.00	7,264.00	7,259.81	310.25	1.85	-100.59	-1,052.94	-3,530.21	9,063.23	8,986.87	76.36	118.697		
17,500.00	6,840.00	7,264.00	7,259.81	312.94	1.85	-100.59	-1,052.94	-3,530.21	9,159.18	9,082.93	76.25	120.114		
17,600.00	6,840.00	7,264.00	7,259.81	315.64	1.85	-100.59	-1,052.94	-3,530.21	9,255.22	9,179.06	76.15	121.532		
17,700.00	6,840.00	7,264.00	7,259.81	318.33	1.85	-100.59	-1,052.94	-3,530.21	9,351.34	9,275.28	76.06	122.949		
17,800.00	6,840.00	7,264.00	7,259.81	321.03	1.85	-100.59	-1,052.94	-3,530.21	9,447.54	9,371.57	75.97	124.367		
17,900.00	6,840.00	7,264.00	7,259.81	323.72	1.85	-100.59	-1,052.94	-3,530.21	9,543.82	9,467.94	75.87	125.784		
18,000.00	6,840.00	7,264.00	7,259.81	326.42	1.85	-100.59	-1,052.94	-3,530.21	9,640.17	9,564.38	75.79	127.201		
18,100.00	6,840.00	7,264.00	7,259.81	329.11	1.85	-100.59	-1,052.94	-3,530.21	9,736.60	9,660.90	75.70	128.618		
18,200.00	6,840.00	7,264.00	7,259.81	331.81	1.85	-100.59	-1,052.94	-3,530.21	9,833.10	9,757.48	75.62	130.034		
18,300.00	6,840.00	7,264.00	7,259.81	334.51	1.85	-100.59	-1,052.94	-3,530.21	9,929.67	9,854.13	75.54	131.450		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-173.41	-1,672.53	-193.08	1,683.75					
100.00	100.00	86.12	86.12	0.13	0.09	-173.42	-1,672.40	-192.78	1,683.49	1,683.26	0.23	7,473.996		
200.00	200.00	196.14	196.13	0.49	0.23	-173.46	-1,671.80	-191.78	1,682.84	1,682.12	0.72	2,330.354		
300.00	300.00	296.05	296.04	0.85	0.30	-173.47	-1,670.88	-191.32	1,681.87	1,680.72	1.15	1,463.906		
400.00	400.00	385.80	385.78	1.21	0.36	-173.46	-1,670.26	-191.50	1,681.21	1,679.64	1.57	1,072.555		
500.00	500.00	491.96	491.95	1.57	0.41	-173.46	-1,669.78	-191.42	1,680.76	1,678.79	1.97	852.143		
535.67	535.66	525.78	525.76	1.70	0.41	-118.86	-1,669.57	-191.27	1,680.62	1,678.51	2.11	796.955	CC, ES	
600.00	599.98	584.35	584.33	1.92	0.43	-118.89	-1,669.31	-191.30	1,681.08	1,678.73	2.35	714.729		
700.00	699.84	675.82	675.80	2.28	0.46	-118.98	-1,669.25	-191.81	1,683.61	1,680.87	2.74	613.658		
800.00	799.45	784.40	784.38	2.65	0.48	-119.17	-1,669.31	-192.21	1,687.97	1,684.84	3.12	540.680		
900.00	898.70	892.82	892.79	3.02	0.52	-119.47	-1,668.68	-192.11	1,693.38	1,689.84	3.54	478.232		
1,000.00	997.47	979.11	979.09	3.42	0.54	-119.73	-1,668.21	-192.38	1,700.67	1,696.72	3.96	429.755		
1,100.00	1,095.62	1,079.91	1,079.89	3.84	0.57	-120.11	-1,668.12	-192.79	1,710.27	1,705.87	4.40	389.044		
1,200.00	1,193.06	1,182.17	1,182.14	4.30	0.62	-120.58	-1,667.70	-192.90	1,721.44	1,716.57	4.88	353.062		
1,300.00	1,289.64	1,272.99	1,272.96	4.79	0.65	-121.02	-1,667.31	-193.13	1,734.62	1,729.25	5.37	323.166		
1,400.00	1,385.27	1,370.19	1,370.16	5.33	0.67	-121.54	-1,667.13	-193.55	1,750.14	1,744.26	5.88	297.590		
1,500.00	1,479.82	1,463.42	1,463.39	5.92	0.69	-122.09	-1,666.85	-193.53	1,767.70	1,761.28	6.43	275.109		
1,600.00	1,573.17	1,559.08	1,559.05	6.56	0.72	-122.69	-1,666.66	-193.81	1,787.64	1,780.63	7.01	254.952		
1,700.00	1,665.22	1,657.03	1,657.00	7.26	0.76	-123.40	-1,666.17	-193.93	1,809.66	1,802.01	7.64	236.732		
1,800.00	1,756.74	1,752.38	1,752.34	7.99	0.80	-124.43	-1,665.44	-193.92	1,832.73	1,824.44	8.29	220.989		
1,900.00	1,848.26	1,843.06	1,843.02	8.75	0.83	-125.40	-1,664.64	-193.66	1,856.28	1,847.34	8.94	207.607		
2,000.00	1,939.78	1,933.37	1,933.33	9.51	0.86	-126.35	-1,663.99	-193.23	1,880.55	1,870.96	9.59	196.145		
2,100.00	2,031.30	2,027.86	2,027.82	10.29	0.90	-127.32	-1,663.17	-192.70	1,905.23	1,895.00	10.23	186.179		
2,200.00	2,122.82	2,122.95	2,122.90	11.07	0.93	-128.27	-1,662.31	-192.17	1,930.40	1,919.53	10.88	177.504		
2,300.00	2,214.34	2,229.05	2,228.98	11.86	0.97	-129.30	-1,660.66	-191.93	1,955.44	1,943.92	11.52	169.728		
2,400.00	2,305.85	2,317.94	2,317.86	12.66	1.01	-130.14	-1,659.10	-191.64	1,980.79	1,968.64	12.15	163.035		
2,500.00	2,397.37	2,405.39	2,405.30	13.46	1.04	-130.96	-1,657.72	-191.12	2,006.82	1,994.05	12.77	157.173		
2,600.00	2,488.89	2,512.51	2,512.39	14.26	1.08	-131.94	-1,655.69	-190.13	2,033.04	2,019.64	13.39	151.783		
2,700.00	2,580.41	2,617.13	2,616.97	15.07	1.12	-132.88	-1,652.77	-189.22	2,058.87	2,044.85	14.01	146.941		
2,800.00	2,671.93	2,687.36	2,687.17	15.88	1.14	-133.51	-1,651.04	-188.41	2,085.50	2,070.91	14.59	142.943		
2,900.00	2,763.45	2,780.96	2,780.75	16.69	1.17	-134.32	-1,649.27	-187.22	2,113.07	2,097.89	15.18	139.211		
3,000.00	2,854.97	2,868.88	2,868.65	17.51	1.20	-135.05	-1,647.58	-186.54	2,140.94	2,125.18	15.76	135.864		
3,100.00	2,946.49	2,953.57	2,953.32	18.32	1.23	-135.74	-1,646.22	-185.92	2,169.45	2,153.13	16.33	132.885		
3,200.00	3,038.00	3,034.15	3,033.89	19.14	1.26	-136.38	-1,645.23	-185.30	2,198.66	2,181.78	16.88	130.267		
3,300.00	3,129.52	3,110.94	3,110.68	19.96	1.28	-136.98	-1,644.72	-184.41	2,228.81	2,211.40	17.41	128.002		
3,400.00	3,221.04	3,195.39	3,195.12	20.77	1.30	-137.63	-1,644.57	-183.44	2,259.71	2,241.77	17.94	125.949		
3,500.00	3,312.56	3,263.13	3,262.86	21.59	1.30	-138.13	-1,644.92	-182.80	2,291.51	2,273.07	18.44	124.286		
3,600.00	3,404.08	3,348.94	3,348.66	22.42	1.31	-138.74	-1,646.21	-182.13	2,324.40	2,305.46	18.94	122.697		
3,700.00	3,495.60	3,467.98	3,467.69	23.24	1.31	-139.54	-1,647.45	-182.15	2,356.99	2,337.51	19.49	120.957		
3,800.00	3,587.12	3,585.11	3,584.80	24.06	1.31	-140.27	-1,647.72	-184.01	2,388.67	2,368.63	20.04	119.171		
3,900.00	3,678.63	3,709.33	3,708.98	24.88	1.34	-140.99	-1,646.97	-187.37	2,419.54	2,398.92	20.62	117.329		
4,000.00	3,770.15	3,800.05	3,799.66	25.71	1.36	-141.51	-1,645.85	-189.81	2,450.06	2,428.91	21.15	115.830		
4,100.00	3,861.67	3,879.86	3,879.44	26.53	1.37	-141.96	-1,645.02	-191.76	2,481.01	2,459.34	21.66	114.540		
4,200.00	3,953.19	3,965.66	3,965.21	27.35	1.39	-142.43	-1,644.45	-193.71	2,512.53	2,490.36	22.17	113.326		
4,300.00	4,044.71	4,060.29	4,059.82	28.18	1.41	-142.95	-1,643.82	-195.53	2,544.34	2,521.65	22.69	112.130		
4,400.00	4,136.23	4,150.64	4,150.16	29.01	1.43	-143.43	-1,643.08	-197.26	2,576.22	2,553.02	23.20	111.042		
4,500.00	4,227.75	4,241.64	4,241.13	29.83	1.45	-143.91	-1,642.48	-198.82	2,608.46	2,584.76	23.71	110.030		
4,600.00	4,319.27	4,335.69	4,335.17	30.66	1.48	-144.41	-1,641.56	-200.09	2,640.74	2,616.52	24.21	109.063		
4,700.00	4,410.78	4,423.86	4,423.33	31.48	1.50	-144.85	-1,640.92	-201.46	2,673.32	2,648.61	24.71	108.200		
4,800.00	4,502.30	4,521.10	4,520.55	32.31	1.52	-145.33	-1,640.26	-203.23	2,706.02	2,680.80	25.21	107.323		
4,900.00	4,593.82	4,618.29	4,617.73	33.14	1.55	-145.81	-1,639.06	-204.19	2,738.69	2,712.97	25.71	106.506		
5,000.00	4,685.34	4,711.14	4,710.57	33.96	1.58	-146.27	-1,637.62	-204.70	2,771.41	2,745.20	26.21	105.758		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,794.03	4,793.45	34.79	1.60	-146.67	-1,636.58	-205.36	2,804.46	2,777.78	26.68	105.130		
5,200.00	4,868.38	4,937.62	4,937.00	35.62	1.65	-147.32	-1,634.25	-207.80	2,837.03	2,809.78	27.26	104.080		
5,300.00	4,959.90	5,065.07	5,064.33	36.45	1.69	-147.85	-1,630.73	-211.96	2,868.12	2,840.31	27.81	103.117		
5,400.00	5,051.41	5,170.79	5,169.91	37.27	1.72	-148.28	-1,627.17	-215.86	2,898.69	2,870.36	28.33	102.318		
5,500.00	5,142.93	5,264.34	5,263.35	38.10	1.75	-148.66	-1,623.69	-219.11	2,929.17	2,900.35	28.82	101.635		
5,600.00	5,234.45	5,366.59	5,365.47	38.93	1.78	-149.07	-1,619.65	-222.23	2,959.74	2,930.41	29.32	100.938		
5,700.00	5,325.97	5,479.10	5,477.82	39.76	1.82	-149.54	-1,614.14	-224.82	2,989.92	2,960.09	29.83	100.216		
5,800.00	5,417.49	5,566.19	5,564.76	40.59	1.85	-149.91	-1,609.33	-226.35	3,019.95	2,989.65	30.30	99.681		
5,900.00	5,509.01	5,636.39	5,634.85	41.42	1.87	-150.21	-1,605.61	-227.15	3,050.56	3,019.84	30.72	99.294		
6,000.00	5,600.53	5,700.00	5,698.40	42.25	1.89	-150.47	-1,602.84	-227.67	3,082.19	3,051.06	31.13	99.002		
6,100.00	5,692.04	5,765.59	5,763.94	43.07	1.91	-150.74	-1,600.58	-228.09	3,114.79	3,083.24	31.54	98.747		
6,200.00	5,783.56	5,838.70	5,837.03	43.90	1.93	-151.03	-1,598.69	-228.52	3,148.22	3,116.25	31.97	98.488		
6,300.00	5,875.08	5,925.47	5,923.78	44.73	1.96	-151.36	-1,596.74	-228.83	3,182.15	3,149.74	32.41	98.177		
6,400.00	5,966.60	6,028.41	6,026.69	45.56	1.99	-151.76	-1,594.17	-229.26	3,215.97	3,183.07	32.89	97.779		
6,500.00	6,058.12	6,114.52	6,112.76	46.39	2.02	-152.08	-1,592.02	-229.63	3,249.89	3,216.56	33.33	97.500		
6,600.00	6,149.64	6,198.71	6,196.94	47.22	2.05	-152.38	-1,590.11	-229.96	3,284.13	3,250.36	33.77	97.253		
6,700.00	6,241.16	6,287.63	6,285.83	48.05	2.08	-152.70	-1,588.17	-230.11	3,318.63	3,284.41	34.21	97.002		
6,800.00	6,332.68	6,363.31	6,361.50	48.88	2.10	-152.97	-1,586.66	-230.11	3,353.46	3,318.84	34.62	96.851		
6,900.00	6,424.19	6,454.23	6,452.41	49.71	2.13	-153.28	-1,585.42	-230.32	3,388.78	3,353.71	35.07	96.622		
7,000.00	6,514.88	6,552.02	6,550.19	50.58	2.16	-145.63	-1,583.86	-230.71	3,424.90	3,389.35	35.55	96.340		
7,100.00	6,599.14	6,637.76	6,635.92	51.67	2.19	-134.56	-1,582.56	-231.23	3,466.92	3,430.83	36.09	96.055		
7,200.00	6,673.85	6,714.52	6,712.67	53.01	2.21	-125.89	-1,581.17	-231.39	3,514.78	3,478.07	36.70	95.758		
7,300.00	6,736.73	6,776.56	6,774.69	54.56	2.23	-118.05	-1,579.90	-231.28	3,567.52	3,530.16	37.36	95.496		
7,400.00	6,785.87	6,830.73	6,828.84	56.29	2.25	-110.49	-1,578.71	-231.08	3,624.03	3,585.98	38.05	95.245		
7,500.00	6,819.79	6,872.14	6,870.25	58.13	2.26	-102.98	-1,577.72	-230.97	3,682.99	3,644.24	38.75	95.055		
7,600.00	6,837.44	6,893.74	6,891.84	60.02	2.27	-95.46	-1,577.18	-230.93	3,743.02	3,703.61	39.40	94.991 SF		
7,700.00	6,840.00	6,896.76	6,894.86	61.90	2.27	-91.41	-1,577.10	-230.92	3,802.91	3,762.91	40.01	95.061		
7,800.00	6,840.00	6,896.60	6,894.70	63.83	2.27	-91.41	-1,577.11	-230.92	3,864.05	3,823.44	40.61	95.153		
7,900.00	6,840.00	6,896.45	6,894.55	65.81	2.27	-91.41	-1,577.11	-230.92	3,926.79	3,885.57	41.22	95.263		
8,000.00	6,840.00	6,896.29	6,894.39	67.84	2.27	-91.41	-1,577.11	-230.92	3,991.05	3,949.21	41.84	95.398		
8,100.00	6,840.00	6,896.13	6,894.23	69.91	2.27	-91.40	-1,577.12	-230.92	4,056.75	4,014.30	42.45	95.562		
8,200.00	6,840.00	6,895.97	6,894.07	72.03	2.27	-91.40	-1,577.12	-230.92	4,123.83	4,080.77	43.06	95.760		
8,300.00	6,840.00	6,895.81	6,893.91	74.18	2.27	-91.40	-1,577.13	-230.92	4,192.23	4,148.55	43.67	95.993		
8,400.00	6,840.00	6,895.65	6,893.75	76.37	2.27	-91.39	-1,577.13	-230.92	4,261.87	4,217.60	44.27	96.263		
8,500.00	6,840.00	6,895.49	6,893.59	78.59	2.27	-91.39	-1,577.13	-230.92	4,332.70	4,287.84	44.86	96.572		
8,600.00	6,840.00	6,895.33	6,893.42	80.85	2.27	-91.39	-1,577.14	-230.92	4,404.66	4,359.22	45.45	96.919		
8,700.00	6,840.00	6,895.16	6,893.26	83.13	2.27	-91.38	-1,577.14	-230.93	4,477.70	4,431.69	46.02	97.304		
8,800.00	6,840.00	6,894.99	6,893.09	85.44	2.27	-91.38	-1,577.15	-230.93	4,551.77	4,505.19	46.58	97.727		
8,900.00	6,840.00	6,894.83	6,892.92	87.77	2.27	-91.38	-1,577.15	-230.93	4,626.81	4,579.69	47.12	98.186		
9,000.00	6,840.00	6,894.66	6,892.75	90.12	2.27	-91.37	-1,577.16	-230.93	4,702.78	4,655.12	47.66	98.681		
9,100.00	6,840.00	6,894.49	6,892.58	92.50	2.27	-91.37	-1,577.16	-230.93	4,779.64	4,731.46	48.18	99.210		
9,200.00	6,840.00	6,894.32	6,892.41	94.89	2.27	-91.37	-1,577.16	-230.93	4,857.33	4,808.65	48.68	99.773		
9,300.00	6,840.00	6,894.14	6,892.24	97.30	2.27	-91.36	-1,577.17	-230.93	4,935.83	4,886.66	49.18	100.367		
9,400.00	6,840.00	6,893.97	6,892.07	99.73	2.27	-91.36	-1,577.17	-230.93	5,015.10	4,965.44	49.66	100.992		
9,500.00	6,840.00	6,893.79	6,891.89	102.17	2.27	-91.36	-1,577.18	-230.93	5,095.10	5,044.97	50.13	101.646		
9,600.00	6,840.00	6,893.61	6,891.71	104.63	2.27	-91.35	-1,577.18	-230.93	5,175.79	5,125.21	50.58	102.328		
9,700.00	6,840.00	6,893.44	6,891.53	107.10	2.27	-91.35	-1,577.19	-230.93	5,257.14	5,206.12	51.02	103.036		
9,800.00	6,840.00	6,893.26	6,891.35	109.58	2.27	-91.35	-1,577.19	-230.93	5,339.13	5,287.68	51.45	103.770		
9,900.00	6,840.00	6,893.07	6,891.17	112.07	2.27	-91.34	-1,577.20	-230.93	5,421.72	5,369.85	51.87	104.527		
10,000.00	6,840.00	6,892.89	6,890.99	114.58	2.27	-91.34	-1,577.20	-230.93	5,504.89	5,452.62	52.27	105.308		
10,100.00	6,840.00	6,892.71	6,890.80	117.09	2.27	-91.34	-1,577.21	-230.93	5,588.62	5,535.95	52.67	106.110		
10,200.00	6,840.00	6,892.52	6,890.62	119.61	2.27	-91.33	-1,577.21	-230.93	5,672.86	5,619.81	53.05	106.932		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,892.33	6,890.43	122.14	2.27	-91.33	-1,577.22	-230.93	5,757.62	5,704.20	53.42	107.775		
10,400.00	6,840.00	6,892.14	6,890.24	124.68	2.27	-91.33	-1,577.22	-230.93	5,842.85	5,789.07	53.78	108.635		
10,500.00	6,840.00	6,891.95	6,890.05	127.23	2.27	-91.32	-1,577.22	-230.93	5,928.55	5,874.41	54.14	109.514		
10,600.00	6,840.00	6,891.76	6,889.86	129.78	2.27	-91.32	-1,577.23	-230.93	6,014.69	5,960.21	54.48	110.409		
10,700.00	6,840.00	6,891.57	6,889.67	132.35	2.27	-91.32	-1,577.23	-230.93	6,101.25	6,046.44	54.81	111.320		
10,800.00	6,840.00	6,891.37	6,889.47	134.91	2.27	-91.31	-1,577.24	-230.93	6,188.22	6,133.08	55.13	112.246		
10,900.00	6,840.00	6,891.17	6,889.27	137.49	2.27	-91.31	-1,577.24	-230.93	6,275.57	6,220.13	55.44	113.186		
11,000.00	6,840.00	6,890.98	6,889.07	140.07	2.27	-91.30	-1,577.25	-230.93	6,363.30	6,307.55	55.75	114.140		
11,100.00	6,840.00	6,890.77	6,888.87	142.65	2.27	-91.30	-1,577.25	-230.93	6,451.38	6,395.33	56.05	115.106		
11,200.00	6,840.00	6,890.57	6,888.67	145.24	2.27	-91.30	-1,577.26	-230.93	6,539.81	6,483.47	56.34	116.085		
11,300.00	6,840.00	6,890.37	6,888.47	147.83	2.27	-91.29	-1,577.27	-230.93	6,628.56	6,571.95	56.62	117.075		
11,400.00	6,840.00	6,890.16	6,888.26	150.43	2.27	-91.29	-1,577.27	-230.93	6,717.64	6,660.74	56.89	118.077		
11,500.00	6,840.00	6,889.96	6,888.05	153.04	2.27	-91.29	-1,577.28	-230.93	6,807.01	6,749.85	57.16	119.088		
11,600.00	6,840.00	6,889.75	6,887.85	155.64	2.27	-91.28	-1,577.28	-230.93	6,896.68	6,839.26	57.42	120.110		
11,700.00	6,840.00	6,889.54	6,887.63	158.26	2.27	-91.28	-1,577.29	-230.93	6,986.63	6,928.95	57.67	121.141		
11,800.00	6,840.00	6,889.32	6,887.42	160.87	2.27	-91.27	-1,577.29	-230.93	7,076.84	7,018.92	57.92	122.181		
11,900.00	6,840.00	6,889.11	6,887.21	163.49	2.27	-91.27	-1,577.30	-230.93	7,167.32	7,109.16	58.16	123.229		
12,000.00	6,840.00	6,888.89	6,886.99	166.11	2.27	-91.27	-1,577.30	-230.93	7,258.05	7,199.65	58.40	124.285		
12,100.00	6,840.00	6,888.67	6,886.77	168.74	2.27	-91.26	-1,577.31	-230.93	7,349.01	7,290.39	58.63	125.349		
12,200.00	6,840.00	6,888.45	6,886.55	171.37	2.27	-91.26	-1,577.31	-230.94	7,440.21	7,381.36	58.85	126.420		
12,300.00	6,840.00	6,888.23	6,886.33	174.00	2.27	-91.25	-1,577.32	-230.94	7,531.64	7,472.56	59.07	127.498		
12,400.00	6,840.00	6,888.01	6,886.10	176.63	2.27	-91.25	-1,577.32	-230.94	7,623.27	7,563.99	59.29	128.582		
12,500.00	6,840.00	6,887.78	6,885.88	179.27	2.27	-91.24	-1,577.33	-230.94	7,715.12	7,655.62	59.50	129.672		
12,600.00	6,840.00	6,887.55	6,885.65	181.91	2.27	-91.24	-1,577.34	-230.94	7,807.17	7,747.46	59.70	130.768		
12,700.00	6,840.00	6,887.32	6,885.42	184.55	2.27	-91.24	-1,577.34	-230.94	7,899.41	7,839.50	59.90	131.870		
12,800.00	6,840.00	6,887.09	6,885.19	187.19	2.27	-91.23	-1,577.35	-230.94	7,991.83	7,931.73	60.10	132.977		
12,900.00	6,840.00	6,886.85	6,884.95	189.84	2.27	-91.23	-1,577.35	-230.94	8,084.44	8,024.15	60.29	134.089		
13,000.00	6,840.00	6,886.61	6,884.71	192.48	2.27	-91.22	-1,577.36	-230.94	8,177.22	8,116.74	60.48	135.206		
13,100.00	6,840.00	6,886.38	6,884.48	195.13	2.27	-91.22	-1,577.37	-230.94	8,270.17	8,209.50	60.66	136.327		
13,200.00	6,840.00	6,886.13	6,884.23	197.79	2.27	-91.21	-1,577.37	-230.94	8,363.28	8,302.44	60.85	137.452		
13,300.00	6,840.00	6,885.89	6,883.99	200.44	2.27	-91.21	-1,577.38	-230.94	8,456.55	8,395.53	61.02	138.581		
13,400.00	6,840.00	6,885.64	6,883.74	203.10	2.27	-91.20	-1,577.38	-230.94	8,549.97	8,488.77	61.20	139.714		
13,500.00	6,840.00	6,885.40	6,883.50	205.75	2.27	-91.20	-1,577.39	-230.94	8,643.54	8,582.17	61.37	140.850		
13,600.00	6,840.00	6,885.15	6,883.25	208.41	2.27	-91.19	-1,577.40	-230.94	8,737.25	8,675.72	61.53	141.990		
13,700.00	6,840.00	6,884.89	6,882.99	211.07	2.27	-91.19	-1,577.40	-230.94	8,831.10	8,769.40	61.70	143.133		
13,800.00	6,840.00	6,884.64	6,882.74	213.74	2.27	-91.19	-1,577.41	-230.94	8,925.08	8,863.22	61.86	144.278		
13,900.00	6,840.00	6,884.38	6,882.48	216.40	2.27	-91.18	-1,577.42	-230.94	9,019.19	8,957.17	62.02	145.427		
14,000.00	6,840.00	6,884.12	6,882.22	219.06	2.27	-91.18	-1,577.42	-230.94	9,113.43	9,051.26	62.17	146.578		
14,100.00	6,840.00	6,883.86	6,881.96	221.73	2.27	-91.17	-1,577.43	-230.94	9,207.79	9,145.46	62.33	147.732		
14,200.00	6,840.00	6,883.59	6,881.69	224.40	2.27	-91.17	-1,577.44	-230.94	9,302.27	9,239.79	62.48	148.888		
14,300.00	6,840.00	6,883.32	6,881.42	227.07	2.27	-91.16	-1,577.44	-230.94	9,396.86	9,334.23	62.63	150.046		
14,400.00	6,840.00	6,883.05	6,881.15	229.74	2.27	-91.16	-1,577.45	-230.94	9,491.56	9,428.79	62.77	151.205		
14,500.00	6,840.00	6,882.78	6,880.88	232.41	2.27	-91.15	-1,577.46	-230.94	9,586.37	9,523.45	62.92	152.367		
14,600.00	6,840.00	6,882.50	6,880.60	235.08	2.27	-91.14	-1,577.46	-230.95	9,681.28	9,618.22	63.06	153.531		
14,700.00	6,840.00	6,882.22	6,880.32	237.75	2.27	-91.14	-1,577.47	-230.95	9,776.30	9,713.10	63.20	154.696		
14,800.00	6,840.00	6,881.94	6,880.04	240.43	2.27	-91.13	-1,577.48	-230.95	9,871.41	9,808.08	63.33	155.863		
14,900.00	6,840.00	6,881.66	6,879.76	243.10	2.27	-91.13	-1,577.48	-230.95	9,966.62	9,903.15	63.47	157.030		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-134.89	-1,009.47	-1,013.39	1,430.81					
100.00	100.00	68.38	68.38	0.13	0.12	-134.89	-1,009.40	-1,013.34	1,430.30	1,430.05	0.26	5,561.689		
200.00	200.00	168.79	168.79	0.49	0.42	-134.88	-1,009.10	-1,013.22	1,430.00	1,429.08	0.92	1,558.078		
300.00	300.00	267.38	267.38	0.85	0.78	-134.87	-1,008.75	-1,013.27	1,429.79	1,428.16	1.63	878.352		
400.00	400.00	367.10	367.10	1.21	1.13	-134.86	-1,008.39	-1,013.42	1,429.64	1,427.30	2.34	610.462		
500.00	500.00	466.57	466.57	1.57	1.49	-134.84	-1,007.97	-1,013.65	1,429.51	1,426.45	3.06	467.876		
600.00	599.98	563.33	563.32	1.92	1.83	-80.28	-1,007.65	-1,013.93	1,429.19	1,425.44	3.75	380.933		
700.00	699.84	663.73	663.73	2.28	2.18	-80.50	-1,007.59	-1,014.23	1,428.48	1,424.02	4.46	320.260		
800.00	799.45	766.31	766.31	2.65	2.55	-80.86	-1,007.25	-1,014.51	1,427.02	1,421.84	5.19	275.004		
900.00	898.70	862.01	862.01	3.02	2.89	-81.35	-1,006.97	-1,014.70	1,425.05	1,419.14	5.91	241.280		
1,000.00	997.47	959.50	959.50	3.42	3.23	-81.99	-1,006.91	-1,015.09	1,423.00	1,416.35	6.65	214.071		
1,100.00	1,095.62	1,059.84	1,059.83	3.84	3.59	-82.78	-1,006.75	-1,015.46	1,420.55	1,413.13	7.43	191.292		
1,200.00	1,193.06	1,158.90	1,158.89	4.30	3.94	-83.71	-1,006.41	-1,015.82	1,417.83	1,409.60	8.23	172.176		
1,300.00	1,289.64	1,255.00	1,254.99	4.79	4.29	-84.74	-1,005.96	-1,016.23	1,415.07	1,406.00	9.07	155.981		
1,400.00	1,385.27	1,348.56	1,348.55	5.33	4.62	-85.87	-1,005.48	-1,016.86	1,412.62	1,402.67	9.94	142.047		
1,500.00	1,479.82	1,443.59	1,443.57	5.92	4.96	-87.12	-1,004.99	-1,017.71	1,410.68	1,399.80	10.87	129.743		
1,600.00	1,573.17	1,539.16	1,539.13	6.56	5.30	-88.50	-1,004.29	-1,018.57	1,409.19	1,397.33	11.86	118.838		
1,700.00	1,665.22	1,632.68	1,632.64	7.26	5.64	-89.96	-1,003.55	-1,019.45	1,408.53	1,395.64	12.89	109.241		
1,726.91	1,689.85	1,658.54	1,658.51	7.45	5.73	-90.37	-1,003.32	-1,019.67	1,408.50	1,395.32	13.18	106.831 CC		
1,800.00	1,756.74	1,727.69	1,727.64	7.99	5.98	-91.47	-1,002.64	-1,020.23	1,408.73	1,394.76	13.97	100.830 ES		
1,900.00	1,848.26	1,819.73	1,819.69	8.75	6.31	-92.94	-1,001.74	-1,020.85	1,409.94	1,394.88	15.05	93.665		
2,000.00	1,939.78	1,910.79	1,910.74	9.51	6.64	-94.40	-1,000.99	-1,021.32	1,412.28	1,396.14	16.14	87.501		
2,100.00	2,031.30	2,004.09	2,004.03	10.29	6.97	-95.89	-1,000.23	-1,021.76	1,415.71	1,398.47	17.24	82.118		
2,200.00	2,122.82	2,106.06	2,105.99	11.07	7.33	-97.51	-999.05	-1,021.99	1,419.85	1,401.47	18.37	77.288		
2,300.00	2,214.34	2,196.82	2,196.75	11.86	7.66	-98.95	-997.74	-1,022.12	1,424.80	1,405.34	19.46	73.220		
2,400.00	2,305.85	2,292.84	2,292.76	12.66	8.00	-100.44	-996.12	-1,022.48	1,430.70	1,410.14	20.56	69.574		
2,500.00	2,397.37	2,378.04	2,377.94	13.46	8.30	-101.74	-994.56	-1,023.19	1,437.70	1,416.08	21.62	66.484		
2,600.00	2,488.89	2,474.37	2,474.24	14.26	8.65	-103.20	-992.94	-1,024.25	1,445.92	1,423.20	22.72	63.642		
2,700.00	2,580.41	2,573.86	2,573.72	15.07	9.00	-104.70	-991.00	-1,024.65	1,454.65	1,430.84	23.81	61.082		
2,800.00	2,671.93	2,669.15	2,668.99	15.88	9.34	-106.14	-988.93	-1,024.51	1,464.02	1,439.14	24.88	58.836		
2,900.00	2,763.45	2,758.98	2,758.79	16.69	9.66	-107.47	-986.83	-1,024.69	1,474.33	1,448.40	25.92	56.877		
3,000.00	2,854.97	2,852.89	2,852.68	17.51	10.00	-108.83	-984.67	-1,025.26	1,485.72	1,458.75	26.96	55.100		
3,100.00	2,946.49	2,948.00	2,947.76	18.32	10.34	-110.21	-982.35	-1,025.23	1,497.75	1,469.75	28.00	53.497		
3,200.00	3,038.00	3,051.71	3,051.42	19.14	10.71	-111.67	-979.44	-1,025.71	1,510.49	1,481.44	29.05	51.995		
3,300.00	3,129.52	3,154.02	3,153.65	19.96	11.07	-113.09	-975.48	-1,025.94	1,523.04	1,492.95	30.09	50.623		
3,400.00	3,221.04	3,238.87	3,238.44	20.77	11.38	-114.25	-972.21	-1,026.05	1,536.48	1,505.43	31.04	49.495		
3,500.00	3,312.56	3,318.27	3,317.81	21.59	11.66	-115.32	-969.82	-1,026.08	1,551.47	1,519.51	31.96	48.541		
3,600.00	3,404.08	3,400.91	3,400.42	22.42	11.95	-116.44	-967.94	-1,025.74	1,567.92	1,535.05	32.87	47.694		
3,700.00	3,495.60	3,479.68	3,479.18	23.24	12.23	-117.50	-966.76	-1,025.11	1,585.84	1,552.09	33.75	46.990		
3,800.00	3,587.12	3,560.74	3,560.23	24.06	12.51	-118.58	-966.16	-1,024.37	1,605.25	1,570.64	34.61	46.381		
3,900.00	3,678.63	3,643.82	3,643.31	24.88	12.79	-119.67	-966.03	-1,023.66	1,625.98	1,590.52	35.46	45.854		
4,000.00	3,770.15	3,729.08	3,728.57	25.71	13.07	-120.75	-966.27	-1,022.99	1,647.85	1,611.55	36.30	45.395		
4,100.00	3,861.67	3,816.75	3,816.23	26.53	13.36	-121.84	-966.73	-1,022.52	1,670.69	1,633.55	37.14	44.988		
4,200.00	3,953.19	3,905.11	3,904.59	27.35	13.65	-122.91	-967.37	-1,022.11	1,694.38	1,656.41	37.96	44.633		
4,300.00	4,044.71	3,992.47	3,991.95	28.18	13.94	-123.93	-968.17	-1,021.88	1,718.90	1,680.13	38.77	44.331		
4,400.00	4,136.23	4,090.66	4,090.14	29.01	14.27	-125.04	-969.02	-1,022.00	1,743.98	1,704.35	39.63	44.004		
4,500.00	4,227.75	4,182.67	4,182.14	29.83	14.58	-126.05	-969.59	-1,022.32	1,769.40	1,728.94	40.45	43.738		
4,600.00	4,319.27	4,287.60	4,287.07	30.66	14.94	-127.15	-969.95	-1,023.19	1,795.09	1,753.75	41.34	43.422		
4,700.00	4,410.78	4,371.98	4,371.43	31.48	15.24	-127.99	-970.03	-1,024.62	1,821.00	1,778.87	42.12	43.229		
4,800.00	4,502.30	4,459.35	4,458.79	32.31	15.54	-128.84	-970.53	-1,026.12	1,847.80	1,804.89	42.91	43.058		
4,900.00	4,593.82	4,564.46	4,563.89	33.14	15.91	-129.83	-970.98	-1,027.77	1,874.95	1,831.16	43.79	42.818		
5,000.00	4,685.34	4,694.26	4,693.67	33.96	16.37	-131.03	-969.65	-1,029.67	1,901.21	1,856.43	44.78	42.455		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,792.06	4,791.43	34.79	16.72	-131.93	-967.35	-1,030.68	1,926.72	1,881.12	45.60	42.249		
5,200.00	4,868.38	4,895.73	4,895.06	35.62	17.09	-132.88	-964.39	-1,030.86	1,952.31	1,905.87	46.44	42.040		
5,300.00	4,959.90	4,984.10	4,983.37	36.45	17.40	-133.70	-961.50	-1,030.14	1,978.12	1,930.94	47.19	41.920		
5,400.00	5,051.41	5,072.55	5,071.77	37.27	17.71	-134.52	-958.64	-1,028.61	2,004.57	1,956.65	47.92	41.831		
5,500.00	5,142.93	5,164.90	5,164.06	38.10	18.04	-135.36	-955.72	-1,026.93	2,031.53	1,982.87	48.66	41.746		
5,600.00	5,234.45	5,249.60	5,248.70	38.93	18.33	-136.12	-953.00	-1,025.11	2,058.96	2,009.60	49.36	41.711 SF		
5,700.00	5,325.97	5,330.44	5,329.49	39.76	18.62	-136.82	-950.89	-1,023.49	2,087.30	2,037.26	50.04	41.716		
5,800.00	5,417.49	5,411.53	5,410.52	40.59	18.90	-137.53	-948.94	-1,021.15	2,116.42	2,065.72	50.70	41.746		
5,900.00	5,509.01	5,481.50	5,480.44	41.42	19.15	-138.14	-947.70	-1,018.68	2,146.65	2,095.36	51.29	41.855		
6,000.00	5,600.53	5,553.94	5,552.82	42.25	19.40	-138.75	-947.09	-1,016.06	2,178.11	2,126.23	51.88	41.983		
6,100.00	5,692.04	5,630.31	5,629.16	43.07	19.66	-139.37	-947.16	-1,013.65	2,210.62	2,158.13	52.49	42.115		
6,200.00	5,783.56	5,713.75	5,712.57	43.90	19.94	-140.01	-947.85	-1,011.72	2,243.89	2,190.75	53.14	42.227		
6,300.00	5,875.08	5,811.08	5,809.89	44.73	20.27	-140.70	-949.06	-1,010.63	2,277.49	2,223.62	53.87	42.275		
6,400.00	5,966.60	5,922.41	5,921.22	45.56	20.64	-141.44	-949.78	-1,010.41	2,310.53	2,255.84	54.69	42.246		
6,500.00	6,058.12	5,995.40	5,994.20	46.39	20.89	-141.91	-950.50	-1,010.59	2,344.01	2,288.72	55.29	42.396		
6,600.00	6,149.64	6,111.66	6,110.45	47.22	21.29	-142.64	-951.44	-1,010.66	2,377.64	2,321.50	56.14	42.353		
6,700.00	6,241.16	6,205.34	6,204.14	48.05	21.61	-143.21	-951.67	-1,010.79	2,410.97	2,354.11	56.86	42.405		
6,800.00	6,332.68	6,286.59	6,285.38	48.88	21.89	-143.69	-952.06	-1,011.11	2,444.62	2,387.12	57.50	42.515		
6,900.00	6,424.19	6,374.71	6,373.50	49.71	22.19	-144.19	-952.77	-1,011.51	2,478.73	2,420.54	58.18	42.601		
7,000.00	6,514.88	6,463.51	6,462.29	50.58	22.49	-136.69	-953.60	-1,011.98	2,513.74	2,454.85	58.89	42.688		
7,100.00	6,599.14	6,549.06	6,547.84	51.67	22.78	-126.07	-954.37	-1,012.30	2,552.86	2,493.20	59.66	42.791		
7,200.00	6,673.85	6,625.97	6,624.74	53.01	23.05	-118.19	-954.96	-1,012.56	2,595.93	2,535.45	60.47	42.926		
7,300.00	6,736.73	6,689.08	6,687.85	54.56	23.26	-111.47	-955.43	-1,012.78	2,642.46	2,581.17	61.29	43.114		
7,400.00	6,785.87	6,737.00	6,735.78	56.29	23.43	-105.16	-955.79	-1,012.94	2,691.80	2,629.72	62.07	43.364		
7,500.00	6,819.79	6,769.63	6,768.40	58.13	23.54	-98.97	-956.03	-1,012.98	2,743.12	2,680.32	62.79	43.684		
7,600.00	6,837.44	6,786.51	6,785.28	60.02	23.60	-92.87	-956.15	-1,012.99	2,795.35	2,731.93	63.42	44.077		
7,700.00	6,840.00	6,788.94	6,787.71	61.90	23.61	-89.59	-956.17	-1,012.99	2,847.59	2,783.66	63.93	44.541		
7,800.00	6,840.00	6,788.93	6,787.70	63.83	23.61	-89.59	-956.17	-1,012.99	2,901.83	2,837.40	64.43	45.041		
7,900.00	6,840.00	6,788.92	6,787.69	65.81	23.61	-89.59	-956.17	-1,012.99	2,958.45	2,893.53	64.92	45.574		
8,000.00	6,840.00	6,788.91	6,787.68	67.84	23.61	-89.59	-956.17	-1,012.99	3,017.32	2,951.93	65.40	46.140		
8,100.00	6,840.00	6,788.90	6,787.67	69.91	23.61	-89.59	-956.17	-1,012.99	3,078.32	3,012.45	65.87	46.737		
8,200.00	6,840.00	6,788.89	6,787.66	72.03	23.61	-89.59	-956.17	-1,012.99	3,141.32	3,074.99	66.32	47.364		
8,300.00	6,840.00	6,788.88	6,787.65	74.18	23.61	-89.59	-956.17	-1,012.99	3,206.19	3,139.43	66.77	48.021		
8,400.00	6,840.00	6,788.87	6,787.64	76.37	23.61	-89.59	-956.17	-1,012.99	3,272.84	3,205.65	67.20	48.706		
8,500.00	6,840.00	6,788.86	6,787.63	78.59	23.61	-89.59	-956.17	-1,012.99	3,341.15	3,273.54	67.61	49.417		
8,600.00	6,840.00	6,788.85	6,787.62	80.85	23.61	-89.59	-956.17	-1,012.99	3,411.03	3,343.02	68.01	50.154		
8,700.00	6,840.00	6,788.84	6,787.61	83.13	23.61	-89.59	-956.17	-1,012.99	3,482.38	3,413.98	68.39	50.916		
8,800.00	6,840.00	6,788.83	6,787.60	85.44	23.61	-89.59	-956.17	-1,012.99	3,555.10	3,486.34	68.76	51.701		
8,900.00	6,840.00	6,788.82	6,787.59	87.77	23.61	-89.59	-956.17	-1,012.99	3,629.13	3,560.01	69.12	52.507		
9,000.00	6,840.00	6,788.81	6,787.58	90.12	23.61	-89.59	-956.17	-1,012.99	3,704.37	3,634.92	69.46	53.334		
9,100.00	6,840.00	6,788.80	6,787.58	92.50	23.61	-89.59	-956.17	-1,012.99	3,780.77	3,710.99	69.78	54.180		
9,200.00	6,840.00	6,788.79	6,787.57	94.89	23.61	-89.59	-956.17	-1,012.99	3,858.24	3,788.15	70.09	55.045		
9,300.00	6,840.00	6,788.79	6,787.56	97.30	23.61	-89.59	-956.17	-1,012.99	3,936.73	3,866.34	70.39	55.927		
9,400.00	6,840.00	6,788.78	6,787.55	99.73	23.61	-89.59	-956.17	-1,012.99	4,016.17	3,945.50	70.68	56.825		
9,500.00	6,840.00	6,788.77	6,787.54	102.17	23.61	-89.59	-956.17	-1,012.99	4,096.52	4,025.57	70.95	57.739		
9,600.00	6,840.00	6,788.76	6,787.53	104.63	23.61	-89.59	-956.17	-1,012.99	4,177.71	4,106.50	71.21	58.667		
9,700.00	6,840.00	6,788.75	6,787.52	107.10	23.61	-89.59	-956.17	-1,012.99	4,259.71	4,188.24	71.46	59.608		
9,800.00	6,840.00	6,788.74	6,787.51	109.58	23.61	-89.59	-956.17	-1,012.99	4,342.45	4,270.75	71.70	60.563		
9,900.00	6,840.00	6,788.73	6,787.50	112.07	23.61	-89.58	-956.17	-1,012.99	4,425.92	4,353.98	71.93	61.529		
10,000.00	6,840.00	6,788.72	6,787.50	114.58	23.61	-89.58	-956.17	-1,012.99	4,510.05	4,437.90	72.15	62.506		
10,100.00	6,840.00	6,788.72	6,787.49	117.09	23.61	-89.58	-956.17	-1,012.99	4,594.82	4,522.45	72.37	63.494		
10,200.00	6,840.00	6,788.71	6,787.48	119.61	23.61	-89.58	-956.17	-1,012.99	4,680.19	4,607.62	72.57	64.493		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,788.70	6,787.47	122.14	23.61	-89.58	-956.17	-1,012.99	4,766.13	4,693.36	72.77	65.500		
10,400.00	6,840.00	6,788.69	6,787.46	124.68	23.61	-89.58	-956.17	-1,012.99	4,852.61	4,779.65	72.95	66.516		
10,500.00	6,840.00	6,788.68	6,787.45	127.23	23.61	-89.58	-956.17	-1,012.99	4,939.60	4,866.46	73.14	67.541		
10,600.00	6,840.00	6,788.67	6,787.45	129.78	23.61	-89.58	-956.17	-1,012.99	5,027.07	4,953.76	73.31	68.573		
10,700.00	6,840.00	6,788.67	6,787.44	132.35	23.61	-89.58	-956.17	-1,012.99	5,115.00	5,041.52	73.48	69.613		
10,800.00	6,840.00	6,788.66	6,787.43	134.91	23.61	-89.58	-956.17	-1,012.99	5,203.37	5,129.73	73.64	70.659		
10,900.00	6,840.00	6,788.65	6,787.42	137.49	23.61	-89.58	-956.17	-1,012.99	5,292.15	5,218.36	73.80	71.712		
11,000.00	6,840.00	6,788.64	6,787.41	140.07	23.61	-89.58	-956.17	-1,012.99	5,381.33	5,307.38	73.95	72.771		
11,100.00	6,840.00	6,788.63	6,787.40	142.65	23.61	-89.58	-956.17	-1,012.99	5,470.88	5,396.78	74.10	73.835		
11,200.00	6,840.00	6,788.63	6,787.40	145.24	23.61	-89.58	-956.17	-1,012.99	5,560.79	5,486.55	74.24	74.905		
11,300.00	6,840.00	6,788.62	6,787.39	147.83	23.61	-89.58	-956.17	-1,012.99	5,651.03	5,576.66	74.38	75.980		
11,400.00	6,840.00	6,788.61	6,787.38	150.43	23.61	-89.58	-956.17	-1,012.99	5,741.60	5,667.09	74.51	77.060		
11,500.00	6,840.00	6,788.60	6,787.37	153.04	23.61	-89.58	-956.17	-1,012.99	5,832.48	5,757.84	74.64	78.144		
11,600.00	6,840.00	6,788.59	6,787.37	155.64	23.61	-89.58	-956.17	-1,012.99	5,923.65	5,848.88	74.76	79.232		
11,700.00	6,840.00	6,788.59	6,787.36	158.26	23.61	-89.58	-956.17	-1,012.99	6,015.10	5,940.21	74.89	80.324		
11,800.00	6,840.00	6,788.58	6,787.35	160.87	23.61	-89.58	-956.17	-1,012.99	6,106.82	6,031.81	75.00	81.419		
11,900.00	6,840.00	6,788.57	6,787.34	163.49	23.61	-89.58	-956.17	-1,012.99	6,198.79	6,123.67	75.12	82.518		
12,000.00	6,840.00	6,788.56	6,787.34	166.11	23.61	-89.58	-956.17	-1,012.99	6,291.01	6,215.78	75.23	83.620		
12,100.00	6,840.00	6,788.56	6,787.33	168.74	23.61	-89.58	-956.17	-1,012.99	6,383.47	6,308.13	75.34	84.725		
12,200.00	6,840.00	6,788.55	6,787.32	171.37	23.61	-89.58	-956.17	-1,012.99	6,476.15	6,400.70	75.45	85.833		
12,300.00	6,840.00	6,788.54	6,787.31	174.00	23.61	-89.58	-956.17	-1,012.99	6,569.04	6,493.49	75.56	86.944		
12,400.00	6,840.00	6,788.54	6,787.31	176.63	23.61	-89.58	-956.17	-1,012.99	6,662.14	6,586.48	75.66	88.056		
12,500.00	6,840.00	6,788.53	6,787.30	179.27	23.61	-89.58	-956.17	-1,012.99	6,755.44	6,679.68	75.76	89.171		
12,600.00	6,840.00	6,788.52	6,787.29	181.91	23.61	-89.58	-956.17	-1,012.99	6,848.92	6,773.07	75.86	90.288		
12,700.00	6,840.00	6,788.51	6,787.29	184.55	23.61	-89.58	-956.17	-1,012.99	6,942.59	6,866.64	75.95	91.407		
12,800.00	6,840.00	6,788.51	6,787.28	187.19	23.61	-89.58	-956.17	-1,012.99	7,036.43	6,960.39	76.05	92.527		
12,900.00	6,840.00	6,788.50	6,787.27	189.84	23.61	-89.58	-956.17	-1,012.99	7,130.44	7,054.30	76.14	93.649		
13,000.00	6,840.00	6,788.49	6,787.27	192.48	23.61	-89.58	-956.17	-1,012.99	7,224.61	7,148.38	76.23	94.773		
13,100.00	6,840.00	6,788.49	6,787.26	195.13	23.61	-89.58	-956.17	-1,012.99	7,318.94	7,242.62	76.32	95.897		
13,200.00	6,840.00	6,788.48	6,787.25	197.79	23.61	-89.58	-956.17	-1,012.99	7,413.41	7,337.00	76.41	97.023		
13,300.00	6,840.00	6,788.47	6,787.24	200.44	23.61	-89.58	-956.17	-1,012.99	7,508.03	7,431.53	76.50	98.150		
13,400.00	6,840.00	6,788.47	6,787.24	203.10	23.61	-89.58	-956.17	-1,012.99	7,602.78	7,526.20	76.58	99.278		
13,500.00	6,840.00	6,788.46	6,787.23	205.75	23.61	-89.58	-956.17	-1,012.99	7,697.67	7,621.00	76.66	100.407		
13,600.00	6,840.00	6,788.45	6,787.22	208.41	23.61	-89.58	-956.17	-1,012.99	7,792.68	7,715.94	76.75	101.537		
13,700.00	6,840.00	6,788.45	6,787.22	211.07	23.61	-89.58	-956.17	-1,012.99	7,887.82	7,810.99	76.83	102.667		
13,800.00	6,840.00	6,788.44	6,787.21	213.74	23.61	-89.58	-956.17	-1,012.99	7,983.08	7,906.17	76.91	103.798		
13,900.00	6,840.00	6,788.43	6,787.21	216.40	23.61	-89.58	-956.17	-1,012.99	8,078.45	8,001.46	76.99	104.929		
14,000.00	6,840.00	6,788.43	6,787.20	219.06	23.61	-89.58	-956.17	-1,012.99	8,173.93	8,096.86	77.07	106.060		
14,100.00	6,840.00	6,788.42	6,787.19	221.73	23.61	-89.58	-956.17	-1,012.99	8,269.52	8,192.37	77.15	107.192		
14,200.00	6,840.00	6,788.41	6,787.19	224.40	23.60	-89.58	-956.17	-1,012.99	8,365.21	8,287.99	77.22	108.324		
14,300.00	6,840.00	6,788.41	6,787.18	227.07	23.60	-89.58	-956.17	-1,012.99	8,461.01	8,383.71	77.30	109.456		
14,400.00	6,840.00	6,788.40	6,787.17	229.74	23.60	-89.58	-956.17	-1,012.99	8,556.89	8,479.52	77.38	110.589		
14,500.00	6,840.00	6,788.40	6,787.17	232.41	23.60	-89.58	-956.17	-1,012.99	8,652.88	8,575.42	77.45	111.721		
14,600.00	6,840.00	6,788.39	6,787.16	235.08	23.60	-89.58	-956.17	-1,012.99	8,748.95	8,671.42	77.53	112.853		
14,700.00	6,840.00	6,788.38	6,787.15	237.75	23.60	-89.58	-956.17	-1,012.99	8,845.10	8,767.51	77.60	113.985		
14,800.00	6,840.00	6,788.38	6,787.15	240.43	23.60	-89.58	-956.17	-1,012.99	8,941.35	8,863.68	77.67	115.116		
14,900.00	6,840.00	6,788.37	6,787.14	243.10	23.60	-89.58	-956.17	-1,012.99	9,037.67	8,959.93	77.74	116.248		
15,000.00	6,840.00	6,788.36	6,787.14	245.78	23.60	-89.58	-956.17	-1,012.99	9,134.07	9,056.26	77.82	117.379		
15,100.00	6,840.00	6,788.36	6,787.13	248.46	23.60	-89.58	-956.17	-1,012.99	9,230.55	9,152.67	77.89	118.509		
15,200.00	6,840.00	6,788.35	6,787.12	251.14	23.60	-89.58	-956.17	-1,012.99	9,327.11	9,249.15	77.96	119.639		
15,300.00	6,840.00	6,788.35	6,787.12	253.82	23.60	-89.58	-956.17	-1,012.99	9,423.73	9,345.70	78.03	120.769		
15,400.00	6,840.00	6,788.34	6,787.11	256.50	23.60	-89.58	-956.17	-1,012.99	9,520.43	9,442.33	78.10	121.898		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT OCOMA G25-23 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	6,788.34	6,787.11	259.18	23.60	-89.58	-956.17	-1,012.99	9,617.19	9,539.02	78.17	123.026	
15,600.00	6,840.00	6,788.33	6,787.10	261.86	23.60	-89.58	-956.17	-1,012.99	9,714.02	9,635.78	78.24	124.154	
15,700.00	6,840.00	6,788.32	6,787.10	264.54	23.60	-89.58	-956.17	-1,012.99	9,810.91	9,732.60	78.31	125.281	
15,800.00	6,840.00	6,788.32	6,787.09	267.23	23.60	-89.58	-956.17	-1,012.99	9,907.87	9,829.49	78.38	126.407	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-152.08	-353.75	-187.49	401.03					
100.00	100.00	74.42	74.42	0.13	0.08	-152.07	-353.95	-187.63	400.61	400.40	0.21	1,869.692	CC, ES	
200.00	200.00	173.90	173.90	0.49	0.20	-152.05	-354.60	-188.11	401.42	400.72	0.70	575.762		
300.00	300.00	274.68	274.67	0.85	0.30	-152.04	-355.14	-188.55	402.10	400.95	1.15	349.276		
400.00	400.00	374.40	374.39	1.21	0.37	-152.04	-355.66	-188.81	402.68	401.10	1.58	254.602		
500.00	500.00	474.57	474.56	1.57	0.44	-152.02	-356.18	-189.24	403.33	401.33	2.00	201.266		
600.00	599.98	574.85	574.84	1.92	0.49	-97.61	-356.59	-189.66	404.12	401.71	2.42	167.201		
700.00	699.84	676.41	676.40	2.28	0.52	-98.32	-356.87	-189.92	405.21	402.41	2.80	144.755		
800.00	799.45	775.05	775.03	2.65	0.54	-99.51	-357.06	-189.85	406.71	403.53	3.18	127.729		
900.00	898.70	875.54	875.53	3.02	0.55	-101.15	-357.29	-190.05	409.21	405.63	3.57	114.466		
1,000.00	997.47	973.79	973.77	3.42	0.57	-103.16	-357.27	-190.15	412.57	408.58	3.98	103.567		
1,100.00	1,095.62	1,071.25	1,071.23	3.84	0.60	-105.53	-357.48	-190.36	417.66	413.22	4.44	94.061		
1,200.00	1,193.06	1,169.00	1,168.99	4.30	0.65	-108.25	-357.72	-190.61	424.68	419.76	4.93	86.225		
1,300.00	1,289.64	1,265.19	1,265.18	4.79	0.68	-111.18	-357.88	-190.94	433.95	428.52	5.43	79.960		
1,400.00	1,385.27	1,360.76	1,360.74	5.33	0.71	-114.33	-358.24	-191.01	446.09	440.14	5.96	74.886		
1,500.00	1,479.82	1,456.93	1,456.91	5.92	0.74	-117.62	-358.40	-191.30	461.23	454.72	6.50	70.912		
1,600.00	1,573.17	1,550.80	1,550.78	6.56	0.76	-120.88	-358.20	-191.77	479.51	472.46	7.05	68.029		
1,700.00	1,665.22	1,642.53	1,642.51	7.26	0.76	-124.16	-358.17	-191.78	501.70	494.10	7.60	66.038		
1,800.00	1,756.74	1,735.18	1,735.16	7.99	0.77	-127.65	-358.03	-191.75	526.55	518.41	8.14	64.684		
1,900.00	1,848.26	1,827.89	1,827.87	8.75	0.78	-130.80	-357.70	-192.14	552.98	544.32	8.67	63.788		
2,000.00	1,939.78	1,919.77	1,919.75	9.51	0.81	-133.65	-357.32	-192.53	580.90	571.71	9.19	63.244		
2,100.00	2,031.30	2,012.43	2,012.41	10.29	0.82	-136.32	-356.74	-192.54	610.01	600.33	9.68	63.019	SF	
2,200.00	2,122.82	2,102.62	2,102.59	11.07	0.83	-138.73	-356.11	-192.13	640.36	630.20	10.16	63.038		
2,300.00	2,214.34	2,194.40	2,194.37	11.86	0.85	-140.97	-355.56	-191.70	671.83	661.20	10.63	63.215		
2,400.00	2,305.85	2,284.84	2,284.81	12.66	0.86	-143.00	-355.07	-191.33	704.25	693.17	11.08	63.543		
2,500.00	2,397.37	2,373.71	2,373.68	13.46	0.88	-144.82	-354.79	-190.84	737.68	726.16	11.52	64.019		
2,600.00	2,488.89	2,464.75	2,464.72	14.26	0.89	-146.52	-354.77	-190.40	772.02	760.06	11.96	64.543		
2,700.00	2,580.41	2,556.06	2,556.02	15.07	0.91	-148.11	-354.62	-189.73	806.92	794.53	12.39	65.110		
2,800.00	2,671.93	2,649.43	2,649.39	15.88	0.92	-149.58	-354.61	-189.42	842.31	829.49	12.82	65.702		
2,900.00	2,763.45	2,743.03	2,742.99	16.69	0.93	-150.93	-354.34	-189.39	877.80	864.56	13.24	66.280		
3,000.00	2,854.97	2,832.17	2,832.13	17.51	0.94	-152.12	-354.01	-189.20	913.70	900.04	13.65	66.915		
3,100.00	2,946.49	2,921.03	2,920.99	18.32	0.95	-153.22	-354.12	-188.93	950.37	936.31	14.05	67.621		
3,200.00	3,038.00	3,020.00	3,019.96	19.14	0.95	-154.34	-353.96	-189.03	986.93	972.45	14.48	68.168		
3,300.00	3,129.52	3,112.68	3,112.63	19.96	0.97	-155.28	-353.83	-189.76	1,023.44	1,008.54	14.90	68.682		
3,400.00	3,221.04	3,207.65	3,207.60	20.77	0.99	-156.18	-353.51	-190.60	1,059.99	1,044.66	15.33	69.133		
3,500.00	3,312.56	3,301.98	3,301.92	21.59	1.02	-157.01	-353.00	-191.56	1,096.51	1,080.75	15.76	69.556		
3,600.00	3,404.08	3,394.44	3,394.37	22.42	1.04	-157.76	-352.53	-192.77	1,133.09	1,116.90	16.19	69.979		
3,700.00	3,495.60	3,488.32	3,488.25	23.24	1.06	-158.48	-351.96	-194.03	1,169.74	1,153.12	16.62	70.366		
3,800.00	3,587.12	3,580.29	3,580.21	24.06	1.09	-159.15	-351.20	-195.11	1,206.47	1,189.42	17.05	70.767		
3,900.00	3,678.63	3,665.20	3,665.11	24.88	1.11	-159.75	-350.49	-195.74	1,243.55	1,226.10	17.45	71.272		
4,000.00	3,770.15	3,756.57	3,756.47	25.71	1.13	-160.37	-349.94	-195.91	1,281.24	1,263.37	17.87	71.709		
4,100.00	3,861.67	3,853.45	3,853.36	26.53	1.15	-160.99	-349.14	-196.35	1,318.74	1,300.44	18.31	72.041		
4,200.00	3,953.19	3,947.55	3,947.45	27.35	1.18	-161.54	-348.43	-197.34	1,356.08	1,337.34	18.74	72.368		
4,300.00	4,044.71	4,034.38	4,034.27	28.18	1.20	-162.02	-347.76	-198.17	1,393.56	1,374.41	19.15	72.779		
4,400.00	4,136.23	4,118.97	4,118.86	29.01	1.22	-162.47	-347.44	-198.45	1,431.77	1,412.22	19.55	73.243		
4,500.00	4,227.75	4,226.32	4,226.21	29.83	1.25	-163.03	-346.53	-198.93	1,469.65	1,449.63	20.03	73.380		
4,600.00	4,319.27	4,333.12	4,332.98	30.66	1.28	-163.56	-344.71	-199.95	1,506.73	1,486.23	20.51	73.478		
4,700.00	4,410.78	4,435.99	4,435.81	31.48	1.31	-164.07	-341.69	-201.00	1,542.95	1,521.99	20.97	73.592		
4,800.00	4,502.30	4,528.80	4,528.57	32.31	1.33	-164.51	-338.87	-202.08	1,579.12	1,557.72	21.39	73.812		
4,900.00	4,593.82	4,620.31	4,620.01	33.14	1.36	-164.95	-335.51	-202.66	1,615.23	1,593.41	21.81	74.051		
5,000.00	4,685.34	4,695.94	4,695.59	33.96	1.37	-165.32	-332.69	-202.32	1,652.04	1,629.87	22.17	74.512		
5,100.00	4,776.86	4,775.66	4,775.27	34.79	1.39	-165.70	-330.31	-201.58	1,689.75	1,667.20	22.54	74.956		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,863.91	4,863.50	35.62	1.41	-166.06	-328.70	-201.20	1,728.02	1,705.07	22.95	75.294		
5,300.00	4,959.90	4,961.50	4,961.08	36.45	1.44	-166.40	-327.68	-201.74	1,766.28	1,742.88	23.40	75.480		
5,400.00	5,051.41	5,051.00	5,050.57	37.27	1.46	-166.69	-326.85	-202.73	1,804.33	1,780.51	23.83	75.729		
5,500.00	5,142.93	5,141.35	5,140.91	38.10	1.49	-166.97	-326.23	-203.45	1,842.77	1,818.52	24.26	75.972		
5,600.00	5,234.45	5,236.82	5,236.38	38.93	1.52	-167.25	-325.30	-204.33	1,880.98	1,856.27	24.70	76.139		
5,700.00	5,325.97	5,319.08	5,318.64	39.76	1.54	-167.48	-324.82	-205.19	1,919.41	1,894.31	25.10	76.464		
5,800.00	5,417.49	5,392.05	5,391.60	40.59	1.55	-167.66	-325.02	-205.76	1,958.61	1,933.15	25.46	76.935		
5,900.00	5,509.01	5,473.81	5,473.35	41.42	1.55	-167.86	-325.92	-206.21	1,998.53	1,972.68	25.84	77.329		
6,000.00	5,600.53	5,547.10	5,546.63	42.25	1.56	-168.01	-327.17	-206.48	2,039.00	2,012.80	26.20	77.832		
6,100.00	5,692.04	5,621.34	5,620.86	43.07	1.56	-168.17	-328.94	-206.13	2,080.43	2,053.88	26.55	78.354		
6,200.00	5,783.56	5,714.10	5,713.57	43.90	1.56	-168.36	-331.32	-205.60	2,122.08	2,095.10	26.97	78.670		
6,300.00	5,875.08	5,799.65	5,799.10	44.73	1.57	-168.53	-333.63	-205.12	2,163.83	2,136.46	27.37	79.053		
6,400.00	5,966.60	5,927.84	5,927.26	45.56	1.58	-168.77	-336.19	-205.04	2,204.79	2,176.86	27.93	78.937		
6,500.00	6,058.12	6,023.60	6,023.00	46.39	1.59	-168.93	-337.77	-205.90	2,244.95	2,216.57	28.37	79.118		
6,600.00	6,149.64	6,104.18	6,103.56	47.22	1.60	-169.06	-339.33	-206.58	2,285.35	2,256.59	28.76	79.455		
6,700.00	6,241.16	6,195.67	6,195.04	48.05	1.61	-169.21	-341.07	-207.04	2,325.96	2,296.77	29.19	79.684		
6,800.00	6,332.68	6,295.09	6,294.44	48.88	1.62	-169.37	-342.62	-207.43	2,366.44	2,336.79	29.65	79.824		
6,900.00	6,424.19	6,390.98	6,390.32	49.71	1.63	-169.53	-343.81	-207.89	2,406.67	2,376.58	30.09	79.984		
7,000.00	6,514.88	6,505.96	6,505.30	50.58	1.65	-161.81	-344.55	-208.65	2,447.86	2,417.24	30.61	79.957		
7,100.00	6,599.14	6,572.32	6,571.65	51.67	1.66	-150.33	-344.84	-209.05	2,497.84	2,466.84	31.00	80.575		
7,200.00	6,673.85	6,646.56	6,645.89	53.01	1.67	-140.75	-345.36	-209.23	2,557.04	2,525.59	31.45	81.311		
7,300.00	6,736.73	6,718.93	6,718.26	54.56	1.68	-131.42	-345.47	-209.33	2,623.45	2,591.54	31.91	82.222		
7,400.00	6,785.87	6,764.28	6,763.61	56.29	1.69	-120.97	-345.67	-209.52	2,695.69	2,663.41	32.27	83.524		
7,500.00	6,819.79	6,798.07	6,797.40	58.13	1.70	-109.33	-345.91	-209.74	2,771.97	2,739.37	32.59	85.049		
7,600.00	6,837.44	6,817.05	6,816.38	60.02	1.70	-96.89	-346.06	-209.88	2,850.29	2,817.45	32.84	86.795		
7,700.00	6,840.00	6,820.35	6,819.68	61.90	1.70	-90.09	-346.08	-209.90	2,928.83	2,895.81	33.01	88.714		
7,800.00	6,840.00	6,820.98	6,820.31	63.83	1.70	-90.11	-346.08	-209.90	3,008.31	2,975.12	33.19	90.637		
7,900.00	6,840.00	6,821.60	6,820.93	65.81	1.70	-90.13	-346.09	-209.90	3,088.98	3,055.61	33.38	92.549		
8,000.00	6,840.00	6,822.21	6,821.54	67.84	1.70	-90.14	-346.09	-209.91	3,170.76	3,137.19	33.57	94.453		
8,100.00	6,840.00	6,822.81	6,822.14	69.91	1.70	-90.16	-346.09	-209.91	3,253.55	3,219.79	33.77	96.351		
8,200.00	6,840.00	6,823.40	6,822.74	72.03	1.70	-90.18	-346.10	-209.92	3,337.29	3,303.32	33.97	98.247		
8,300.00	6,840.00	6,823.99	6,823.32	74.18	1.70	-90.20	-346.10	-209.92	3,421.90	3,387.73	34.17	100.140		
8,400.00	6,840.00	6,824.56	6,823.89	76.37	1.70	-90.22	-346.10	-209.92	3,507.32	3,472.95	34.37	102.033		
8,500.00	6,840.00	6,825.13	6,824.46	78.59	1.70	-90.24	-346.11	-209.93	3,593.49	3,558.92	34.58	103.928		
8,600.00	6,840.00	6,825.69	6,825.02	80.85	1.70	-90.26	-346.11	-209.93	3,680.37	3,645.59	34.78	105.824		
8,700.00	6,840.00	6,826.24	6,825.57	83.13	1.70	-90.27	-346.11	-209.93	3,767.89	3,732.91	34.98	107.723		
8,800.00	6,840.00	6,826.78	6,826.11	85.44	1.70	-90.29	-346.12	-209.94	3,856.02	3,820.84	35.17	109.625		
8,900.00	6,840.00	6,827.32	6,826.65	87.77	1.70	-90.31	-346.12	-209.94	3,944.71	3,909.34	35.37	111.530		
9,000.00	6,840.00	6,827.85	6,827.18	90.12	1.70	-90.32	-346.12	-209.94	4,033.94	3,998.38	35.56	113.439		
9,100.00	6,840.00	6,828.37	6,827.70	92.50	1.70	-90.34	-346.13	-209.94	4,123.66	4,087.91	35.75	115.352		
9,200.00	6,840.00	6,828.88	6,828.21	94.89	1.70	-90.36	-346.13	-209.95	4,213.84	4,177.91	35.93	117.269		
9,300.00	6,840.00	6,829.39	6,828.72	97.30	1.70	-90.37	-346.13	-209.95	4,304.45	4,268.34	36.11	119.189		
9,400.00	6,840.00	6,829.89	6,829.22	99.73	1.70	-90.39	-346.13	-209.95	4,395.48	4,359.18	36.29	121.112		
9,500.00	6,840.00	6,830.38	6,829.71	102.17	1.70	-90.40	-346.14	-209.96	4,486.88	4,450.41	36.47	123.040		
9,600.00	6,840.00	6,830.86	6,830.20	104.63	1.70	-90.42	-346.14	-209.96	4,578.64	4,542.01	36.64	124.970		
9,700.00	6,840.00	6,831.34	6,830.68	107.10	1.70	-90.43	-346.14	-209.96	4,670.75	4,633.94	36.81	126.903		
9,800.00	6,840.00	6,831.82	6,831.15	109.58	1.70	-90.45	-346.14	-209.96	4,763.17	4,726.20	36.97	128.840		
9,900.00	6,840.00	6,832.28	6,831.62	112.07	1.70	-90.46	-346.15	-209.97	4,855.89	4,818.76	37.13	130.778		
10,000.00	6,840.00	6,832.75	6,832.08	114.58	1.70	-90.48	-346.15	-209.97	4,948.89	4,911.60	37.29	132.719		
10,100.00	6,840.00	6,833.20	6,832.53	117.09	1.70	-90.49	-346.15	-209.97	5,042.16	5,004.72	37.44	134.662		
10,200.00	6,840.00	6,833.65	6,832.98	119.61	1.70	-90.51	-346.15	-209.97	5,135.69	5,098.09	37.59	136.607		
10,300.00	6,840.00	6,834.09	6,833.42	122.14	1.70	-90.52	-346.16	-209.98	5,229.45	5,191.71	37.74	138.553		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT OCOMA G25-9 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,834.53	6,833.86	124.68	1.70	-90.54	-346.16	-209.98	5,323.44	5,285.56	37.89	140.501		
10,500.00	6,840.00	6,834.96	6,834.29	127.23	1.70	-90.55	-346.16	-209.98	5,417.65	5,379.62	38.03	142.449		
10,600.00	6,840.00	6,835.39	6,834.72	129.78	1.70	-90.56	-346.16	-209.98	5,512.06	5,473.89	38.17	144.399		
10,700.00	6,840.00	6,835.81	6,835.14	132.35	1.70	-90.58	-346.16	-209.98	5,606.67	5,568.36	38.31	146.348		
10,800.00	6,840.00	6,836.23	6,835.56	134.91	1.70	-90.59	-346.17	-209.99	5,701.46	5,663.01	38.45	148.298		
10,900.00	6,840.00	6,836.64	6,835.97	137.49	1.70	-90.60	-346.17	-209.99	5,796.42	5,757.84	38.58	150.248		
11,000.00	6,840.00	6,837.05	6,836.38	140.07	1.70	-90.62	-346.17	-209.99	5,891.55	5,852.84	38.71	152.197		
11,100.00	6,840.00	6,837.45	6,836.78	142.65	1.70	-90.63	-346.17	-209.99	5,986.84	5,948.00	38.84	154.147		
11,200.00	6,840.00	6,837.84	6,837.17	145.24	1.70	-90.64	-346.17	-209.99	6,082.28	6,043.31	38.97	156.095		
11,300.00	6,840.00	6,838.24	6,837.57	147.83	1.70	-90.65	-346.17	-210.00	6,177.86	6,138.77	39.09	158.042		
11,400.00	6,840.00	6,838.62	6,837.95	150.43	1.70	-90.67	-346.18	-210.00	6,273.59	6,234.37	39.21	159.988		
11,500.00	6,840.00	6,839.01	6,838.34	153.04	1.70	-90.68	-346.18	-210.00	6,369.44	6,330.11	39.33	161.933		
11,600.00	6,840.00	6,839.38	6,838.71	155.64	1.70	-90.69	-346.18	-210.00	6,465.42	6,425.97	39.45	163.877		
11,700.00	6,840.00	6,839.76	6,839.09	158.26	1.70	-90.70	-346.18	-210.00	6,561.52	6,521.95	39.57	165.818		
11,800.00	6,840.00	6,840.13	6,839.46	160.87	1.70	-90.71	-346.18	-210.00	6,657.73	6,618.04	39.69	167.758		
11,900.00	6,840.00	6,840.49	6,839.82	163.49	1.70	-90.73	-346.18	-210.01	6,754.06	6,714.25	39.80	169.695		
12,000.00	6,840.00	6,840.85	6,840.18	166.11	1.70	-90.74	-346.19	-210.01	6,850.48	6,810.57	39.91	171.631		
12,100.00	6,840.00	6,841.21	6,840.54	168.74	1.70	-90.75	-346.19	-210.01	6,947.02	6,906.99	40.03	173.564		
12,200.00	6,840.00	6,841.56	6,840.89	171.37	1.70	-90.76	-346.19	-210.01	7,043.64	7,003.51	40.14	175.494		
12,300.00	6,840.00	6,841.91	6,841.24	174.00	1.70	-90.77	-346.19	-210.01	7,140.36	7,100.12	40.25	177.421		
12,400.00	6,840.00	6,842.25	6,841.58	176.63	1.70	-90.78	-346.19	-210.01	7,237.17	7,196.82	40.35	179.346		
12,500.00	6,840.00	6,842.59	6,841.92	179.27	1.70	-90.79	-346.19	-210.02	7,334.07	7,293.61	40.46	181.268		
12,600.00	6,840.00	6,842.93	6,842.26	181.91	1.70	-90.80	-346.19	-210.02	7,431.04	7,390.48	40.57	183.186		
12,700.00	6,840.00	6,843.26	6,842.59	184.55	1.70	-90.81	-346.19	-210.02	7,528.10	7,487.43	40.67	185.101		
12,800.00	6,840.00	6,843.59	6,842.92	187.19	1.70	-90.82	-346.20	-210.02	7,625.23	7,584.46	40.77	187.013		
12,900.00	6,840.00	6,843.92	6,843.25	189.84	1.70	-90.83	-346.20	-210.02	7,722.44	7,681.56	40.88	188.921		
13,000.00	6,840.00	6,844.24	6,843.57	192.48	1.70	-90.85	-346.20	-210.02	7,819.71	7,778.73	40.98	190.825		
13,100.00	6,840.00	6,844.56	6,843.89	195.13	1.70	-90.86	-346.20	-210.02	7,917.06	7,875.98	41.08	192.726		
13,200.00	6,840.00	6,844.87	6,844.20	197.79	1.70	-90.87	-346.20	-210.03	8,014.46	7,973.28	41.18	194.623		
13,300.00	6,840.00	6,845.19	6,844.52	200.44	1.70	-90.88	-346.20	-210.03	8,111.94	8,070.66	41.28	196.515		
13,400.00	6,840.00	6,845.50	6,844.83	203.10	1.70	-90.88	-346.20	-210.03	8,209.47	8,168.09	41.38	198.404		
13,500.00	6,840.00	6,845.80	6,845.13	205.75	1.70	-90.89	-346.20	-210.03	8,307.06	8,265.59	41.48	200.288		
13,600.00	6,840.00	6,846.10	6,845.43	208.41	1.70	-90.90	-346.20	-210.03	8,404.71	8,363.14	41.57	202.168		
13,700.00	6,840.00	6,846.40	6,845.73	211.07	1.70	-90.91	-346.21	-210.03	8,502.41	8,460.74	41.67	204.044		
13,800.00	6,840.00	6,846.70	6,846.03	213.74	1.70	-90.92	-346.21	-210.03	8,600.17	8,558.40	41.77	205.915		
13,900.00	6,840.00	6,846.99	6,846.32	216.40	1.70	-90.93	-346.21	-210.04	8,697.97	8,656.11	41.86	207.781		
14,000.00	6,840.00	6,847.28	6,846.61	219.06	1.70	-90.94	-346.21	-210.04	8,795.83	8,753.87	41.96	209.643		
14,100.00	6,840.00	6,847.57	6,846.90	221.73	1.70	-90.95	-346.21	-210.04	8,893.73	8,851.68	42.05	211.500		
14,200.00	6,840.00	6,847.85	6,847.18	224.40	1.70	-90.96	-346.21	-210.04	8,991.68	8,949.54	42.14	213.353		
14,300.00	6,840.00	6,848.13	6,847.46	227.07	1.70	-90.97	-346.21	-210.04	9,089.68	9,047.44	42.24	215.200		
14,400.00	6,840.00	6,848.41	6,847.74	229.74	1.70	-90.98	-346.21	-210.04	9,187.71	9,145.38	42.33	217.042		
14,500.00	6,840.00	6,848.68	6,848.01	232.41	1.70	-90.99	-346.21	-210.04	9,285.79	9,243.37	42.42	218.879		
14,600.00	6,840.00	6,848.96	6,848.29	235.08	1.70	-91.00	-346.21	-210.04	9,383.91	9,341.40	42.52	220.712		
14,700.00	6,840.00	6,849.23	6,848.56	237.75	1.70	-91.00	-346.22	-210.04	9,482.07	9,439.46	42.61	222.539		
14,800.00	6,840.00	6,849.49	6,848.82	240.43	1.70	-91.01	-346.22	-210.05	9,580.27	9,537.57	42.70	224.360		
14,900.00	6,840.00	6,849.76	6,849.09	243.10	1.70	-91.02	-346.22	-210.05	9,678.50	9,635.71	42.79	226.177		
15,000.00	6,840.00	6,850.02	6,849.35	245.78	1.70	-91.03	-346.22	-210.05	9,776.77	9,733.89	42.88	227.988		
15,100.00	6,840.00	6,850.28	6,849.61	248.46	1.70	-91.04	-346.22	-210.05	9,875.08	9,832.11	42.97	229.793		
15,200.00	6,840.00	6,850.54	6,849.87	251.14	1.70	-91.05	-346.22	-210.05	9,973.42	9,930.35	43.06	231.593		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-15.19	957.75	-260.02	993.07					
100.00	100.00	64.62	64.62	0.13	0.07	-15.18	957.77	-259.87	992.40	992.20	0.20	4,907.508		
164.43	164.43	128.43	128.43	0.37	0.11	-15.16	957.83	-259.48	992.36	991.88	0.48	2,080.188		
200.00	200.00	162.84	162.84	0.49	0.12	-15.15	957.88	-259.39	992.38	991.76	0.61	1,619.179		
300.00	300.00	262.57	262.57	0.85	0.20	-15.16	958.02	-259.58	992.57	991.51	1.05	944.656		
400.00	400.00	361.88	361.88	1.21	0.29	-15.17	958.09	-259.85	992.70	991.20	1.50	662.376		
500.00	500.00	461.28	461.27	1.57	0.35	-15.19	958.29	-260.11	992.97	991.06	1.91	518.879		
600.00	599.98	564.06	564.06	1.92	0.37	39.51	958.49	-260.12	991.81	989.52	2.29	433.148		
700.00	699.84	663.35	663.35	2.28	0.40	39.74	958.35	-260.36	987.71	985.03	2.68	368.983		
800.00	799.45	761.59	761.58	2.65	0.45	40.12	958.42	-260.71	981.17	978.08	3.09	318.026		
900.00	898.70	861.77	861.76	3.02	0.49	40.69	958.52	-260.98	972.03	968.53	3.50	277.987		
1,000.00	997.47	959.04	959.04	3.42	0.54	41.41	958.48	-261.58	960.28	956.36	3.92	245.237		
1,100.00	1,095.62	1,057.14	1,057.13	3.84	0.58	42.33	958.68	-262.16	946.28	941.93	4.35	217.470		
1,200.00	1,193.06	1,154.92	1,154.91	4.30	0.63	43.44	958.74	-262.80	929.80	925.00	4.80	193.515		
1,300.00	1,289.64	1,250.13	1,250.12	4.79	0.67	44.75	958.90	-263.46	911.21	905.93	5.28	172.567		
1,400.00	1,385.27	1,346.55	1,346.53	5.33	0.71	46.33	959.20	-264.07	890.68	884.90	5.78	153.973		
1,500.00	1,479.82	1,443.34	1,443.32	5.92	0.75	48.17	959.24	-264.71	868.07	861.75	6.32	137.250		
1,600.00	1,573.17	1,536.87	1,536.85	6.56	0.79	50.28	959.21	-265.13	843.77	836.86	6.91	122.093		
1,700.00	1,665.22	1,628.09	1,628.07	7.26	0.83	52.61	959.27	-265.42	818.31	810.75	7.56	108.294		
1,800.00	1,756.74	1,719.21	1,719.19	7.99	0.87	54.74	959.40	-265.98	793.25	785.00	8.25	96.165		
1,900.00	1,848.26	1,810.56	1,810.54	8.75	0.91	57.00	959.55	-266.51	769.44	760.46	8.98	85.662		
2,000.00	1,939.78	1,897.88	1,897.85	9.51	0.94	59.27	960.01	-267.24	747.33	737.57	9.76	76.607		
2,100.00	2,031.30	1,987.16	1,987.12	10.29	0.97	61.66	960.96	-268.38	727.12	716.55	10.56	68.830		
2,200.00	2,122.82	2,072.37	2,072.31	11.07	1.00	64.04	962.40	-269.49	709.04	697.63	11.41	62.169		
2,300.00	2,214.34	2,162.42	2,162.33	11.86	1.04	66.68	964.64	-270.32	693.40	681.13	12.27	56.497		
2,400.00	2,305.85	2,253.80	2,253.68	12.66	1.07	69.47	966.96	-271.09	679.64	666.48	13.16	51.632		
2,500.00	2,397.37	2,345.52	2,345.35	13.46	1.10	72.33	969.53	-272.06	667.97	653.91	14.07	47.485		
2,600.00	2,488.89	2,440.10	2,439.90	14.26	1.13	75.40	972.02	-272.72	658.26	643.28	14.98	43.945		
2,700.00	2,580.41	2,536.66	2,536.44	15.07	1.16	78.63	973.89	-273.34	650.11	634.22	15.89	40.910		
2,800.00	2,671.93	2,631.56	2,631.33	15.88	1.19	81.89	975.13	-273.85	643.72	626.93	16.79	38.331		
2,900.00	2,763.45	2,724.87	2,724.64	16.69	1.22	85.18	975.90	-274.27	639.34	621.66	17.68	36.166		
3,000.00	2,854.97	2,815.76	2,815.52	17.51	1.25	88.42	976.58	-274.45	637.45	618.91	18.53	34.396		
3,028.72	2,881.25	2,842.72	2,842.48	17.74	1.26	89.38	976.77	-274.49	637.36	618.58	18.77	33.953 CC		
3,100.00	2,946.49	2,909.65	2,909.41	18.32	1.28	91.78	977.15	-274.67	637.91	618.56	19.35	32.965 ES		
3,200.00	3,038.00	2,998.86	2,998.62	19.14	1.31	94.94	977.83	-274.95	640.91	620.78	20.12	31.847		
3,300.00	3,129.52	3,092.88	3,092.63	19.96	1.34	98.23	978.61	-275.33	646.32	625.47	20.85	30.995		
3,400.00	3,221.04	3,183.91	3,183.66	20.77	1.37	101.36	979.29	-275.79	653.97	632.44	21.53	30.377		
3,500.00	3,312.56	3,275.24	3,274.98	21.59	1.41	104.41	980.21	-276.29	664.00	641.85	22.15	29.972		
3,600.00	3,404.08	3,368.80	3,368.53	22.42	1.44	107.45	981.21	-276.90	676.13	653.40	22.73	29.742		
3,700.00	3,495.60	3,460.34	3,460.07	23.24	1.47	110.32	982.00	-277.59	690.11	666.85	23.26	29.666 SF		
3,800.00	3,587.12	3,551.50	3,551.23	24.06	1.50	113.08	982.91	-278.15	706.17	682.42	23.75	29.735		
3,900.00	3,678.63	3,643.19	3,642.91	24.88	1.53	115.76	983.55	-278.53	724.06	699.86	24.19	29.928		
4,000.00	3,770.15	3,735.43	3,735.15	25.71	1.56	118.37	983.91	-278.75	743.65	719.05	24.60	30.229		
4,100.00	3,861.67	3,827.96	3,827.68	26.53	1.60	120.85	984.26	-279.15	764.66	739.68	24.98	30.611		
4,200.00	3,953.19	3,918.37	3,918.09	27.35	1.63	123.16	984.60	-279.43	787.22	761.89	25.33	31.079		
4,300.00	4,044.71	4,011.14	4,010.86	28.18	1.66	125.42	984.86	-279.70	811.11	785.45	25.66	31.605		
4,400.00	4,136.23	4,104.32	4,104.04	29.01	1.69	127.56	985.15	-280.13	836.09	810.10	25.99	32.172		
4,500.00	4,227.75	4,196.43	4,196.14	29.83	1.72	129.56	985.50	-280.67	862.08	835.78	26.30	32.780		
4,600.00	4,319.27	4,291.12	4,290.83	30.66	1.75	131.50	985.93	-281.41	888.91	862.30	26.61	33.405		
4,700.00	4,410.78	4,382.08	4,381.78	31.48	1.79	133.24	986.44	-282.26	916.53	889.63	26.91	34.065		
4,800.00	4,502.30	4,476.67	4,476.37	32.31	1.82	134.96	986.97	-283.17	944.96	917.76	27.21	34.730		
4,900.00	4,593.82	4,568.66	4,568.35	33.14	1.85	136.54	987.39	-284.26	973.94	946.44	27.50	35.414		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,685.34	4,659.06	4,658.74	33.96	1.88	138.01	987.95	-285.23	1,003.72	975.93	27.79	36.120		
5,100.00	4,776.86	4,749.68	4,749.36	34.79	1.91	139.39	988.63	-286.06	1,034.27	1,006.19	28.08	36.836		
5,200.00	4,868.38	4,839.78	4,839.45	35.62	1.94	140.70	989.14	-286.77	1,065.51	1,037.14	28.36	37.568		
5,300.00	4,959.90	4,929.91	4,929.58	36.45	1.97	141.93	989.80	-287.28	1,097.47	1,068.82	28.65	38.306		
5,400.00	5,051.41	5,021.12	5,020.78	37.27	2.00	143.12	990.31	-287.76	1,129.95	1,101.01	28.94	39.042		
5,500.00	5,142.93	5,108.96	5,108.63	38.10	2.03	144.20	990.92	-288.02	1,163.08	1,133.85	29.22	39.803		
5,600.00	5,234.45	5,194.85	5,194.52	38.93	2.05	145.20	991.58	-287.92	1,196.99	1,167.50	29.49	40.594		
5,700.00	5,325.97	5,285.99	5,285.65	39.76	2.06	146.21	992.16	-287.56	1,231.52	1,201.75	29.77	41.366		
5,800.00	5,417.49	5,371.95	5,371.61	40.59	2.07	147.12	992.64	-287.06	1,266.56	1,236.53	30.04	42.170		
5,900.00	5,509.01	5,460.95	5,460.60	41.42	2.08	148.00	993.36	-286.17	1,302.28	1,271.97	30.32	42.954		
6,000.00	5,600.53	5,545.46	5,545.09	42.25	2.09	148.77	994.61	-285.11	1,338.45	1,307.86	30.60	43.747		
6,100.00	5,692.04	5,623.53	5,623.12	43.07	2.10	149.41	996.47	-283.40	1,375.60	1,344.75	30.86	44.578		
6,200.00	5,783.56	5,698.37	5,697.89	43.90	2.10	149.99	998.46	-280.91	1,413.95	1,382.84	31.11	45.448		
6,300.00	5,875.08	5,795.98	5,795.42	44.73	2.11	150.73	1,000.40	-277.40	1,452.80	1,421.33	31.47	46.170		
6,400.00	5,966.60	5,906.66	5,906.06	45.56	2.11	151.58	1,001.47	-274.61	1,491.00	1,459.13	31.87	46.786		
6,500.00	6,058.12	6,017.38	6,016.77	46.39	2.12	152.39	1,002.27	-273.36	1,528.19	1,495.92	32.27	47.354		
6,600.00	6,149.64	6,118.45	6,117.84	47.22	2.15	153.12	1,002.77	-273.22	1,564.69	1,532.04	32.65	47.928		
6,700.00	6,241.16	6,214.05	6,213.44	48.05	2.17	153.78	1,003.04	-273.56	1,600.96	1,567.95	33.01	48.500		
6,800.00	6,332.68	6,308.65	6,308.03	48.88	2.19	154.42	1,002.92	-274.15	1,637.23	1,603.87	33.37	49.065		
6,900.00	6,424.19	6,411.08	6,410.45	49.71	2.21	155.09	1,002.58	-275.28	1,673.28	1,639.52	33.76	49.558		
7,000.00	6,514.88	6,499.34	6,498.70	50.58	2.23	162.29	1,002.46	-276.39	1,711.47	1,677.36	34.12	50.168		
7,100.00	6,599.14	6,584.85	6,584.21	51.67	2.25	171.54	1,002.51	-277.41	1,763.14	1,728.62	34.51	51.084		
7,200.00	6,673.85	6,661.29	6,660.64	53.01	2.27	178.49	1,002.59	-278.35	1,828.37	1,793.46	34.91	52.381		
7,300.00	6,736.73	6,721.74	6,721.09	54.56	2.29	-174.76	1,002.53	-279.13	1,905.17	1,869.94	35.23	54.074		
7,400.00	6,785.87	6,763.86	6,763.21	56.29	2.30	-165.94	1,002.49	-279.51	1,991.40	1,955.93	35.47	56.145		
7,500.00	6,819.79	6,792.70	6,792.04	58.13	2.30	-150.37	1,002.46	-279.68	2,084.39	2,048.77	35.63	58.502		
7,600.00	6,837.44	6,809.06	6,808.41	60.02	2.30	-117.19	1,002.45	-279.74	2,181.26	2,145.55	35.72	61.071		
7,700.00	6,840.00	6,811.91	6,811.26	61.90	2.31	-90.92	1,002.44	-279.75	2,279.22	2,243.49	35.74	63.777		
7,800.00	6,840.00	6,812.25	6,811.59	63.83	2.31	-90.96	1,002.44	-279.75	2,377.31	2,341.56	35.75	66.501		
7,900.00	6,840.00	6,812.58	6,811.93	65.81	2.31	-91.00	1,002.44	-279.75	2,475.55	2,439.79	35.76	69.223		
8,000.00	6,840.00	6,812.92	6,812.27	67.84	2.31	-91.05	1,002.44	-279.75	2,573.93	2,538.15	35.78	71.942		
8,100.00	6,840.00	6,813.26	6,812.61	69.91	2.31	-91.09	1,002.44	-279.75	2,672.42	2,636.63	35.79	74.659		
8,200.00	6,840.00	6,813.59	6,812.94	72.03	2.31	-91.13	1,002.44	-279.75	2,771.03	2,735.21	35.81	77.373		
8,300.00	6,840.00	6,813.93	6,813.28	74.18	2.31	-91.17	1,002.44	-279.76	2,869.73	2,833.89	35.83	80.084		
8,400.00	6,840.00	6,814.27	6,813.61	76.37	2.31	-91.22	1,002.44	-279.76	2,968.52	2,932.66	35.86	82.790		
8,500.00	6,840.00	6,814.60	6,813.95	78.59	2.31	-91.26	1,002.44	-279.76	3,067.38	3,031.50	35.88	85.493		
8,600.00	6,840.00	6,814.94	6,814.28	80.85	2.31	-91.30	1,002.44	-279.76	3,166.32	3,130.42	35.90	88.191		
8,700.00	6,840.00	6,815.27	6,814.62	83.13	2.31	-91.34	1,002.44	-279.76	3,265.32	3,229.39	35.93	90.885		
8,800.00	6,840.00	6,815.60	6,814.95	85.44	2.31	-91.38	1,002.44	-279.76	3,364.38	3,328.43	35.95	93.574		
8,900.00	6,840.00	6,815.94	6,815.29	87.77	2.31	-91.43	1,002.44	-279.76	3,463.50	3,427.52	35.98	96.259		
9,000.00	6,840.00	6,816.27	6,815.62	90.12	2.31	-91.47	1,002.44	-279.76	3,562.66	3,526.65	36.01	98.938		
9,100.00	6,840.00	6,816.60	6,815.95	92.50	2.31	-91.51	1,002.44	-279.76	3,661.87	3,625.84	36.04	101.612		
9,200.00	6,840.00	6,816.94	6,816.28	94.89	2.31	-91.55	1,002.44	-279.77	3,761.13	3,725.06	36.07	104.280		
9,300.00	6,840.00	6,817.27	6,816.62	97.30	2.31	-91.60	1,002.44	-279.77	3,860.42	3,824.32	36.10	106.943		
9,400.00	6,840.00	6,817.60	6,816.95	99.73	2.31	-91.64	1,002.44	-279.77	3,959.74	3,923.61	36.13	109.599		
9,500.00	6,840.00	6,817.93	6,817.28	102.17	2.31	-91.68	1,002.44	-279.77	4,059.10	4,022.94	36.16	112.250		
9,600.00	6,840.00	6,818.26	6,817.61	104.63	2.31	-91.72	1,002.44	-279.77	4,158.49	4,122.30	36.19	114.894		
9,700.00	6,840.00	6,818.59	6,817.94	107.10	2.31	-91.76	1,002.44	-279.77	4,257.91	4,221.68	36.23	117.532		
9,800.00	6,840.00	6,818.93	6,818.27	109.58	2.31	-91.80	1,002.44	-279.77	4,357.35	4,321.09	36.26	120.164		
9,900.00	6,840.00	6,819.26	6,818.60	112.07	2.31	-91.85	1,002.44	-279.77	4,456.82	4,420.53	36.30	122.789		
10,000.00	6,840.00	6,819.59	6,818.93	114.58	2.31	-91.89	1,002.44	-279.77	4,556.32	4,519.98	36.33	125.407		
10,100.00	6,840.00	6,819.91	6,819.26	117.09	2.31	-91.93	1,002.44	-279.78	4,655.83	4,619.46	36.37	128.018		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,820.24	6,819.59	119.61	2.31	-91.97	1,002.44	-279.78	4,755.37	4,718.96	36.41	130.622		
10,300.00	6,840.00	6,820.57	6,819.92	122.14	2.31	-92.01	1,002.44	-279.78	4,854.92	4,818.48	36.44	133.219		
10,400.00	6,840.00	6,820.90	6,820.25	124.68	2.31	-92.05	1,002.44	-279.78	4,954.49	4,918.01	36.48	135.808		
10,500.00	6,840.00	6,821.23	6,820.58	127.23	2.31	-92.10	1,002.44	-279.78	5,054.08	5,017.56	36.52	138.390		
10,600.00	6,840.00	6,821.56	6,820.90	129.78	2.31	-92.14	1,002.43	-279.78	5,153.69	5,117.13	36.56	140.965		
10,700.00	6,840.00	6,821.88	6,821.23	132.35	2.31	-92.18	1,002.43	-279.78	5,253.31	5,216.71	36.60	143.532		
10,800.00	6,840.00	6,822.21	6,821.56	134.91	2.31	-92.22	1,002.43	-279.78	5,352.94	5,316.30	36.64	146.091		
10,900.00	6,840.00	6,822.54	6,821.89	137.49	2.31	-92.26	1,002.43	-279.78	5,452.59	5,415.90	36.68	148.642		
11,000.00	6,840.00	6,822.86	6,822.21	140.07	2.31	-92.30	1,002.43	-279.79	5,552.25	5,515.52	36.72	151.185		
11,100.00	6,840.00	6,823.19	6,822.54	142.65	2.31	-92.34	1,002.43	-279.79	5,651.92	5,615.15	36.77	153.720		
11,200.00	6,840.00	6,823.52	6,822.86	145.24	2.31	-92.38	1,002.43	-279.79	5,751.60	5,714.79	36.81	156.247		
11,300.00	6,840.00	6,823.84	6,823.19	147.83	2.31	-92.43	1,002.43	-279.79	5,851.30	5,814.44	36.85	158.766		
11,400.00	6,840.00	6,824.17	6,823.51	150.43	2.31	-92.47	1,002.43	-279.79	5,951.00	5,914.10	36.90	161.276		
11,500.00	6,840.00	6,824.49	6,823.84	153.04	2.31	-92.51	1,002.43	-279.79	6,050.71	6,013.77	36.94	163.778		
11,600.00	6,840.00	6,824.82	6,824.16	155.64	2.31	-92.55	1,002.43	-279.79	6,150.44	6,113.45	36.99	166.271		
11,700.00	6,840.00	6,825.14	6,824.49	158.26	2.31	-92.59	1,002.43	-279.79	6,250.17	6,213.13	37.04	168.755		
11,800.00	6,840.00	6,825.46	6,824.81	160.87	2.31	-92.63	1,002.43	-279.79	6,349.91	6,312.83	37.08	171.231		
11,900.00	6,840.00	6,825.79	6,825.13	163.49	2.31	-92.67	1,002.43	-279.80	6,449.66	6,412.53	37.13	173.698		
12,000.00	6,840.00	6,826.11	6,825.46	166.11	2.31	-92.71	1,002.43	-279.80	6,549.42	6,512.24	37.18	176.155		
12,100.00	6,840.00	6,826.43	6,825.78	168.74	2.31	-92.75	1,002.43	-279.80	6,649.18	6,611.95	37.23	178.604		
12,200.00	6,840.00	6,826.75	6,826.10	171.37	2.31	-92.79	1,002.43	-279.80	6,748.95	6,711.67	37.28	181.044		
12,300.00	6,840.00	6,827.08	6,826.42	174.00	2.31	-92.83	1,002.43	-279.80	6,848.73	6,811.40	37.33	183.475		
12,400.00	6,840.00	6,827.40	6,826.74	176.63	2.31	-92.87	1,002.43	-279.80	6,948.51	6,911.13	37.38	185.896		
12,500.00	6,840.00	6,827.72	6,827.07	179.27	2.31	-92.91	1,002.43	-279.80	7,048.30	7,010.87	37.43	188.308		
12,600.00	6,840.00	6,828.04	6,827.39	181.91	2.31	-92.96	1,002.43	-279.80	7,148.10	7,110.61	37.48	190.711		
12,700.00	6,840.00	6,828.36	6,827.71	184.55	2.31	-93.00	1,002.43	-279.80	7,247.90	7,210.36	37.53	193.104		
12,800.00	6,840.00	6,828.68	6,828.03	187.19	2.31	-93.04	1,002.43	-279.81	7,347.70	7,310.12	37.59	195.488		
12,900.00	6,840.00	6,829.00	6,828.35	189.84	2.31	-93.08	1,002.43	-279.81	7,447.52	7,409.88	37.64	197.862		
13,000.00	6,840.00	6,829.32	6,828.67	192.48	2.31	-93.12	1,002.43	-279.81	7,547.33	7,509.64	37.69	200.227		
13,100.00	6,840.00	6,829.64	6,828.99	195.13	2.31	-93.16	1,002.43	-279.81	7,647.15	7,609.41	37.75	202.582		
13,200.00	6,840.00	6,829.96	6,829.31	197.79	2.31	-93.20	1,002.42	-279.81	7,746.98	7,709.18	37.80	204.927		
13,300.00	6,840.00	6,830.28	6,829.62	200.44	2.31	-93.24	1,002.42	-279.81	7,846.81	7,808.95	37.86	207.263		
13,400.00	6,840.00	6,830.59	6,829.94	203.10	2.31	-93.28	1,002.42	-279.81	7,946.65	7,908.73	37.92	209.589		
13,500.00	6,840.00	6,830.91	6,830.26	205.75	2.31	-93.32	1,002.42	-279.81	8,046.48	8,008.51	37.97	211.905		
13,600.00	6,840.00	6,831.23	6,830.58	208.41	2.31	-93.36	1,002.42	-279.81	8,146.33	8,108.30	38.03	214.210		
13,700.00	6,840.00	6,831.55	6,830.89	211.07	2.31	-93.40	1,002.42	-279.81	8,246.17	8,208.09	38.09	216.506		
13,800.00	6,840.00	6,831.86	6,831.21	213.74	2.31	-93.44	1,002.42	-279.82	8,346.02	8,307.88	38.15	218.792		
13,900.00	6,840.00	6,832.18	6,831.53	216.40	2.31	-93.48	1,002.42	-279.82	8,445.88	8,407.67	38.20	221.068		
14,000.00	6,840.00	6,832.50	6,831.84	219.06	2.31	-93.52	1,002.42	-279.82	8,545.74	8,507.47	38.26	223.334		
14,100.00	6,840.00	6,832.81	6,832.16	221.73	2.31	-93.56	1,002.42	-279.82	8,645.60	8,607.27	38.32	225.590		
14,200.00	6,840.00	6,833.13	6,832.48	224.40	2.31	-93.60	1,002.42	-279.82	8,745.46	8,707.07	38.38	227.835		
14,300.00	6,840.00	6,833.44	6,832.79	227.07	2.31	-93.64	1,002.42	-279.82	8,845.33	8,806.88	38.45	230.071		
14,400.00	6,840.00	6,833.76	6,833.11	229.74	2.31	-93.68	1,002.42	-279.82	8,945.20	8,906.69	38.51	232.296		
14,500.00	6,840.00	6,834.07	6,833.42	232.41	2.31	-93.72	1,002.42	-279.82	9,045.07	9,006.50	38.57	234.511		
14,600.00	6,840.00	6,834.39	6,833.74	235.08	2.31	-93.76	1,002.42	-279.82	9,144.94	9,106.31	38.63	236.715		
14,700.00	6,840.00	6,834.70	6,834.05	237.75	2.31	-93.80	1,002.42	-279.83	9,244.82	9,206.13	38.70	238.910		
14,800.00	6,840.00	6,835.02	6,834.36	240.43	2.31	-93.83	1,002.42	-279.83	9,344.70	9,305.94	38.76	241.094		
14,900.00	6,840.00	6,835.33	6,834.68	243.10	2.31	-93.87	1,002.42	-279.83	9,444.59	9,405.76	38.82	243.267		
15,000.00	6,840.00	6,835.64	6,834.99	245.78	2.31	-93.91	1,002.42	-279.83	9,544.47	9,505.58	38.89	245.431		
15,100.00	6,840.00	6,835.95	6,835.30	248.46	2.31	-93.95	1,002.42	-279.83	9,644.36	9,605.41	38.95	247.583		
15,200.00	6,840.00	6,836.27	6,835.61	251.14	2.31	-93.99	1,002.42	-279.83	9,744.25	9,705.23	39.02	249.726		
15,300.00	6,840.00	6,836.58	6,835.93	253.82	2.31	-94.03	1,002.42	-279.83	9,844.14	9,805.06	39.09	251.858		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	6,840.00	6,836.89	6,836.24	256.50	2.31	-94.07	1,002.42	-279.83	9,944.04	9,904.88	39.15	253.979	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-61.37	542.46	-993.80	1,132.81					
100.00	100.00	59.55	59.55	0.13	0.06	-61.36	542.70	-993.77	1,132.30	1,132.11	0.20	5,740.646		
200.00	200.00	157.29	157.29	0.49	0.18	-61.31	543.85	-993.66	1,132.77	1,132.10	0.67	1,683.968		
300.00	300.00	256.19	256.17	0.85	0.28	-61.26	544.88	-993.69	1,133.30	1,132.17	1.13	1,004.087		
400.00	400.00	355.10	355.08	1.21	0.36	-61.24	545.57	-994.07	1,133.97	1,132.41	1.56	728.245		
500.00	500.00	451.18	451.16	1.57	0.42	-61.22	546.36	-994.51	1,134.77	1,132.79	1.98	574.370		
600.00	599.98	547.58	547.56	1.92	0.47	-6.60	547.28	-995.41	1,134.31	1,131.93	2.39	475.589		
700.00	699.84	647.88	647.84	2.28	0.53	-6.61	548.39	-996.35	1,130.46	1,127.67	2.79	404.597		
800.00	799.45	748.83	748.78	2.65	0.58	-6.65	549.61	-997.16	1,123.08	1,119.88	3.20	350.666		
900.00	898.70	849.73	849.67	3.02	0.63	-6.71	550.83	-997.80	1,112.12	1,108.51	3.61	307.987		
1,000.00	997.47	950.44	950.38	3.42	0.68	-6.81	551.86	-998.40	1,097.58	1,093.56	4.02	273.083		
1,100.00	1,095.62	1,049.06	1,048.99	3.84	0.72	-6.96	552.51	-999.02	1,079.48	1,075.05	4.43	243.775		
1,200.00	1,193.06	1,146.63	1,146.56	4.30	0.76	-7.14	553.16	-999.70	1,058.06	1,053.22	4.84	218.642		
1,300.00	1,289.64	1,242.07	1,241.99	4.79	0.80	-7.38	553.66	-1,000.39	1,033.23	1,027.98	5.25	196.728		
1,400.00	1,385.27	1,335.81	1,335.72	5.33	0.84	-7.66	554.24	-1,001.38	1,005.39	999.73	5.67	177.385		
1,500.00	1,479.82	1,431.27	1,431.18	5.92	0.88	-8.02	554.68	-1,002.40	974.22	968.13	6.09	160.031		
1,600.00	1,573.17	1,523.93	1,523.83	6.56	0.91	-8.42	555.32	-1,003.44	939.93	933.42	6.51	144.358		
1,700.00	1,665.22	1,618.69	1,618.58	7.26	0.95	-8.90	555.78	-1,004.43	902.33	895.39	6.94	129.960		
1,800.00	1,756.74	1,709.36	1,709.24	7.99	0.98	-9.33	555.92	-1,005.51	863.50	856.13	7.37	117.221		
1,900.00	1,848.26	1,798.87	1,798.75	8.75	1.01	-9.82	555.98	-1,006.85	824.93	817.13	7.80	105.777		
2,000.00	1,939.78	1,890.99	1,890.86	9.51	1.05	-10.35	556.17	-1,008.32	786.55	778.31	8.24	95.480		
2,100.00	2,031.30	1,978.96	1,978.81	10.29	1.08	-10.87	556.96	-1,009.66	748.46	739.77	8.69	86.158		
2,200.00	2,122.82	2,068.99	2,068.81	11.07	1.11	-11.37	558.81	-1,011.05	710.89	701.74	9.14	77.762		
2,300.00	2,214.34	2,160.24	2,160.02	11.86	1.15	-11.89	561.21	-1,012.45	673.59	663.98	9.60	70.150		
2,400.00	2,305.85	2,254.61	2,254.34	12.66	1.18	-12.48	563.80	-1,013.90	636.38	626.32	10.06	63.242		
2,500.00	2,397.37	2,351.47	2,351.15	13.46	1.21	-13.12	566.60	-1,014.72	598.72	588.20	10.52	56.914		
2,600.00	2,488.89	2,447.24	2,446.89	14.26	1.24	-13.84	569.20	-1,014.83	560.43	549.45	10.98	51.035		
2,700.00	2,580.41	2,540.72	2,540.34	15.07	1.27	-14.68	571.21	-1,014.72	521.82	510.36	11.46	45.539		
2,800.00	2,671.93	2,631.12	2,630.74	15.88	1.30	-15.68	572.81	-1,014.67	483.26	471.30	11.97	40.387		
2,900.00	2,763.45	2,719.93	2,719.53	16.69	1.33	-16.89	574.13	-1,015.45	445.56	433.05	12.51	35.616		
3,000.00	2,854.97	2,813.79	2,813.38	17.51	1.36	-18.39	575.54	-1,016.26	408.08	395.02	13.06	31.237		
3,100.00	2,946.49	2,905.90	2,905.47	18.32	1.40	-20.14	577.02	-1,016.86	370.73	357.06	13.67	27.129		
3,200.00	3,038.00	2,998.54	2,998.10	19.14	1.43	-22.29	578.46	-1,017.40	333.66	319.34	14.32	23.299		
3,300.00	3,129.52	3,092.18	3,091.74	19.96	1.46	-25.07	579.55	-1,017.68	296.78	281.72	15.06	19.712		
3,400.00	3,221.04	3,183.87	3,183.42	20.77	1.49	-28.65	580.04	-1,017.79	260.41	244.45	15.95	16.322		
3,500.00	3,312.56	3,274.78	3,274.33	21.59	1.52	-33.36	580.26	-1,018.11	225.43	208.34	17.09	13.188		
3,600.00	3,404.08	3,364.95	3,364.50	22.42	1.55	-39.54	580.56	-1,018.89	192.85	174.28	18.57	10.386		
3,700.00	3,495.60	3,456.36	3,455.89	23.24	1.57	-47.99	580.74	-1,020.42	164.11	143.62	20.48	8.012		
3,800.00	3,587.12	3,549.02	3,548.53	24.06	1.60	-59.19	581.64	-1,022.05	140.16	117.35	22.82	6.143		
3,900.00	3,678.63	3,641.53	3,641.04	24.88	1.63	-73.89	582.15	-1,023.23	123.67	98.36	25.31	4.886		
3,996.56	3,767.01	3,730.85	3,730.35	25.68	1.66	-90.42	582.92	-1,024.08	117.87	90.91	26.96	4.372 CC		
4,000.00	3,770.15	3,734.02	3,733.52	25.71	1.66	-91.02	582.96	-1,024.10	117.88	90.89	26.99	4.367 ES, SF		
4,100.00	3,861.67	3,825.91	3,825.40	26.53	1.69	-107.92	583.86	-1,024.94	124.63	97.55	27.08	4.602		
4,200.00	3,953.19	3,917.48	3,916.96	27.35	1.73	-122.15	584.47	-1,025.84	142.51	116.46	26.06	5.470		
4,300.00	4,044.71	4,010.03	4,009.51	28.18	1.76	-133.07	585.12	-1,026.95	167.75	142.87	24.88	6.741		
4,400.00	4,136.23	4,102.56	4,102.02	29.01	1.79	-141.15	586.03	-1,028.05	197.28	173.30	23.98	8.227		
4,500.00	4,227.75	4,195.47	4,194.92	29.83	1.82	-147.20	587.23	-1,029.14	229.37	205.97	23.40	9.804		
4,600.00	4,319.27	4,288.42	4,287.85	30.66	1.85	-151.78	588.65	-1,030.40	262.98	239.89	23.08	11.393		
4,700.00	4,410.78	4,382.08	4,381.49	31.48	1.89	-155.38	590.41	-1,031.76	297.44	274.47	22.97	12.948		
4,800.00	4,502.30	4,475.49	4,474.86	32.31	1.92	-158.26	592.57	-1,033.15	332.38	309.39	22.99	14.458		
4,900.00	4,593.82	4,565.70	4,565.03	33.14	1.95	-160.52	594.60	-1,034.47	367.99	344.93	23.07	15.954		
5,000.00	4,685.34	4,654.13	4,653.45	33.96	1.98	-162.37	595.98	-1,035.20	404.89	381.70	23.19	17.457		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,742.88	4,742.20	34.79	2.01	-163.91	596.64	-1,035.55	442.95	419.57	23.39	18.941		
5,200.00	4,868.38	4,832.84	4,832.16	35.62	2.03	-165.19	596.78	-1,035.82	481.74	458.10	23.64	20.377		
5,300.00	4,959.90	4,923.48	4,922.80	36.45	2.05	-166.26	596.59	-1,036.15	520.93	496.99	23.93	21.766		
5,400.00	5,051.41	5,013.88	5,013.19	37.27	2.05	-167.16	596.10	-1,036.51	560.44	536.19	24.24	23.117		
5,500.00	5,142.93	5,104.65	5,103.96	38.10	2.06	-167.92	595.36	-1,036.93	600.20	575.62	24.58	24.422		
5,600.00	5,234.45	5,195.97	5,195.27	38.93	2.06	-168.58	594.47	-1,037.41	640.10	615.17	24.93	25.676		
5,700.00	5,325.97	5,285.54	5,284.84	39.76	2.06	-169.13	593.37	-1,037.94	680.19	654.91	25.28	26.908		
5,800.00	5,417.49	5,378.90	5,378.19	40.59	2.07	-169.62	592.01	-1,038.63	720.38	694.70	25.68	28.053		
5,900.00	5,509.01	5,466.86	5,466.13	41.42	2.07	-170.02	590.65	-1,039.42	760.57	734.54	26.03	29.216		
6,000.00	5,600.53	5,557.46	5,556.71	42.25	2.07	-170.39	588.86	-1,039.99	801.23	774.81	26.42	30.329		
6,100.00	5,692.04	5,652.94	5,652.18	43.07	2.07	-170.82	587.94	-1,040.03	841.67	814.83	26.84	31.361		
6,200.00	5,783.56	5,745.08	5,744.32	43.90	2.07	-171.33	588.84	-1,038.98	881.71	854.49	27.22	32.396		
6,300.00	5,875.08	5,832.46	5,831.67	44.73	2.08	-171.81	589.83	-1,037.48	922.08	894.52	27.56	33.457		
6,400.00	5,966.60	5,919.98	5,919.17	45.56	2.08	-172.27	590.76	-1,035.55	962.89	934.98	27.91	34.502		
6,500.00	6,058.12	6,008.16	6,007.31	46.39	2.08	-172.72	591.76	-1,033.18	1,004.02	975.76	28.26	35.524		
6,600.00	6,149.64	6,087.81	6,086.87	47.22	2.08	-173.17	593.25	-1,029.75	1,045.85	1,017.31	28.55	36.636		
6,700.00	6,241.16	6,178.25	6,177.10	48.05	2.09	-173.75	595.96	-1,024.31	1,088.26	1,059.35	28.91	37.640		
6,800.00	6,332.68	6,282.53	6,281.19	48.88	2.09	-174.32	599.00	-1,018.94	1,130.22	1,100.83	29.39	38.451		
6,900.00	6,424.19	6,396.17	6,394.81	49.71	2.10	-174.69	600.46	-1,017.19	1,170.69	1,140.71	29.98	39.055		
7,000.00	6,514.88	6,494.86	6,493.49	50.58	2.13	-167.18	601.32	-1,017.75	1,211.54	1,181.07	30.47	39.764		
7,100.00	6,599.14	6,581.82	6,580.44	51.67	2.15	-156.41	601.65	-1,019.03	1,261.92	1,231.00	30.92	40.813		
7,200.00	6,673.85	6,655.65	6,654.26	53.01	2.17	-147.61	601.80	-1,020.25	1,322.32	1,291.01	31.31	42.235		
7,300.00	6,736.73	6,718.08	6,716.68	54.56	2.19	-138.77	601.76	-1,021.25	1,391.58	1,359.93	31.65	43.971		
7,400.00	6,785.87	6,769.40	6,767.99	56.29	2.20	-128.57	601.64	-1,022.15	1,468.00	1,436.06	31.93	45.969		
7,500.00	6,819.79	6,805.65	6,804.24	58.13	2.20	-115.92	601.50	-1,022.83	1,549.73	1,517.60	32.14	48.221		
7,600.00	6,837.44	6,825.09	6,823.68	60.02	2.21	-100.62	601.41	-1,023.21	1,634.73	1,602.48	32.25	50.692		
7,700.00	6,840.00	6,829.62	6,828.21	61.90	2.21	-91.68	601.39	-1,023.30	1,720.90	1,688.62	32.28	53.305		
7,800.00	6,840.00	6,831.60	6,830.18	63.83	2.21	-91.82	601.38	-1,023.34	1,808.28	1,775.96	32.32	55.946		
7,900.00	6,840.00	6,833.59	6,832.17	65.81	2.21	-91.95	601.37	-1,023.38	1,896.91	1,864.54	32.37	58.598		
8,000.00	6,840.00	6,835.58	6,834.16	67.84	2.21	-92.08	601.36	-1,023.42	1,986.61	1,954.18	32.43	61.259		
8,100.00	6,840.00	6,837.57	6,836.15	69.91	2.21	-92.21	601.35	-1,023.46	2,077.26	2,044.76	32.49	63.927		
8,200.00	6,840.00	6,839.57	6,838.15	72.03	2.21	-92.35	601.34	-1,023.50	2,168.72	2,136.16	32.56	66.600		
8,300.00	6,840.00	6,841.58	6,840.16	74.18	2.21	-92.48	601.33	-1,023.54	2,260.91	2,228.27	32.64	69.277		
8,400.00	6,840.00	6,843.59	6,842.17	76.37	2.21	-92.62	601.32	-1,023.58	2,353.73	2,321.02	32.71	71.957		
8,500.00	6,840.00	6,845.61	6,844.18	78.59	2.21	-92.75	601.31	-1,023.62	2,447.12	2,414.33	32.79	74.639		
8,600.00	6,840.00	6,847.63	6,846.21	80.85	2.21	-92.88	601.30	-1,023.66	2,541.00	2,508.14	32.86	77.322		
8,700.00	6,840.00	6,849.66	6,848.23	83.13	2.21	-93.02	601.29	-1,023.70	2,635.34	2,602.40	32.94	80.005		
8,800.00	6,840.00	6,851.69	6,850.27	85.44	2.21	-93.16	601.28	-1,023.74	2,730.08	2,697.06	33.02	82.687		
8,900.00	6,840.00	6,853.73	6,852.31	87.77	2.21	-93.29	601.27	-1,023.78	2,825.18	2,792.08	33.09	85.368		
9,000.00	6,840.00	6,855.77	6,854.35	90.12	2.21	-93.43	601.26	-1,023.82	2,920.60	2,887.43	33.17	88.047		
9,100.00	6,840.00	6,857.82	6,856.40	92.50	2.22	-93.56	601.25	-1,023.86	3,016.32	2,983.07	33.25	90.723		
9,200.00	6,840.00	6,859.88	6,858.46	94.89	2.22	-93.70	601.23	-1,023.90	3,112.31	3,078.99	33.32	93.396		
9,300.00	6,840.00	6,861.94	6,860.52	97.30	2.22	-93.84	601.22	-1,023.94	3,208.54	3,175.14	33.40	96.066		
9,400.00	6,840.00	6,864.01	6,862.58	99.73	2.22	-93.98	601.21	-1,023.99	3,304.99	3,271.52	33.47	98.731		
9,500.00	6,840.00	6,866.08	6,864.66	102.17	2.22	-94.11	601.20	-1,024.03	3,401.65	3,368.10	33.55	101.393		
9,600.00	6,840.00	6,868.16	6,866.74	104.63	2.22	-94.25	601.19	-1,024.07	3,498.50	3,464.87	33.62	104.049		
9,700.00	6,840.00	6,870.25	6,868.82	107.10	2.22	-94.39	601.18	-1,024.11	3,595.51	3,561.82	33.70	106.700		
9,800.00	6,840.00	6,872.34	6,870.91	109.58	2.22	-94.53	601.17	-1,024.15	3,692.69	3,658.92	33.77	109.346		
9,900.00	6,840.00	6,874.43	6,873.01	112.07	2.22	-94.67	601.15	-1,024.20	3,790.01	3,756.16	33.84	111.985		
10,000.00	6,840.00	6,876.54	6,875.11	114.58	2.22	-94.81	601.14	-1,024.24	3,887.46	3,853.55	33.92	114.619		
10,100.00	6,840.00	6,878.64	6,877.22	117.09	2.22	-94.95	601.13	-1,024.28	3,985.04	3,951.05	33.99	117.246		
10,200.00	6,840.00	6,880.76	6,879.33	119.61	2.22	-95.09	601.12	-1,024.33	4,082.74	4,048.68	34.06	119.866		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,882.88	6,881.45	122.14	2.22	-95.23	601.10	-1,024.37	4,180.54	4,146.41	34.13	122.480		
10,400.00	6,840.00	6,885.01	6,883.58	124.68	2.22	-95.37	601.09	-1,024.41	4,278.45	4,244.24	34.20	125.086		
10,500.00	6,840.00	6,887.14	6,885.71	127.23	2.22	-95.51	601.08	-1,024.46	4,376.44	4,342.17	34.28	127.685		
10,600.00	6,840.00	6,889.28	6,887.84	129.78	2.22	-95.65	601.07	-1,024.50	4,474.53	4,440.18	34.35	130.276		
10,700.00	6,840.00	6,891.42	6,889.99	132.35	2.22	-95.79	601.05	-1,024.54	4,572.70	4,538.28	34.42	132.860		
10,800.00	6,840.00	6,893.57	6,892.14	134.91	2.22	-95.93	601.04	-1,024.59	4,670.94	4,636.45	34.49	135.435		
10,900.00	6,840.00	6,895.73	6,894.29	137.49	2.22	-96.08	601.03	-1,024.63	4,769.26	4,734.70	34.56	138.002		
11,000.00	6,840.00	6,897.89	6,896.46	140.07	2.22	-96.22	601.01	-1,024.68	4,867.64	4,833.01	34.63	140.561		
11,100.00	6,840.00	6,900.06	6,898.62	142.65	2.22	-96.36	601.00	-1,024.72	4,966.09	4,931.39	34.70	143.111		
11,200.00	6,840.00	6,902.23	6,900.80	145.24	2.22	-96.51	600.98	-1,024.77	5,064.60	5,029.83	34.77	145.653		
11,300.00	6,840.00	6,904.41	6,902.98	147.83	2.23	-96.65	600.97	-1,024.81	5,163.16	5,128.32	34.84	148.185		
11,400.00	6,840.00	6,906.60	6,905.16	150.43	2.23	-96.79	600.96	-1,024.86	5,261.78	5,226.87	34.91	150.709		
11,500.00	6,840.00	6,908.79	6,907.36	153.04	2.23	-96.94	600.94	-1,024.90	5,360.45	5,325.47	34.98	153.223		
11,600.00	6,840.00	6,910.99	6,909.56	155.64	2.23	-97.08	600.93	-1,024.95	5,459.17	5,424.11	35.06	155.729		
11,700.00	6,840.00	6,913.20	6,911.76	158.26	2.23	-97.23	600.91	-1,025.00	5,557.93	5,522.80	35.13	158.225		
11,800.00	6,840.00	6,911.63	6,910.19	160.87	2.23	-97.12	600.92	-1,024.96	5,656.73	5,621.55	35.18	160.794		
11,900.00	6,840.00	6,913.24	6,911.80	163.49	2.23	-97.23	600.91	-1,024.99	5,755.58	5,720.33	35.25	163.285		
12,000.00	6,840.00	6,914.83	6,913.40	166.11	2.23	-97.33	600.90	-1,025.02	5,854.46	5,819.15	35.32	165.767		
12,100.00	6,840.00	6,916.42	6,914.98	168.74	2.23	-97.44	600.89	-1,025.06	5,953.39	5,918.00	35.39	168.240		
12,200.00	6,840.00	6,917.99	6,916.55	171.37	2.23	-97.54	600.88	-1,025.09	6,052.34	6,016.89	35.46	170.703		
12,300.00	6,840.00	6,919.56	6,918.12	174.00	2.23	-97.64	600.87	-1,025.12	6,151.33	6,115.81	35.52	173.158		
12,400.00	6,840.00	6,921.11	6,919.67	176.63	2.23	-97.75	600.86	-1,025.15	6,250.35	6,214.76	35.59	175.602		
12,500.00	6,840.00	6,922.65	6,921.21	179.27	2.23	-97.85	600.86	-1,025.18	6,349.40	6,313.74	35.66	178.037		
12,600.00	6,840.00	6,924.18	6,922.74	181.91	2.23	-97.95	600.85	-1,025.21	6,448.48	6,412.75	35.73	180.462		
12,700.00	6,840.00	6,925.70	6,924.26	184.55	2.23	-98.05	600.84	-1,025.24	6,547.59	6,511.79	35.80	182.878		
12,800.00	6,840.00	6,927.21	6,925.77	187.19	2.23	-98.14	600.83	-1,025.27	6,646.72	6,610.85	35.87	185.284		
12,900.00	6,840.00	6,928.71	6,927.27	189.84	2.23	-98.24	600.82	-1,025.30	6,745.88	6,709.94	35.94	187.679		
13,000.00	6,840.00	6,930.20	6,928.76	192.48	2.23	-98.34	600.81	-1,025.33	6,845.06	6,809.05	36.01	190.065		
13,100.00	6,840.00	6,931.68	6,930.24	195.13	2.23	-98.44	600.80	-1,025.36	6,944.27	6,908.19	36.09	192.441		
13,200.00	6,840.00	6,933.15	6,931.71	197.79	2.23	-98.53	600.79	-1,025.38	7,043.50	7,007.34	36.16	194.807		
13,300.00	6,840.00	6,934.61	6,933.17	200.44	2.23	-98.63	600.78	-1,025.41	7,142.75	7,106.52	36.23	197.163		
13,400.00	6,840.00	6,936.06	6,934.62	203.10	2.23	-98.72	600.77	-1,025.44	7,242.02	7,205.72	36.30	199.508		
13,500.00	6,840.00	6,937.50	6,936.06	205.75	2.23	-98.82	600.76	-1,025.47	7,341.31	7,304.93	36.37	201.844		
13,600.00	6,840.00	6,938.93	6,937.49	208.41	2.23	-98.91	600.75	-1,025.49	7,440.61	7,404.17	36.44	204.169		
13,700.00	6,840.00	6,940.35	6,938.91	211.07	2.23	-99.00	600.74	-1,025.52	7,539.94	7,503.42	36.52	206.483		
13,800.00	6,840.00	6,941.76	6,940.32	213.74	2.23	-99.09	600.73	-1,025.55	7,639.28	7,602.69	36.59	208.788		
13,900.00	6,840.00	6,943.17	6,941.72	216.40	2.23	-99.18	600.72	-1,025.57	7,738.64	7,701.98	36.66	211.081		
14,000.00	6,840.00	6,944.56	6,943.12	219.06	2.23	-99.28	600.72	-1,025.60	7,838.02	7,801.28	36.74	213.365		
14,100.00	6,840.00	6,945.94	6,944.50	221.73	2.23	-99.37	600.71	-1,025.63	7,937.41	7,900.60	36.81	215.638		
14,200.00	6,840.00	6,947.32	6,945.88	224.40	2.23	-99.45	600.70	-1,025.65	8,036.81	7,999.93	36.88	217.900		
14,300.00	6,840.00	6,948.68	6,947.24	227.07	2.23	-99.54	600.69	-1,025.68	8,136.23	8,099.27	36.96	220.152		
14,400.00	6,840.00	6,950.04	6,948.60	229.74	2.23	-99.63	600.68	-1,025.70	8,235.67	8,198.63	37.03	222.393		
14,500.00	6,840.00	6,951.39	6,949.95	232.41	2.23	-99.72	600.67	-1,025.73	8,335.11	8,298.00	37.11	224.624		
14,600.00	6,840.00	6,952.73	6,951.29	235.08	2.23	-99.81	600.66	-1,025.75	8,434.57	8,397.39	37.18	226.844		
14,700.00	6,840.00	6,954.06	6,952.62	237.75	2.23	-99.89	600.65	-1,025.78	8,534.04	8,496.79	37.26	229.053		
14,800.00	6,840.00	6,955.38	6,953.94	240.43	2.23	-99.98	600.65	-1,025.80	8,633.53	8,596.19	37.33	231.252		
14,900.00	6,840.00	6,956.70	6,955.25	243.10	2.24	-100.06	600.64	-1,025.82	8,733.02	8,695.61	37.41	233.440		
15,000.00	6,840.00	6,958.00	6,956.56	245.78	2.24	-100.15	600.63	-1,025.85	8,832.53	8,795.04	37.49	235.617		
15,100.00	6,840.00	6,959.30	6,957.85	248.46	2.24	-100.23	600.62	-1,025.87	8,932.05	8,894.48	37.56	237.783		
15,200.00	6,840.00	6,960.59	6,959.14	251.14	2.24	-100.31	600.61	-1,025.89	9,031.57	8,993.93	37.64	239.939		
15,300.00	6,840.00	6,961.87	6,960.42	253.82	2.24	-100.40	600.60	-1,025.92	9,131.11	9,093.39	37.72	242.084		
15,400.00	6,840.00	6,963.14	6,961.70	256.50	2.24	-100.48	600.60	-1,025.94	9,230.66	9,192.86	37.80	244.218		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	6,964.41	6,962.96	259.18	2.24	-100.56	600.59	-1,025.96	9,330.21	9,292.34	37.88	246.342	
15,600.00	6,840.00	6,965.67	6,964.22	261.86	2.24	-100.64	600.58	-1,025.99	9,429.78	9,391.83	37.95	248.454	
15,700.00	6,840.00	6,966.92	6,965.47	264.54	2.24	-100.72	600.57	-1,026.01	9,529.36	9,491.32	38.03	250.556	
15,800.00	6,840.00	6,968.16	6,966.71	267.23	2.24	-100.80	600.56	-1,026.03	9,628.94	9,590.83	38.11	252.647	
15,900.00	6,840.00	6,969.39	6,967.94	269.91	2.24	-100.88	600.56	-1,026.05	9,728.53	9,690.34	38.19	254.727	
16,000.00	6,840.00	6,970.62	6,969.17	272.59	2.24	-100.96	600.55	-1,026.07	9,828.13	9,789.86	38.27	256.796	
16,100.00	6,840.00	6,971.84	6,970.39	275.28	2.24	-101.04	600.54	-1,026.09	9,927.74	9,889.39	38.35	258.855	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-156.38	-2,132.62	-932.52	2,327.85					
100.00	100.00	70.75	70.75	0.13	0.07	-156.38	-2,132.53	-932.51	2,327.51	2,327.30	0.21	N/A		
200.00	200.00	169.22	169.22	0.49	0.15	-156.38	-2,132.29	-932.38	2,327.23	2,326.59	0.65	3,597.260		
300.00	300.00	267.05	267.05	0.85	0.24	-156.39	-2,132.36	-931.95	2,327.12	2,326.03	1.09	2,128.869		
388.92	388.92	353.92	353.92	1.17	0.32	-156.40	-2,132.45	-931.63	2,327.07	2,325.59	1.48	1,571.382		
400.00	400.00	364.64	364.64	1.21	0.32	-156.40	-2,132.46	-931.60	2,327.07	2,325.54	1.53	1,523.063		
500.00	500.00	468.90	468.89	1.57	0.35	-156.41	-2,132.51	-931.43	2,327.05	2,325.14	1.91	1,215.633		
539.80	539.80	512.11	512.11	1.71	0.36	-101.80	-2,132.38	-931.48	2,327.02	2,324.96	2.06	1,130.578 CC		
600.00	599.98	570.19	570.18	1.92	0.38	-101.83	-2,132.23	-931.48	2,327.17	2,324.87	2.30	1,011.713 ES		
700.00	699.84	659.87	659.87	2.28	0.40	-101.92	-2,132.20	-931.39	2,328.19	2,325.52	2.67	871.586		
800.00	799.45	753.25	753.25	2.65	0.42	-102.08	-2,132.58	-931.52	2,330.43	2,327.37	3.06	761.113		
900.00	898.70	852.20	852.19	3.02	0.46	-102.31	-2,133.04	-931.65	2,333.51	2,330.03	3.48	670.654		
1,000.00	997.47	959.85	959.84	3.42	0.49	-102.63	-2,133.27	-932.20	2,337.33	2,333.43	3.90	598.621		
1,100.00	1,095.62	1,064.65	1,064.64	3.84	0.52	-103.02	-2,133.10	-932.33	2,341.53	2,337.17	4.36	536.668		
1,200.00	1,193.06	1,156.82	1,156.81	4.30	0.54	-103.41	-2,132.94	-932.44	2,346.70	2,341.86	4.84	485.220		
1,300.00	1,289.64	1,250.18	1,250.17	4.79	0.56	-103.86	-2,133.07	-932.59	2,353.18	2,347.84	5.34	440.411		
1,400.00	1,385.27	1,347.41	1,347.40	5.33	0.59	-104.37	-2,133.09	-932.93	2,360.78	2,354.87	5.90	399.885		
1,500.00	1,479.82	1,441.92	1,441.91	5.92	0.63	-104.92	-2,133.06	-933.33	2,369.57	2,363.06	6.51	363.983		
1,600.00	1,573.17	1,534.44	1,534.43	6.56	0.66	-105.48	-2,132.98	-933.97	2,379.74	2,372.58	7.16	332.279		
1,700.00	1,665.22	1,627.58	1,627.56	7.26	0.70	-106.11	-2,132.85	-934.80	2,391.36	2,383.50	7.86	304.172		
1,800.00	1,756.74	1,720.23	1,720.21	7.99	0.73	-106.96	-2,132.66	-935.58	2,403.86	2,395.27	8.59	279.879		
1,900.00	1,848.26	1,806.81	1,806.79	8.75	0.76	-107.73	-2,132.53	-936.53	2,417.06	2,407.73	9.32	259.256		
2,000.00	1,939.78	1,894.94	1,894.91	9.51	0.79	-108.51	-2,132.51	-937.73	2,430.99	2,420.93	10.06	241.566		
2,100.00	2,031.30	2,014.86	2,014.82	10.29	0.83	-109.57	-2,131.97	-939.06	2,445.06	2,434.24	10.81	226.083		
2,200.00	2,122.82	2,092.93	2,092.88	11.07	0.86	-110.25	-2,131.55	-939.60	2,459.47	2,447.92	11.55	212.877		
2,300.00	2,214.34	2,179.68	2,179.63	11.86	0.89	-111.01	-2,131.35	-940.08	2,474.69	2,462.40	12.29	201.304		
2,400.00	2,305.85	2,264.90	2,264.85	12.66	0.92	-111.75	-2,131.34	-940.55	2,490.66	2,477.63	13.03	191.165		
2,500.00	2,397.37	2,357.42	2,357.37	13.46	0.95	-112.54	-2,131.48	-941.20	2,507.33	2,493.56	13.76	182.163		
2,600.00	2,488.89	2,442.55	2,442.50	14.26	0.97	-113.25	-2,131.53	-941.86	2,524.45	2,509.97	14.49	174.223		
2,700.00	2,580.41	2,526.77	2,526.71	15.07	1.00	-113.96	-2,132.06	-942.53	2,542.58	2,527.37	15.21	167.185		
2,800.00	2,671.93	2,631.18	2,631.12	15.88	1.03	-114.82	-2,132.33	-943.26	2,560.86	2,544.93	15.93	160.723		
2,900.00	2,763.45	2,719.83	2,719.77	16.69	1.06	-115.54	-2,132.54	-943.81	2,579.61	2,562.96	16.64	154.981		
3,000.00	2,854.97	2,815.72	2,815.66	17.51	1.09	-116.31	-2,132.65	-944.60	2,598.74	2,581.39	17.35	149.748		
3,100.00	2,946.49	2,901.12	2,901.05	18.32	1.12	-116.98	-2,132.79	-945.47	2,618.41	2,600.36	18.05	145.055		
3,200.00	3,038.00	2,991.75	2,991.67	19.14	1.15	-117.68	-2,133.05	-946.62	2,638.67	2,619.92	18.75	140.762		
3,300.00	3,129.52	3,070.32	3,070.23	19.96	1.17	-118.28	-2,133.48	-947.51	2,659.58	2,640.16	19.42	136.952		
3,400.00	3,221.04	3,159.08	3,159.99	20.77	1.19	-118.96	-2,134.39	-947.85	2,681.31	2,661.21	20.10	133.429		
3,500.00	3,312.56	3,257.05	3,256.95	21.59	1.21	-119.71	-2,135.24	-948.32	2,703.33	2,682.56	20.77	130.133		
3,600.00	3,404.08	3,357.75	3,357.66	22.42	1.23	-120.46	-2,135.83	-948.65	2,725.51	2,704.07	21.44	127.120		
3,700.00	3,495.60	3,452.13	3,452.03	23.24	1.24	-121.17	-2,136.14	-948.09	2,747.85	2,725.75	22.09	124.372		
3,800.00	3,587.12	3,534.49	3,534.38	24.06	1.24	-121.81	-2,136.52	-946.49	2,770.70	2,747.97	22.73	121.891		
3,900.00	3,678.63	3,608.44	3,608.30	24.88	1.24	-122.38	-2,137.23	-944.75	2,794.46	2,771.11	23.35	119.666		
4,000.00	3,770.15	3,676.42	3,676.25	25.71	1.25	-122.90	-2,138.37	-943.13	2,819.30	2,795.34	23.96	117.670		
4,100.00	3,861.67	3,754.86	3,754.65	26.53	1.26	-123.48	-2,140.23	-941.50	2,845.17	2,820.61	24.57	115.809		
4,200.00	3,953.19	3,831.10	3,830.86	27.35	1.27	-124.03	-2,142.27	-940.68	2,871.74	2,846.57	25.17	114.098		
4,300.00	4,044.71	3,900.00	3,899.72	28.18	1.28	-124.51	-2,144.65	-940.40	2,899.34	2,873.59	25.76	112.571		
4,400.00	4,136.23	3,984.56	3,984.21	29.01	1.31	-125.07	-2,148.01	-940.72	2,927.74	2,901.39	26.36	111.085		
4,500.00	4,227.75	4,082.87	4,082.43	29.83	1.33	-125.70	-2,151.92	-942.12	2,956.43	2,929.46	26.97	109.613		
4,600.00	4,319.27	4,182.79	4,182.24	30.66	1.36	-126.30	-2,155.66	-944.64	2,985.13	2,957.54	27.59	108.205		
4,700.00	4,410.78	4,299.41	4,298.74	31.48	1.40	-126.98	-2,159.49	-948.55	3,013.63	2,985.41	28.23	106.771		
4,800.00	4,502.30	4,413.77	4,413.01	32.31	1.43	-127.63	-2,162.28	-952.12	3,041.62	3,012.77	28.85	105.420		
4,900.00	4,593.82	4,502.48	4,501.65	33.14	1.46	-128.12	-2,164.23	-955.02	3,069.63	3,040.19	29.44	104.269		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,685.34	4,611.08	4,610.17	33.96	1.49	-128.72	-2,166.30	-958.47	3,097.63	3,067.58	30.05	103.087		
5,100.00	4,776.86	4,716.22	4,715.27	34.79	1.52	-129.30	-2,167.78	-961.26	3,125.46	3,094.81	30.64	101.990		
5,200.00	4,868.38	4,840.97	4,839.97	35.62	1.56	-129.97	-2,168.63	-964.45	3,152.89	3,121.63	31.26	100.865		
5,300.00	4,959.90	5,010.66	5,009.61	36.45	1.60	-130.89	-2,166.76	-967.66	3,179.08	3,147.17	31.91	99.635		
5,400.00	5,051.41	5,114.35	5,113.26	37.27	1.61	-131.47	-2,163.82	-968.56	3,203.97	3,171.50	32.47	98.683		
5,500.00	5,142.93	5,178.18	5,177.07	38.10	1.61	-131.83	-2,162.13	-968.40	3,229.45	3,196.47	32.98	97.930		
5,600.00	5,234.45	5,284.55	5,283.40	38.93	1.61	-132.44	-2,159.58	-966.95	3,255.61	3,222.09	33.52	97.118		
5,700.00	5,325.97	5,349.24	5,348.04	39.76	1.61	-132.83	-2,157.77	-965.27	3,281.91	3,247.90	34.01	96.485		
5,800.00	5,417.49	5,400.00	5,398.76	40.59	1.61	-133.13	-2,156.82	-963.43	3,309.49	3,275.00	34.48	95.976		
5,900.00	5,509.01	5,467.70	5,466.40	41.42	1.61	-133.53	-2,156.16	-960.79	3,338.21	3,303.25	34.96	95.484		
6,000.00	5,600.53	5,540.69	5,539.35	42.25	1.61	-133.96	-2,156.13	-958.29	3,367.91	3,332.47	35.44	95.027		
6,100.00	5,692.04	5,644.91	5,643.54	43.07	1.61	-134.53	-2,156.44	-955.85	3,398.06	3,362.09	35.96	94.491		
6,200.00	5,783.56	5,769.62	5,768.24	43.90	1.61	-135.18	-2,155.86	-954.25	3,427.50	3,391.00	36.51	93.882		
6,300.00	5,875.08	5,873.83	5,872.44	44.73	1.61	-135.71	-2,154.88	-953.55	3,456.67	3,419.65	37.03	93.356		
6,400.00	5,966.60	5,963.53	5,962.13	45.56	1.62	-136.15	-2,153.96	-953.38	3,485.90	3,448.38	37.52	92.906		
6,500.00	6,058.12	6,049.30	6,047.90	46.39	1.63	-136.55	-2,153.42	-954.05	3,515.48	3,477.46	38.01	92.483		
6,600.00	6,149.64	6,141.88	6,140.48	47.22	1.65	-136.98	-2,153.01	-954.92	3,545.37	3,506.85	38.51	92.055		
6,700.00	6,241.16	6,239.42	6,238.01	48.05	1.67	-137.41	-2,152.40	-955.89	3,575.27	3,536.25	39.02	91.626		
6,800.00	6,332.68	6,324.94	6,323.52	48.88	1.69	-137.79	-2,151.85	-956.67	3,605.36	3,565.85	39.50	91.266		
6,900.00	6,424.19	6,400.00	6,398.58	49.71	1.71	-138.12	-2,151.64	-957.27	3,635.97	3,596.00	39.97	90.975		
7,000.00	6,514.88	6,481.41	6,479.98	50.58	1.73	-130.64	-2,151.67	-957.74	3,667.50	3,627.04	40.46	90.650		
7,100.00	6,599.14	6,565.91	6,564.48	51.67	1.75	-120.31	-2,151.79	-958.11	3,701.74	3,660.64	41.09	90.078		
7,200.00	6,673.85	6,642.69	6,641.27	53.01	1.77	-112.90	-2,151.90	-958.60	3,738.32	3,696.45	41.87	89.276		
7,300.00	6,736.73	6,706.73	6,705.30	54.56	1.79	-106.92	-2,151.94	-958.89	3,776.74	3,733.97	42.77	88.308		
7,400.00	6,785.87	6,752.58	6,751.15	56.29	1.80	-101.62	-2,151.96	-959.02	3,816.46	3,772.72	43.74	87.263		
7,500.00	6,819.79	6,784.42	6,783.00	58.13	1.80	-96.77	-2,151.99	-959.06	3,856.80	3,812.05	44.75	86.185		
7,600.00	6,837.44	6,800.94	6,799.51	60.02	1.81	-92.27	-2,152.00	-959.07	3,896.92	3,851.16	45.77	85.148		
7,700.00	6,840.00	6,803.36	6,801.94	61.90	1.81	-89.95	-2,152.00	-959.07	3,936.26	3,889.51	46.75	84.203		
7,800.00	6,840.00	6,803.40	6,801.97	63.83	1.81	-89.95	-2,152.00	-959.07	3,977.15	3,929.43	47.73	83.329		
7,900.00	6,840.00	6,803.43	6,802.00	65.81	1.81	-89.95	-2,152.00	-959.07	4,020.12	3,971.41	48.71	82.527		
8,000.00	6,840.00	6,803.46	6,802.03	67.84	1.81	-89.95	-2,152.00	-959.07	4,065.10	4,015.41	49.69	81.801		
8,100.00	6,840.00	6,803.49	6,802.06	69.91	1.81	-89.95	-2,152.00	-959.07	4,112.02	4,061.35	50.67	81.152		
8,200.00	6,840.00	6,803.52	6,802.09	72.03	1.81	-89.95	-2,152.00	-959.07	4,160.81	4,109.17	51.64	80.580		
8,300.00	6,840.00	6,803.55	6,802.13	74.18	1.81	-89.95	-2,152.00	-959.07	4,211.41	4,158.82	52.59	80.082		
8,400.00	6,840.00	6,803.58	6,802.16	76.37	1.81	-89.95	-2,152.00	-959.07	4,263.76	4,210.23	53.53	79.659		
8,500.00	6,840.00	6,803.61	6,802.19	78.59	1.81	-89.96	-2,152.00	-959.07	4,317.78	4,263.34	54.44	79.307		
8,600.00	6,840.00	6,803.64	6,802.22	80.85	1.81	-89.96	-2,152.00	-959.07	4,373.43	4,318.09	55.34	79.024		
8,700.00	6,840.00	6,803.68	6,802.25	83.13	1.81	-89.96	-2,152.00	-959.07	4,430.64	4,374.42	56.22	78.808		
8,800.00	6,840.00	6,803.71	6,802.28	85.44	1.81	-89.96	-2,152.00	-959.07	4,489.34	4,432.27	57.08	78.654		
8,900.00	6,840.00	6,803.74	6,802.31	87.77	1.81	-89.96	-2,152.00	-959.07	4,549.49	4,491.58	57.91	78.561		
9,000.00	6,840.00	6,803.77	6,802.34	90.12	1.81	-89.96	-2,152.00	-959.07	4,611.02	4,552.30	58.72	78.525 SF		
9,100.00	6,840.00	6,803.80	6,802.38	92.50	1.81	-89.96	-2,152.00	-959.07	4,673.88	4,614.37	59.51	78.543		
9,200.00	6,840.00	6,803.83	6,802.41	94.89	1.81	-89.96	-2,152.00	-959.07	4,738.01	4,677.74	60.27	78.613		
9,300.00	6,840.00	6,803.86	6,802.44	97.30	1.81	-89.96	-2,152.00	-959.07	4,803.38	4,742.37	61.01	78.732		
9,400.00	6,840.00	6,803.89	6,802.47	99.73	1.81	-89.96	-2,152.00	-959.07	4,869.92	4,808.19	61.73	78.897		
9,500.00	6,840.00	6,803.93	6,802.50	102.17	1.81	-89.96	-2,152.00	-959.07	4,937.58	4,875.16	62.42	79.105		
9,600.00	6,840.00	6,803.96	6,802.53	104.63	1.81	-89.96	-2,152.00	-959.07	5,006.33	4,943.24	63.09	79.354		
9,700.00	6,840.00	6,803.99	6,802.56	107.10	1.81	-89.96	-2,152.00	-959.07	5,076.12	5,012.39	63.74	79.642		
9,800.00	6,840.00	6,804.02	6,802.59	109.58	1.81	-89.96	-2,152.01	-959.07	5,146.91	5,082.54	64.36	79.967		
9,900.00	6,840.00	6,804.05	6,802.63	112.07	1.81	-89.96	-2,152.01	-959.07	5,218.65	5,153.68	64.97	80.327		
10,000.00	6,840.00	6,804.08	6,802.66	114.58	1.81	-89.96	-2,152.01	-959.07	5,291.31	5,225.76	65.55	80.719		
10,100.00	6,840.00	6,804.11	6,802.69	117.09	1.81	-89.96	-2,152.01	-959.07	5,364.85	5,298.73	66.12	81.143		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,804.15	6,802.72	119.61	1.81	-89.96	-2,152.01	-959.07	5,439.23	5,372.57	66.66	81.595		
10,300.00	6,840.00	6,804.18	6,802.75	122.14	1.81	-89.96	-2,152.01	-959.07	5,514.43	5,447.24	67.19	82.076		
10,400.00	6,840.00	6,804.21	6,802.78	124.68	1.81	-89.96	-2,152.01	-959.07	5,590.40	5,522.70	67.69	82.582		
10,500.00	6,840.00	6,804.24	6,802.81	127.23	1.81	-89.97	-2,152.01	-959.07	5,667.11	5,598.93	68.19	83.113		
10,600.00	6,840.00	6,804.27	6,802.85	129.78	1.81	-89.97	-2,152.01	-959.07	5,744.55	5,675.89	68.66	83.668		
10,700.00	6,840.00	6,804.30	6,802.88	132.35	1.81	-89.97	-2,152.01	-959.07	5,822.67	5,753.55	69.12	84.245		
10,800.00	6,840.00	6,804.33	6,802.91	134.91	1.81	-89.97	-2,152.01	-959.07	5,901.45	5,831.89	69.56	84.843		
10,900.00	6,840.00	6,804.37	6,802.94	137.49	1.81	-89.97	-2,152.01	-959.07	5,980.87	5,910.88	69.98	85.461		
11,000.00	6,840.00	6,804.40	6,802.97	140.07	1.81	-89.97	-2,152.01	-959.07	6,060.89	5,990.50	70.40	86.097		
11,100.00	6,840.00	6,804.43	6,803.00	142.65	1.81	-89.97	-2,152.01	-959.07	6,141.50	6,070.71	70.79	86.752		
11,200.00	6,840.00	6,804.46	6,803.04	145.24	1.81	-89.97	-2,152.01	-959.07	6,222.68	6,151.50	71.18	87.423		
11,300.00	6,840.00	6,804.49	6,803.07	147.83	1.81	-89.97	-2,152.01	-959.07	6,304.39	6,232.84	71.55	88.111		
11,400.00	6,840.00	6,804.52	6,803.10	150.43	1.81	-89.97	-2,152.01	-959.07	6,386.63	6,314.72	71.91	88.814		
11,500.00	6,840.00	6,804.56	6,803.13	153.04	1.81	-89.97	-2,152.01	-959.07	6,469.36	6,397.10	72.26	89.532		
11,600.00	6,840.00	6,804.59	6,803.16	155.64	1.81	-89.97	-2,152.01	-959.07	6,552.58	6,479.98	72.59	90.263		
11,700.00	6,840.00	6,804.62	6,803.19	158.26	1.81	-89.97	-2,152.01	-959.07	6,636.26	6,563.34	72.92	91.007		
11,800.00	6,840.00	6,804.65	6,803.23	160.87	1.81	-89.97	-2,152.01	-959.07	6,720.38	6,647.15	73.24	91.764		
11,900.00	6,840.00	6,804.68	6,803.26	163.49	1.81	-89.97	-2,152.01	-959.07	6,804.94	6,731.40	73.54	92.533		
12,000.00	6,840.00	6,804.72	6,803.29	166.11	1.81	-89.97	-2,152.01	-959.07	6,889.91	6,816.07	73.84	93.314		
12,100.00	6,840.00	6,804.75	6,803.32	168.74	1.81	-89.97	-2,152.01	-959.07	6,975.28	6,901.16	74.12	94.105		
12,200.00	6,840.00	6,804.78	6,803.35	171.37	1.81	-89.97	-2,152.01	-959.07	7,061.03	6,986.63	74.40	94.906		
12,300.00	6,840.00	6,804.81	6,803.39	174.00	1.81	-89.97	-2,152.01	-959.07	7,147.15	7,072.48	74.67	95.717		
12,400.00	6,840.00	6,804.84	6,803.42	176.63	1.81	-89.97	-2,152.01	-959.07	7,233.63	7,158.70	74.93	96.538		
12,500.00	6,840.00	6,804.87	6,803.45	179.27	1.81	-89.98	-2,152.01	-959.07	7,320.46	7,245.27	75.18	97.367		
12,600.00	6,840.00	6,804.91	6,803.48	181.91	1.81	-89.98	-2,152.01	-959.07	7,407.61	7,332.18	75.43	98.205		
12,700.00	6,840.00	6,804.94	6,803.51	184.55	1.81	-89.98	-2,152.01	-959.07	7,495.09	7,419.42	75.67	99.051		
12,800.00	6,840.00	6,804.97	6,803.54	187.19	1.81	-89.98	-2,152.01	-959.07	7,582.88	7,506.98	75.90	99.904		
12,900.00	6,840.00	6,805.00	6,803.58	189.84	1.81	-89.98	-2,152.01	-959.07	7,670.96	7,594.84	76.13	100.765		
13,000.00	6,840.00	6,805.03	6,803.61	192.48	1.81	-89.98	-2,152.01	-959.07	7,759.34	7,682.99	76.35	101.633		
13,100.00	6,840.00	6,805.07	6,803.64	195.13	1.81	-89.98	-2,152.01	-959.07	7,847.99	7,771.43	76.56	102.508		
13,200.00	6,840.00	6,805.10	6,803.67	197.79	1.81	-89.98	-2,152.01	-959.07	7,936.91	7,860.15	76.77	103.389		
13,300.00	6,840.00	6,805.13	6,803.70	200.44	1.81	-89.98	-2,152.01	-959.07	8,026.10	7,949.13	76.97	104.277		
13,400.00	6,840.00	6,805.16	6,803.74	203.10	1.81	-89.98	-2,152.01	-959.07	8,115.53	8,038.37	77.17	105.170		
13,500.00	6,840.00	6,805.19	6,803.77	205.75	1.81	-89.98	-2,152.01	-959.07	8,205.21	8,127.86	77.36	106.069		
13,600.00	6,840.00	6,805.23	6,803.80	208.41	1.81	-89.98	-2,152.01	-959.07	8,295.13	8,217.59	77.54	106.973		
13,700.00	6,840.00	6,805.26	6,803.83	211.07	1.81	-89.98	-2,152.01	-959.07	8,385.27	8,307.55	77.73	107.882		
13,800.00	6,840.00	6,805.29	6,803.87	213.74	1.81	-89.98	-2,152.01	-959.07	8,475.64	8,397.74	77.90	108.796		
13,900.00	6,840.00	6,805.32	6,803.90	216.40	1.81	-89.98	-2,152.01	-959.07	8,566.22	8,488.14	78.08	109.715		
14,000.00	6,840.00	6,805.36	6,803.93	219.06	1.81	-89.98	-2,152.01	-959.07	8,657.01	8,578.76	78.25	110.638		
14,100.00	6,840.00	6,805.39	6,803.96	221.73	1.81	-89.98	-2,152.01	-959.07	8,747.99	8,669.58	78.41	111.565		
14,200.00	6,840.00	6,805.42	6,803.99	224.40	1.81	-89.98	-2,152.01	-959.07	8,839.18	8,760.60	78.57	112.496		
14,300.00	6,840.00	6,805.45	6,804.03	227.07	1.81	-89.98	-2,152.01	-959.07	8,930.55	8,851.82	78.73	113.432		
14,400.00	6,840.00	6,805.48	6,804.06	229.74	1.81	-89.99	-2,152.01	-959.07	9,022.10	8,943.22	78.88	114.371		
14,500.00	6,840.00	6,805.52	6,804.09	232.41	1.81	-89.99	-2,152.01	-959.07	9,113.83	9,034.80	79.04	115.313		
14,600.00	6,840.00	6,805.55	6,804.12	235.08	1.81	-89.99	-2,152.01	-959.07	9,205.74	9,126.56	79.18	116.259		
14,700.00	6,840.00	6,805.58	6,804.16	237.75	1.81	-89.99	-2,152.01	-959.07	9,297.81	9,218.48	79.33	117.208		
14,800.00	6,840.00	6,805.61	6,804.19	240.43	1.81	-89.99	-2,152.01	-959.07	9,390.04	9,310.58	79.47	118.160		
14,900.00	6,840.00	6,805.65	6,804.22	243.10	1.81	-89.99	-2,152.01	-959.07	9,482.43	9,402.83	79.61	119.115		
15,000.00	6,840.00	6,805.68	6,804.25	245.78	1.81	-89.99	-2,152.01	-959.07	9,574.98	9,495.24	79.74	120.073		
15,100.00	6,840.00	6,805.71	6,804.29	248.46	1.81	-89.99	-2,152.01	-959.07	9,667.67	9,587.79	79.88	121.034		
15,200.00	6,840.00	6,805.74	6,804.32	251.14	1.81	-89.99	-2,152.01	-959.07	9,760.51	9,680.50	80.01	121.997		
15,300.00	6,840.00	6,805.78	6,804.35	253.82	1.81	-89.99	-2,152.01	-959.07	9,853.48	9,773.35	80.13	122.962		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	6,840.00	6,805.81	6,804.38	256.50	1.81	-89.99	-2,152.01	-959.07	9,946.60	9,866.34	80.26	123.930	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 320-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-178.58	-2,050.30	-50.78	2,050.93					
100.00	100.00	97.32	97.32	0.13	0.17	-178.58	-2,050.34	-50.82	2,050.97	2,050.67	0.30	6,832.776		
200.00	200.00	195.62	195.61	0.49	0.33	-178.58	-2,050.46	-50.92	2,051.09	2,050.27	0.83	2,483.069		
300.00	300.00	293.91	293.91	0.85	0.50	-178.57	-2,050.66	-51.09	2,051.30	2,049.95	1.35	1,517.350		
400.00	400.00	394.97	394.97	1.21	0.81	-178.56	-2,050.89	-51.38	2,051.54	2,049.52	2.02	1,014.827		
500.00	500.00	497.02	497.02	1.57	1.18	-178.55	-2,051.03	-51.87	2,051.69	2,048.94	2.74	747.928 ES		
600.00	599.98	599.06	599.06	1.92	1.54	-123.95	-2,051.06	-52.59	2,052.71	2,049.25	3.46	592.929		
700.00	699.84	701.01	701.00	2.28	1.90	-124.00	-2,050.98	-53.51	2,055.58	2,051.40	4.18	491.544		
800.00	799.45	788.73	788.72	2.65	2.21	-124.07	-2,051.09	-54.31	2,060.62	2,055.76	4.86	424.024		
900.00	898.70	886.21	886.19	3.02	2.56	-124.20	-2,051.60	-54.99	2,068.03	2,062.44	5.58	370.352		
1,000.00	997.47	987.35	987.33	3.42	2.93	-124.39	-2,052.07	-55.73	2,077.40	2,071.06	6.34	327.885		
1,100.00	1,095.62	1,083.94	1,083.91	3.84	3.27	-124.59	-2,052.54	-56.56	2,088.83	2,081.74	7.09	294.627		
1,200.00	1,193.06	1,182.49	1,182.46	4.30	3.63	-124.85	-2,053.03	-57.32	2,102.37	2,094.49	7.87	267.045		
1,300.00	1,289.64	1,279.91	1,279.88	4.79	3.98	-125.14	-2,053.43	-57.94	2,117.97	2,109.29	8.68	244.092		
1,400.00	1,385.27	1,374.97	1,374.93	5.33	4.32	-125.45	-2,053.89	-58.73	2,135.84	2,126.34	9.50	224.806		
1,500.00	1,479.82	1,470.19	1,470.15	5.92	4.66	-125.77	-2,054.24	-59.78	2,155.84	2,145.49	10.36	208.181		
1,600.00	1,573.17	1,553.94	1,553.89	6.56	4.96	-126.04	-2,054.80	-60.41	2,178.44	2,167.25	11.20	194.557		
1,700.00	1,665.22	1,640.15	1,640.09	7.26	5.25	-126.43	-2,055.64	-59.47	2,203.81	2,191.74	12.07	182.599		
1,800.00	1,756.74	1,769.96	1,769.84	7.99	5.68	-127.64	-2,055.83	-55.70	2,229.85	2,216.75	13.09	170.296		
1,900.00	1,848.26	1,870.20	1,869.97	8.75	6.02	-128.59	-2,054.26	-51.37	2,254.88	2,240.86	14.02	160.810		
2,000.00	1,939.78	1,947.82	1,947.44	9.51	6.28	-129.35	-2,053.26	-46.51	2,280.90	2,266.03	14.87	153.352		
2,100.00	2,031.30	2,035.81	2,035.11	10.29	6.57	-130.23	-2,052.20	-39.17	2,307.82	2,292.06	15.76	146.426		
2,200.00	2,122.82	2,134.40	2,133.20	11.07	6.91	-131.24	-2,050.43	-29.36	2,335.01	2,318.32	16.69	139.939		
2,300.00	2,214.34	2,233.51	2,231.58	11.86	7.26	-132.28	-2,048.13	-17.64	2,362.66	2,345.05	17.61	134.159		
2,400.00	2,305.85	2,344.53	2,341.85	12.66	7.66	-133.41	-2,044.63	-5.28	2,390.11	2,371.53	18.58	128.640		
2,500.00	2,397.37	2,424.79	2,421.63	13.46	7.95	-134.19	-2,041.88	3.09	2,417.86	2,398.43	19.43	124.437		
2,600.00	2,488.89	2,518.27	2,514.51	14.26	8.29	-135.09	-2,038.98	13.24	2,446.55	2,426.22	20.33	120.367		
2,700.00	2,580.41	2,608.08	2,603.77	15.07	8.62	-135.94	-2,035.82	22.65	2,475.36	2,454.16	21.20	116.747		
2,800.00	2,671.93	2,709.31	2,704.30	15.88	8.99	-136.88	-2,032.11	33.88	2,504.75	2,482.63	22.12	113.239		
2,900.00	2,763.45	2,777.91	2,772.42	16.69	9.25	-137.51	-2,029.41	41.57	2,534.49	2,511.59	22.90	110.678		
3,000.00	2,854.97	2,848.60	2,842.49	17.51	9.52	-138.17	-2,027.17	50.64	2,565.72	2,542.04	23.68	108.357		
3,100.00	2,946.49	2,950.59	2,943.60	18.32	9.91	-139.10	-2,023.75	63.49	2,597.30	2,572.72	24.58	105.653		
3,200.00	3,038.00	3,041.77	3,034.03	19.14	10.26	-139.91	-2,020.45	74.76	2,629.12	2,603.69	25.44	103.362		
3,300.00	3,129.52	3,127.84	3,119.50	19.96	10.59	-140.64	-2,017.58	84.50	2,661.41	2,635.15	26.26	101.345		
3,400.00	3,221.04	3,215.41	3,206.54	20.77	10.93	-141.35	-2,014.98	93.76	2,694.24	2,667.15	27.09	99.470		
3,500.00	3,312.56	3,330.54	3,320.97	21.59	11.37	-142.26	-2,011.14	105.88	2,727.22	2,699.19	28.02	97.315		
3,600.00	3,404.08	3,418.53	3,408.46	22.42	11.71	-142.94	-2,007.63	114.49	2,759.80	2,730.96	28.84	95.691		
3,700.00	3,495.60	3,488.46	3,477.95	23.24	11.98	-143.47	-2,005.04	121.86	2,793.22	2,763.66	29.57	94.465		
3,800.00	3,587.12	3,558.23	3,547.31	24.06	12.25	-143.99	-2,003.01	129.18	2,827.67	2,797.38	30.29	93.357		
3,900.00	3,678.63	3,638.63	3,627.25	24.88	12.56	-144.57	-2,001.14	137.47	2,862.89	2,831.84	31.05	92.201		
4,000.00	3,770.15	3,741.26	3,729.31	25.71	12.95	-145.29	-1,998.53	147.97	2,898.24	2,866.33	31.91	90.824		
4,100.00	3,861.67	3,822.31	3,809.95	26.53	13.27	-145.85	-1,996.47	155.95	2,933.81	2,901.14	32.67	89.814		
4,200.00	3,953.19	3,882.90	3,870.17	27.35	13.50	-146.26	-1,995.14	162.46	2,970.28	2,936.96	33.32	89.156		
4,300.00	4,044.71	3,972.53	3,959.17	28.18	13.85	-146.88	-1,993.34	172.94	3,007.55	2,973.45	34.10	88.197		
4,400.00	4,136.23	4,066.36	4,052.36	29.01	14.22	-147.50	-1,991.33	183.58	3,044.90	3,009.99	34.90	87.241		
4,500.00	4,227.75	4,154.65	4,140.19	29.83	14.56	-148.06	-1,989.86	192.49	3,082.44	3,046.77	35.67	86.413		
4,600.00	4,319.27	4,242.25	4,228.49	30.66	14.91	-148.64	-1,988.64	199.99	3,120.81	3,084.84	36.44	85.685		
4,700.00	4,410.78	4,324.33	4,310.49	31.48	15.27	-149.22	-1,987.64	207.99	3,159.84	3,122.79	37.22	84.957		
4,800.00	4,502.30	4,416.88	4,402.88	32.31	15.64	-149.80	-1,986.84	215.99	3,199.84	3,167.79	38.00	84.229		
4,900.00	4,593.82	4,502.43	4,488.29	33.14	16.01	-150.38	-1,986.14	223.99	3,240.84	3,214.79	38.78	83.501		
5,000.00	4,685.34	4,594.98	4,580.74	33.96	16.38	-150.96	-1,985.64	231.99	3,282.84	3,262.79	39.56	82.773		
5,100.00	4,776.86	4,687.50	4,673.10	34.79	16.75	-151.54	-1,985.34	239.99	3,325.84	3,310.79	40.34	82.045		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 320-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	9,739.74	7,015.07	35.62	58.97	155.08	1,001.55	189.91	2,644.11	2,584.93	59.18	44.677		
5,300.00	4,959.90	9,773.00	7,015.32	36.45	59.51	154.25	1,034.77	188.59	2,589.74	2,528.19	61.55	42.073		
5,400.00	5,051.41	9,806.29	7,015.54	37.27	60.05	153.42	1,068.03	187.14	2,537.82	2,473.81	64.01	39.647		
5,500.00	5,142.93	9,839.62	7,015.72	38.10	60.59	152.58	1,101.33	185.57	2,488.49	2,421.94	66.55	37.392		
5,600.00	5,234.45	9,854.89	7,015.75	38.93	60.84	152.20	1,116.58	185.00	2,442.06	2,373.15	68.91	35.437		
5,700.00	5,325.97	9,875.61	7,015.76	39.76	61.18	151.68	1,137.29	184.23	2,398.67	2,327.27	71.40	33.594		
5,800.00	5,417.49	9,895.72	7,015.72	40.59	61.51	151.17	1,157.40	183.57	2,358.51	2,284.59	73.92	31.905		
5,900.00	5,509.01	9,915.21	7,015.64	41.42	61.83	150.67	1,176.87	183.03	2,321.76	2,245.30	76.46	30.366		
6,000.00	5,600.53	9,934.13	7,015.56	42.25	62.14	150.19	1,195.79	182.55	2,288.60	2,209.60	79.00	28.971		
6,100.00	5,692.04	9,953.04	7,015.49	43.07	62.45	149.70	1,214.69	182.12	2,259.17	2,177.65	81.52	27.713		
6,200.00	5,783.56	9,971.92	7,015.44	43.90	62.75	149.22	1,233.57	181.73	2,233.64	2,149.63	84.02	26.585		
6,300.00	5,875.08	9,990.78	7,015.39	44.73	63.06	148.74	1,252.43	181.38	2,212.14	2,125.67	86.47	25.584		
6,400.00	5,966.60	10,010.70	7,015.35	45.56	63.39	148.23	1,272.35	181.06	2,194.78	2,105.91	88.87	24.698		
6,500.00	6,058.12	10,032.08	7,015.30	46.39	63.74	147.68	1,293.72	180.74	2,181.64	2,090.43	91.21	23.918		
6,600.00	6,149.64	10,053.28	7,015.24	47.22	64.09	147.13	1,314.92	180.46	2,172.80	2,079.35	93.45	23.251		
6,700.00	6,241.16	10,074.29	7,015.17	48.05	64.44	146.59	1,335.93	180.21	2,168.31	2,072.74	95.57	22.689		
6,752.47	6,289.18	10,085.25	7,015.13	48.49	64.62	146.31	1,346.89	180.09	2,167.71	2,071.09	96.62	22.436		
6,800.00	6,332.68	10,095.98	7,015.09	48.88	64.79	146.04	1,357.61	179.98	2,168.20	2,070.64	97.56	22.225		
6,900.00	6,424.19	10,122.78	7,015.03	49.71	65.23	145.35	1,384.42	179.67	2,172.44	2,072.91	99.53	21.828		
7,000.00	6,514.88	10,150.24	7,015.05	50.58	65.69	150.80	1,411.87	179.29	2,183.34	2,081.97	101.36	21.540		
7,100.00	6,599.14	10,176.97	7,015.16	51.67	66.13	157.52	1,438.60	178.84	2,213.38	2,110.35	103.04	21.482 SF		
7,200.00	6,673.85	10,198.05	7,015.28	53.01	66.48	161.28	1,459.67	178.46	2,262.88	2,158.49	104.39	21.677		
7,300.00	6,736.73	10,215.70	7,015.39	54.56	66.77	163.44	1,477.32	178.14	2,329.23	2,223.76	105.47	22.085		
7,400.00	6,785.87	10,230.08	7,015.49	56.29	67.01	164.60	1,491.70	177.88	2,409.19	2,302.91	106.28	22.668		
7,500.00	6,819.79	10,240.75	7,015.56	58.13	67.18	164.99	1,502.37	177.69	2,499.22	2,392.37	106.85	23.391		
7,600.00	6,837.44	10,247.38	7,015.60	60.02	67.29	164.33	1,508.99	177.57	2,595.72	2,488.55	107.18	24.219		
7,700.00	6,840.00	10,250.20	7,015.62	61.90	67.34	161.71	1,511.81	177.52	2,695.20	2,587.89	107.31	25.116		
7,800.00	6,840.00	10,252.36	7,015.64	63.83	67.38	161.08	1,513.97	177.48	2,794.97	2,687.56	107.41	26.020		
7,900.00	6,840.00	10,254.52	7,015.65	65.81	67.41	160.46	1,516.13	177.44	2,894.76	2,787.24	107.52	26.924		
8,000.00	6,840.00	10,256.68	7,015.67	67.84	67.45	159.84	1,518.29	177.40	2,994.55	2,886.94	107.62	27.826		
8,100.00	6,840.00	10,258.83	7,015.68	69.91	67.48	159.23	1,520.45	177.36	3,094.36	2,986.65	107.72	28.727		
8,200.00	6,840.00	10,260.98	7,015.70	72.03	67.52	158.62	1,522.60	177.33	3,194.18	3,086.36	107.81	29.627		
8,300.00	6,840.00	10,263.13	7,015.71	74.18	67.55	158.02	1,524.74	177.29	3,294.01	3,186.09	107.91	30.525		
8,400.00	6,840.00	10,265.28	7,015.73	76.37	67.59	157.43	1,526.89	177.25	3,393.84	3,285.83	108.01	31.421		
8,500.00	6,840.00	10,267.42	7,015.74	78.59	67.63	156.84	1,529.03	177.21	3,493.69	3,385.58	108.11	32.316		
8,600.00	6,840.00	10,269.56	7,015.76	80.85	67.66	156.26	1,531.17	177.17	3,593.54	3,485.33	108.21	33.210		
8,700.00	6,840.00	10,271.69	7,015.77	83.13	67.70	155.68	1,533.30	177.14	3,693.40	3,585.09	108.31	34.102		
8,800.00	6,840.00	10,273.82	7,015.79	85.44	67.73	155.12	1,535.43	177.10	3,793.26	3,684.86	108.40	34.992		
8,900.00	6,840.00	10,275.95	7,015.80	87.77	67.77	154.55	1,537.56	177.06	3,893.14	3,784.63	108.50	35.881		
9,000.00	6,840.00	10,278.08	7,015.82	90.12	67.80	154.00	1,539.68	177.02	3,993.01	3,884.41	108.60	36.768		
9,100.00	6,840.00	10,271.00	7,015.77	92.50	67.68	155.87	1,532.61	177.15	4,092.90	3,984.47	108.43	37.746		
9,200.00	6,840.00	10,279.06	7,015.82	94.89	67.82	153.74	1,540.66	177.01	4,192.78	4,084.08	108.70	38.572		
9,300.00	6,840.00	10,280.50	7,015.83	97.30	67.84	153.37	1,542.11	176.99	4,292.67	4,183.89	108.78	39.462		
9,400.00	6,840.00	10,281.92	7,015.84	99.73	67.87	153.00	1,543.52	176.96	4,392.57	4,283.71	108.86	40.351		
9,500.00	6,840.00	10,283.31	7,015.85	102.17	67.89	152.65	1,544.92	176.94	4,492.47	4,383.53	108.94	41.240		
9,600.00	6,840.00	10,284.69	7,015.86	104.63	67.91	152.30	1,546.30	176.92	4,592.37	4,483.36	109.01	42.127		
9,700.00	6,840.00	10,286.05	7,015.87	107.10	67.93	151.95	1,547.66	176.90	4,692.28	4,583.19	109.09	43.013		
9,800.00	6,840.00	10,287.39	7,015.88	109.58	67.96	151.62	1,548.99	176.87	4,792.19	4,683.03	109.17	43.898		
9,900.00	6,840.00	10,288.71	7,015.89	112.07	67.98	151.29	1,550.31	176.85	4,892.10	4,782.86	109.24	44.783		
10,000.00	6,840.00	10,290.01	7,015.90	114.58	68.00	150.97	1,551.61	176.83	4,992.02	4,882.70	109.32	45.666		
10,100.00	6,840.00	10,291.29	7,015.90	117.09	68.02	150.65	1,552.89	176.81	5,091.94	4,982.55	109.39	46.547		
10,200.00	6,840.00	10,292.55	7,015.91	119.61	68.04	150.34	1,554.16	176.79	5,191.86	5,082.39	109.47	47.428		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 320-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	10,293.79	7,015.92	122.14	68.06	150.04	1,555.40	176.78	5,291.79	5,182.24	109.54	48.308		
10,400.00	6,840.00	10,295.02	7,015.93	124.68	68.08	149.75	1,556.63	176.76	5,391.71	5,282.10	109.62	49.187		
10,500.00	6,840.00	10,296.23	7,015.93	127.23	68.10	149.45	1,557.84	176.74	5,491.64	5,381.95	109.69	50.064		
10,600.00	6,840.00	10,297.43	7,015.94	129.78	68.12	149.17	1,559.03	176.72	5,591.57	5,481.81	109.77	50.940		
10,700.00	6,840.00	10,298.61	7,015.95	132.35	68.14	148.89	1,560.21	176.70	5,691.51	5,581.66	109.84	51.816		
10,800.00	6,840.00	10,299.77	7,015.95	134.91	68.16	148.62	1,561.37	176.69	5,791.44	5,681.53	109.92	52.690		
10,900.00	6,840.00	10,300.91	7,015.96	137.49	68.18	148.35	1,562.52	176.67	5,891.38	5,781.39	109.99	53.563		
11,000.00	6,840.00	10,302.05	7,015.97	140.07	68.20	148.08	1,563.65	176.65	5,991.32	5,881.25	110.06	54.435		
11,100.00	6,840.00	10,303.16	7,015.97	142.65	68.22	147.83	1,564.77	176.64	6,091.26	5,981.12	110.14	55.306		
11,200.00	6,840.00	10,304.26	7,015.98	145.24	68.24	147.57	1,565.87	176.62	6,191.20	6,080.99	110.21	56.176		
11,300.00	6,840.00	10,305.35	7,015.98	147.83	68.26	147.32	1,566.95	176.61	6,291.14	6,180.86	110.29	57.044		
11,400.00	6,840.00	10,306.42	7,015.99	150.43	68.27	147.08	1,568.03	176.59	6,391.09	6,280.73	110.36	57.912		
11,500.00	6,840.00	10,307.48	7,015.99	153.04	68.29	146.84	1,569.09	176.58	6,491.03	6,380.60	110.43	58.778		
11,600.00	6,840.00	10,308.53	7,016.00	155.64	68.31	146.60	1,570.13	176.57	6,590.98	6,480.47	110.51	59.643		
11,700.00	6,840.00	10,309.56	7,016.01	158.26	68.32	146.37	1,571.16	176.55	6,690.93	6,580.35	110.58	60.508		
11,800.00	6,840.00	10,310.58	7,016.01	160.87	68.34	146.14	1,572.18	176.54	6,790.88	6,680.23	110.65	61.371		
11,900.00	6,840.00	10,311.58	7,016.02	163.49	68.36	145.92	1,573.19	176.52	6,890.83	6,780.10	110.73	62.232		
12,000.00	6,840.00	10,312.58	7,016.02	166.11	68.38	145.70	1,574.18	176.51	6,990.78	6,879.98	110.80	63.093		
12,100.00	6,840.00	10,313.56	7,016.03	168.74	68.39	145.49	1,575.16	176.50	7,090.74	6,979.86	110.87	63.953		
12,200.00	6,840.00	10,314.53	7,016.03	171.37	68.41	145.27	1,576.13	176.49	7,190.69	7,079.74	110.95	64.811		
12,300.00	6,840.00	10,315.48	7,016.04	174.00	68.42	145.07	1,577.09	176.47	7,290.65	7,179.62	111.02	65.668		
12,400.00	6,840.00	10,316.43	7,016.04	176.63	68.44	144.86	1,578.03	176.46	7,390.60	7,279.51	111.10	66.524		
12,500.00	6,840.00	10,317.36	7,016.04	179.27	68.45	144.66	1,578.97	176.45	7,490.56	7,379.39	111.17	67.379		
12,600.00	6,840.00	10,318.28	7,016.05	181.91	68.47	144.46	1,579.89	176.44	7,590.52	7,479.28	111.24	68.233		
12,700.00	6,840.00	10,319.19	7,016.05	184.55	68.48	144.27	1,580.80	176.43	7,690.48	7,579.16	111.32	69.086		
12,800.00	6,840.00	10,320.10	7,016.06	187.19	68.50	144.08	1,581.70	176.42	7,790.44	7,679.05	111.39	69.937		
12,900.00	6,840.00	10,320.98	7,016.06	189.84	68.51	143.89	1,582.59	176.41	7,890.40	7,778.93	111.47	70.787		
13,000.00	6,840.00	10,321.86	7,016.06	192.48	68.53	143.71	1,583.47	176.40	7,990.36	7,878.82	111.54	71.636		
13,100.00	6,840.00	10,322.73	7,016.07	195.13	68.54	143.52	1,584.34	176.38	8,090.32	7,978.71	111.62	72.484		
13,200.00	6,840.00	10,323.59	7,016.07	197.79	68.56	143.35	1,585.20	176.37	8,190.29	8,078.60	111.69	73.331		
13,300.00	6,840.00	10,324.44	7,016.08	200.44	68.57	143.17	1,586.04	176.36	8,290.25	8,178.49	111.76	74.176		
13,400.00	6,840.00	10,325.28	7,016.08	203.10	68.59	143.00	1,586.88	176.35	8,390.22	8,278.38	111.84	75.020		
13,500.00	6,840.00	10,326.11	7,016.08	205.75	68.60	142.83	1,587.71	176.35	8,490.18	8,378.27	111.91	75.864		
13,600.00	6,840.00	10,326.93	7,016.09	208.41	68.61	142.66	1,588.53	176.34	8,590.15	8,478.16	111.99	76.705		
13,700.00	6,840.00	10,327.74	7,016.09	211.07	68.63	142.49	1,589.34	176.33	8,690.12	8,578.05	112.06	77.546		
13,800.00	6,840.00	10,328.54	7,016.09	213.74	68.64	142.33	1,590.14	176.32	8,790.08	8,677.94	112.14	78.386		
13,900.00	6,840.00	10,329.33	7,016.10	216.40	68.65	142.17	1,590.94	176.31	8,890.05	8,777.84	112.21	79.224		
14,000.00	6,840.00	10,330.12	7,016.10	219.06	68.67	142.02	1,591.72	176.30	8,990.02	8,877.73	112.29	80.061		
14,100.00	6,840.00	10,330.89	7,016.10	221.73	68.68	141.86	1,592.50	176.29	9,089.99	8,977.62	112.37	80.897		
14,200.00	6,840.00	10,331.66	7,016.11	224.40	68.69	141.71	1,593.26	176.28	9,189.96	9,077.52	112.44	81.731		
14,300.00	6,840.00	10,332.42	7,016.11	227.07	68.70	141.56	1,594.02	176.27	9,289.93	9,177.41	112.52	82.564		
14,400.00	6,840.00	10,333.17	7,016.11	229.74	68.72	141.41	1,594.77	176.27	9,389.90	9,277.30	112.59	83.397		
14,500.00	6,840.00	10,333.91	7,016.12	232.41	68.73	141.26	1,595.51	176.26	9,489.87	9,377.20	112.67	84.227		
14,600.00	6,840.00	10,334.64	7,016.12	235.08	68.74	141.12	1,596.25	176.25	9,589.84	9,477.09	112.75	85.057		
14,700.00	6,840.00	10,335.37	7,016.12	237.75	68.75	140.98	1,596.97	176.24	9,689.81	9,576.99	112.82	85.885		
14,800.00	6,840.00	10,336.09	7,016.12	240.43	68.77	140.84	1,597.69	176.24	9,789.79	9,676.89	112.90	86.713		
14,900.00	6,840.00	10,336.80	7,016.13	243.10	68.78	140.70	1,598.40	176.23	9,889.76	9,776.78	112.98	87.538		
15,000.00	6,840.00	10,337.50	7,016.13	245.78	68.79	140.57	1,599.10	176.22	9,989.73	9,876.68	113.05	88.363		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 328-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	0.00	0.01	-177.84	-2,050.31	-77.29	2,051.76					
100.00	100.00	97.00	97.00	0.13	0.17	-177.84	-2,050.31	-77.29	2,051.76	2,051.46	0.30	6,843.658		
200.00	200.00	197.00	197.00	0.49	0.34	-177.84	-2,050.31	-77.29	2,051.76	2,050.93	0.83	2,475.674		
300.00	300.00	297.00	297.00	0.85	0.51	-177.84	-2,050.31	-77.29	2,051.76	2,050.40	1.36	1,511.167		
400.00	400.00	395.82	395.82	1.21	0.80	-177.84	-2,050.32	-77.30	2,051.78	2,049.78	2.00	1,023.357		
500.00	500.00	494.10	494.10	1.57	1.14	-177.84	-2,050.42	-77.37	2,051.88	2,049.18	2.71	758.468		
600.00	599.98	592.36	592.36	1.92	1.48	-123.25	-2,050.60	-77.48	2,053.02	2,049.62	3.40	603.318		
700.00	699.84	690.50	690.50	2.28	1.82	-123.31	-2,050.85	-77.65	2,056.16	2,052.06	4.10	501.314		
800.00	799.45	780.12	780.11	2.65	2.13	-123.39	-2,051.35	-78.13	2,061.54	2,056.76	4.78	431.602		
900.00	898.70	878.92	878.91	3.02	2.48	-123.52	-2,052.15	-78.97	2,069.13	2,063.63	5.50	376.401		
1,000.00	997.47	978.82	978.80	3.42	2.83	-123.70	-2,052.91	-79.75	2,078.65	2,072.41	6.24	333.298		
1,100.00	1,095.62	1,070.93	1,070.91	3.84	3.15	-123.89	-2,053.73	-80.55	2,090.31	2,083.34	6.97	299.877		
1,200.00	1,193.06	1,165.52	1,165.49	4.30	3.49	-124.11	-2,054.83	-81.57	2,104.29	2,096.56	7.73	272.058		
1,300.00	1,289.64	1,311.15	1,311.11	4.79	3.99	-124.69	-2,054.84	-82.48	2,119.26	2,110.57	8.70	243.664		
1,400.00	1,385.27	1,416.65	1,416.60	5.33	4.36	-125.12	-2,053.15	-82.38	2,134.87	2,125.32	9.55	223.624		
1,500.00	1,479.82	1,507.74	1,507.68	5.92	4.67	-125.49	-2,051.76	-82.22	2,152.84	2,142.46	10.38	207.481		
1,600.00	1,573.17	1,596.68	1,596.61	6.56	4.98	-125.85	-2,050.57	-82.07	2,173.33	2,162.09	11.23	193.485		
1,700.00	1,665.22	1,683.91	1,683.83	7.26	5.28	-126.26	-2,049.61	-82.05	2,196.42	2,184.30	12.12	181.254		
1,800.00	1,756.74	1,783.10	1,783.01	7.99	5.63	-127.12	-2,048.61	-82.20	2,220.81	2,207.75	13.06	170.029		
1,900.00	1,848.26	1,895.15	1,895.05	8.75	6.02	-128.05	-2,046.66	-82.71	2,244.95	2,230.89	14.06	159.679		
2,000.00	1,939.78	1,973.09	1,972.97	9.51	6.29	-128.69	-2,045.07	-83.17	2,269.24	2,254.30	14.93	151.949		
2,100.00	2,031.30	2,042.26	2,042.13	10.29	6.53	-129.25	-2,044.32	-83.34	2,294.81	2,279.04	15.77	145.478		
2,200.00	2,122.82	2,112.93	2,112.80	11.07	6.78	-129.82	-2,044.25	-83.29	2,321.69	2,305.07	16.62	139.734		
2,300.00	2,214.34	2,204.37	2,204.25	11.86	7.10	-130.54	-2,044.50	-83.10	2,349.32	2,331.79	17.53	134.014		
2,400.00	2,305.85	2,296.46	2,296.33	12.66	7.42	-131.25	-2,044.75	-82.90	2,377.33	2,358.88	18.44	128.889		
2,500.00	2,397.37	2,393.48	2,393.36	13.46	7.76	-131.98	-2,044.89	-82.80	2,405.56	2,386.19	19.38	124.153		
2,600.00	2,488.89	2,489.67	2,489.55	14.26	8.09	-132.69	-2,044.83	-82.86	2,433.93	2,413.63	20.30	119.902		
2,700.00	2,580.41	2,582.75	2,582.62	15.07	8.42	-133.37	-2,044.60	-82.52	2,462.53	2,441.32	21.20	116.130		
2,800.00	2,671.93	2,675.46	2,675.33	15.88	8.74	-134.04	-2,044.20	-81.60	2,491.40	2,469.30	22.10	112.721		
2,900.00	2,763.45	2,768.09	2,767.95	16.69	9.06	-134.71	-2,043.73	-80.58	2,520.56	2,497.57	22.99	109.618		
3,000.00	2,854.97	2,858.62	2,858.47	17.51	9.38	-135.34	-2,043.24	-79.60	2,550.00	2,526.13	23.87	106.821		
3,100.00	2,946.49	2,945.93	2,945.77	18.32	9.69	-135.94	-2,042.91	-78.81	2,579.87	2,555.14	24.73	104.316		
3,200.00	3,038.00	3,034.42	3,034.27	19.14	10.00	-136.52	-2,042.75	-78.17	2,610.16	2,584.57	25.59	101.997		
3,300.00	3,129.52	3,125.26	3,125.10	19.96	10.32	-137.11	-2,042.65	-77.61	2,640.77	2,614.32	26.45	99.822		
3,400.00	3,221.04	3,217.21	3,217.05	20.77	10.64	-137.69	-2,042.57	-77.10	2,671.66	2,644.34	27.32	97.795		
3,500.00	3,312.56	3,311.03	3,310.86	21.59	10.97	-138.28	-2,042.34	-76.28	2,702.75	2,674.57	28.19	95.891		
3,600.00	3,404.08	3,400.69	3,400.52	22.42	11.29	-138.83	-2,041.98	-75.18	2,734.05	2,705.02	29.03	94.187		
3,700.00	3,495.60	3,485.14	3,484.97	23.24	11.59	-139.34	-2,041.84	-74.24	2,765.77	2,735.93	29.84	92.678		
3,800.00	3,587.12	3,581.62	3,581.44	24.06	11.92	-139.90	-2,041.93	-73.47	2,797.90	2,767.19	30.71	91.121		
3,900.00	3,678.63	3,705.41	3,705.23	24.88	12.36	-140.58	-2,041.46	-73.92	2,829.50	2,797.81	31.69	89.298		
4,000.00	3,770.15	3,793.08	3,792.89	25.71	12.66	-141.04	-2,040.87	-75.16	2,860.76	2,828.26	32.50	88.014		
4,100.00	3,861.67	3,874.65	3,874.44	26.53	12.94	-141.44	-2,040.73	-76.62	2,892.54	2,859.25	33.29	86.889		
4,200.00	3,953.19	3,963.08	3,962.86	27.35	13.25	-141.87	-2,040.88	-78.30	2,924.74	2,890.64	34.10	85.759		
4,300.00	4,044.71	4,054.90	4,054.67	28.18	13.57	-142.31	-2,040.85	-79.43	2,957.14	2,922.21	34.93	84.664		
4,400.00	4,136.23	4,139.44	4,139.21	29.01	13.86	-142.73	-2,040.72	-79.96	2,989.78	2,954.07	35.71	83.718		
4,500.00	4,227.75	4,237.28	4,237.04	29.83	14.14	-143.11	-2,040.57	-80.48	3,021.99	2,985.58	36.49	82.782		
4,600.00	4,319.27	4,328.79	4,328.54	30.66	14.42	-143.49	-2,040.42	-81.00	3,054.20	3,017.77	37.27	81.846		
4,700.00	4,410.78	4,419.29	4,419.03	31.48	14.70	-143.87	-2,040.27	-81.52	3,086.41	3,048.96	38.05	80.910		
4,800.00	4,502.30	4,510.79	4,510.52	32.31	14.98	-144.25	-2,040.12	-82.04	3,118.62	3,079.11	38.83	80.000		
4,900.00	4,593.82	4,602.27	4,602.00	33.14	15.26	-144.63	-2,040.00	-82.56	3,150.83	3,108.22	39.61	79.110		
5,000.00	4,685.34	4,693.73	4,693.45	33.96	15.54	-145.01	-2,039.87	-83.08	3,183.04	3,139.31	40.39	78.240		
5,100.00	4,776.86	4,785.19	4,784.90	34.79	15.82	-145.39	-2,039.75	-83.60	3,215.25	3,169.42	41.17	77.390		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 328-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	9,722.92	7,006.58	35.62	58.93	156.89	998.07	-89.52	2,485.89	2,430.38	55.51	44.779		
5,300.00	4,959.90	9,750.58	7,006.48	36.45	59.38	156.11	1,025.72	-90.23	2,424.51	2,366.71	57.80	41.948		
5,400.00	5,051.41	9,797.22	7,006.35	37.27	60.14	154.79	1,072.34	-91.91	2,365.41	2,304.96	60.45	39.131		
5,500.00	5,142.93	9,850.91	7,006.37	38.10	61.02	153.26	1,125.93	-95.15	2,308.57	2,245.27	63.31	36.465		
5,600.00	5,234.45	9,862.29	7,006.37	38.93	61.21	152.94	1,137.28	-95.82	2,254.41	2,188.71	65.70	34.313		
5,700.00	5,325.97	9,878.50	7,006.34	39.76	61.48	152.47	1,153.47	-96.71	2,203.26	2,135.01	68.24	32.285		
5,800.00	5,417.49	9,894.11	7,006.28	40.59	61.73	152.03	1,169.06	-97.43	2,155.35	2,084.50	70.85	30.420		
5,900.00	5,509.01	9,909.15	7,006.19	41.42	61.98	151.59	1,184.09	-98.00	2,110.93	2,037.42	73.51	28.717		
6,000.00	5,600.53	9,933.00	7,005.98	42.25	62.38	150.90	1,207.93	-98.64	2,070.24	1,993.88	76.37	27.110		
6,100.00	5,692.04	9,933.00	7,005.98	43.07	62.38	150.90	1,207.93	-98.64	2,033.44	1,954.65	78.79	25.808		
6,200.00	5,783.56	9,955.44	7,005.79	43.90	62.74	150.25	1,230.37	-99.07	2,000.80	1,919.16	81.64	24.508		
6,300.00	5,875.08	9,972.48	7,005.68	44.73	63.02	149.75	1,247.40	-99.35	1,972.49	1,888.14	84.35	23.385		
6,400.00	5,966.60	9,989.71	7,005.62	45.56	63.31	149.24	1,264.63	-99.59	1,948.71	1,861.71	87.00	22.398		
6,500.00	6,058.12	10,007.13	7,005.59	46.39	63.59	148.74	1,282.05	-99.80	1,929.61	1,840.04	89.57	21.542		
6,600.00	6,149.64	10,025.03	7,005.61	47.22	63.89	148.21	1,299.95	-99.97	1,915.34	1,823.30	92.04	20.810		
6,700.00	6,241.16	10,045.28	7,005.62	48.05	64.22	147.62	1,320.20	-100.11	1,905.96	1,811.55	94.42	20.186		
6,800.00	6,332.68	10,065.06	7,005.59	48.88	64.55	147.04	1,339.98	-100.19	1,901.57	1,804.94	96.62	19.680		
6,837.75	6,367.22	10,072.41	7,005.57	49.19	64.67	146.82	1,347.33	-100.20	1,901.21	1,803.80	97.41	19.518 CC		
6,900.00	6,424.19	10,084.38	7,005.52	49.71	64.87	146.47	1,359.30	-100.21	1,902.18	1,803.55	98.63	19.285 ES		
7,000.00	6,514.88	10,103.09	7,005.42	50.58	65.18	152.08	1,378.01	-100.18	1,910.20	1,809.77	100.43	19.024		
7,100.00	6,599.14	10,120.23	7,005.30	51.67	65.46	159.06	1,395.16	-100.11	1,938.18	1,836.19	101.99	19.000 SF		
7,200.00	6,673.85	10,135.33	7,005.19	53.01	65.71	163.09	1,410.25	-100.02	1,986.38	1,883.13	103.25	19.238		
7,300.00	6,736.73	10,147.83	7,005.10	54.56	65.91	165.67	1,422.75	-99.93	2,052.05	1,947.83	104.21	19.691		
7,400.00	6,785.87	10,157.36	7,005.03	56.29	66.07	167.57	1,432.28	-99.84	2,131.73	2,026.84	104.89	20.324		
7,500.00	6,819.79	10,163.69	7,004.98	58.13	66.17	169.51	1,438.61	-99.78	2,221.70	2,116.39	105.31	21.096		
7,600.00	6,837.44	10,166.72	7,004.96	60.02	66.22	173.71	1,441.63	-99.75	2,318.22	2,212.69	105.52	21.969		
7,700.00	6,840.00	10,166.75	7,004.96	61.90	66.23	-175.58	1,441.66	-99.75	2,417.69	2,312.13	105.57	22.901		
7,800.00	6,840.00	10,166.29	7,004.96	63.83	66.22	-175.43	1,441.20	-99.76	2,517.46	2,411.88	105.59	23.843		
7,900.00	6,840.00	10,165.83	7,004.97	65.81	66.21	-175.27	1,440.75	-99.76	2,617.25	2,511.64	105.60	24.784		
8,000.00	6,840.00	10,165.38	7,004.97	67.84	66.20	-175.12	1,440.30	-99.76	2,717.05	2,611.43	105.62	25.725		
8,100.00	6,840.00	10,164.95	7,004.97	69.91	66.20	-174.97	1,439.86	-99.77	2,816.86	2,711.23	105.63	26.667		
8,200.00	6,840.00	10,164.51	7,004.98	72.03	66.19	-174.83	1,439.43	-99.77	2,916.69	2,811.04	105.65	27.608		
8,300.00	6,840.00	10,164.09	7,004.98	74.18	66.18	-174.68	1,439.01	-99.78	3,016.52	2,910.86	105.66	28.549		
8,400.00	6,840.00	10,163.67	7,004.98	76.37	66.17	-174.54	1,438.59	-99.78	3,116.37	3,010.70	105.68	29.490		
8,500.00	6,840.00	10,163.26	7,004.99	78.59	66.17	-174.40	1,438.18	-99.79	3,216.23	3,110.54	105.69	30.431		
8,600.00	6,840.00	10,162.86	7,004.99	80.85	66.16	-174.27	1,437.78	-99.79	3,316.10	3,210.39	105.70	31.371		
8,700.00	6,840.00	10,162.46	7,004.99	83.13	66.15	-174.13	1,437.38	-99.79	3,415.97	3,310.25	105.72	32.312		
8,800.00	6,840.00	10,162.07	7,005.00	85.44	66.15	-174.00	1,436.99	-99.80	3,515.85	3,410.12	105.73	33.252		
8,900.00	6,840.00	10,161.69	7,005.00	87.77	66.14	-173.87	1,436.60	-99.80	3,615.74	3,509.99	105.75	34.192		
9,000.00	6,840.00	10,161.31	7,005.00	90.12	66.14	-173.75	1,436.23	-99.80	3,715.63	3,609.87	105.77	35.131		
9,100.00	6,840.00	10,160.93	7,005.00	92.50	66.13	-173.62	1,435.85	-99.81	3,815.53	3,709.75	105.78	36.070		
9,200.00	6,840.00	10,160.57	7,005.01	94.89	66.12	-173.50	1,435.49	-99.81	3,915.44	3,809.64	105.80	37.009		
9,300.00	6,840.00	10,160.21	7,005.01	97.30	66.12	-173.37	1,435.12	-99.82	4,015.35	3,909.53	105.82	37.947		
9,400.00	6,840.00	10,159.85	7,005.01	99.73	66.11	-173.26	1,434.77	-99.82	4,115.26	4,009.43	105.83	38.885		
9,500.00	6,840.00	10,159.50	7,005.02	102.17	66.11	-173.14	1,434.42	-99.82	4,215.18	4,109.33	105.85	39.822		
9,600.00	6,840.00	10,159.16	7,005.02	104.63	66.10	-173.02	1,434.07	-99.83	4,315.10	4,209.23	105.87	40.759		
9,700.00	6,840.00	10,158.82	7,005.02	107.10	66.09	-172.91	1,433.73	-99.83	4,415.02	4,309.13	105.89	41.695		
9,800.00	6,840.00	10,158.48	7,005.02	109.58	66.09	-172.80	1,433.40	-99.83	4,514.95	4,409.04	105.91	42.631		
9,900.00	6,840.00	10,158.15	7,005.03	112.07	66.08	-172.68	1,433.07	-99.83	4,614.88	4,508.95	105.93	43.566		
10,000.00	6,840.00	10,157.83	7,005.03	114.58	66.08	-172.58	1,432.74	-99.84	4,714.82	4,608.87	105.95	44.501		
10,100.00	6,840.00	10,157.51	7,005.03	117.09	66.07	-172.47	1,432.42	-99.84	4,814.75	4,708.78	105.97	45.435		
10,200.00	6,840.00	10,157.19	7,005.03	119.61	66.07	-172.36	1,432.11	-99.84	4,914.69	4,808.70	105.99	46.368		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 328-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	10,156.88	7,005.04	122.14	66.06	-172.26	1,431.80	-99.85	5,014.63	4,908.62	106.02	47.301		
10,400.00	6,840.00	10,156.57	7,005.04	124.68	66.06	-172.16	1,431.49	-99.85	5,114.58	5,008.54	106.04	48.233		
10,500.00	6,840.00	10,156.27	7,005.04	127.23	66.05	-172.06	1,431.19	-99.85	5,214.52	5,108.46	106.06	49.165		
10,600.00	6,840.00	10,155.97	7,005.04	129.78	66.05	-171.96	1,430.89	-99.85	5,314.47	5,208.39	106.09	50.095		
10,700.00	6,840.00	10,155.68	7,005.04	132.35	66.04	-171.86	1,430.60	-99.86	5,414.42	5,308.31	106.11	51.025		
10,800.00	6,840.00	10,155.39	7,005.05	134.91	66.04	-171.76	1,430.31	-99.86	5,514.37	5,408.24	106.14	51.955		
10,900.00	6,840.00	10,155.10	7,005.05	137.49	66.03	-171.67	1,430.02	-99.86	5,614.33	5,508.16	106.16	52.883		
11,000.00	6,840.00	10,154.82	7,005.05	140.07	66.03	-171.57	1,429.74	-99.87	5,714.28	5,608.09	106.19	53.811		
11,100.00	6,840.00	10,154.54	7,005.05	142.65	66.02	-171.48	1,429.46	-99.87	5,814.24	5,708.02	106.22	54.738		
11,200.00	6,840.00	10,154.27	7,005.05	145.24	66.02	-171.39	1,429.18	-99.87	5,914.20	5,807.95	106.25	55.665		
11,300.00	6,840.00	10,153.99	7,005.06	147.83	66.01	-171.30	1,428.91	-99.87	6,014.16	5,907.88	106.28	56.590		
11,400.00	6,840.00	10,153.73	7,005.06	150.43	66.01	-171.21	1,428.65	-99.87	6,114.12	6,007.81	106.31	57.515		
11,500.00	6,840.00	10,153.46	7,005.06	153.04	66.01	-171.12	1,428.38	-99.88	6,214.08	6,107.74	106.34	58.439		
11,600.00	6,840.00	10,153.20	7,005.06	155.64	66.00	-171.03	1,428.12	-99.88	6,314.04	6,207.68	106.37	59.362		
11,700.00	6,840.00	10,152.95	7,005.06	158.26	66.00	-170.95	1,427.86	-99.88	6,414.01	6,307.61	106.40	60.284		
11,800.00	6,840.00	10,152.69	7,005.07	160.87	65.99	-170.86	1,427.61	-99.88	6,513.97	6,407.54	106.43	61.205		
11,900.00	6,840.00	10,152.44	7,005.07	163.49	65.99	-170.78	1,427.36	-99.89	6,613.94	6,507.48	106.46	62.125		
12,000.00	6,840.00	10,152.19	7,005.07	166.11	65.99	-170.70	1,427.11	-99.89	6,713.91	6,607.41	106.49	63.045		
12,100.00	6,840.00	10,151.95	7,005.07	168.74	65.98	-170.62	1,426.87	-99.89	6,813.87	6,707.35	106.53	63.963		
12,200.00	6,840.00	10,151.71	7,005.07	171.37	65.98	-170.54	1,426.63	-99.89	6,913.84	6,807.28	106.56	64.881		
12,300.00	6,840.00	10,151.47	7,005.08	174.00	65.97	-170.46	1,426.39	-99.89	7,013.81	6,907.22	106.60	65.797		
12,400.00	6,840.00	10,151.24	7,005.08	176.63	65.97	-170.38	1,426.15	-99.90	7,113.78	7,007.15	106.63	66.713		
12,500.00	6,840.00	10,151.00	7,005.08	179.27	65.97	-170.30	1,425.92	-99.90	7,213.76	7,107.09	106.67	67.627		
12,600.00	6,840.00	10,150.77	7,005.08	181.91	65.96	-170.23	1,425.69	-99.90	7,313.73	7,207.02	106.71	68.541		
12,700.00	6,840.00	10,150.55	7,005.08	184.55	65.96	-170.15	1,425.47	-99.90	7,413.70	7,306.96	106.74	69.454		
12,800.00	6,840.00	10,150.32	7,005.08	187.19	65.95	-170.08	1,425.24	-99.90	7,513.67	7,406.89	106.78	70.365		
12,900.00	6,840.00	10,150.10	7,005.09	189.84	65.95	-170.01	1,425.02	-99.91	7,613.65	7,506.83	106.82	71.276		
13,000.00	6,840.00	10,149.88	7,005.09	192.48	65.95	-169.93	1,424.80	-99.91	7,713.62	7,606.77	106.86	72.185		
13,100.00	6,840.00	10,149.67	7,005.09	195.13	65.94	-169.86	1,424.59	-99.91	7,813.60	7,706.70	106.90	73.093		
13,200.00	6,840.00	10,149.46	7,005.09	197.79	65.94	-169.79	1,424.37	-99.91	7,913.58	7,806.64	106.94	74.001		
13,300.00	6,840.00	10,149.25	7,005.09	200.44	65.94	-169.72	1,424.16	-99.91	8,013.55	7,906.57	106.98	74.907		
13,400.00	6,840.00	10,149.04	7,005.09	203.10	65.93	-169.66	1,423.96	-99.92	8,113.53	8,006.51	107.02	75.812		
13,500.00	6,840.00	10,148.83	7,005.10	205.75	65.93	-169.59	1,423.75	-99.92	8,213.51	8,106.45	107.06	76.716		
13,600.00	6,840.00	10,148.63	7,005.10	208.41	65.93	-169.52	1,423.55	-99.92	8,313.49	8,206.38	107.11	77.619		
13,700.00	6,840.00	10,148.43	7,005.10	211.07	65.92	-169.45	1,423.34	-99.92	8,413.47	8,306.32	107.15	78.521		
13,800.00	6,840.00	10,148.23	7,005.10	213.74	65.92	-169.39	1,423.15	-99.92	8,513.45	8,406.25	107.19	79.421		
13,900.00	6,840.00	10,148.03	7,005.10	216.40	65.92	-169.32	1,422.95	-99.92	8,613.43	8,506.19	107.24	80.321		
14,000.00	6,840.00	10,147.84	7,005.10	219.06	65.91	-169.26	1,422.76	-99.93	8,713.41	8,606.12	107.28	81.219		
14,100.00	6,840.00	10,147.64	7,005.10	221.73	65.91	-169.20	1,422.56	-99.93	8,813.39	8,706.06	107.33	82.116		
14,200.00	6,840.00	10,147.45	7,005.11	224.40	65.91	-169.13	1,422.37	-99.93	8,913.37	8,806.00	107.37	83.012		
14,300.00	6,840.00	10,147.27	7,005.11	227.07	65.90	-169.07	1,422.19	-99.93	9,013.35	8,905.93	107.42	83.907		
14,400.00	6,840.00	10,147.08	7,005.11	229.74	65.90	-169.01	1,422.00	-99.93	9,113.33	9,005.87	107.47	84.800		
14,500.00	6,840.00	10,146.90	7,005.11	232.41	65.90	-168.95	1,421.82	-99.93	9,213.32	9,105.80	107.52	85.692		
14,600.00	6,840.00	10,146.71	7,005.11	235.08	65.89	-168.89	1,421.63	-99.93	9,313.30	9,205.73	107.56	86.583		
14,700.00	6,840.00	10,146.54	7,005.11	237.75	65.89	-168.83	1,421.45	-99.94	9,413.28	9,305.67	107.61	87.473		
14,800.00	6,840.00	10,146.36	7,005.11	240.43	65.89	-168.78	1,421.28	-99.94	9,513.27	9,405.60	107.66	88.362		
14,900.00	6,840.00	10,146.18	7,005.11	243.10	65.89	-168.72	1,421.10	-99.94	9,613.25	9,505.54	107.71	89.249		
15,000.00	6,840.00	10,146.01	7,005.12	245.78	65.88	-168.66	1,420.93	-99.94	9,713.23	9,605.47	107.76	90.135		
15,100.00	6,840.00	10,145.83	7,005.12	248.46	65.88	-168.60	1,420.75	-99.94	9,813.22	9,705.40	107.81	91.020		
15,200.00	6,840.00	10,145.66	7,005.12	251.14	65.88	-168.55	1,420.58	-99.94	9,913.20	9,805.34	107.87	91.903		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 351-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-167.50	-2,047.39	-453.98	2,097.14					
100.00	100.00	84.83	84.83	0.13	0.15	-167.50	-2,047.48	-454.03	2,097.23	2,096.95	0.28	7,496.369		
200.00	200.00	179.09	179.09	0.49	0.31	-167.49	-2,047.82	-454.19	2,097.61	2,096.81	0.80	2,623.534		
300.00	300.00	273.35	273.35	0.85	0.47	-167.49	-2,048.39	-454.46	2,098.27	2,096.95	1.32	1,590.458		
400.00	400.00	368.40	368.39	1.21	0.66	-167.49	-2,049.21	-454.86	2,099.19	2,097.32	1.87	1,120.776		
500.00	500.00	467.17	467.16	1.57	1.02	-167.48	-2,050.19	-455.26	2,100.25	2,097.67	2.59	812.363		
600.00	599.98	565.91	565.89	1.92	1.37	-112.88	-2,051.25	-455.58	2,102.05	2,098.75	3.29	637.973		
700.00	699.84	664.51	664.49	2.28	1.73	-112.95	-2,052.38	-455.83	2,105.26	2,101.26	4.01	525.634		
800.00	799.45	761.18	761.14	2.65	2.08	-113.07	-2,053.57	-456.09	2,109.95	2,105.23	4.72	447.341		
900.00	898.70	857.16	857.12	3.02	2.42	-113.26	-2,054.95	-456.16	2,116.20	2,110.76	5.44	389.289		
1,000.00	997.47	997.09	997.03	3.42	2.90	-113.72	-2,056.00	-454.73	2,123.03	2,116.72	6.31	336.352		
1,100.00	1,095.62	1,106.08	1,106.02	3.84	3.27	-114.13	-2,055.44	-453.48	2,130.16	2,123.07	7.10	300.215		
1,200.00	1,193.06	1,210.52	1,210.44	4.30	3.62	-114.59	-2,054.50	-452.02	2,138.47	2,130.58	7.89	270.956		
1,300.00	1,289.64	1,311.25	1,311.15	4.79	3.96	-115.07	-2,053.32	-450.72	2,148.25	2,139.54	8.71	246.636		
1,400.00	1,385.27	1,413.56	1,413.45	5.33	4.31	-115.61	-2,051.84	-449.73	2,159.59	2,150.02	9.57	225.682		
1,500.00	1,479.82	1,515.81	1,515.67	5.92	4.67	-116.18	-2,049.91	-449.14	2,172.44	2,161.97	10.47	207.553		
1,600.00	1,573.17	1,602.09	1,601.94	6.56	4.96	-116.66	-2,048.24	-448.33	2,187.17	2,175.82	11.35	192.666		
1,700.00	1,665.22	1,681.57	1,681.40	7.26	5.24	-117.14	-2,047.14	-447.63	2,204.46	2,192.21	12.25	179.890		
1,800.00	1,756.74	1,766.73	1,766.55	7.99	5.53	-117.91	-2,046.19	-448.93	2,223.38	2,210.19	13.20	168.480		
1,900.00	1,848.26	1,867.25	1,867.03	8.75	5.88	-118.78	-2,044.97	-451.23	2,242.80	2,228.59	14.20	157.928		
2,000.00	1,939.78	1,961.32	1,961.06	9.51	6.21	-119.58	-2,043.39	-453.43	2,262.24	2,247.05	15.19	148.943		
2,100.00	2,031.30	2,040.95	2,040.67	10.29	6.48	-120.25	-2,042.38	-455.38	2,282.52	2,266.39	16.12	141.552		
2,200.00	2,122.82	2,118.85	2,118.55	11.07	6.76	-120.90	-2,041.86	-457.05	2,303.79	2,286.74	17.05	135.095		
2,300.00	2,214.34	2,192.94	2,192.63	11.86	7.02	-121.53	-2,041.92	-457.99	2,326.17	2,308.21	17.96	129.504		
2,400.00	2,305.85	2,296.98	2,296.67	12.66	7.38	-122.41	-2,042.18	-458.53	2,349.15	2,330.17	18.98	123.757		
2,500.00	2,397.37	2,412.62	2,412.30	13.46	7.79	-123.37	-2,041.66	-459.09	2,371.95	2,351.91	20.04	118.347		
2,600.00	2,488.89	2,540.55	2,540.16	14.26	8.24	-124.35	-2,039.28	-462.44	2,393.81	2,372.66	21.15	113.184		
2,700.00	2,580.41	2,659.25	2,658.68	15.07	8.66	-125.18	-2,035.70	-468.01	2,414.96	2,392.74	22.22	108.674		
2,800.00	2,671.93	2,790.96	2,789.93	15.88	9.13	-126.01	-2,029.87	-477.21	2,434.94	2,411.59	23.35	104.295		
2,900.00	2,763.45	2,876.22	2,874.72	16.69	9.43	-126.50	-2,025.81	-485.16	2,454.84	2,430.54	24.30	101.033		
3,000.00	2,854.97	2,952.09	2,950.10	17.51	9.71	-126.90	-2,022.71	-493.15	2,475.54	2,450.33	25.21	98.197		
3,100.00	2,946.49	3,020.74	3,018.25	18.32	9.96	-127.25	-2,020.62	-501.13	2,497.34	2,471.25	26.09	95.720		
3,200.00	3,038.00	3,136.74	3,133.32	19.14	10.40	-127.79	-2,017.52	-515.50	2,519.65	2,492.48	27.17	92.728		
3,300.00	3,129.52	3,253.12	3,248.43	19.96	10.84	-128.29	-2,012.82	-531.99	2,540.53	2,512.26	28.27	89.881		
3,400.00	3,221.04	3,319.08	3,313.67	20.77	11.09	-128.56	-2,010.57	-541.46	2,562.24	2,533.10	29.14	87.940		
3,500.00	3,312.56	3,386.00	3,380.04	21.59	11.35	-128.86	-2,009.16	-549.85	2,585.38	2,555.38	30.00	86.181		
3,600.00	3,404.08	3,508.15	3,501.49	22.42	11.81	-129.46	-2,006.51	-562.64	2,608.98	2,577.88	31.10	83.891		
3,700.00	3,495.60	3,659.32	3,651.47	23.24	12.39	-130.14	-2,000.28	-580.42	2,630.58	2,598.25	32.33	81.367		
3,800.00	3,587.12	3,718.91	3,710.55	24.06	12.62	-130.39	-1,997.75	-587.77	2,652.21	2,619.06	33.16	79.992		
3,900.00	3,678.63	3,784.66	3,775.82	24.88	12.88	-130.68	-1,995.74	-595.48	2,675.17	2,641.17	34.00	78.685		
4,000.00	3,770.15	3,858.96	3,849.64	25.71	13.16	-131.01	-1,994.14	-603.74	2,699.20	2,664.33	34.87	77.405		
4,100.00	3,861.67	3,978.06	3,968.04	26.53	13.62	-131.54	-1,991.71	-616.37	2,723.64	2,687.69	35.95	75.766		
4,200.00	3,953.19	4,116.18	4,105.29	27.35	14.16	-132.14	-1,986.51	-630.92	2,746.47	2,709.37	37.11	74.017		
4,300.00	4,044.71	4,219.09	4,207.38	28.18	14.56	-132.56	-1,981.90	-643.07	2,768.64	2,730.53	38.11	72.651		
4,400.00	4,136.23	4,296.81	4,284.50	29.01	14.87	-132.88	-1,978.64	-652.11	2,791.23	2,752.24	38.99	71.589		
4,500.00	4,227.75	4,373.33	4,361.74	29.83	15.53	-133.26	-1,974.49	-659.74	2,808.30	2,772.59	35.71	78.638		
4,600.00	4,319.27	4,451.18	4,439.82	30.66	15.92	-133.64	-1,970.32	-667.74	2,823.75	2,787.03	36.72	74.169		
4,700.00	4,410.78	4,529.07	4,517.88	31.48	16.28	-134.02	-1,966.15	-675.74	2,840.06	2,802.25	37.81	69.820		
4,800.00	4,502.30	4,606.96	4,595.93	32.31	16.63	-134.40	-1,962.00	-683.74	2,856.37	2,818.35	38.89	65.594		
4,900.00	4,593.82	4,684.85	4,673.97	33.14	16.97	-134.78	-1,957.84	-691.74	2,872.67	2,834.41	40.26	61.490		
5,000.00	4,685.34	4,762.74	4,751.91	33.96	17.30	-135.16	-1,953.67	-699.74	2,888.97	2,850.55	41.65	57.514		
5,100.00	4,776.86	4,840.63	4,830.05	34.79	17.64	-135.54	-1,949.50	-707.74	2,905.27	2,866.69	43.16	53.666		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 351-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	9,610.85	6,988.09	35.62	58.01	163.77	960.95	-663.20	2,238.29	2,193.47	44.82	49.938		
5,300.00	4,959.90	9,633.94	6,988.13	36.45	58.39	162.91	984.04	-663.34	2,162.13	2,115.50	46.63	46.365		
5,400.00	5,051.41	9,656.98	6,988.17	37.27	58.76	162.04	1,007.08	-663.45	2,087.72	2,039.12	48.60	42.955		
5,500.00	5,142.93	9,679.14	6,988.21	38.10	59.12	161.19	1,029.24	-663.55	2,015.25	1,964.52	50.73	39.724		
5,600.00	5,234.45	9,700.00	6,988.29	38.93	59.46	160.39	1,050.11	-663.65	1,944.98	1,891.95	53.02	36.683		
5,700.00	5,325.97	9,721.27	6,988.41	39.76	59.80	159.57	1,071.38	-663.78	1,877.13	1,821.63	55.50	33.822		
5,800.00	5,417.49	9,742.97	6,988.58	40.59	60.15	158.73	1,093.07	-663.93	1,811.97	1,753.80	58.17	31.150		
5,900.00	5,509.01	9,765.79	6,988.81	41.42	60.53	157.84	1,115.89	-664.12	1,749.80	1,688.75	61.05	28.664		
6,000.00	5,600.53	9,791.72	6,989.07	42.25	60.95	156.82	1,141.82	-664.35	1,690.90	1,626.74	64.16	26.354		
6,100.00	5,692.04	9,817.44	6,989.30	43.07	61.37	155.81	1,167.53	-664.57	1,635.61	1,568.15	67.46	24.247		
6,200.00	5,783.56	9,842.94	6,989.51	43.90	61.79	154.79	1,193.04	-664.78	1,584.32	1,513.40	70.92	22.341		
6,300.00	5,875.08	9,868.44	6,989.68	44.73	62.20	153.77	1,218.54	-664.98	1,537.42	1,462.91	74.51	20.634		
6,400.00	5,966.60	9,893.78	6,989.83	45.56	62.62	152.75	1,243.87	-665.19	1,495.33	1,417.13	78.20	19.123		
6,500.00	6,058.12	9,918.84	6,989.93	46.39	63.03	151.74	1,268.94	-665.38	1,458.48	1,376.56	81.92	17.804		
6,600.00	6,149.64	9,944.23	6,990.01	47.22	63.45	150.72	1,294.32	-665.57	1,427.28	1,341.65	85.63	16.668		
6,700.00	6,241.16	9,973.80	6,990.00	48.05	63.94	149.51	1,323.89	-665.83	1,402.05	1,312.69	89.37	15.689		
6,800.00	6,332.68	10,002.50	6,989.86	48.88	64.41	148.35	1,352.59	-666.13	1,383.12	1,290.20	92.93	14.884		
6,900.00	6,424.19	10,030.42	6,989.60	49.71	64.87	147.21	1,380.50	-666.48	1,370.76	1,274.54	96.23	14.245		
6,972.77	6,489.97	10,052.78	6,989.33	50.34	65.24	150.94	1,402.86	-666.83	1,368.42	1,269.91	98.51	13.891		
7,000.00	6,514.88	10,061.23	6,989.22	50.58	65.38	152.07	1,411.30	-666.99	1,367.55	1,268.22	99.32	13.769 CC, ES		
7,100.00	6,599.14	10,090.58	6,988.81	51.67	65.87	158.28	1,440.65	-667.63	1,386.38	1,284.35	102.03	13.588 SF		
7,200.00	6,673.85	10,117.82	6,988.38	53.01	66.32	161.45	1,467.87	-668.37	1,427.81	1,323.59	104.23	13.699		
7,300.00	6,736.73	10,143.40	6,987.95	54.56	66.75	162.90	1,493.44	-669.21	1,488.86	1,382.92	105.94	14.053		
7,400.00	6,785.87	10,166.14	6,987.57	56.29	67.13	163.09	1,516.16	-670.07	1,565.61	1,458.39	107.22	14.601		
7,500.00	6,819.79	10,185.19	6,987.26	58.13	67.44	161.87	1,535.19	-670.87	1,653.83	1,545.69	108.14	15.293		
7,600.00	6,837.44	10,199.68	6,987.02	60.02	67.69	157.26	1,549.66	-671.54	1,749.44	1,640.68	108.76	16.086		
7,700.00	6,840.00	10,304.47	6,987.39	61.90	69.45	128.63	1,654.12	-679.41	1,848.51	1,736.29	112.22	16.472		
7,800.00	6,840.00	10,333.91	6,988.01	63.83	69.95	124.94	1,683.39	-682.62	1,947.54	1,834.32	113.22	17.202		
7,900.00	6,840.00	10,368.68	6,988.52	65.81	70.54	121.30	1,717.90	-686.76	2,046.48	1,932.09	114.39	17.891		
8,000.00	6,840.00	8,000.00	6,988.31	67.84	30.46	121.68	1,713.71	-686.49	2,145.18	2,070.71	74.47	28.808		
8,100.00	6,840.00	10,436.83	6,988.96	69.91	71.70	115.84	1,785.44	-695.88	2,244.02	2,127.33	116.69	19.230		
8,200.00	6,840.00	10,474.06	6,989.05	72.03	72.33	113.55	1,822.26	-701.36	2,342.63	2,224.67	117.96	19.860		
8,300.00	6,840.00	10,504.86	6,989.06	74.18	72.86	111.91	1,852.69	-706.14	2,441.13	2,322.11	119.02	20.510		
8,400.00	6,840.00	10,536.39	6,989.05	76.37	73.40	110.45	1,883.81	-711.21	2,539.56	2,419.44	120.12	21.142		
8,500.00	6,840.00	10,570.31	6,989.02	78.59	73.98	109.07	1,917.25	-716.88	2,637.89	2,516.59	121.30	21.747		
8,600.00	6,840.00	10,580.87	6,989.00	80.85	74.16	108.68	1,927.66	-718.66	2,736.21	2,614.47	121.73	22.477		
8,700.00	6,840.00	10,592.66	6,988.97	83.13	74.37	108.26	1,939.28	-720.62	2,834.57	2,712.36	122.21	23.195		
8,800.00	6,840.00	10,604.19	6,988.94	85.44	74.57	107.86	1,950.66	-722.53	2,932.97	2,810.31	122.67	23.910		
8,900.00	6,840.00	10,615.47	6,988.91	87.77	74.76	107.49	1,961.79	-724.37	3,031.42	2,908.30	123.12	24.621		
9,000.00	6,840.00	10,626.51	6,988.87	90.12	74.95	107.13	1,972.68	-726.15	3,129.91	3,006.34	123.57	25.330		
9,100.00	6,840.00	10,637.31	6,988.82	92.50	75.14	106.80	1,983.35	-727.87	3,228.43	3,104.43	124.00	26.035		
9,200.00	6,840.00	10,647.89	6,988.77	94.89	75.32	106.49	1,993.79	-729.54	3,326.99	3,202.56	124.43	26.738		
9,300.00	6,840.00	10,658.00	6,988.72	97.30	75.49	106.20	2,003.78	-731.11	3,425.58	3,300.74	124.84	27.439		
9,400.00	6,840.00	10,658.00	6,988.72	99.73	75.49	106.20	2,003.78	-731.11	3,524.23	3,399.32	124.91	28.215		
9,500.00	6,840.00	10,675.25	6,988.63	102.17	75.79	105.73	2,020.82	-733.76	3,622.88	3,497.32	125.56	28.853		
9,600.00	6,840.00	10,683.45	6,988.60	104.63	75.93	105.51	2,028.93	-734.99	3,721.58	3,595.67	125.91	29.558		
9,700.00	6,840.00	10,691.45	6,988.57	107.10	76.07	105.31	2,036.84	-736.17	3,820.32	3,694.08	126.25	30.261		
9,800.00	6,840.00	10,699.25	6,988.54	109.58	76.20	105.11	2,044.56	-737.32	3,919.10	3,792.52	126.58	30.962		
9,900.00	6,840.00	10,706.87	6,988.52	112.07	76.33	104.93	2,052.10	-738.42	4,017.90	3,891.00	126.90	31.662		
10,000.00	6,840.00	10,714.31	6,988.50	114.58	76.46	104.75	2,059.46	-739.48	4,116.73	3,989.52	127.22	32.360		
10,100.00	6,840.00	10,721.58	6,988.49	117.09	76.59	104.58	2,066.66	-740.50	4,215.60	4,088.07	127.53	33.057		
10,200.00	6,840.00	10,728.67	6,988.47	119.61	76.71	104.42	2,073.68	-741.49	4,314.49	4,186.66	127.83	33.752		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 351-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	10,748.00	6,988.45	122.14	77.04	104.00	2,092.83	-744.13	4,413.45	4,284.88	128.57	34.328		
10,400.00	6,840.00	10,748.00	6,988.45	124.68	77.04	104.00	2,092.83	-744.13	4,512.37	4,383.75	128.62	35.083		
10,500.00	6,840.00	10,748.00	6,988.45	127.23	77.04	104.00	2,092.83	-744.13	4,611.33	4,482.66	128.67	35.839		
10,600.00	6,840.00	10,748.00	6,988.45	129.78	77.04	104.00	2,092.83	-744.13	4,710.34	4,581.62	128.72	36.594		
10,700.00	6,840.00	10,748.00	6,988.45	132.35	77.04	104.00	2,092.83	-744.13	4,809.39	4,680.62	128.76	37.350		
10,800.00	6,840.00	10,748.00	6,988.45	134.91	77.04	104.00	2,092.83	-744.13	4,908.47	4,779.66	128.81	38.106		
10,900.00	6,840.00	10,748.00	6,988.45	137.49	77.04	104.00	2,092.83	-744.13	5,007.60	4,878.74	128.86	38.862		
11,000.00	6,840.00	10,775.24	6,988.38	140.07	77.51	103.45	2,119.84	-747.66	5,106.57	4,976.68	129.88	39.316		
11,100.00	6,840.00	10,780.13	6,988.35	142.65	77.60	103.35	2,124.69	-748.27	5,205.68	5,075.58	130.11	40.011		
11,200.00	6,840.00	10,784.91	6,988.32	145.24	77.68	103.26	2,129.43	-748.85	5,304.82	5,174.50	130.32	40.705		
11,300.00	6,840.00	10,789.57	6,988.29	147.83	77.76	103.17	2,134.06	-749.42	5,403.98	5,273.44	130.54	41.398		
11,400.00	6,840.00	10,794.13	6,988.25	150.43	77.84	103.08	2,138.59	-749.97	5,503.16	5,372.41	130.75	42.090		
11,500.00	6,840.00	10,798.58	6,988.21	153.04	77.91	103.00	2,143.01	-750.50	5,602.36	5,471.41	130.95	42.781		
11,600.00	6,840.00	10,802.93	6,988.17	155.64	77.99	102.91	2,147.33	-751.00	5,701.58	5,570.42	131.16	43.472		
11,700.00	6,840.00	10,807.18	6,988.13	158.26	78.06	102.83	2,151.55	-751.50	5,800.81	5,669.46	131.35	44.162		
11,800.00	6,840.00	10,811.34	6,988.09	160.87	78.13	102.76	2,155.68	-751.97	5,900.07	5,768.52	131.55	44.851		
11,900.00	6,840.00	10,838.00	6,987.73	163.49	78.59	102.28	2,182.18	-754.89	5,999.46	5,866.89	132.57	45.254		
12,000.00	6,840.00	10,838.00	6,987.73	166.11	78.59	102.28	2,182.18	-754.89	6,098.71	5,966.09	132.61	45.988		
12,100.00	6,840.00	10,838.00	6,987.73	168.74	78.59	102.28	2,182.18	-754.89	6,197.98	6,065.32	132.66	46.722		
12,200.00	6,840.00	10,838.00	6,987.73	171.37	78.59	102.28	2,182.18	-754.89	6,297.27	6,164.57	132.70	47.455		
12,300.00	6,840.00	10,838.00	6,987.73	174.00	78.59	102.28	2,182.18	-754.89	6,396.58	6,263.84	132.74	48.188		
12,400.00	6,840.00	10,838.00	6,987.73	176.63	78.59	102.28	2,182.18	-754.89	6,495.92	6,363.14	132.78	48.921		
12,500.00	6,840.00	10,838.00	6,987.73	179.27	78.59	102.28	2,182.18	-754.89	6,595.28	6,462.45	132.82	49.654		
12,600.00	6,840.00	10,838.00	6,987.73	181.91	78.59	102.28	2,182.18	-754.89	6,694.65	6,561.79	132.87	50.387		
12,700.00	6,840.00	10,838.00	6,987.73	184.55	78.59	102.28	2,182.18	-754.89	6,794.04	6,661.14	132.91	51.119		
12,800.00	6,840.00	10,838.00	6,987.73	187.19	78.59	102.28	2,182.18	-754.89	6,893.46	6,760.51	132.95	51.851		
12,900.00	6,840.00	10,838.00	6,987.73	189.84	78.59	102.28	2,182.18	-754.89	6,992.88	6,859.89	132.99	52.582		
13,000.00	6,840.00	10,838.00	6,987.73	192.48	78.59	102.28	2,182.18	-754.89	7,092.33	6,959.30	133.03	53.314		
13,100.00	6,840.00	10,863.50	6,987.43	195.13	79.03	101.85	2,207.54	-757.50	7,191.67	7,057.65	134.02	53.661		
13,200.00	6,840.00	10,867.50	6,987.39	197.79	79.10	101.79	2,211.53	-757.90	7,291.11	7,156.90	134.21	54.326		
13,300.00	6,840.00	10,871.44	6,987.37	200.44	79.17	101.73	2,215.44	-758.29	7,390.55	7,256.15	134.40	54.990		
13,400.00	6,840.00	10,875.31	6,987.35	203.10	79.24	101.67	2,219.30	-758.67	7,490.01	7,355.42	134.59	55.652		
13,500.00	6,840.00	10,879.13	6,987.33	205.75	79.30	101.61	2,223.09	-759.04	7,589.47	7,454.70	134.77	56.314		
13,600.00	6,840.00	10,882.88	6,987.32	208.41	79.37	101.56	2,226.82	-759.40	7,688.94	7,553.99	134.95	56.975		
13,700.00	6,840.00	10,886.57	6,987.31	211.07	79.43	101.50	2,230.50	-759.75	7,788.42	7,653.29	135.13	57.636		
13,800.00	6,840.00	10,890.20	6,987.30	213.74	79.49	101.45	2,234.12	-760.09	7,887.91	7,752.60	135.31	58.295		
13,900.00	6,840.00	10,893.78	6,987.30	216.40	79.55	101.40	2,237.68	-760.43	7,987.41	7,851.93	135.49	58.953		
14,000.00	6,840.00	10,897.31	6,987.31	219.06	79.61	101.35	2,241.19	-760.76	8,086.92	7,951.26	135.66	59.611		
14,100.00	6,840.00	10,900.78	6,987.31	221.73	79.67	101.30	2,244.64	-761.08	8,186.43	8,050.60	135.83	60.268		
14,200.00	6,840.00	10,927.00	6,987.47	224.40	80.13	100.96	2,270.76	-763.41	8,286.04	8,149.18	136.86	60.542		
14,300.00	6,840.00	10,927.00	6,987.47	227.07	80.13	100.96	2,270.76	-763.41	8,385.55	8,248.64	136.91	61.250		
14,400.00	6,840.00	10,927.00	6,987.47	229.74	80.13	100.96	2,270.76	-763.41	8,485.06	8,348.11	136.95	61.957		
14,500.00	6,840.00	10,927.00	6,987.47	232.41	80.13	100.96	2,270.76	-763.41	8,584.59	8,447.60	136.99	62.664		
14,600.00	6,840.00	10,927.00	6,987.47	235.08	80.13	100.96	2,270.76	-763.41	8,684.13	8,547.09	137.04	63.371		
14,700.00	6,840.00	10,927.00	6,987.47	237.75	80.13	100.96	2,270.76	-763.41	8,783.68	8,646.60	137.08	64.077		
14,800.00	6,840.00	10,927.00	6,987.47	240.43	80.13	100.96	2,270.76	-763.41	8,883.24	8,746.12	137.12	64.782		
14,900.00	6,840.00	10,927.00	6,987.47	243.10	80.13	100.96	2,270.76	-763.41	8,982.81	8,845.64	137.17	65.487		
15,000.00	6,840.00	10,927.00	6,987.47	245.78	80.13	100.96	2,270.76	-763.41	9,082.39	8,945.17	137.21	66.192		
15,100.00	6,840.00	10,927.00	6,987.47	248.46	80.13	100.96	2,270.76	-763.41	9,181.98	9,044.72	137.26	66.896		
15,200.00	6,840.00	10,927.00	6,987.47	251.14	80.13	100.96	2,270.76	-763.41	9,281.57	9,144.27	137.30	67.599		
15,300.00	6,840.00	10,927.00	6,987.47	253.82	80.13	100.96	2,270.76	-763.41	9,381.18	9,243.83	137.35	68.302		
15,400.00	6,840.00	10,927.00	6,987.47	256.50	80.13	100.96	2,270.76	-763.41	9,480.79	9,343.40	137.39	69.005		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
SEC 25-T4N-R65W - EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SURVEY												<b>Offset Well Error:</b>	0.00 usft
Survey Program: 351-MWD OWSG													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	6,840.00	10,927.00	6,987.47	259.18	80.13	100.96	2,270.76	-763.41	9,580.41	9,442.97	137.44	69.707	
15,600.00	6,840.00	10,927.00	6,987.47	261.86	80.13	100.96	2,270.76	-763.41	9,680.04	9,542.56	137.48	70.409	
15,700.00	6,840.00	10,927.00	6,987.47	264.54	80.13	100.96	2,270.76	-763.41	9,779.68	9,642.15	137.53	71.109	
15,800.00	6,840.00	10,927.00	6,987.47	267.23	80.13	100.96	2,270.76	-763.41	9,879.32	9,741.75	137.58	71.810	
15,900.00	6,840.00	10,957.02	6,987.88	269.91	80.64	100.61	2,300.68	-765.91	9,978.84	9,840.08	138.76	71.917	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 660-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	37.00	-37.00	0.00	0.06	-38.09	2,666.43	-2,090.08	3,387.96					
100.00	100.00	63.00	63.00	0.13	0.11	-38.09	2,666.43	-2,090.08	3,387.96	3,387.72	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.09	2,666.43	-2,090.08	3,387.96	3,387.19	0.77	4,389.841		
300.00	300.00	263.00	263.00	0.85	0.45	-38.09	2,666.43	-2,090.08	3,387.96	3,386.66	1.30	2,603.454		
400.00	400.00	363.00	363.00	1.21	0.62	-38.09	2,666.43	-2,090.08	3,387.96	3,386.13	1.83	1,850.442		
500.00	500.00	463.00	463.00	1.57	0.79	-38.09	2,666.43	-2,090.08	3,387.96	3,385.60	2.36	1,435.301		
600.00	599.98	562.98	562.98	1.92	0.96	16.54	2,666.43	-2,090.08	3,386.29	3,383.40	2.89	1,172.836		
700.00	699.84	662.84	662.84	2.28	1.13	16.59	2,666.43	-2,090.08	3,381.27	3,377.86	3.42	990.038		
800.00	799.45	747.56	747.55	2.65	1.44	16.69	2,667.11	-2,089.62	3,373.20	3,369.12	4.08	826.111		
900.00	898.70	847.04	847.03	3.02	1.80	16.84	2,668.32	-2,088.78	3,361.96	3,357.16	4.80	700.026		
1,000.00	997.47	946.04	946.01	3.42	2.15	17.02	2,669.54	-2,087.91	3,347.41	3,341.89	5.52	605.941		
1,100.00	1,095.62	1,042.48	1,042.44	3.84	2.50	17.25	2,670.73	-2,087.07	3,329.59	3,323.35	6.24	533.408		
1,200.00	1,193.06	1,136.21	1,136.16	4.30	2.83	17.51	2,671.81	-2,086.50	3,308.61	3,301.65	6.96	475.617		
1,300.00	1,289.64	1,229.23	1,229.18	4.79	3.16	17.80	2,672.78	-2,086.25	3,284.51	3,276.83	7.68	427.928		
1,400.00	1,385.27	1,325.91	1,325.86	5.33	3.51	18.15	2,673.65	-2,086.27	3,257.29	3,248.88	8.41	387.088		
1,500.00	1,479.82	1,473.19	1,473.06	5.92	4.03	18.70	2,675.90	-2,083.44	3,226.38	3,217.04	9.34	345.496		
1,600.00	1,573.17	1,586.37	1,585.98	6.56	4.44	19.34	2,679.22	-2,076.62	3,191.07	3,180.91	10.16	314.224		
1,700.00	1,665.22	1,718.21	1,717.14	7.26	4.92	20.19	2,684.84	-2,064.67	3,152.24	3,141.18	11.06	285.000		
1,800.00	1,756.74	1,843.79	1,840.99	7.99	5.41	20.94	2,693.25	-2,045.80	3,110.90	3,098.94	11.96	260.060		
1,900.00	1,848.26	1,925.11	1,920.67	8.75	5.74	21.50	2,700.10	-2,031.05	3,069.49	3,056.75	12.74	240.959		
2,000.00	1,939.78	2,019.90	2,013.22	9.51	6.14	22.20	2,708.90	-2,012.54	3,028.31	3,014.71	13.60	222.738		
2,100.00	2,031.30	2,134.70	2,124.58	10.29	6.66	23.13	2,720.40	-1,987.21	2,986.75	2,972.17	14.58	204.897		
2,200.00	2,122.82	2,191.86	2,179.62	11.07	6.93	23.64	2,727.08	-1,973.29	2,945.75	2,930.40	15.35	191.901		
2,300.00	2,214.34	2,252.42	2,237.81	11.86	7.23	24.19	2,734.85	-1,958.43	2,905.96	2,889.81	16.16	179.849		
2,400.00	2,305.85	2,400.00	2,356.52	12.66	7.94	25.26	2,748.22	-1,931.53	2,866.54	2,849.16	17.38	164.922		
2,500.00	2,397.37	2,478.14	2,456.25	13.46	8.34	26.21	2,758.60	-1,906.92	2,826.02	2,807.71	18.31	154.344		
2,600.00	2,488.89	2,537.35	2,513.04	14.26	8.65	26.81	2,765.67	-1,891.74	2,786.75	2,767.56	19.19	145.248		
2,700.00	2,580.41	2,603.41	2,576.39	15.07	9.01	27.48	2,774.04	-1,875.00	2,748.72	2,728.60	20.12	136.628		
2,800.00	2,671.93	2,724.78	2,692.79	15.88	9.68	28.74	2,788.88	-1,843.99	2,710.97	2,689.61	21.37	126.883		
2,900.00	2,763.45	2,820.30	2,783.25	16.69	10.23	29.84	2,801.18	-1,815.91	2,672.88	2,650.34	22.54	118.598		
3,000.00	2,854.97	2,888.94	2,848.08	17.51	10.65	30.66	2,810.35	-1,795.32	2,635.77	2,612.17	23.59	111.718		
3,100.00	2,946.49	2,957.71	2,913.09	18.32	11.07	31.49	2,819.75	-1,774.93	2,599.86	2,575.19	24.67	105.380		
3,200.00	3,038.00	3,038.85	2,990.19	19.14	11.55	32.47	2,830.50	-1,752.10	2,565.06	2,539.23	25.83	99.323		
3,300.00	3,129.52	3,122.46	3,070.53	19.96	12.03	33.43	2,840.33	-1,731.11	2,530.99	2,504.00	26.99	93.769		
3,400.00	3,221.04	3,206.93	3,151.68	20.77	12.50	34.42	2,850.25	-1,709.92	2,497.75	2,469.58	28.17	88.674		
3,500.00	3,312.56	3,294.74	3,237.02	21.59	12.97	35.39	2,859.05	-1,691.19	2,465.15	2,435.80	29.34	84.008		
3,600.00	3,404.08	3,375.35	3,315.81	22.42	13.37	36.26	2,866.41	-1,675.83	2,433.25	2,402.78	30.47	79.848		
3,700.00	3,495.60	3,445.83	3,384.65	23.24	13.73	37.03	2,873.22	-1,662.33	2,402.46	2,370.90	31.57	76.106		
3,800.00	3,587.12	3,562.21	3,497.97	24.06	14.33	38.38	2,884.62	-1,638.38	2,372.16	2,339.23	32.93	72.038		
3,900.00	3,678.63	3,627.15	3,560.94	24.88	14.68	39.17	2,891.27	-1,624.03	2,342.60	2,308.54	34.06	68.769		
4,000.00	3,770.15	3,686.22	3,618.06	25.71	15.01	39.92	2,897.86	-1,610.48	2,314.57	2,279.38	35.19	65.777		
4,100.00	3,861.67	3,762.68	3,691.70	26.53	15.45	40.92	2,907.44	-1,592.30	2,288.40	2,251.96	36.44	62.795		
4,200.00	3,953.19	3,867.65	3,791.97	27.35	16.08	42.39	2,920.28	-1,564.02	2,262.40	2,224.46	37.94	59.631		
4,300.00	4,044.71	3,938.84	3,859.32	28.18	16.53	43.45	2,929.47	-1,542.85	2,237.79	2,198.54	39.26	57.004		
4,400.00	4,136.23	4,018.95	3,935.00	29.01	17.05	44.66	2,940.00	-1,518.78	2,214.68	2,174.01	40.66	54.464		
4,500.00	4,227.75	4,103.80	4,015.55	29.83	17.58	45.94	2,950.86	-1,494.46	2,192.88	2,150.78	42.10	52.090		
4,600.00	4,319.27	4,247.64	4,154.34	30.66	18.40	47.99	2,965.59	-1,459.81	2,170.63	2,126.77	43.86	49.485		
4,700.00	4,410.78	4,336.51	4,240.35	31.48	18.89	49.26	2,973.70	-1,439.02	2,148.98	2,103.71	45.26	47.476		
4,800.00	4,502.30	4,449.14	4,350.09	32.31	19.48	50.83	2,982.61	-1,415.31	2,127.69	2,080.91	46.78	45.482		
4,900.00	4,593.82	4,542.73	4,441.98	33.14	19.93	52.08	2,988.83	-1,398.68	2,106.65	2,058.51	48.15	43.753		
5,000.00	4,685.34	4,628.31	4,526.23	33.96	20.33	53.22	2,994.46	-1,384.71	2,086.68	2,037.22	49.46	42.187		
5,100.00	4,776.86	4,731.20	4,627.77	34.79	20.78	54.56	3,000.92	-1,369.46	2,067.55	2,016.71	50.84	40.667		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 660-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,833.30	4,729.00	35.62	21.20	55.84	3,006.20	-1,357.22	2,048.41	1,996.23	52.18	39.257		
5,300.00	4,959.90	4,917.52	4,812.70	36.45	21.53	56.87	3,010.46	-1,348.98	2,030.06	1,976.64	53.42	38.000		
5,400.00	5,051.41	5,038.36	4,933.05	37.27	21.97	58.29	3,016.46	-1,339.96	2,012.56	1,957.79	54.76	36.750		
5,500.00	5,142.93	5,211.01	5,105.57	38.10	22.48	60.15	3,018.82	-1,335.63	1,991.74	1,935.64	56.10	35.506		
5,600.00	5,234.45	5,302.87	5,197.44	38.93	22.72	61.11	3,018.81	-1,335.34	1,970.64	1,913.38	57.26	34.418		
5,700.00	5,325.97	5,394.75	5,289.32	39.76	22.97	62.09	3,018.78	-1,335.07	1,950.13	1,891.71	58.42	33.379		
5,800.00	5,417.49	5,489.50	5,384.06	40.59	23.22	63.12	3,018.69	-1,334.86	1,930.20	1,870.60	59.60	32.388		
5,900.00	5,509.01	5,587.21	5,481.77	41.42	23.48	64.19	3,018.36	-1,334.92	1,910.65	1,849.88	60.77	31.440		
6,000.00	5,600.53	5,684.99	5,579.55	42.25	23.73	65.28	3,017.74	-1,335.29	1,891.47	1,829.52	61.95	30.532		
6,100.00	5,692.04	5,772.00	5,666.56	43.07	23.96	66.26	3,017.09	-1,335.93	1,872.80	1,809.68	63.12	29.668		
6,200.00	5,783.56	5,852.01	5,746.56	43.90	24.16	67.15	3,017.02	-1,336.94	1,855.32	1,791.03	64.29	28.858		
6,300.00	5,875.08	5,932.63	5,827.16	44.73	24.37	68.05	3,017.56	-1,338.41	1,839.09	1,773.63	65.46	28.095		
6,400.00	5,966.60	6,018.14	5,912.64	45.56	24.59	69.00	3,018.78	-1,340.46	1,824.09	1,757.46	66.63	27.377		
6,500.00	6,058.12	6,138.15	6,032.61	46.39	24.91	70.36	3,018.97	-1,343.33	1,808.47	1,740.64	67.83	26.661		
6,600.00	6,149.64	6,206.21	6,100.67	47.22	25.10	71.18	3,019.12	-1,343.87	1,794.13	1,725.11	69.01	25.996		
6,700.00	6,241.16	6,281.99	6,176.44	48.05	25.32	72.13	3,019.97	-1,343.21	1,781.75	1,711.54	70.21	25.379		
6,800.00	6,332.68	6,348.63	6,243.06	48.88	25.52	72.98	3,020.85	-1,342.15	1,770.73	1,699.35	71.38	24.807		
6,900.00	6,424.19	6,388.00	6,282.40	49.71	25.65	73.47	3,022.41	-1,341.66	1,762.81	1,690.36	72.45	24.332		
6,987.47	6,503.04	6,412.91	6,307.24	50.47	25.73	73.39	3,024.19	-1,341.34	1,760.34	1,687.02	73.32	24.008		
7,000.00	6,514.88	6,416.23	6,310.54	50.58	25.74	80.02	3,024.50	-1,341.29	1,759.68	1,686.24	73.44	23.962 CC, ES		
7,100.00	6,599.14	6,436.00	6,330.19	51.67	25.81	87.02	3,026.69	-1,340.96	1,766.65	1,692.09	74.57	23.692		
7,200.00	6,673.85	6,464.81	6,358.69	53.01	25.91	90.17	3,030.84	-1,340.42	1,784.27	1,708.31	75.96	23.491		
7,300.00	6,736.73	6,483.00	6,376.61	54.56	25.97	90.46	3,033.99	-1,340.07	1,812.13	1,734.68	77.44	23.399		
7,400.00	6,785.87	6,501.56	6,394.81	56.29	26.04	88.74	3,037.62	-1,339.69	1,849.34	1,770.29	79.05	23.395 SF		
7,500.00	6,819.79	6,512.46	6,405.45	58.13	26.09	85.06	3,039.94	-1,339.45	1,894.65	1,814.02	80.63	23.497		
7,600.00	6,837.44	6,531.00	6,423.49	60.02	26.15	80.14	3,044.19	-1,339.01	1,946.58	1,864.31	82.27	23.661		
7,700.00	6,840.00	6,531.00	6,423.49	61.90	26.15	76.53	3,044.19	-1,339.01	2,002.99	1,919.36	83.64	23.948		
7,800.00	6,840.00	6,531.00	6,423.49	63.83	26.15	76.53	3,044.19	-1,339.01	2,062.79	1,977.90	84.89	24.300		
7,900.00	6,840.00	6,531.00	6,423.49	65.81	26.15	76.53	3,044.19	-1,339.01	2,125.61	2,039.58	86.02	24.710		
8,000.00	6,840.00	6,515.70	6,408.61	67.84	26.10	75.99	3,040.65	-1,339.38	2,191.03	2,104.13	86.90	25.214		
8,100.00	6,840.00	6,514.99	6,407.92	69.91	26.09	75.96	3,040.50	-1,339.39	2,259.12	2,171.30	87.82	25.725		
8,200.00	6,840.00	6,514.28	6,407.22	72.03	26.09	75.94	3,040.34	-1,339.41	2,329.52	2,240.87	88.65	26.278		
8,300.00	6,840.00	6,513.57	6,406.54	74.18	26.09	75.91	3,040.18	-1,339.43	2,402.02	2,312.62	89.40	26.869		
8,400.00	6,840.00	6,512.87	6,405.86	76.37	26.09	75.89	3,040.03	-1,339.44	2,476.44	2,386.36	90.07	27.494		
8,500.00	6,840.00	6,512.18	6,405.18	78.59	26.08	75.87	3,039.88	-1,339.46	2,552.60	2,461.92	90.68	28.150		
8,600.00	6,840.00	6,511.49	6,404.51	80.85	26.08	75.84	3,039.73	-1,339.47	2,630.36	2,539.13	91.22	28.834		
8,700.00	6,840.00	6,510.81	6,403.84	83.13	26.08	75.82	3,039.58	-1,339.49	2,709.58	2,617.86	91.72	29.543		
8,800.00	6,840.00	6,510.13	6,403.17	85.44	26.08	75.79	3,039.43	-1,339.50	2,790.13	2,697.97	92.16	30.275		
8,900.00	6,840.00	6,509.45	6,402.52	87.77	26.07	75.77	3,039.29	-1,339.52	2,871.91	2,779.35	92.56	31.027		
9,000.00	6,840.00	6,508.78	6,401.86	90.12	26.07	75.75	3,039.14	-1,339.54	2,954.80	2,861.88	92.92	31.798		
9,100.00	6,840.00	6,508.11	6,401.21	92.50	26.07	75.72	3,039.00	-1,339.55	3,038.73	2,945.48	93.25	32.587		
9,200.00	6,840.00	6,507.45	6,400.56	94.89	26.07	75.70	3,038.86	-1,339.56	3,123.60	3,030.05	93.55	33.391		
9,300.00	6,840.00	6,506.80	6,399.92	97.30	26.06	75.68	3,038.72	-1,339.58	3,209.34	3,115.53	93.82	34.209		
9,400.00	6,840.00	6,506.14	6,399.29	99.73	26.06	75.65	3,038.58	-1,339.59	3,295.89	3,201.83	94.06	35.040		
9,500.00	6,840.00	6,505.50	6,398.65	102.17	26.06	75.63	3,038.44	-1,339.61	3,383.18	3,288.89	94.28	35.884		
9,600.00	6,840.00	6,504.85	6,398.02	104.63	26.06	75.61	3,038.31	-1,339.62	3,471.15	3,376.67	94.48	36.738		
9,700.00	6,840.00	6,504.22	6,397.40	107.10	26.05	75.59	3,038.17	-1,339.64	3,559.76	3,465.09	94.67	37.603		
9,800.00	6,840.00	6,503.58	6,396.78	109.58	26.05	75.56	3,038.04	-1,339.65	3,648.95	3,554.12	94.84	38.476		
9,900.00	6,840.00	6,502.95	6,396.16	112.07	26.05	75.54	3,037.91	-1,339.66	3,738.70	3,643.71	94.99	39.359		
10,000.00	6,840.00	6,502.32	6,395.55	114.58	26.05	75.52	3,037.78	-1,339.68	3,828.95	3,733.82	95.13	40.249		
10,100.00	6,840.00	6,501.70	6,394.94	117.09	26.04	75.50	3,037.65	-1,339.69	3,919.67	3,824.41	95.26	41.147		
10,200.00	6,840.00	6,501.09	6,394.34	119.61	26.04	75.48	3,037.52	-1,339.70	4,010.84	3,915.46	95.38	42.051		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 660-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,500.47	6,393.74	122.14	26.04	75.45	3,037.40	-1,339.72	4,102.41	4,006.92	95.49	42.962		
10,400.00	6,840.00	6,499.86	6,393.14	124.68	26.04	75.43	3,037.27	-1,339.73	4,194.37	4,098.78	95.59	43.879		
10,500.00	6,840.00	6,499.26	6,392.55	127.23	26.04	75.41	3,037.15	-1,339.74	4,286.69	4,191.01	95.68	44.801		
10,600.00	6,840.00	6,498.66	6,391.96	129.78	26.03	75.39	3,037.03	-1,339.75	4,379.35	4,283.58	95.77	45.728		
10,700.00	6,840.00	6,483.00	6,376.61	132.35	25.97	74.84	3,033.99	-1,340.07	4,472.41	4,376.70	95.70	46.732		
10,800.00	6,840.00	6,483.00	6,376.61	134.91	25.97	74.84	3,033.99	-1,340.07	4,565.67	4,469.89	95.78	47.666		
10,900.00	6,840.00	6,483.00	6,376.61	137.49	25.97	74.84	3,033.99	-1,340.07	4,659.21	4,563.35	95.86	48.605		
11,000.00	6,840.00	6,483.00	6,376.61	140.07	25.97	74.84	3,033.99	-1,340.07	4,753.02	4,657.09	95.93	49.547		
11,100.00	6,840.00	6,483.00	6,376.61	142.65	25.97	74.84	3,033.99	-1,340.07	4,847.07	4,751.07	96.00	50.492		
11,200.00	6,840.00	6,483.00	6,376.61	145.24	25.97	74.84	3,033.99	-1,340.07	4,941.35	4,845.30	96.06	51.441		
11,300.00	6,840.00	6,483.00	6,376.61	147.83	25.97	74.84	3,033.99	-1,340.07	5,035.86	4,939.74	96.12	52.393		
11,400.00	6,840.00	6,483.00	6,376.61	150.43	25.97	74.84	3,033.99	-1,340.07	5,130.57	5,034.40	96.17	53.347		
11,500.00	6,840.00	6,483.00	6,376.61	153.04	25.97	74.84	3,033.99	-1,340.07	5,225.49	5,129.26	96.23	54.304		
11,600.00	6,840.00	6,483.00	6,376.61	155.64	25.97	74.84	3,033.99	-1,340.07	5,320.58	5,224.31	96.28	55.264		
11,700.00	6,840.00	6,483.00	6,376.61	158.26	25.97	74.84	3,033.99	-1,340.07	5,415.86	5,319.53	96.32	56.225		
11,800.00	6,840.00	6,483.00	6,376.61	160.87	25.97	74.84	3,033.99	-1,340.07	5,511.30	5,414.93	96.37	57.189		
11,900.00	6,840.00	6,483.00	6,376.61	163.49	25.97	74.84	3,033.99	-1,340.07	5,606.90	5,510.49	96.41	58.154		
12,000.00	6,840.00	6,483.00	6,376.61	166.11	25.97	74.84	3,033.99	-1,340.07	5,702.65	5,606.20	96.46	59.122		
12,100.00	6,840.00	6,483.00	6,376.61	168.74	25.97	74.84	3,033.99	-1,340.07	5,798.55	5,702.05	96.50	60.091		
12,200.00	6,840.00	6,483.00	6,376.61	171.37	25.97	74.84	3,033.99	-1,340.07	5,894.58	5,798.04	96.54	61.061		
12,300.00	6,840.00	6,483.00	6,376.61	174.00	25.97	74.84	3,033.99	-1,340.07	5,990.74	5,894.17	96.57	62.033		
12,400.00	6,840.00	6,483.00	6,376.61	176.63	25.97	74.84	3,033.99	-1,340.07	6,087.03	5,990.42	96.61	63.007		
12,500.00	6,840.00	6,483.00	6,376.61	179.27	25.97	74.84	3,033.99	-1,340.07	6,183.43	6,086.78	96.64	63.981		
12,600.00	6,840.00	6,483.00	6,376.61	181.91	25.97	74.84	3,033.99	-1,340.07	6,279.94	6,183.27	96.68	64.957		
12,700.00	6,840.00	6,483.00	6,376.61	184.55	25.97	74.84	3,033.99	-1,340.07	6,376.57	6,279.85	96.71	65.933		
12,800.00	6,840.00	6,483.00	6,376.61	187.19	25.97	74.84	3,033.99	-1,340.07	6,473.29	6,376.55	96.75	66.911		
12,900.00	6,840.00	6,483.00	6,376.61	189.84	25.97	74.84	3,033.99	-1,340.07	6,570.12	6,473.34	96.78	67.889		
13,000.00	6,840.00	6,483.00	6,376.61	192.48	25.97	74.84	3,033.99	-1,340.07	6,667.03	6,570.22	96.81	68.868		
13,100.00	6,840.00	6,483.00	6,376.61	195.13	25.97	74.84	3,033.99	-1,340.07	6,764.04	6,667.20	96.84	69.848		
13,200.00	6,840.00	6,483.00	6,376.61	197.79	25.97	74.84	3,033.99	-1,340.07	6,861.13	6,764.26	96.87	70.828		
13,300.00	6,840.00	6,483.00	6,376.61	200.44	25.97	74.84	3,033.99	-1,340.07	6,958.31	6,861.41	96.90	71.809		
13,400.00	6,840.00	6,483.00	6,376.61	203.10	25.97	74.84	3,033.99	-1,340.07	7,055.56	6,958.63	96.93	72.790		
13,500.00	6,840.00	6,483.00	6,376.61	205.75	25.97	74.84	3,033.99	-1,340.07	7,152.89	7,055.93	96.96	73.772		
13,600.00	6,840.00	6,483.00	6,376.61	208.41	25.97	74.84	3,033.99	-1,340.07	7,250.30	7,153.31	96.99	74.754		
13,700.00	6,840.00	6,483.00	6,376.61	211.07	25.97	74.84	3,033.99	-1,340.07	7,347.77	7,250.75	97.02	75.737		
13,800.00	6,840.00	6,483.00	6,376.61	213.74	25.97	74.84	3,033.99	-1,340.07	7,445.31	7,348.26	97.05	76.720		
13,900.00	6,840.00	6,483.00	6,376.61	216.40	25.97	74.84	3,033.99	-1,340.07	7,542.91	7,445.84	97.07	77.703		
14,000.00	6,840.00	6,483.00	6,376.61	219.06	25.97	74.84	3,033.99	-1,340.07	7,640.58	7,543.47	97.10	78.686		
14,100.00	6,840.00	6,483.00	6,376.61	221.73	25.97	74.84	3,033.99	-1,340.07	7,738.30	7,641.17	97.13	79.669		
14,200.00	6,840.00	6,483.00	6,376.61	224.40	25.97	74.84	3,033.99	-1,340.07	7,836.09	7,738.93	97.16	80.652		
14,300.00	6,840.00	6,483.00	6,376.61	227.07	25.97	74.84	3,033.99	-1,340.07	7,933.92	7,836.74	97.19	81.636		
14,400.00	6,840.00	6,483.00	6,376.61	229.74	25.97	74.84	3,033.99	-1,340.07	8,031.82	7,934.60	97.22	82.619		
14,500.00	6,840.00	6,483.00	6,376.61	232.41	25.97	74.84	3,033.99	-1,340.07	8,129.76	8,032.51	97.24	83.602		
14,600.00	6,840.00	6,483.00	6,376.61	235.08	25.97	74.84	3,033.99	-1,340.07	8,227.75	8,130.48	97.27	84.585		
14,700.00	6,840.00	6,483.00	6,376.61	237.75	25.97	74.84	3,033.99	-1,340.07	8,325.79	8,228.49	97.30	85.569		
14,800.00	6,840.00	6,483.00	6,376.61	240.43	25.97	74.84	3,033.99	-1,340.07	8,423.88	8,326.55	97.33	86.551		
14,900.00	6,840.00	6,483.00	6,376.61	243.10	25.97	74.84	3,033.99	-1,340.07	8,522.01	8,424.65	97.36	87.534		
15,000.00	6,840.00	6,483.00	6,376.61	245.78	25.97	74.84	3,033.99	-1,340.07	8,620.18	8,522.80	97.38	88.517		
15,100.00	6,840.00	6,483.00	6,376.61	248.46	25.97	74.84	3,033.99	-1,340.07	8,718.40	8,620.98	97.41	89.499		
15,200.00	6,840.00	6,483.00	6,376.61	251.14	25.97	74.84	3,033.99	-1,340.07	8,816.65	8,719.21	97.44	90.481		
15,300.00	6,840.00	6,483.00	6,376.61	253.82	25.97	74.84	3,033.99	-1,340.07	8,914.94	8,817.47	97.47	91.462		
15,400.00	6,840.00	6,483.00	6,376.61	256.50	25.97	74.84	3,033.99	-1,340.07	9,013.28	8,915.78	97.50	92.444		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURVEY												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 660-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	6,483.00	6,376.61	259.18	25.97	74.84	3,033.99	-1,340.07	9,111.64	9,014.11	97.53	93.424	
15,600.00	6,840.00	6,483.00	6,376.61	261.86	25.97	74.84	3,033.99	-1,340.07	9,210.05	9,112.49	97.56	94.405	
15,700.00	6,840.00	6,483.00	6,376.61	264.54	25.97	74.84	3,033.99	-1,340.07	9,308.48	9,210.90	97.59	95.385	
15,800.00	6,840.00	6,483.00	6,376.61	267.23	25.97	74.84	3,033.99	-1,340.07	9,406.95	9,309.34	97.62	96.365	
15,900.00	6,840.00	6,483.00	6,376.61	269.91	25.97	74.84	3,033.99	-1,340.07	9,505.46	9,407.81	97.65	97.344	
16,000.00	6,840.00	6,468.18	6,362.02	272.59	25.92	74.32	3,031.39	-1,340.36	9,603.95	9,506.41	97.54	98.457	
16,100.00	6,840.00	6,467.60	6,361.45	275.28	25.92	74.30	3,031.29	-1,340.37	9,702.51	9,604.94	97.57	99.442	
16,200.00	6,840.00	6,467.02	6,360.88	277.97	25.92	74.28	3,031.20	-1,340.38	9,801.10	9,703.51	97.60	100.426	
16,300.00	6,840.00	6,466.44	6,360.30	280.65	25.92	74.26	3,031.10	-1,340.39	9,899.72	9,802.10	97.62	101.409	
16,400.00	6,840.00	6,465.86	6,359.74	283.34	25.91	74.24	3,031.01	-1,340.40	9,998.37	9,900.72	97.65	102.392	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 682-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	37.00	-37.00	0.00	0.06	-38.39	2,666.43	-2,112.40	3,401.78					
100.00	100.00	63.00	63.00	0.13	0.11	-38.39	2,666.43	-2,112.40	3,401.78	3,401.53	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.39	2,666.43	-2,112.40	3,401.78	3,401.00	0.77	4,405.297		
300.00	300.00	263.00	263.00	0.85	0.45	-38.39	2,666.43	-2,112.40	3,401.78	3,400.47	1.30	2,612.683		
400.00	400.00	363.00	363.00	1.21	0.62	-38.39	2,666.43	-2,112.40	3,401.78	3,399.95	1.83	1,857.020		
500.00	500.00	463.00	463.00	1.57	0.79	-38.39	2,666.43	-2,112.40	3,401.78	3,399.42	2.36	1,440.411		
600.00	599.98	562.98	562.98	1.92	0.96	16.24	2,666.43	-2,112.40	3,400.10	3,397.21	2.89	1,177.018		
700.00	699.84	662.84	662.84	2.28	1.14	16.29	2,666.43	-2,112.40	3,395.08	3,391.66	3.42	993.576		
800.00	799.45	770.18	770.17	2.65	1.48	16.39	2,666.63	-2,112.03	3,386.64	3,382.53	4.12	822.397		
900.00	898.70	883.69	883.69	3.02	1.87	16.53	2,666.39	-2,111.52	3,374.51	3,369.64	4.87	692.576		
1,000.00	997.47	996.54	996.53	3.42	2.25	16.71	2,665.45	-2,111.15	3,358.66	3,353.03	5.63	596.767		
1,100.00	1,095.62	1,091.32	1,091.30	3.84	2.58	16.90	2,664.34	-2,110.98	3,339.35	3,333.03	6.33	527.848		
1,200.00	1,193.06	1,185.35	1,185.33	4.30	2.90	17.13	2,663.22	-2,110.99	3,316.89	3,309.86	7.03	471.979		
1,300.00	1,289.64	1,278.62	1,278.59	4.79	3.22	17.41	2,662.09	-2,111.18	3,291.29	3,283.56	7.73	425.624		
1,400.00	1,385.27	1,370.96	1,370.93	5.33	3.55	17.72	2,660.94	-2,111.55	3,262.59	3,254.14	8.45	386.162		
1,500.00	1,479.82	1,462.34	1,462.29	5.92	3.87	18.07	2,659.77	-2,112.09	3,230.84	3,221.67	9.17	352.345		
1,600.00	1,573.17	1,552.64	1,552.59	6.56	4.18	18.47	2,658.58	-2,112.81	3,196.06	3,186.17	9.90	322.945		
1,700.00	1,665.22	1,638.69	1,638.62	7.26	4.49	18.88	2,657.42	-2,113.74	3,158.39	3,147.76	10.63	297.201		
1,800.00	1,756.74	1,724.48	1,724.39	7.99	4.79	19.07	2,656.24	-2,114.95	3,119.72	3,108.37	11.35	274.774		
1,900.00	1,848.26	1,810.46	1,810.35	8.75	5.09	19.26	2,655.04	-2,116.46	3,081.26	3,069.17	12.09	254.839		
2,000.00	1,939.78	1,910.79	1,910.65	9.51	5.45	19.48	2,653.48	-2,118.46	3,042.85	3,029.96	12.88	236.162		
2,100.00	2,031.30	2,016.81	2,016.63	10.29	5.83	19.72	2,651.32	-2,120.49	3,004.06	2,990.36	13.70	219.233		
2,200.00	2,122.82	2,179.21	2,178.82	11.07	6.41	20.04	2,643.98	-2,123.62	2,963.11	2,948.41	14.70	201.590		
2,300.00	2,214.34	2,267.78	2,267.04	11.86	6.74	20.15	2,637.47	-2,127.98	2,922.09	2,906.62	15.47	188.853		
2,400.00	2,305.85	2,377.14	2,375.71	12.66	7.15	20.23	2,627.69	-2,135.22	2,880.83	2,864.52	16.32	176.567		
2,500.00	2,397.37	2,521.55	2,518.40	13.46	7.70	20.20	2,609.76	-2,148.28	2,838.28	2,821.02	17.27	164.387		
2,600.00	2,488.89	2,618.68	2,614.22	14.26	8.09	20.17	2,596.51	-2,157.06	2,794.87	2,776.78	18.09	154.520		
2,700.00	2,580.41	2,720.43	2,714.40	15.07	8.50	20.11	2,581.67	-2,166.92	2,751.10	2,732.17	18.93	145.345		
2,800.00	2,671.93	2,805.01	2,797.67	15.88	8.85	20.06	2,569.22	-2,174.90	2,707.11	2,687.38	19.73	137.225		
2,900.00	2,763.45	2,866.28	2,858.08	16.69	9.11	20.03	2,560.77	-2,180.72	2,663.83	2,643.36	20.47	130.133		
3,000.00	2,854.97	2,951.63	2,942.33	17.51	9.46	20.00	2,549.80	-2,188.80	2,621.21	2,599.92	21.28	123.169		
3,100.00	2,946.49	3,037.22	3,026.96	18.32	9.81	19.99	2,539.36	-2,196.23	2,578.65	2,556.55	22.10	116.706		
3,200.00	3,038.00	3,121.34	3,110.31	19.14	10.15	20.01	2,529.97	-2,202.69	2,536.31	2,513.41	22.91	110.722		
3,300.00	3,129.52	3,190.10	3,178.55	19.96	10.43	20.05	2,523.02	-2,207.40	2,494.35	2,470.67	23.68	105.326		
3,400.00	3,221.04	3,244.08	3,232.31	20.77	10.64	20.13	2,519.16	-2,210.18	2,453.62	2,429.19	24.43	100.447		
3,500.00	3,312.56	3,338.93	3,327.03	21.59	10.99	20.35	2,514.98	-2,212.94	2,413.72	2,388.46	25.26	95.552		
3,600.00	3,404.08	3,422.31	3,410.37	22.42	11.28	20.61	2,512.62	-2,213.28	2,373.68	2,347.62	26.06	91.072		
3,700.00	3,495.60	3,482.81	3,470.86	23.24	11.48	20.85	2,512.07	-2,212.62	2,334.38	2,307.55	26.83	87.021		
3,800.00	3,587.12	3,542.00	3,530.05	24.06	11.68	21.08	2,512.49	-2,212.49	2,296.67	2,269.08	27.59	83.250		
3,900.00	3,678.63	3,623.82	3,611.87	24.88	11.95	21.41	2,513.57	-2,212.89	2,259.95	2,231.55	28.41	79.561		
4,000.00	3,770.15	3,718.59	3,706.62	25.71	12.26	21.80	2,514.47	-2,213.69	2,223.24	2,193.98	29.25	76.000		
4,100.00	3,861.67	3,813.41	3,801.43	26.53	12.57	22.18	2,514.98	-2,214.85	2,186.49	2,156.39	30.11	72.626		
4,200.00	3,953.19	3,900.80	3,888.82	27.35	12.87	22.55	2,515.55	-2,215.78	2,149.85	2,118.89	30.96	69.449		
4,300.00	4,044.71	4,037.07	4,025.07	28.18	13.31	23.21	2,516.67	-2,214.72	2,112.50	2,080.62	31.88	66.256		
4,400.00	4,136.23	4,127.21	4,115.20	29.01	13.60	23.68	2,516.91	-2,213.04	2,074.29	2,041.54	32.75	63.332		
4,500.00	4,227.75	4,217.41	4,205.38	29.83	13.90	24.17	2,517.15	-2,211.42	2,036.25	2,002.62	33.63	60.545		
4,600.00	4,319.27	4,307.74	4,295.70	30.66	14.19	24.68	2,517.40	-2,209.84	1,998.38	1,963.86	34.52	57.887		
4,700.00	4,410.78	4,399.34	4,387.29	31.48	14.50	25.20	2,517.54	-2,208.42	1,960.66	1,925.23	35.43	55.338		
4,800.00	4,502.30	4,491.06	4,479.00	32.31	14.80	25.74	2,517.48	-2,207.28	1,923.06	1,886.71	36.35	52.906		
4,900.00	4,593.82	4,582.87	4,570.81	33.14	15.11	26.28	2,517.21	-2,206.43	1,885.57	1,848.29	37.28	50.583		
5,000.00	4,685.34	4,658.78	4,646.71	33.96	15.37	26.75	2,517.16	-2,206.00	1,848.58	1,810.38	38.21	48.385		
5,100.00	4,776.86	4,734.64	4,722.57	34.79	15.62	27.22	2,517.67	-2,205.90	1,812.55	1,773.40	39.15	46.300		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 682-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,811.02	4,798.94	35.62	15.88	27.72	2,518.75	-2,206.15	1,777.47	1,737.37	40.11	44.320		
5,300.00	4,959.90	4,891.40	4,879.30	36.45	16.15	28.25	2,520.47	-2,206.77	1,743.36	1,702.28	41.08	42.437		
5,400.00	5,051.41	4,995.38	4,983.25	37.27	16.50	28.96	2,522.63	-2,207.99	1,709.60	1,667.50	42.10	40.612		
5,500.00	5,142.93	5,113.34	5,101.21	38.10	16.90	29.80	2,523.39	-2,208.47	1,674.43	1,631.29	43.14	38.817		
5,600.00	5,234.45	5,208.04	5,195.90	38.93	17.22	30.50	2,523.48	-2,208.71	1,639.02	1,594.85	44.18	37.101		
5,700.00	5,325.97	5,302.66	5,290.52	39.76	17.55	31.23	2,523.33	-2,209.00	1,603.66	1,558.43	45.23	35.453		
5,800.00	5,417.49	5,393.80	5,381.67	40.59	17.87	31.95	2,523.04	-2,209.34	1,568.41	1,522.10	46.31	33.869		
5,900.00	5,509.01	5,482.12	5,469.98	41.42	18.17	32.69	2,522.94	-2,209.62	1,533.56	1,486.15	47.41	32.350		
6,000.00	5,600.53	5,570.51	5,558.37	42.25	18.48	33.47	2,523.07	-2,209.84	1,499.17	1,450.64	48.53	30.894		
6,100.00	5,692.04	5,662.04	5,650.01	43.07	35.49	-108.68	1,159.31	-2,225.65	1,463.06	1,430.60	32.46	45.076		
6,200.00	5,783.56	5,753.56	5,741.53	43.90	35.08	-107.44	1,189.59	-2,225.64	1,366.14	1,333.60	32.55	41.974		
6,300.00	5,875.08	5,845.08	5,833.05	44.73	34.72	-106.12	1,217.41	-2,225.52	1,269.17	1,236.45	32.71	38.797		
6,400.00	5,966.60	5,936.60	5,924.57	45.56	34.37	-104.62	1,244.55	-2,225.24	1,172.15	1,139.24	32.91	35.618		
6,500.00	6,058.12	6,028.12	6,016.09	46.39	34.02	-102.91	1,271.06	-2,224.80	1,075.10	1,041.96	33.14	32.439		
6,600.00	6,149.64	6,119.64	6,107.61	47.22	33.73	-101.22	1,293.25	-2,224.34	978.05	944.50	33.55	29.151		
6,700.00	6,241.16	6,211.16	6,199.13	48.05	33.50	-99.58	1,311.48	-2,224.10	881.17	846.98	34.19	25.774		
6,800.00	6,332.68	6,302.68	6,290.65	48.88	33.26	-97.55	1,330.42	-2,224.04	784.52	749.58	34.95	22.450		
6,900.00	6,424.19	6,394.19	6,382.16	49.71	33.01	-95.02	1,350.09	-2,224.18	688.16	652.29	35.87	19.184		
7,000.00	6,514.88	6,484.88	6,472.85	50.58	32.76	-103.40	1,370.41	-2,224.55	591.86	554.96	36.89	16.042		
7,100.00	6,599.14	6,569.14	6,557.11	51.67	32.48	-136.62	1,392.23	-2,225.15	494.84	457.97	36.87	13.421		
7,200.00	6,673.85	6,643.85	6,631.82	53.01	32.22	-162.23	1,413.82	-2,225.77	400.11	365.14	34.98	11.440		
7,300.00	6,736.73	6,706.73	6,694.70	54.56	31.99	-173.95	1,432.71	-2,226.31	314.36	283.54	30.81	10.202		
7,400.00	6,785.87	6,755.87	6,743.84	56.29	31.80	-179.32	1,448.34	-2,226.76	251.49	222.31	29.18	8.617		
7,480.73	6,814.49	6,784.49	6,772.46	57.77	31.67	-178.53	1,458.26	-2,227.04	232.95	193.91	39.04	5.967 CC		
7,500.00	6,819.79	6,789.79	6,777.76	58.13	31.65	-178.20	1,460.24	-2,227.10	234.05	191.53	42.53	5.504 ES		
7,600.00	6,837.44	6,807.44	6,795.41	60.02	31.55	-177.58	1,468.07	-2,227.32	271.94	213.90	58.03	4.686 SF		
7,700.00	6,840.00	6,810.00	6,798.00	61.90	31.51	-177.66	1,472.02	-2,227.43	345.99	280.61	65.38	5.292		
7,800.00	6,840.00	6,810.00	6,798.00	63.83	31.47	-176.71	1,475.31	-2,227.53	431.86	363.15	68.71	6.285		
7,900.00	6,840.00	6,810.00	6,798.00	65.81	31.43	-175.74	1,478.64	-2,227.62	522.76	452.36	70.40	7.426		
8,000.00	6,840.00	6,810.00	6,798.00	67.84	31.39	-174.77	1,482.04	-2,227.72	616.46	545.14	71.32	8.643		
8,100.00	6,840.00	6,810.00	6,798.00	69.91	31.35	-173.77	1,485.51	-2,227.82	711.87	639.99	71.88	9.904		
8,200.00	6,840.00	6,810.00	6,798.00	72.03	31.30	-172.75	1,489.06	-2,227.93	808.37	736.14	72.23	11.192		
8,300.00	6,840.00	6,810.00	6,798.00	74.18	31.26	-171.72	1,492.69	-2,228.04	905.61	833.15	72.46	12.498		
8,400.00	6,840.00	6,810.00	6,798.00	76.37	31.22	-170.67	1,496.41	-2,228.15	1,003.39	930.76	72.63	13.815		
8,500.00	6,840.00	6,810.00	6,798.00	78.59	31.17	-169.61	1,500.20	-2,228.27	1,101.55	1,028.80	72.75	15.141		
8,600.00	6,840.00	6,810.00	6,798.00	80.85	31.13	-168.53	1,504.09	-2,228.39	1,200.00	1,127.15	72.85	16.472		
8,700.00	6,840.00	6,810.00	6,798.00	83.13	31.08	-167.43	1,508.06	-2,228.52	1,298.68	1,225.75	72.93	17.807		
8,800.00	6,840.00	6,810.00	6,798.00	85.44	31.03	-166.31	1,512.13	-2,228.65	1,397.54	1,324.54	73.00	19.144		
8,900.00	6,840.00	6,810.00	6,798.00	87.77	30.98	-165.18	1,516.29	-2,228.79	1,496.54	1,423.48	73.06	20.483		
9,000.00	6,840.00	6,810.00	6,798.00	90.12	30.93	-164.04	1,520.56	-2,228.93	1,595.65	1,522.53	73.12	21.822		
9,100.00	6,840.00	6,810.00	6,798.00	92.50	30.88	-162.89	1,524.93	-2,229.08	1,694.86	1,621.69	73.18	23.161		
9,200.00	6,840.00	6,810.00	6,798.00	94.89	30.83	-161.72	1,529.41	-2,229.23	1,794.15	1,720.92	73.23	24.500		
9,300.00	6,840.00	6,810.00	6,798.00	97.30	30.78	-160.54	1,534.00	-2,229.39	1,893.50	1,820.22	73.28	25.838		
9,400.00	6,840.00	6,810.00	6,798.00	99.73	30.72	-159.34	1,538.70	-2,229.55	1,992.91	1,919.57	73.34	27.175		
9,500.00	6,840.00	6,810.00	6,798.00	102.17	30.66	-158.14	1,543.53	-2,229.72	2,092.37	2,018.97	73.39	28.510		
9,600.00	6,840.00	6,810.00	6,798.00	104.63	30.61	-156.93	1,548.49	-2,229.90	2,191.86	2,118.42	73.45	29.843		
9,700.00	6,840.00	6,810.00	6,798.00	107.10	30.56	-156.28	1,551.14	-2,230.00	2,291.39	2,217.93	73.45	31.195		
9,800.00	6,840.00	6,810.00	6,798.00	109.58	30.50	-155.86	1,557.19	-2,230.22	2,390.95	2,317.42	73.53	32.517		
9,900.00	6,840.00	6,810.00	6,798.00	112.07	30.43	-155.43	1,563.40	-2,230.46	2,490.54	2,416.94	73.61	33.836		
10,000.00	6,840.00	6,810.00	6,798.00	114.58	30.36	-155.00	1,569.78	-2,230.70	2,590.15	2,516.47	73.68	35.152		
10,100.00	6,840.00	6,810.00	6,798.00	117.09	30.28	-155.56	1,576.34	-2,230.96	2,689.78	2,616.02	73.76	36.465		
10,200.00	6,840.00	6,810.00	6,798.00	119.61	30.21	-149.13	1,583.09	-2,231.22	2,789.43	2,715.58	73.84	37.774		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 682-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	7,675.85	7,002.39	122.14	30.13	147.70	1,590.02	-2,231.50	2,889.09	2,815.16	73.93	39.079		
10,400.00	6,840.00	7,668.71	7,002.48	124.68	30.05	146.27	1,597.16	-2,231.79	2,988.76	2,914.74	74.02	40.380		
10,500.00	6,840.00	7,661.36	7,002.54	127.23	29.97	144.84	1,604.51	-2,232.09	3,088.44	3,014.34	74.10	41.677		
10,600.00	6,840.00	7,653.79	7,002.58	129.78	29.88	143.42	1,612.07	-2,232.41	3,188.13	3,113.94	74.20	42.969		
10,700.00	6,840.00	7,645.99	7,002.59	132.35	29.79	142.01	1,619.86	-2,232.75	3,287.83	3,213.54	74.29	44.257		
10,800.00	6,840.00	7,637.95	7,002.56	134.91	29.70	140.60	1,627.89	-2,233.09	3,387.54	3,313.15	74.39	45.539		
10,900.00	6,840.00	7,629.67	7,002.50	137.49	29.61	139.20	1,636.16	-2,233.46	3,487.25	3,412.76	74.49	46.817		
11,000.00	6,840.00	7,621.13	7,002.40	140.07	29.52	137.81	1,644.69	-2,233.84	3,586.97	3,512.38	74.59	48.088		
11,100.00	6,840.00	7,612.32	7,002.25	142.65	29.42	136.43	1,653.50	-2,234.25	3,686.69	3,611.99	74.70	49.354		
11,200.00	6,840.00	7,603.22	7,002.06	145.24	29.32	135.07	1,662.58	-2,234.67	3,786.41	3,711.60	74.81	50.615		
11,300.00	6,840.00	7,597.75	7,001.93	147.83	29.26	134.27	1,668.05	-2,234.93	3,886.14	3,811.26	74.87	51.902		
11,400.00	6,840.00	7,592.86	7,001.81	150.43	29.21	133.58	1,672.92	-2,235.16	3,985.87	3,910.94	74.93	53.192		
11,500.00	6,840.00	7,588.00	7,001.68	153.04	29.15	132.90	1,677.78	-2,235.38	4,085.61	4,010.62	74.99	54.479		
11,600.00	6,840.00	7,583.15	7,001.56	155.64	29.10	132.24	1,682.62	-2,235.61	4,185.36	4,110.30	75.06	55.764		
11,700.00	6,840.00	7,578.32	7,001.43	158.26	29.05	131.60	1,687.44	-2,235.83	4,285.11	4,210.00	75.12	57.046		
11,800.00	6,840.00	7,573.51	7,001.30	160.87	29.00	130.98	1,692.25	-2,236.06	4,384.87	4,309.69	75.18	58.326		
11,900.00	6,840.00	7,568.71	7,001.16	163.49	28.95	130.37	1,697.04	-2,236.28	4,484.64	4,409.40	75.24	59.603		
12,000.00	6,840.00	7,563.93	7,001.03	166.11	28.90	129.78	1,701.81	-2,236.50	4,584.41	4,509.10	75.30	60.878		
12,100.00	6,840.00	7,559.17	7,000.89	168.74	28.85	129.21	1,706.57	-2,236.72	4,684.18	4,608.81	75.37	62.151		
12,200.00	6,840.00	7,554.42	7,000.75	171.37	28.80	128.65	1,711.31	-2,236.94	4,783.96	4,708.53	75.43	63.421		
12,300.00	6,840.00	7,549.69	7,000.61	174.00	28.75	128.10	1,716.03	-2,237.16	4,883.74	4,808.24	75.50	64.688		
12,400.00	6,840.00	7,544.98	7,000.47	176.63	28.70	127.56	1,720.74	-2,237.38	4,983.53	4,907.97	75.56	65.952		
12,500.00	6,840.00	7,540.28	7,000.32	179.27	28.65	127.04	1,725.43	-2,237.59	5,083.32	5,007.69	75.63	67.215		
12,600.00	6,840.00	7,535.60	7,000.17	181.91	28.60	126.54	1,730.10	-2,237.81	5,183.11	5,107.42	75.69	68.474		
12,700.00	6,840.00	7,530.93	7,000.03	184.55	28.55	126.04	1,734.76	-2,238.02	5,282.91	5,207.15	75.76	69.731		
12,800.00	6,840.00	7,526.28	6,999.87	187.19	28.50	125.56	1,739.40	-2,238.23	5,382.71	5,306.88	75.83	70.985		
12,900.00	6,840.00	7,521.65	6,999.72	189.84	28.45	125.09	1,744.03	-2,238.44	5,482.51	5,406.62	75.90	72.237		
13,000.00	6,840.00	7,517.03	6,999.57	192.48	28.40	124.63	1,748.64	-2,238.65	5,582.32	5,506.36	75.96	73.485		
13,100.00	6,840.00	6,862.00	6,788.03	195.13	23.41	89.03	2,347.80	-2,294.78	5,681.98	5,596.33	85.65	66.342		
13,200.00	6,840.00	6,862.00	6,788.03	197.79	23.41	89.03	2,347.80	-2,294.78	5,780.78	5,695.18	85.60	67.531		
13,300.00	6,840.00	6,862.00	6,788.03	200.44	23.41	89.03	2,347.80	-2,294.78	5,879.63	5,794.07	85.56	68.720		
13,400.00	6,840.00	6,862.00	6,788.03	203.10	23.41	89.03	2,347.80	-2,294.78	5,978.51	5,892.99	85.52	69.909		
13,500.00	6,840.00	6,862.00	6,788.03	205.75	23.41	89.03	2,347.80	-2,294.78	6,077.43	5,991.95	85.48	71.097		
13,600.00	6,840.00	6,862.00	6,788.03	208.41	23.41	89.03	2,347.80	-2,294.78	6,176.39	6,090.94	85.45	72.284		
13,700.00	6,840.00	6,862.00	6,788.03	211.07	23.41	89.03	2,347.80	-2,294.78	6,275.37	6,189.96	85.41	73.471		
13,800.00	6,840.00	6,862.00	6,788.03	213.74	23.41	89.03	2,347.80	-2,294.78	6,374.39	6,289.01	85.38	74.657		
13,900.00	6,840.00	6,862.00	6,788.03	216.40	23.41	89.03	2,347.80	-2,294.78	6,473.44	6,388.09	85.35	75.842		
14,000.00	6,840.00	6,862.00	6,788.03	219.06	23.41	89.03	2,347.80	-2,294.78	6,572.52	6,487.19	85.33	77.026		
14,100.00	6,840.00	6,862.00	6,788.03	221.73	23.41	89.03	2,347.80	-2,294.78	6,671.63	6,586.32	85.30	78.210		
14,200.00	6,840.00	6,862.00	6,788.03	224.40	23.41	89.03	2,347.80	-2,294.78	6,770.76	6,685.48	85.28	79.393		
14,300.00	6,840.00	6,862.00	6,788.03	227.07	23.41	89.03	2,347.80	-2,294.78	6,869.91	6,784.65	85.26	80.575		
14,400.00	6,840.00	6,862.00	6,788.03	229.74	23.41	89.03	2,347.80	-2,294.78	6,969.10	6,883.85	85.24	81.756		
14,500.00	6,840.00	6,862.00	6,788.03	232.41	23.41	89.03	2,347.80	-2,294.78	7,068.30	6,983.07	85.23	82.936		
14,600.00	6,840.00	6,862.00	6,788.03	235.08	23.41	89.03	2,347.80	-2,294.78	7,167.53	7,082.32	85.21	84.115		
14,700.00	6,840.00	6,862.00	6,788.03	237.75	23.41	89.03	2,347.80	-2,294.78	7,266.77	7,181.58	85.20	85.293		
14,800.00	6,840.00	6,862.00	6,788.03	240.43	23.41	89.03	2,347.80	-2,294.78	7,366.04	7,280.86	85.19	86.469		
14,900.00	6,840.00	6,843.99	6,775.23	243.10	23.33	88.23	2,360.37	-2,296.39	7,465.21	7,379.83	85.39	87.425		
15,000.00	6,840.00	6,842.38	6,774.07	245.78	23.32	88.15	2,361.48	-2,296.52	7,564.50	7,479.10	85.40	88.578		
15,100.00	6,840.00	6,840.81	6,772.94	248.46	23.31	88.08	2,362.56	-2,296.65	7,663.80	7,578.39	85.41	89.730		
15,200.00	6,840.00	6,839.28	6,771.84	251.14	23.30	88.02	2,363.61	-2,296.77	7,763.12	7,677.70	85.42	90.881		
15,300.00	6,840.00	6,837.79	6,770.76	253.82	23.30	87.95	2,364.63	-2,296.89	7,862.45	7,777.02	85.43	92.031		
15,400.00	6,840.00	6,836.33	6,769.70	256.50	23.29	87.88	2,365.63	-2,297.00	7,961.80	7,876.36	85.45	93.180		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 682-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,834.91	6,768.67	259.18	23.28	87.82	2,366.60	-2,297.11	8,061.17	7,975.71	85.46	94.328		
15,600.00	6,840.00	6,816.00	6,754.76	261.86	23.20	86.98	2,379.35	-2,298.45	8,160.65	8,074.99	85.66	95.263		
15,700.00	6,840.00	6,816.00	6,754.76	264.54	23.20	86.98	2,379.35	-2,298.45	8,260.03	8,174.36	85.66	96.424		
15,800.00	6,840.00	6,816.00	6,754.76	267.23	23.20	86.98	2,379.35	-2,298.45	8,359.42	8,273.75	85.66	97.583		
15,900.00	6,840.00	6,816.00	6,754.76	269.91	23.20	86.98	2,379.35	-2,298.45	8,458.82	8,373.15	85.67	98.741		
16,000.00	6,840.00	6,816.00	6,754.76	272.59	23.20	86.98	2,379.35	-2,298.45	8,558.24	8,472.57	85.67	99.898		
16,100.00	6,840.00	6,816.00	6,754.76	275.28	23.20	86.98	2,379.35	-2,298.45	8,657.67	8,572.00	85.67	101.053		
16,200.00	6,840.00	6,816.00	6,754.76	277.97	23.20	86.98	2,379.35	-2,298.45	8,757.12	8,671.44	85.68	102.207		
16,300.00	6,840.00	6,816.00	6,754.76	280.65	23.20	86.98	2,379.35	-2,298.45	8,856.57	8,770.89	85.69	103.359		
16,400.00	6,840.00	6,816.00	6,754.76	283.34	23.20	86.98	2,379.35	-2,298.45	8,956.04	8,870.35	85.70	104.510		
16,500.00	6,840.00	6,816.00	6,754.76	286.03	23.20	86.98	2,379.35	-2,298.45	9,055.52	8,969.82	85.70	105.660		
16,600.00	6,840.00	6,816.00	6,754.76	288.72	23.20	86.98	2,379.35	-2,298.45	9,155.02	9,069.30	85.71	106.808		
16,700.00	6,840.00	6,816.00	6,754.76	291.41	23.20	86.98	2,379.35	-2,298.45	9,254.52	9,168.79	85.73	107.955		
16,800.00	6,840.00	6,816.00	6,754.76	294.10	23.20	86.98	2,379.35	-2,298.45	9,354.03	9,268.29	85.74	109.100		
16,900.00	6,840.00	6,816.00	6,754.76	296.79	23.20	86.98	2,379.35	-2,298.45	9,453.56	9,367.80	85.75	110.244		
17,000.00	6,840.00	6,816.00	6,754.76	299.48	23.20	86.98	2,379.35	-2,298.45	9,553.09	9,467.32	85.77	111.386		
17,100.00	6,840.00	6,816.00	6,754.76	302.17	23.20	86.98	2,379.35	-2,298.45	9,652.63	9,566.85	85.78	112.526		
17,200.00	6,840.00	6,816.00	6,754.76	304.86	23.20	86.98	2,379.35	-2,298.45	9,752.19	9,666.39	85.80	113.665		
17,300.00	6,840.00	6,816.00	6,754.76	307.56	23.20	86.98	2,379.35	-2,298.45	9,851.75	9,765.93	85.81	114.803		
17,400.00	6,840.00	6,816.00	6,754.76	310.25	23.20	86.98	2,379.35	-2,298.45	9,951.32	9,865.49	85.83	115.939		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 679-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	38.00	-38.00	0.00	0.07	-38.68	2,666.43	-2,134.72	3,415.68					
100.00	100.00	62.00	62.00	0.13	0.11	-38.68	2,666.43	-2,134.72	3,415.68	3,415.44	0.24	N/A		
200.00	200.00	162.00	162.00	0.49	0.28	-38.68	2,666.43	-2,134.72	3,415.68	3,414.91	0.77	4,433.466		
300.00	300.00	262.00	262.00	0.85	0.45	-38.68	2,666.43	-2,134.72	3,415.68	3,414.38	1.30	2,627.004		
400.00	400.00	362.00	362.00	1.21	0.62	-38.68	2,666.43	-2,134.72	3,415.68	3,413.85	1.83	1,866.485		
500.00	500.00	462.00	462.00	1.57	0.79	-38.68	2,666.43	-2,134.72	3,415.68	3,413.32	2.36	1,447.448		
600.00	599.98	561.98	561.98	1.92	0.96	15.95	2,666.43	-2,134.72	3,414.00	3,411.12	2.89	1,182.613		
700.00	699.84	661.84	661.84	2.28	1.13	16.00	2,666.43	-2,134.72	3,408.97	3,405.56	3.42	998.213		
800.00	799.45	738.98	738.98	2.65	1.38	16.08	2,666.61	-2,134.82	3,400.87	3,396.85	4.02	846.223		
900.00	898.70	813.00	812.99	3.02	1.64	16.18	2,667.32	-2,135.20	3,390.21	3,385.56	4.65	729.612		
1,000.00	997.47	919.17	919.16	3.42	2.02	16.34	2,668.66	-2,135.78	3,376.50	3,371.11	5.39	625.896		
1,100.00	1,095.62	1,027.18	1,027.16	3.84	2.41	16.55	2,669.91	-2,136.03	3,359.21	3,353.05	6.15	545.851		
1,200.00	1,193.06	1,135.26	1,135.23	4.30	2.79	16.81	2,671.02	-2,135.96	3,338.36	3,331.44	6.91	482.808		
1,300.00	1,289.64	1,243.58	1,243.55	4.79	3.17	17.11	2,671.71	-2,135.81	3,313.94	3,306.26	7.68	431.746		
1,400.00	1,385.27	1,350.68	1,350.65	5.33	3.54	17.46	2,671.93	-2,135.64	3,285.99	3,277.55	8.44	389.351		
1,500.00	1,479.82	1,438.39	1,438.36	5.92	3.84	17.82	2,671.98	-2,135.53	3,254.78	3,245.63	9.15	355.819		
1,600.00	1,573.17	1,522.56	1,522.53	6.56	4.14	18.22	2,672.26	-2,135.51	3,220.72	3,210.87	9.85	326.859		
1,700.00	1,665.22	1,605.74	1,605.70	7.26	4.43	18.65	2,672.78	-2,135.57	3,183.89	3,173.32	10.57	301.160		
1,800.00	1,756.74	1,688.35	1,688.31	7.99	4.72	18.86	2,673.51	-2,135.73	3,146.17	3,134.88	11.29	278.680		
1,900.00	1,848.26	1,741.00	1,740.96	8.75	4.91	19.00	2,674.06	-2,135.92	3,108.93	3,097.01	11.92	260.808		
2,000.00	1,939.78	1,794.92	1,794.86	9.51	5.10	19.15	2,675.16	-2,136.54	3,072.89	3,060.32	12.57	244.541		
2,100.00	2,031.30	1,836.00	1,835.90	10.29	5.25	19.26	2,676.66	-2,137.53	3,038.57	3,025.39	13.18	230.572		
2,200.00	2,122.82	1,899.88	1,899.68	11.07	5.48	19.43	2,679.74	-2,139.49	3,005.57	2,991.69	13.88	216.601		
2,300.00	2,214.34	1,955.90	1,955.57	11.86	5.68	19.59	2,682.99	-2,141.37	2,973.58	2,959.02	14.56	204.288		
2,400.00	2,305.85	2,004.13	2,003.64	12.66	5.85	19.74	2,686.52	-2,143.24	2,943.05	2,927.83	15.22	193.405		
2,500.00	2,397.37	2,058.77	2,058.00	13.46	6.05	19.91	2,691.41	-2,145.55	2,914.01	2,898.10	15.91	183.184		
2,600.00	2,488.89	2,120.00	2,118.84	14.26	6.27	20.12	2,697.95	-2,147.92	2,886.23	2,869.60	16.63	173.579		
2,700.00	2,580.41	2,162.43	2,160.91	15.07	6.43	20.28	2,703.24	-2,149.59	2,859.95	2,842.66	17.29	165.415		
2,800.00	2,671.93	2,215.00	2,212.87	15.88	6.63	20.48	2,710.80	-2,151.97	2,835.51	2,817.51	17.99	157.599		
2,900.00	2,763.45	2,245.70	2,243.13	16.69	6.75	20.60	2,715.74	-2,153.60	2,812.92	2,794.30	18.62	151.083		
3,000.00	2,854.97	2,283.94	2,280.69	17.51	6.90	20.76	2,722.49	-2,156.02	2,792.45	2,773.18	19.27	144.889		
3,100.00	2,946.49	2,346.62	2,342.00	18.32	7.15	21.01	2,734.66	-2,160.62	2,773.97	2,753.95	20.03	138.523		
3,200.00	3,038.00	2,432.43	2,428.89	19.14	7.50	21.38	2,751.86	-2,166.20	2,755.87	2,734.99	20.88	131.999		
3,300.00	3,129.52	2,500.00	2,491.71	19.96	7.78	21.69	2,766.53	-2,170.39	2,739.05	2,717.38	21.67	126.423		
3,400.00	3,221.04	2,591.90	2,581.08	20.77	8.18	22.12	2,787.18	-2,176.00	2,723.04	2,700.48	22.56	120.678		
3,500.00	3,312.56	2,644.00	2,631.69	21.59	8.41	22.37	2,799.16	-2,179.27	2,707.78	2,684.48	23.30	116.207		
3,600.00	3,404.08	2,697.76	2,683.67	22.42	8.65	22.63	2,812.37	-2,183.01	2,694.32	2,670.28	24.05	112.046		
3,700.00	3,495.60	2,783.11	2,766.00	23.24	9.05	23.05	2,833.90	-2,189.46	2,681.98	2,657.04	24.94	107.537		
3,800.00	3,587.12	2,915.99	2,894.36	24.06	9.68	23.70	2,866.83	-2,199.28	2,669.34	2,643.28	26.06	102.424		
3,900.00	3,678.63	3,105.88	3,079.14	24.88	10.57	24.60	2,908.41	-2,212.37	2,653.76	2,626.33	27.43	96.740		
4,000.00	3,770.15	3,164.00	3,135.76	25.71	10.85	24.88	2,920.94	-2,216.29	2,638.29	2,610.06	28.23	93.441		
4,100.00	3,861.67	4,100.00	3,482.21	26.53	14.83	26.44	2,980.15	-2,240.20	2,619.37	2,587.06	32.31	81.062		
4,200.00	3,953.19	3,635.34	3,600.12	27.35	12.91	26.95	2,993.20	-2,246.46	2,594.47	2,563.27	31.20	83.163		
4,300.00	4,044.71	4,300.00	3,946.76	28.18	15.28	28.58	3,020.13	-2,255.13	2,567.74	2,533.85	33.89	75.776		
4,400.00	4,136.23	4,153.22	4,116.63	29.01	14.75	29.43	3,021.36	-2,253.36	2,531.47	2,497.64	33.83	74.839		
4,500.00	4,227.75	4,257.19	4,220.58	29.83	15.07	29.96	3,020.88	-2,252.06	2,494.80	2,460.04	34.76	71.764		
4,600.00	4,319.27	4,350.44	4,313.83	30.66	15.36	30.45	3,020.02	-2,250.93	2,457.93	2,422.24	35.70	68.859		
4,700.00	4,410.78	4,435.93	4,399.31	31.48	15.62	30.90	3,019.25	-2,250.16	2,421.36	2,384.73	36.63	66.112		
4,800.00	4,502.30	4,521.67	4,485.04	32.31	15.88	31.36	3,018.56	-2,249.66	2,385.15	2,347.58	37.57	63.493		
4,900.00	4,593.82	4,612.26	4,575.63	33.14	16.15	31.86	3,017.89	-2,249.41	2,349.28	2,310.76	38.52	60.987		
5,000.00	4,685.34	4,717.15	4,680.51	33.96	16.47	32.45	3,016.85	-2,248.82	2,313.25	2,273.75	39.50	58.563		
5,100.00	4,776.86	4,821.39	4,784.74	34.79	16.79	33.07	3,015.40	-2,247.66	2,276.87	2,236.38	40.49	56.233		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 679-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,913.24	4,876.56	35.62	17.08	33.65	3,013.86	-2,246.23	2,240.28	2,198.79	41.49	53.998		
5,300.00	4,959.90	4,999.37	4,962.68	36.45	17.35	34.20	3,012.65	-2,244.95	2,204.15	2,161.65	42.50	51.864		
5,400.00	5,051.41	5,096.49	5,059.78	37.27	17.65	34.83	3,011.02	-2,243.85	2,168.13	2,124.60	43.53	49.812		
5,500.00	5,142.93	5,193.64	5,156.90	38.10	17.95	35.47	3,008.91	-2,243.14	2,132.05	2,087.48	44.56	47.845		
5,600.00	5,234.45	5,290.81	5,254.04	38.93	18.26	36.12	3,006.32	-2,242.82	2,095.91	2,050.30	45.61	45.957		
5,700.00	5,325.97	5,347.00	5,310.23	39.76	18.43	36.51	3,005.84	-2,242.78	2,061.23	2,014.56	46.67	44.168		
5,800.00	5,417.49	5,427.26	5,390.49	40.59	18.69	37.08	3,005.31	-2,242.99	2,027.40	1,979.65	47.75	42.459		
5,900.00	5,509.01	5,518.81	5,482.03	41.42	18.99	37.73	3,004.54	-2,243.65	1,993.85	1,945.00	48.85	40.819		
6,000.00	5,600.53	5,610.59	5,573.80	42.25	19.28	38.39	3,003.61	-2,244.77	1,960.54	1,910.59	49.96	39.246		
6,100.00	5,692.04	5,710.69	5,673.88	43.07	19.60	39.13	3,002.33	-2,246.20	1,927.33	1,876.25	51.08	37.732		
6,200.00	5,783.56	5,812.63	5,775.80	43.90	19.93	39.91	3,000.59	-2,247.24	1,893.88	1,841.65	52.22	36.267		
6,300.00	5,875.08	5,914.01	5,877.16	44.73	20.26	40.73	2,998.42	-2,247.83	1,860.21	1,806.83	53.38	34.848		
6,400.00	5,966.60	5,999.83	5,962.96	45.56	20.54	41.46	2,996.53	-2,248.08	1,826.72	1,772.15	54.57	33.476		
6,500.00	6,058.12	6,085.44	6,048.55	46.39	20.81	42.21	2,994.95	-2,248.24	1,793.84	1,738.06	55.78	32.159		
6,600.00	6,149.64	6,171.15	6,134.24	47.22	21.09	43.00	2,993.66	-2,248.30	1,761.59	1,704.58	57.01	30.897		
6,700.00	6,241.16	6,259.02	6,222.11	48.05	21.38	43.84	2,992.58	-2,248.06	1,729.89	1,671.61	58.28	29.684		
6,800.00	6,332.68	6,293.00	6,256.09	48.88	21.49	44.17	2,992.36	-2,247.94	1,699.83	1,640.28	59.55	28.542		
6,900.00	6,424.19	6,341.00	6,304.03	49.71	21.66	44.67	2,994.42	-2,247.79	1,673.67	1,612.84	60.83	27.514		
7,000.00	6,514.88	6,341.00	6,304.03	50.58	21.66	51.93	2,994.42	-2,247.79	1,651.25	1,589.24	62.01	26.629		
7,100.00	6,599.14	6,368.06	6,330.90	51.67	21.77	61.65	2,997.59	-2,247.47	1,631.95	1,568.34	63.60	25.658		
7,200.00	6,673.85	6,388.00	6,350.55	53.01	21.85	67.91	3,000.91	-2,247.00	1,616.46	1,550.88	65.58	24.649		
7,300.00	6,736.73	6,404.45	6,366.66	54.56	21.91	72.06	3,004.17	-2,246.52	1,605.57	1,537.64	67.92	23.638		
7,400.00	6,785.87	6,419.62	6,381.46	56.29	21.98	74.69	3,007.50	-2,246.04	1,600.05	1,529.43	70.61	22.659		
7,445.98	6,803.43	6,436.00	6,397.35	57.13	22.05	75.80	3,011.44	-2,245.51	1,599.62	1,527.56	72.06	22.197 CC		
7,500.00	6,819.79	6,436.00	6,397.35	58.13	22.05	76.15	3,011.44	-2,245.51	1,600.58	1,526.98	73.60	21.747 ES		
7,600.00	6,837.44	6,436.00	6,397.35	60.02	22.05	75.93	3,011.44	-2,245.51	1,607.33	1,530.77	76.56	20.994		
7,700.00	6,840.00	6,436.00	6,397.35	61.90	22.05	75.35	3,011.44	-2,245.51	1,620.30	1,540.77	79.53	20.374		
7,800.00	6,840.00	6,436.00	6,397.35	63.83	22.05	75.35	3,011.44	-2,245.51	1,639.27	1,556.90	82.37	19.902		
7,900.00	6,840.00	6,436.00	6,397.35	65.81	22.05	75.35	3,011.44	-2,245.51	1,664.05	1,579.02	85.03	19.570		
8,000.00	6,840.00	6,436.00	6,397.35	67.84	22.05	75.35	3,011.44	-2,245.51	1,694.37	1,606.88	87.49	19.366		
8,100.00	6,840.00	6,436.00	6,397.35	69.91	22.05	75.35	3,011.44	-2,245.51	1,729.95	1,640.22	89.73	19.279 SF		
8,200.00	6,840.00	6,436.00	6,397.35	72.03	22.05	75.35	3,011.44	-2,245.51	1,770.48	1,678.72	91.75	19.297		
8,300.00	6,840.00	6,436.00	6,397.35	74.18	22.05	75.35	3,011.44	-2,245.51	1,815.61	1,722.06	93.55	19.408		
8,400.00	6,840.00	6,436.00	6,397.35	76.37	22.05	75.35	3,011.44	-2,245.51	1,865.01	1,769.88	95.13	19.605		
8,500.00	6,840.00	6,436.00	6,397.35	78.59	22.05	75.35	3,011.44	-2,245.51	1,918.36	1,821.84	96.52	19.876		
8,600.00	6,840.00	6,436.00	6,397.35	80.85	22.05	75.35	3,011.44	-2,245.51	1,975.34	1,877.62	97.72	20.215		
8,700.00	6,840.00	6,436.00	6,397.35	83.13	22.05	75.35	3,011.44	-2,245.51	2,035.63	1,936.88	98.75	20.613		
8,800.00	6,840.00	6,436.00	6,397.35	85.44	22.05	75.35	3,011.44	-2,245.51	2,098.96	1,999.32	99.64	21.066		
8,900.00	6,840.00	6,436.00	6,397.35	87.77	22.05	75.35	3,011.44	-2,245.51	2,165.06	2,064.67	100.39	21.567		
9,000.00	6,840.00	6,436.00	6,397.35	90.12	22.05	75.35	3,011.44	-2,245.51	2,233.68	2,132.66	101.02	22.111		
9,100.00	6,840.00	6,436.00	6,397.35	92.50	22.05	75.35	3,011.44	-2,245.51	2,304.60	2,203.05	101.55	22.694		
9,200.00	6,840.00	6,419.76	6,381.60	94.89	21.98	74.76	3,007.54	-2,246.04	2,377.42	2,275.66	101.76	23.362		
9,300.00	6,840.00	6,418.84	6,380.70	97.30	21.98	74.73	3,007.32	-2,246.07	2,452.32	2,350.20	102.11	24.015		
9,400.00	6,840.00	6,417.93	6,379.81	99.73	21.97	74.70	3,007.12	-2,246.10	2,528.95	2,426.55	102.40	24.697		
9,500.00	6,840.00	6,417.01	6,378.92	102.17	21.97	74.67	3,006.91	-2,246.13	2,607.17	2,504.55	102.62	25.405		
9,600.00	6,840.00	6,416.11	6,378.04	104.63	21.96	74.63	3,006.71	-2,246.16	2,686.83	2,584.03	102.80	26.137		
9,700.00	6,840.00	6,415.21	6,377.16	107.10	21.96	74.60	3,006.50	-2,246.18	2,767.81	2,664.88	102.93	26.890		
9,800.00	6,840.00	6,414.31	6,376.29	109.58	21.96	74.57	3,006.30	-2,246.21	2,849.99	2,746.97	103.03	27.663		
9,900.00	6,840.00	6,413.42	6,375.42	112.07	21.95	74.54	3,006.11	-2,246.24	2,933.29	2,830.19	103.09	28.453		
10,000.00	6,840.00	6,412.53	6,374.56	114.58	21.95	74.51	3,005.91	-2,246.27	3,017.59	2,914.46	103.13	29.260		
10,100.00	6,840.00	6,411.65	6,373.70	117.09	21.95	74.47	3,005.72	-2,246.29	3,102.83	2,999.68	103.15	30.081		
10,200.00	6,840.00	6,410.77	6,372.84	119.61	21.94	74.44	3,005.53	-2,246.32	3,188.93	3,085.78	103.15	30.917		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 679-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,409.90	6,371.99	122.14	21.94	74.41	3,005.34	-2,246.35	3,275.81	3,172.68	103.13	31.765		
10,400.00	6,840.00	6,409.04	6,371.15	124.68	21.93	74.38	3,005.15	-2,246.38	3,363.42	3,260.33	103.10	32.624		
10,500.00	6,840.00	6,408.17	6,370.30	127.23	21.93	74.35	3,004.96	-2,246.40	3,451.71	3,348.65	103.05	33.495		
10,600.00	6,840.00	6,407.32	6,369.47	129.78	21.93	74.32	3,004.78	-2,246.43	3,540.61	3,437.61	103.00	34.375		
10,700.00	6,840.00	6,406.46	6,368.63	132.35	21.92	74.29	3,004.60	-2,246.45	3,630.10	3,527.16	102.94	35.264		
10,800.00	6,840.00	6,405.62	6,367.81	134.91	21.92	74.26	3,004.42	-2,246.48	3,720.12	3,617.24	102.87	36.162		
10,900.00	6,840.00	6,404.77	6,366.98	137.49	21.92	74.23	3,004.24	-2,246.51	3,810.63	3,707.83	102.80	37.067		
11,000.00	6,840.00	6,403.93	6,366.16	140.07	21.91	74.20	3,004.07	-2,246.53	3,901.61	3,798.88	102.73	37.980		
11,100.00	6,840.00	6,388.00	6,350.55	142.65	21.85	73.63	3,000.91	-2,247.00	3,993.12	3,890.66	102.46	38.971		
11,200.00	6,840.00	6,388.00	6,350.55	145.24	21.85	73.63	3,000.91	-2,247.00	4,084.92	3,982.53	102.39	39.894		
11,300.00	6,840.00	6,388.00	6,350.55	147.83	21.85	73.63	3,000.91	-2,247.00	4,177.09	4,074.77	102.32	40.823		
11,400.00	6,840.00	6,388.00	6,350.55	150.43	21.85	73.63	3,000.91	-2,247.00	4,269.62	4,167.37	102.25	41.757		
11,500.00	6,840.00	6,388.00	6,350.55	153.04	21.85	73.63	3,000.91	-2,247.00	4,362.48	4,260.31	102.17	42.696		
11,600.00	6,840.00	6,388.00	6,350.55	155.64	21.85	73.63	3,000.91	-2,247.00	4,455.65	4,353.55	102.10	43.640		
11,700.00	6,840.00	6,388.00	6,350.55	158.26	21.85	73.63	3,000.91	-2,247.00	4,549.10	4,447.08	102.02	44.588		
11,800.00	6,840.00	6,388.00	6,350.55	160.87	21.85	73.63	3,000.91	-2,247.00	4,642.83	4,540.88	101.95	45.540		
11,900.00	6,840.00	6,388.00	6,350.55	163.49	21.85	73.63	3,000.91	-2,247.00	4,736.82	4,634.94	101.88	46.496		
12,000.00	6,840.00	6,388.00	6,350.55	166.11	21.85	73.63	3,000.91	-2,247.00	4,831.04	4,729.24	101.80	47.455		
12,100.00	6,840.00	6,388.00	6,350.55	168.74	21.85	73.63	3,000.91	-2,247.00	4,925.50	4,823.77	101.73	48.418		
12,200.00	6,840.00	6,388.00	6,350.55	171.37	21.85	73.63	3,000.91	-2,247.00	5,020.17	4,918.51	101.66	49.383		
12,300.00	6,840.00	6,388.00	6,350.55	174.00	21.85	73.63	3,000.91	-2,247.00	5,115.04	5,013.46	101.59	50.352		
12,400.00	6,840.00	6,388.00	6,350.55	176.63	21.85	73.63	3,000.91	-2,247.00	5,210.11	5,108.59	101.52	51.323		
12,500.00	6,840.00	6,388.00	6,350.55	179.27	21.85	73.63	3,000.91	-2,247.00	5,305.35	5,203.90	101.45	52.296		
12,600.00	6,840.00	6,388.00	6,350.55	181.91	21.85	73.63	3,000.91	-2,247.00	5,400.77	5,299.39	101.38	53.272		
12,700.00	6,840.00	6,388.00	6,350.55	184.55	21.85	73.63	3,000.91	-2,247.00	5,496.35	5,395.03	101.32	54.249		
12,800.00	6,840.00	6,388.00	6,350.55	187.19	21.85	73.63	3,000.91	-2,247.00	5,592.09	5,490.83	101.25	55.229		
12,900.00	6,840.00	6,388.00	6,350.55	189.84	21.85	73.63	3,000.91	-2,247.00	5,687.97	5,586.78	101.19	56.210		
13,000.00	6,840.00	6,388.00	6,350.55	192.48	21.85	73.63	3,000.91	-2,247.00	5,783.99	5,682.86	101.13	57.194		
13,100.00	6,840.00	6,388.00	6,350.55	195.13	21.85	73.63	3,000.91	-2,247.00	5,880.14	5,779.07	101.07	58.178		
13,200.00	6,840.00	6,388.00	6,350.55	197.79	21.85	73.63	3,000.91	-2,247.00	5,976.42	5,875.41	101.01	59.165		
13,300.00	6,840.00	6,388.00	6,350.55	200.44	21.85	73.63	3,000.91	-2,247.00	6,072.82	5,971.87	100.96	60.152		
13,400.00	6,840.00	6,388.00	6,350.55	203.10	21.85	73.63	3,000.91	-2,247.00	6,169.34	6,068.44	100.90	61.141		
13,500.00	6,840.00	6,388.00	6,350.55	205.75	21.85	73.63	3,000.91	-2,247.00	6,265.96	6,165.11	100.85	62.131		
13,600.00	6,840.00	6,388.00	6,350.55	208.41	21.85	73.63	3,000.91	-2,247.00	6,362.69	6,261.89	100.80	63.122		
13,700.00	6,840.00	6,388.00	6,350.55	211.07	21.85	73.63	3,000.91	-2,247.00	6,459.52	6,358.77	100.75	64.114		
13,800.00	6,840.00	6,388.00	6,350.55	213.74	21.85	73.63	3,000.91	-2,247.00	6,556.44	6,455.74	100.70	65.107		
13,900.00	6,840.00	6,388.00	6,350.55	216.40	21.85	73.63	3,000.91	-2,247.00	6,653.46	6,552.80	100.66	66.100		
14,000.00	6,840.00	6,388.00	6,350.55	219.06	21.85	73.63	3,000.91	-2,247.00	6,750.56	6,649.95	100.61	67.094		
14,100.00	6,840.00	6,388.00	6,350.55	221.73	21.85	73.63	3,000.91	-2,247.00	6,847.75	6,747.18	100.57	68.089		
14,200.00	6,840.00	6,388.00	6,350.55	224.40	21.85	73.63	3,000.91	-2,247.00	6,945.01	6,844.48	100.53	69.085		
14,300.00	6,840.00	6,388.00	6,350.55	227.07	21.85	73.63	3,000.91	-2,247.00	7,042.35	6,941.86	100.49	70.081		
14,400.00	6,840.00	6,388.00	6,350.55	229.74	21.85	73.63	3,000.91	-2,247.00	7,139.77	7,039.32	100.45	71.078		
14,500.00	6,840.00	6,388.00	6,350.55	232.41	21.85	73.63	3,000.91	-2,247.00	7,237.25	7,136.84	100.41	72.074		
14,600.00	6,840.00	6,388.00	6,350.55	235.08	21.85	73.63	3,000.91	-2,247.00	7,334.81	7,234.43	100.38	73.072		
14,700.00	6,840.00	6,388.00	6,350.55	237.75	21.85	73.63	3,000.91	-2,247.00	7,432.42	7,332.08	100.34	74.069		
14,800.00	6,840.00	6,388.00	6,350.55	240.43	21.85	73.63	3,000.91	-2,247.00	7,530.11	7,429.79	100.31	75.067		
14,900.00	6,840.00	6,388.00	6,350.55	243.10	21.85	73.63	3,000.91	-2,247.00	7,627.85	7,527.57	100.28	76.065		
15,000.00	6,840.00	6,388.00	6,350.55	245.78	21.85	73.63	3,000.91	-2,247.00	7,725.65	7,625.39	100.25	77.063		
15,100.00	6,840.00	6,388.00	6,350.55	248.46	21.85	73.63	3,000.91	-2,247.00	7,823.50	7,723.28	100.22	78.061		
15,200.00	6,840.00	6,388.00	6,350.55	251.14	21.85	73.63	3,000.91	-2,247.00	7,921.41	7,821.21	100.20	79.059		
15,300.00	6,840.00	6,388.00	6,350.55	253.82	21.85	73.63	3,000.91	-2,247.00	8,019.37	7,919.20	100.17	80.057		
15,400.00	6,840.00	6,388.00	6,350.55	256.50	21.85	73.63	3,000.91	-2,247.00	8,117.38	8,017.23	100.15	81.055		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 679-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	6,388.00	6,350.55	259.18	21.85	73.63	3,000.91	-2,247.00	8,215.43	8,115.31	100.12	82.053	
15,600.00	6,840.00	6,388.00	6,350.55	261.86	21.85	73.63	3,000.91	-2,247.00	8,313.54	8,213.44	100.10	83.051	
15,700.00	6,840.00	6,388.00	6,350.55	264.54	21.85	73.63	3,000.91	-2,247.00	8,411.69	8,311.61	100.08	84.049	
15,800.00	6,840.00	6,388.00	6,350.55	267.23	21.85	73.63	3,000.91	-2,247.00	8,509.88	8,409.82	100.06	85.046	
15,900.00	6,840.00	6,388.00	6,350.55	269.91	21.85	73.63	3,000.91	-2,247.00	8,608.11	8,508.07	100.04	86.043	
16,000.00	6,840.00	6,388.00	6,350.55	272.59	21.85	73.63	3,000.91	-2,247.00	8,706.38	8,606.36	100.03	87.040	
16,100.00	6,840.00	6,388.00	6,350.55	275.28	21.85	73.63	3,000.91	-2,247.00	8,804.70	8,704.69	100.01	88.037	
16,200.00	6,840.00	6,388.00	6,350.55	277.97	21.85	73.63	3,000.91	-2,247.00	8,903.05	8,803.05	100.00	89.033	
16,300.00	6,840.00	6,388.00	6,350.55	280.65	21.85	73.63	3,000.91	-2,247.00	9,001.43	8,901.45	99.98	90.029	
16,400.00	6,840.00	6,388.00	6,350.55	283.34	21.85	73.63	3,000.91	-2,247.00	9,099.85	8,999.88	99.97	91.025	
16,500.00	6,840.00	6,388.00	6,350.55	286.03	21.85	73.63	3,000.91	-2,247.00	9,198.31	9,098.35	99.96	92.020	
16,600.00	6,840.00	6,388.00	6,350.55	288.72	21.85	73.63	3,000.91	-2,247.00	9,296.80	9,196.85	99.95	93.015	
16,700.00	6,840.00	6,388.00	6,350.55	291.41	21.85	73.63	3,000.91	-2,247.00	9,395.32	9,295.38	99.94	94.009	
16,800.00	6,840.00	6,388.00	6,350.55	294.10	21.85	73.63	3,000.91	-2,247.00	9,493.87	9,393.94	99.93	95.003	
16,900.00	6,840.00	6,388.00	6,350.55	296.79	21.85	73.63	3,000.91	-2,247.00	9,592.45	9,492.53	99.93	95.996	
17,000.00	6,840.00	6,388.00	6,350.55	299.48	21.85	73.63	3,000.91	-2,247.00	9,691.06	9,591.14	99.92	96.989	
17,100.00	6,840.00	6,388.00	6,350.55	302.17	21.85	73.63	3,000.91	-2,247.00	9,789.70	9,689.79	99.91	97.981	
17,200.00	6,840.00	6,388.00	6,350.55	304.86	21.85	73.63	3,000.91	-2,247.00	9,888.37	9,788.46	99.91	98.972	
17,300.00	6,840.00	6,388.00	6,350.55	307.56	21.85	73.63	3,000.91	-2,247.00	9,987.06	9,887.15	99.91	99.963	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 652-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	36.00	-36.00	0.00	0.06	-37.79	2,666.42	-2,067.77	3,374.24					
100.00	100.00	64.00	64.00	0.13	0.11	-37.79	2,666.42	-2,067.77	3,374.24	3,373.99	0.24	N/A		
200.00	200.00	164.00	164.00	0.49	0.28	-37.79	2,666.42	-2,067.77	3,374.24	3,373.46	0.77	4,363.313		
300.00	300.00	264.00	264.00	0.85	0.45	-37.79	2,666.42	-2,067.77	3,374.24	3,372.93	1.30	2,590.028		
400.00	400.00	364.00	364.00	1.21	0.62	-37.79	2,666.42	-2,067.77	3,374.24	3,372.41	1.83	1,841.591		
500.00	500.00	464.00	464.00	1.57	0.79	-37.79	2,666.42	-2,067.77	3,374.24	3,371.88	2.36	1,428.732		
600.00	599.98	563.98	563.98	1.92	0.96	16.84	2,666.42	-2,067.77	3,372.57	3,369.68	2.89	1,167.619		
700.00	699.84	663.84	663.84	2.28	1.14	16.89	2,666.42	-2,067.77	3,367.56	3,364.14	3.42	985.717		
800.00	799.45	746.95	746.94	2.65	1.44	16.96	2,666.16	-2,068.65	3,359.59	3,355.51	4.09	822.229		
900.00	898.70	852.70	852.69	3.02	1.81	17.07	2,665.61	-2,070.04	3,348.32	3,343.51	4.82	695.218		
1,000.00	997.47	957.91	957.88	3.42	2.17	17.21	2,664.93	-2,071.28	3,333.56	3,328.01	5.55	600.763		
1,100.00	1,095.62	1,071.90	1,071.87	3.84	2.57	17.42	2,664.14	-2,072.14	3,315.23	3,308.92	6.32	524.859		
1,200.00	1,193.06	1,189.58	1,189.54	4.30	2.98	17.70	2,663.65	-2,071.46	3,293.07	3,285.97	7.10	463.704		
1,300.00	1,289.64	1,306.05	1,305.98	4.79	3.38	18.07	2,663.67	-2,068.96	3,267.11	3,259.23	7.89	414.191		
1,400.00	1,385.27	1,400.00	1,437.19	5.33	3.70	18.66	2,666.90	-2,059.67	3,236.97	3,228.37	8.60	376.184		
1,500.00	1,479.82	1,562.62	1,561.00	5.92	4.29	19.45	2,673.09	-2,044.17	3,202.64	3,193.05	9.59	334.036		
1,600.00	1,573.17	1,669.17	1,665.80	6.56	4.70	20.34	2,681.03	-2,026.66	3,165.16	3,154.75	10.41	304.047		
1,700.00	1,665.22	1,961.13	1,949.74	7.26	5.98	22.76	2,700.92	-1,962.05	3,121.16	3,109.12	12.04	259.179		
1,800.00	1,756.74	2,025.00	2,011.73	7.99	6.28	23.26	2,703.66	-1,946.93	3,074.42	3,061.65	12.77	240.729		
1,900.00	1,848.26	2,090.23	2,075.03	8.75	6.59	23.78	2,706.90	-1,931.51	3,028.51	3,014.98	13.53	223.799		
2,000.00	1,939.78	2,175.24	2,157.35	9.51	7.02	24.49	2,712.07	-1,910.94	2,983.46	2,969.06	14.41	207.082		
2,100.00	2,031.30	2,241.50	2,221.30	10.29	7.35	25.08	2,716.36	-1,894.14	2,938.62	2,923.40	15.22	193.052		
2,200.00	2,122.82	2,283.96	2,262.52	11.07	7.56	25.45	2,719.12	-1,884.33	2,895.22	2,879.28	15.95	181.571		
2,300.00	2,214.34	2,300.00	2,354.18	11.86	7.64	26.25	2,725.14	-1,863.69	2,852.70	2,836.17	16.53	172.549		
2,400.00	2,305.85	2,488.83	2,461.39	12.66	8.60	27.28	2,732.31	-1,837.04	2,809.66	2,791.67	17.99	156.140		
2,500.00	2,397.37	2,573.26	2,542.85	13.46	9.05	28.10	2,738.25	-1,815.63	2,767.08	2,748.09	18.99	145.721		
2,600.00	2,488.89	2,655.05	2,621.52	14.26	9.51	28.94	2,744.36	-1,794.13	2,725.00	2,705.00	20.00	136.232		
2,700.00	2,580.41	2,728.82	2,692.32	15.07	9.92	29.73	2,750.19	-1,774.27	2,683.61	2,662.61	21.00	127.772		
2,800.00	2,671.93	2,798.11	2,758.91	15.88	10.31	30.49	2,755.83	-1,755.94	2,643.21	2,621.21	22.00	120.136		
2,900.00	2,763.45	2,867.26	2,825.48	16.69	10.69	31.24	2,761.56	-1,738.12	2,603.86	2,580.84	23.02	113.133		
3,000.00	2,854.97	2,936.61	2,892.30	17.51	11.08	32.01	2,767.50	-1,720.59	2,565.59	2,541.54	24.05	106.680		
3,100.00	2,946.49	3,050.86	3,002.57	18.32	11.71	33.30	2,777.00	-1,692.23	2,528.12	2,502.79	25.33	99.810		
3,200.00	3,038.00	3,154.38	3,102.68	19.14	12.28	34.49	2,783.76	-1,666.77	2,490.00	2,463.43	26.57	93.717		
3,300.00	3,129.52	3,237.90	3,183.23	19.96	12.75	35.48	2,789.24	-1,645.40	2,452.35	2,424.61	27.74	88.410		
3,400.00	3,221.04	3,305.83	3,248.99	20.77	13.12	36.29	2,793.46	-1,628.89	2,415.64	2,386.81	28.83	83.777		
3,500.00	3,312.56	3,387.23	3,328.13	21.59	13.56	37.25	2,798.56	-1,610.52	2,380.27	2,350.26	30.01	79.323		
3,600.00	3,404.08	3,489.65	3,427.44	22.42	14.11	38.51	2,804.47	-1,586.22	2,344.95	2,313.64	31.31	74.884		
3,700.00	3,495.60	3,569.69	3,504.82	23.24	14.56	39.55	2,809.25	-1,566.33	2,310.40	2,277.86	32.54	70.993		
3,800.00	3,587.12	3,648.81	3,581.38	24.06	15.00	40.58	2,813.93	-1,546.91	2,276.82	2,243.03	33.79	67.381		
3,900.00	3,678.63	3,715.35	3,645.78	24.88	15.37	41.47	2,818.15	-1,530.68	2,244.57	2,209.58	34.99	64.153		
4,000.00	3,770.15	3,813.56	3,740.63	25.71	15.92	42.83	2,824.68	-1,506.10	2,213.45	2,177.06	36.39	60.824		
4,100.00	3,861.67	3,878.30	3,802.86	26.53	16.31	43.77	2,829.05	-1,488.78	2,183.20	2,145.55	37.65	57.987		
4,200.00	3,953.19	3,939.34	3,861.07	27.35	16.68	44.71	2,834.14	-1,471.11	2,154.97	2,116.05	38.92	55.375		
4,300.00	4,044.71	4,011.69	3,929.83	28.18	17.14	45.85	2,840.66	-1,449.60	2,128.53	2,088.24	40.29	52.830		
4,400.00	4,136.23	4,114.08	4,027.72	29.01	17.76	47.45	2,849.28	-1,420.87	2,103.26	2,061.39	41.86	50.240		
4,500.00	4,227.75	4,190.79	4,102.11	29.83	18.18	48.58	2,854.88	-1,403.05	2,078.95	2,035.75	43.20	48.120		
4,600.00	4,319.27	4,294.01	4,203.31	30.66	18.68	50.00	2,861.55	-1,383.93	2,055.62	2,010.98	44.64	46.049		
4,700.00	4,410.78	4,384.01	4,292.12	31.48	19.09	51.18	2,866.48	-1,370.18	2,032.73	1,986.77	45.96	44.228		
4,800.00	4,502.30	4,504.91	4,412.09	32.31	19.57	52.69	2,871.65	-1,356.24	2,009.97	1,962.62	47.36	42.445		
4,900.00	4,593.82	4,590.34	4,497.15	33.14	19.89	53.71	2,874.54	-1,348.76	1,987.42	1,938.84	48.59	40.905		
5,000.00	4,685.34	4,680.01	4,586.60	33.96	20.19	54.73	2,877.56	-1,343.34	1,965.71	1,915.91	49.80	39.471		
5,100.00	4,776.86	4,756.14	4,662.62	34.79	20.43	55.57	2,880.36	-1,340.47	1,945.03	1,894.07	50.96	38.170		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 652-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,895.20	4,801.60	35.62	20.83	57.03	2,884.28	-1,338.84	1,924.20	1,871.98	52.22	36.848		
5,300.00	4,959.90	4,977.37	4,883.75	36.45	21.05	57.87	2,885.81	-1,339.18	1,903.07	1,849.71	53.36	35.664		
5,400.00	5,051.41	5,059.97	4,966.33	37.27	21.27	58.73	2,887.78	-1,339.86	1,882.98	1,828.47	54.51	34.545		
5,500.00	5,142.93	5,143.00	5,049.32	38.10	21.50	59.59	2,890.20	-1,340.88	1,863.93	1,808.27	55.66	33.487		
5,600.00	5,234.45	5,613.97	5,985.26	38.93	39.49	174.61	1,036.31	-1,319.97	1,794.34	1,763.90	30.44	58.954		
5,700.00	5,325.97	5,594.88	6,985.52	39.76	39.23	173.51	1,055.39	-1,320.40	1,706.95	1,676.01	30.93	55.181		
5,800.00	5,417.49	5,575.70	6,985.83	40.59	38.97	172.38	1,074.56	-1,320.70	1,620.71	1,589.17	31.54	51.393		
5,900.00	5,509.01	5,556.44	6,986.20	41.42	38.71	171.22	1,093.82	-1,320.88	1,535.83	1,503.56	32.27	47.598		
6,000.00	5,600.53	5,536.97	6,986.64	42.25	38.45	170.02	1,113.28	-1,320.94	1,452.53	1,419.38	33.16	43.810		
6,100.00	5,692.04	5,516.94	6,987.15	43.07	38.19	168.76	1,133.31	-1,320.91	1,371.10	1,336.87	34.23	40.050		
6,200.00	5,783.56	5,496.61	6,987.74	43.90	37.92	167.46	1,153.63	-1,320.82	1,291.88	1,256.33	35.55	36.345		
6,300.00	5,875.08	5,475.97	6,988.40	44.73	37.65	166.12	1,174.26	-1,320.66	1,215.29	1,178.16	37.13	32.730		
6,400.00	5,966.60	5,400.00	6,989.80	45.56	26.33	163.15	1,218.91	-1,320.36	1,141.77	1,120.93	20.84	54.776		
6,500.00	6,058.12	5,412.74	6,990.57	46.39	36.83	161.88	1,237.45	-1,320.03	1,072.03	1,030.67	41.36	25.919		
6,600.00	6,149.64	5,361.15	6,991.47	47.22	36.17	158.31	1,289.03	-1,320.47	1,006.00	961.76	44.24	22.739		
6,700.00	6,241.16	5,336.16	6,991.62	48.05	35.86	156.55	1,314.01	-1,320.96	944.90	897.43	47.47	19.904		
6,800.00	6,332.68	5,316.71	6,991.77	48.88	35.62	155.16	1,333.46	-1,321.22	890.32	839.27	51.05	17.440		
6,900.00	6,424.19	5,297.27	6,991.97	49.71	35.37	153.76	1,352.90	-1,321.37	843.53	788.61	54.91	15.362		
7,000.00	6,514.88	5,278.01	6,992.20	50.58	35.14	152.20	1,372.16	-1,321.39	808.15	749.24	58.91	13.717		
7,082.42	6,584.95	5,267.75	6,992.32	51.48	35.01	163.64	1,382.41	-1,321.37	798.16	736.04	62.12	12.848 CC		
7,100.00	6,599.14	5,262.11	6,992.42	51.67	34.94	164.25	1,388.06	-1,321.32	798.61	735.77	62.84	12.709 ES		
7,200.00	6,673.85	5,233.26	6,992.75	53.01	34.59	166.68	1,416.91	-1,321.14	817.92	751.46	66.45	12.308 SF		
7,300.00	6,736.73	5,209.69	6,992.78	54.56	34.31	168.01	1,440.47	-1,321.13	863.65	794.59	69.06	12.505		
7,400.00	6,785.87	5,191.19	6,992.64	56.29	34.09	168.81	1,458.97	-1,321.22	930.93	860.22	70.71	13.166		
7,500.00	6,819.79	5,177.71	6,992.46	58.13	33.93	169.48	1,472.45	-1,321.33	1,013.86	942.23	71.64	14.152		
7,600.00	6,837.44	5,169.39	6,992.31	60.02	33.83	170.79	1,480.77	-1,321.42	1,106.87	1,034.76	72.11	15.350		
7,700.00	6,840.00	5,165.97	6,992.24	61.90	33.79	172.67	1,484.19	-1,321.46	1,204.97	1,132.67	72.31	16.665		
7,800.00	6,840.00	5,163.25	6,992.19	63.83	33.76	171.86	1,486.90	-1,321.50	1,303.82	1,231.37	72.44	17.998		
7,900.00	6,840.00	5,161.67	6,992.15	65.81	33.74	171.39	1,488.48	-1,321.52	1,402.82	1,330.28	72.54	19.339		
8,000.00	6,840.00	5,160.25	6,992.12	67.84	33.73	170.96	1,489.90	-1,321.54	1,501.96	1,429.34	72.62	20.683		
8,100.00	6,840.00	5,158.86	6,992.09	69.91	33.71	170.55	1,491.29	-1,321.56	1,601.20	1,528.51	72.69	22.028		
8,200.00	6,840.00	5,157.50	6,992.06	72.03	33.69	170.15	1,492.65	-1,321.57	1,700.53	1,627.78	72.75	23.375		
8,300.00	6,840.00	5,156.17	6,992.03	74.18	33.68	169.75	1,493.98	-1,321.59	1,799.93	1,727.13	72.80	24.723		
8,400.00	6,840.00	5,154.87	6,992.01	76.37	33.66	169.37	1,495.28	-1,321.61	1,899.40	1,826.54	72.85	26.072		
8,500.00	6,840.00	5,153.60	6,991.98	78.59	33.65	168.99	1,496.56	-1,321.62	1,998.91	1,926.02	72.90	27.420		
8,600.00	6,840.00	5,152.35	6,991.95	80.85	33.64	168.62	1,497.80	-1,321.64	2,098.48	2,025.53	72.94	28.769		
8,700.00	6,840.00	5,151.13	6,991.93	83.13	33.62	168.27	1,499.02	-1,321.65	2,198.08	2,125.09	72.98	30.118		
8,800.00	6,840.00	5,149.94	6,991.90	85.44	33.61	167.92	1,500.21	-1,321.66	2,297.71	2,224.69	73.02	31.467		
8,900.00	6,840.00	5,148.77	6,991.88	87.77	33.59	167.57	1,501.38	-1,321.68	2,397.37	2,324.32	73.06	32.816		
9,000.00	6,840.00	5,147.63	6,991.86	90.12	33.58	167.24	1,502.52	-1,321.69	2,497.06	2,423.97	73.09	34.164		
9,100.00	6,840.00	5,146.51	6,991.83	92.50	33.57	166.91	1,503.64	-1,321.70	2,596.78	2,523.65	73.13	35.511		
9,200.00	6,840.00	5,145.41	6,991.81	94.89	33.56	166.60	1,504.74	-1,321.72	2,696.51	2,623.35	73.16	36.858		
9,300.00	6,840.00	5,144.33	6,991.79	97.30	33.54	166.28	1,505.82	-1,321.73	2,796.26	2,723.07	73.19	38.204		
9,400.00	6,840.00	5,143.28	6,991.77	99.73	33.53	165.98	1,506.87	-1,321.74	2,896.03	2,822.81	73.23	39.549		
9,500.00	6,840.00	5,142.24	6,991.75	102.17	33.52	165.68	1,507.91	-1,321.75	2,995.82	2,922.56	73.26	40.893		
9,600.00	6,840.00	5,141.23	6,991.73	104.63	33.51	165.39	1,508.92	-1,321.76	3,095.61	3,022.32	73.29	42.236		
9,700.00	6,840.00	5,140.23	6,991.71	107.10	33.50	165.10	1,509.92	-1,321.77	3,195.42	3,122.10	73.33	43.579		
9,800.00	6,840.00	5,139.26	6,991.69	109.58	33.49	164.83	1,510.89	-1,321.78	3,295.24	3,221.88	73.36	44.920		
9,900.00	6,840.00	5,138.30	6,991.67	112.07	33.47	164.55	1,511.85	-1,321.79	3,395.07	3,321.68	73.39	46.260		
10,000.00	6,840.00	5,137.36	6,991.65	114.58	33.46	164.28	1,512.79	-1,321.80	3,494.91	3,421.49	73.42	47.599		
10,100.00	6,840.00	5,136.44	6,991.64	117.09	33.45	164.02	1,513.71	-1,321.81	3,594.76	3,521.30	73.46	48.937		
10,200.00	6,840.00	5,135.53	6,991.62	119.61	33.44	163.77	1,514.62	-1,321.82	3,694.62	3,621.13	73.49	50.274		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 652-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	8,134.64	6,991.60	122.14	33.43	163.51	1,515.50	-1,321.82	3,794.48	3,720.96	73.52	51.609		
10,400.00	6,840.00	8,133.77	6,991.59	124.68	33.42	163.27	1,516.38	-1,321.83	3,894.35	3,820.79	73.56	52.943		
10,500.00	6,840.00	8,132.91	6,991.57	127.23	33.41	163.03	1,517.23	-1,321.84	3,994.23	3,920.64	73.59	54.275		
10,600.00	6,840.00	8,132.07	6,991.55	129.78	33.40	162.79	1,518.08	-1,321.85	4,094.11	4,020.48	73.63	55.606		
10,700.00	6,840.00	8,131.24	6,991.54	132.35	33.39	162.56	1,518.90	-1,321.85	4,194.00	4,120.34	73.66	56.936		
10,800.00	6,840.00	8,130.43	6,991.52	134.91	33.38	162.33	1,519.72	-1,321.86	4,293.89	4,220.19	73.70	58.264		
10,900.00	6,840.00	8,129.63	6,991.51	137.49	33.37	162.11	1,520.52	-1,321.87	4,393.79	4,320.06	73.73	59.591		
11,000.00	6,840.00	8,128.85	6,991.50	140.07	33.37	161.89	1,521.30	-1,321.88	4,493.69	4,419.92	73.77	60.916		
11,100.00	6,840.00	8,128.07	6,991.48	142.65	33.36	161.68	1,522.07	-1,321.88	4,593.59	4,519.79	73.80	62.240		
11,200.00	6,840.00	8,127.31	6,991.47	145.24	33.35	161.47	1,522.83	-1,321.89	4,693.50	4,619.66	73.84	63.562		
11,300.00	6,840.00	8,126.57	6,991.45	147.83	33.34	161.26	1,523.58	-1,321.89	4,793.42	4,719.54	73.88	64.883		
11,400.00	6,840.00	8,125.83	6,991.44	150.43	33.33	161.06	1,524.31	-1,321.90	4,893.33	4,819.42	73.92	66.201		
11,500.00	6,840.00	8,125.11	6,991.43	153.04	33.32	160.86	1,525.03	-1,321.91	4,993.25	4,919.30	73.95	67.518		
11,600.00	6,840.00	8,124.40	6,991.42	155.64	33.31	160.67	1,525.74	-1,321.91	5,093.18	5,019.18	73.99	68.834		
11,700.00	6,840.00	8,123.70	6,991.40	158.26	33.31	160.47	1,526.44	-1,321.92	5,193.10	5,119.07	74.03	70.147		
11,800.00	6,840.00	8,123.01	6,991.39	160.87	33.30	160.29	1,527.13	-1,321.92	5,293.03	5,218.96	74.07	71.459		
11,900.00	6,840.00	8,122.34	6,991.38	163.49	33.29	160.10	1,527.81	-1,321.93	5,392.96	5,318.85	74.11	72.769		
12,000.00	6,840.00	8,121.67	6,991.37	166.11	33.28	159.92	1,528.47	-1,321.93	5,492.89	5,418.74	74.15	74.078		
12,100.00	6,840.00	8,121.02	6,991.36	168.74	33.28	159.74	1,529.13	-1,321.94	5,592.83	5,518.64	74.19	75.384		
12,200.00	6,840.00	8,120.37	6,991.35	171.37	33.27	159.57	1,529.78	-1,321.94	5,692.76	5,618.53	74.23	76.689		
12,300.00	6,840.00	8,119.73	6,991.33	174.00	33.26	159.40	1,530.41	-1,321.95	5,792.70	5,718.43	74.27	77.991		
12,400.00	6,840.00	8,119.11	6,991.32	176.63	33.25	159.23	1,531.04	-1,321.95	5,892.65	5,818.33	74.32	79.292		
12,500.00	6,840.00	8,118.49	6,991.31	179.27	33.25	159.06	1,531.65	-1,321.96	5,992.59	5,918.23	74.36	80.591		
12,600.00	6,840.00	8,117.88	6,991.30	181.91	33.24	158.90	1,532.26	-1,321.96	6,092.53	6,018.13	74.40	81.888		
12,700.00	6,840.00	8,117.29	6,991.29	184.55	33.23	158.74	1,532.86	-1,321.96	6,192.48	6,118.04	74.44	83.183		
12,800.00	6,840.00	8,116.70	6,991.28	187.19	33.23	158.58	1,533.45	-1,321.97	6,292.43	6,217.94	74.49	84.475		
12,900.00	6,840.00	8,116.12	6,991.27	189.84	33.22	158.43	1,534.03	-1,321.97	6,392.38	6,317.84	74.53	85.766		
13,000.00	6,840.00	8,115.54	6,991.26	192.48	33.21	158.28	1,534.60	-1,321.98	6,492.33	6,417.75	74.58	87.055		
13,100.00	6,840.00	8,114.98	6,991.25	195.13	33.21	158.13	1,535.16	-1,321.98	6,592.28	6,517.66	74.62	88.342		
13,200.00	6,840.00	8,114.42	6,991.25	197.79	33.20	157.98	1,535.72	-1,321.98	6,692.23	6,617.57	74.67	89.626		
13,300.00	6,840.00	8,113.88	6,991.24	200.44	33.19	157.83	1,536.27	-1,321.99	6,792.19	6,717.48	74.71	90.909		
13,400.00	6,840.00	8,113.34	6,991.23	203.10	33.19	157.69	1,536.81	-1,321.99	6,892.15	6,817.39	74.76	92.189		
13,500.00	6,840.00	8,112.80	6,991.22	205.75	33.18	157.55	1,537.34	-1,321.99	6,992.10	6,917.30	74.81	93.468		
13,600.00	6,840.00	8,112.28	6,991.21	208.41	33.18	157.41	1,537.87	-1,322.00	7,092.06	7,017.21	74.86	94.744		
13,700.00	6,840.00	8,111.76	6,991.20	211.07	33.17	157.28	1,538.38	-1,322.00	7,192.02	7,117.12	74.90	96.017		
13,800.00	6,840.00	8,111.25	6,991.19	213.74	33.16	157.14	1,538.89	-1,322.00	7,291.98	7,217.03	74.95	97.289		
13,900.00	6,840.00	8,110.75	6,991.19	216.40	33.16	157.01	1,539.40	-1,322.01	7,391.94	7,316.94	75.00	98.559		
14,000.00	6,840.00	8,110.25	6,991.18	219.06	33.15	156.88	1,539.89	-1,322.01	7,491.91	7,416.86	75.05	99.826		
14,100.00	6,840.00	8,109.76	6,991.17	221.73	33.15	156.75	1,540.38	-1,322.01	7,591.87	7,516.77	75.10	101.091		
14,200.00	6,840.00	8,109.27	6,991.16	224.40	33.14	156.63	1,540.87	-1,322.02	7,691.83	7,616.68	75.15	102.353		
14,300.00	6,840.00	8,108.80	6,991.15	227.07	33.14	156.50	1,541.35	-1,322.02	7,791.80	7,716.60	75.20	103.614		
14,400.00	6,840.00	8,108.33	6,991.15	229.74	33.13	156.38	1,541.82	-1,322.02	7,891.77	7,816.51	75.25	104.872		
14,500.00	6,840.00	8,107.86	6,991.14	232.41	33.13	156.26	1,542.28	-1,322.02	7,991.73	7,916.43	75.30	106.127		
14,600.00	6,840.00	8,107.40	6,991.13	235.08	33.12	156.14	1,542.74	-1,322.03	8,091.70	8,016.35	75.36	107.381		
14,700.00	6,840.00	8,106.95	6,991.12	237.75	33.12	156.03	1,543.19	-1,322.03	8,191.67	8,116.26	75.41	108.632		
14,800.00	6,840.00	8,106.50	6,991.12	240.43	33.11	155.91	1,543.64	-1,322.03	8,291.64	8,216.18	75.46	109.880		
14,900.00	6,840.00	8,106.06	6,991.11	243.10	33.11	155.80	1,544.08	-1,322.03	8,391.61	8,316.09	75.51	111.126		
15,000.00	6,840.00	8,105.63	6,991.10	245.78	33.10	155.69	1,544.51	-1,322.04	8,491.58	8,416.01	75.57	112.370		
15,100.00	6,840.00	8,105.20	6,991.10	248.46	33.10	155.58	1,544.94	-1,322.04	8,591.55	8,515.93	75.62	113.611		
15,200.00	6,840.00	8,104.77	6,991.09	251.14	33.09	155.47	1,545.37	-1,322.04	8,691.52	8,615.84	75.68	114.850		
15,300.00	6,840.00	8,104.35	6,991.08	253.82	33.09	155.36	1,545.79	-1,322.04	8,791.49	8,715.76	75.73	116.087		
15,400.00	6,840.00	8,103.94	6,991.08	256.50	33.08	155.26	1,546.20	-1,322.04	8,891.47	8,815.68	75.79	117.320		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL SURVEY												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 652-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	8,103.53	6,991.07	259.18	33.08	155.15	1,546.61	-1,322.05	8,991.44	8,915.60	75.84	118.552	
15,600.00	6,840.00	8,103.13	6,991.07	261.86	33.07	155.05	1,547.01	-1,322.05	9,091.41	9,015.51	75.90	119.781	
15,700.00	6,840.00	8,102.73	6,991.06	264.54	33.07	154.95	1,547.41	-1,322.05	9,191.39	9,115.43	75.96	121.007	
15,800.00	6,840.00	8,102.33	6,991.05	267.23	33.06	154.85	1,547.81	-1,322.05	9,291.36	9,215.35	76.01	122.231	
15,900.00	6,840.00	8,101.94	6,991.05	269.91	33.06	154.75	1,548.20	-1,322.05	9,391.34	9,315.27	76.07	123.452	
16,000.00	6,840.00	8,101.56	6,991.04	272.59	33.05	154.65	1,548.58	-1,322.06	9,491.31	9,415.18	76.13	124.671	
16,100.00	6,840.00	8,101.18	6,991.04	275.28	33.05	154.56	1,548.96	-1,322.06	9,591.29	9,515.10	76.19	125.887	
16,200.00	6,840.00	8,100.80	6,991.03	277.97	33.05	154.46	1,549.34	-1,322.06	9,691.27	9,615.02	76.25	127.101	
16,300.00	6,840.00	8,100.43	6,991.02	280.65	33.04	154.37	1,549.71	-1,322.06	9,791.25	9,714.94	76.31	128.312	
16,400.00	6,840.00	8,100.07	6,991.02	283.34	33.04	154.28	1,550.08	-1,322.06	9,891.22	9,814.86	76.37	129.520	
16,500.00	6,840.00	8,099.70	6,991.01	286.03	33.03	154.19	1,550.44	-1,322.06	9,991.20	9,914.77	76.43	130.726	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-101.14	-331.83	-1,685.77	1,718.69					
100.00	100.00	66.65	66.65	0.13	0.07	-101.14	-331.97	-1,685.54	1,717.95	1,717.75	0.20	8,678.606		
200.00	200.00	160.65	160.64	0.49	0.16	-101.16	-332.49	-1,684.80	1,717.30	1,716.65	0.65	2,638.786		
229.42	229.42	185.44	185.43	0.60	0.19	-101.17	-332.62	-1,684.74	1,717.26	1,716.48	0.78	2,196.244		
300.00	300.00	258.96	258.95	0.85	0.22	-101.18	-332.85	-1,684.70	1,717.27	1,716.21	1.06	1,615.411		
400.00	400.00	361.51	361.50	1.21	0.27	-101.17	-332.68	-1,684.39	1,716.94	1,715.45	1.48	1,158.627		
500.00	500.00	459.92	459.91	1.57	0.34	-101.17	-332.41	-1,684.17	1,716.67	1,714.76	1.91	897.624		
600.00	599.98	562.49	562.48	1.92	0.41	-46.62	-332.30	-1,683.92	1,715.21	1,712.88	2.33	735.484		
700.00	699.84	660.72	660.71	2.28	0.46	-46.80	-332.23	-1,683.53	1,711.22	1,708.48	2.74	624.876		
800.00	799.45	758.66	758.66	2.65	0.51	-47.10	-332.06	-1,683.38	1,705.06	1,701.92	3.15	541.892		
900.00	898.70	860.59	860.58	3.02	0.56	-47.53	-331.88	-1,683.16	1,696.52	1,692.96	3.57	475.876		
1,000.00	997.47	956.19	956.18	3.42	0.58	-48.06	-331.62	-1,682.88	1,685.61	1,681.64	3.97	424.737		
1,100.00	1,095.62	1,050.50	1,050.49	3.84	0.59	-48.72	-331.73	-1,682.87	1,672.81	1,668.44	4.37	383.053		
1,200.00	1,193.06	1,146.46	1,146.45	4.30	0.60	-49.50	-331.43	-1,683.03	1,657.96	1,653.17	4.80	345.689		
1,300.00	1,289.64	1,241.82	1,241.80	4.79	0.63	-50.42	-331.18	-1,683.31	1,641.20	1,635.93	5.27	311.700		
1,400.00	1,385.27	1,338.96	1,338.95	5.33	0.66	-51.50	-331.04	-1,683.55	1,622.49	1,616.73	5.76	281.455		
1,500.00	1,479.82	1,435.08	1,435.07	5.92	0.69	-52.72	-330.82	-1,683.68	1,601.87	1,595.57	6.30	254.177		
1,600.00	1,573.17	1,529.21	1,529.19	6.56	0.72	-54.07	-330.52	-1,683.81	1,579.61	1,572.72	6.89	229.361		
1,700.00	1,665.22	1,624.46	1,624.45	7.26	0.75	-55.55	-329.89	-1,683.89	1,555.75	1,548.22	7.52	206.761		
1,800.00	1,756.74	1,716.63	1,716.61	7.99	0.79	-56.71	-329.26	-1,683.87	1,531.66	1,523.46	8.20	186.792		
1,900.00	1,848.26	1,807.19	1,807.17	8.75	0.82	-57.87	-328.58	-1,683.89	1,508.28	1,499.38	8.90	169.392		
2,000.00	1,939.78	1,896.72	1,896.70	9.51	0.86	-59.06	-327.92	-1,684.02	1,485.71	1,476.07	9.63	154.228		
2,100.00	2,031.30	1,991.04	1,991.01	10.29	0.89	-60.34	-327.16	-1,684.18	1,463.86	1,453.47	10.39	140.944		
2,200.00	2,122.82	2,080.07	2,080.04	11.07	0.92	-61.57	-326.32	-1,684.36	1,442.75	1,431.59	11.16	129.269		
2,300.00	2,214.34	2,169.64	2,169.61	11.86	0.95	-62.84	-325.60	-1,684.68	1,422.63	1,410.67	11.96	118.997		
2,400.00	2,305.85	2,260.92	2,260.88	12.66	0.98	-64.17	-324.92	-1,685.09	1,403.43	1,390.66	12.77	109.919		
2,500.00	2,397.37	2,352.29	2,352.25	13.46	1.01	-65.53	-324.18	-1,685.54	1,385.10	1,371.51	13.60	101.864		
2,600.00	2,488.89	2,442.65	2,442.61	14.26	1.04	-66.90	-323.36	-1,686.11	1,367.74	1,353.29	14.44	94.699		
2,700.00	2,580.41	2,533.76	2,533.70	15.07	1.07	-68.31	-322.49	-1,686.85	1,351.41	1,336.11	15.30	88.314		
2,800.00	2,671.93	2,626.75	2,626.69	15.88	1.10	-69.77	-321.59	-1,687.56	1,336.00	1,319.82	16.18	82.596		
2,900.00	2,763.45	2,719.23	2,719.17	16.69	1.13	-71.26	-320.75	-1,688.20	1,321.54	1,304.48	17.06	77.467		
3,000.00	2,854.97	2,813.63	2,813.58	17.51	1.16	-72.81	-319.78	-1,688.76	1,307.97	1,290.02	17.95	72.852		
3,100.00	2,946.49	2,906.19	2,906.11	18.32	1.19	-74.35	-318.73	-1,689.27	1,295.36	1,276.50	18.86	68.691		
3,200.00	3,038.00	2,997.79	2,997.70	19.14	1.22	-75.90	-317.69	-1,689.76	1,283.82	1,264.05	19.77	64.943		
3,300.00	3,129.52	3,091.29	3,091.19	19.96	1.25	-77.50	-316.52	-1,690.31	1,273.35	1,252.66	20.68	61.566		
3,400.00	3,221.04	3,179.65	3,179.54	20.77	1.28	-79.03	-315.46	-1,690.84	1,264.06	1,242.46	21.60	58.523		
3,500.00	3,312.56	3,272.20	3,272.10	21.59	1.31	-80.67	-314.77	-1,691.25	1,256.10	1,233.58	22.52	55.787		
3,600.00	3,404.08	3,367.16	3,367.05	22.42	1.34	-82.39	-314.13	-1,691.34	1,249.18	1,225.75	23.43	53.308		
3,700.00	3,495.60	3,459.12	3,459.01	23.24	1.37	-84.08	-313.58	-1,691.09	1,243.32	1,218.98	24.35	51.070		
3,800.00	3,587.12	3,548.04	3,547.92	24.06	1.38	-85.74	-313.43	-1,690.57	1,238.86	1,213.61	25.25	49.061		
3,900.00	3,678.63	3,638.04	3,637.93	24.88	1.39	-87.43	-313.45	-1,690.14	1,235.92	1,209.78	26.15	47.271		
4,000.00	3,770.15	3,731.19	3,731.08	25.71	1.41	-89.19	-313.51	-1,689.57	1,234.27	1,207.25	27.03	45.669		
4,085.67	3,848.56	3,811.94	3,811.82	26.41	1.42	-90.72	-313.41	-1,689.02	1,233.78	1,206.02	27.77	44.435 CC		
4,100.00	3,861.67	3,823.98	3,823.86	26.53	1.42	-90.95	-313.40	-1,688.94	1,233.80	1,205.91	27.89	44.241 ES		
4,200.00	3,953.19	3,913.23	3,913.11	27.35	1.44	-92.64	-313.36	-1,688.36	1,234.74	1,206.00	28.73	42.973		
4,300.00	4,044.71	4,005.17	4,005.05	28.18	1.45	-94.37	-313.32	-1,687.84	1,237.07	1,207.51	29.56	41.854		
4,400.00	4,136.23	4,099.40	4,099.27	29.01	1.47	-96.14	-313.14	-1,687.29	1,240.60	1,210.23	30.36	40.861		
4,500.00	4,227.75	4,186.35	4,186.23	29.83	1.49	-97.75	-312.94	-1,686.96	1,245.50	1,214.36	31.13	40.004		
4,600.00	4,319.27	4,278.54	4,278.41	30.66	1.51	-99.44	-312.78	-1,686.87	1,251.85	1,219.96	31.89	39.258		
4,700.00	4,410.78	4,372.51	4,372.39	31.48	1.54	-101.15	-312.57	-1,686.57	1,259.32	1,226.70	32.62	38.605		
4,800.00	4,502.30	4,474.60	4,474.46	32.31	1.57	-102.99	-311.94	-1,686.01	1,267.64	1,234.31	33.34	38.026		
4,900.00	4,593.82	4,565.15	4,565.01	33.14	1.60	-104.61	-310.92	-1,685.20	1,276.64	1,242.62	34.02	37.529		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,685.34	4,661.74	4,661.59	33.96	1.62	-106.29	-309.75	-1,684.97	1,286.96	1,252.28	34.68	37.113		
5,100.00	4,776.86	4,756.50	4,756.32	34.79	1.65	-107.86	-307.62	-1,686.00	1,297.84	1,262.52	35.32	36.750		
5,200.00	4,868.38	4,847.42	4,847.21	35.62	1.67	-109.31	-305.55	-1,687.52	1,309.86	1,273.93	35.93	36.457		
5,300.00	4,959.90	4,937.71	4,937.47	36.45	1.70	-110.73	-303.56	-1,689.02	1,322.92	1,286.40	36.52	36.227		
5,400.00	5,051.41	5,028.03	5,027.75	37.27	1.72	-112.13	-301.80	-1,690.70	1,337.20	1,300.12	37.08	36.058		
5,500.00	5,142.93	5,124.28	5,123.96	38.10	1.75	-113.58	-299.77	-1,692.46	1,352.23	1,314.59	37.64	35.926		
5,600.00	5,234.45	5,217.62	5,217.27	38.93	1.77	-114.97	-297.72	-1,694.05	1,368.05	1,329.88	38.17	35.840		
5,700.00	5,325.97	5,312.99	5,312.60	39.76	1.80	-116.38	-295.51	-1,695.12	1,384.54	1,345.86	38.68	35.791 SF		
5,800.00	5,417.49	5,399.54	5,399.13	40.59	1.82	-117.63	-293.65	-1,695.99	1,402.03	1,362.86	39.16	35.800		
5,900.00	5,509.01	5,483.60	5,483.17	41.42	1.85	-118.83	-292.25	-1,696.86	1,420.79	1,381.17	39.62	35.863		
6,000.00	5,600.53	5,570.92	5,570.48	42.25	1.87	-120.04	-291.23	-1,697.76	1,440.79	1,400.73	40.06	35.969		
6,100.00	5,692.04	5,664.77	5,664.32	43.07	1.89	-121.31	-290.26	-1,698.88	1,461.69	1,421.19	40.49	36.096		
6,200.00	5,783.56	5,751.88	5,751.42	43.90	1.92	-122.47	-289.30	-1,699.66	1,483.25	1,442.35	40.90	36.265		
6,300.00	5,875.08	5,836.86	5,836.40	44.73	1.93	-123.57	-288.87	-1,700.46	1,506.06	1,464.77	41.28	36.480		
6,400.00	5,966.60	5,925.17	5,924.70	45.56	1.95	-124.68	-288.64	-1,701.46	1,529.76	1,488.09	41.66	36.718		
6,500.00	6,058.12	6,010.43	6,009.95	46.39	1.96	-125.71	-288.77	-1,702.62	1,554.45	1,512.43	42.02	36.994		
6,600.00	6,149.64	6,102.28	6,101.79	47.22	1.97	-126.79	-289.09	-1,704.06	1,579.91	1,537.53	42.38	37.278		
6,700.00	6,241.16	6,185.64	6,185.14	48.05	1.97	-127.74	-289.61	-1,705.41	1,606.19	1,563.48	42.71	37.605		
6,800.00	6,332.68	6,271.36	6,270.85	48.88	1.97	-128.69	-290.54	-1,706.68	1,633.42	1,590.39	43.04	37.954		
6,900.00	6,424.19	6,359.90	6,359.37	49.71	1.97	-129.65	-291.73	-1,707.80	1,661.43	1,618.07	43.36	38.318		
7,000.00	6,514.88	6,448.15	6,447.61	50.58	1.97	-122.94	-293.02	-1,708.74	1,690.15	1,646.47	43.68	38.691		
7,100.00	6,599.14	6,529.35	6,528.78	51.67	1.97	-113.78	-294.37	-1,709.76	1,720.19	1,676.13	44.06	39.039		
7,200.00	6,673.85	6,600.68	6,600.10	53.01	1.97	-107.72	-295.72	-1,710.73	1,751.84	1,707.34	44.50	39.372		
7,300.00	6,736.73	6,662.62	6,662.02	54.56	1.96	-103.15	-296.97	-1,711.48	1,785.30	1,740.34	44.96	39.711		
7,400.00	6,785.87	6,712.32	6,711.71	56.29	1.96	-99.20	-297.97	-1,711.94	1,820.72	1,775.31	45.41	40.093		
7,500.00	6,819.79	6,750.20	6,749.58	58.13	1.96	-95.45	-298.68	-1,712.25	1,858.01	1,812.18	45.83	40.542		
7,600.00	6,837.44	6,770.35	6,769.72	60.02	1.96	-91.51	-299.03	-1,712.41	1,896.85	1,850.69	46.15	41.099		
7,700.00	6,840.00	6,774.01	6,773.39	61.90	1.96	-89.26	-299.09	-1,712.44	1,936.92	1,890.56	46.36	41.777		
7,800.00	6,840.00	6,774.87	6,774.25	63.83	1.96	-89.29	-299.10	-1,712.45	1,980.66	1,934.13	46.53	42.568		
7,900.00	6,840.00	6,775.73	6,775.11	65.81	1.96	-89.32	-299.11	-1,712.45	2,028.39	1,981.72	46.67	43.466		
8,000.00	6,840.00	6,776.59	6,775.97	67.84	1.96	-89.35	-299.13	-1,712.46	2,079.84	2,033.06	46.77	44.466		
8,100.00	6,840.00	6,777.45	6,776.83	69.91	1.96	-89.38	-299.14	-1,712.47	2,134.73	2,087.87	46.86	45.558		
8,200.00	6,840.00	6,778.31	6,777.68	72.03	1.96	-89.40	-299.16	-1,712.47	2,192.81	2,145.89	46.92	46.736		
8,300.00	6,840.00	6,779.17	6,778.54	74.18	1.96	-89.43	-299.17	-1,712.48	2,253.83	2,206.87	46.96	47.993		
8,400.00	6,840.00	6,780.02	6,779.40	76.37	1.96	-89.46	-299.18	-1,712.49	2,317.56	2,270.58	46.99	49.323		
8,500.00	6,840.00	6,780.88	6,780.25	78.59	1.96	-89.49	-299.20	-1,712.49	2,383.79	2,336.79	47.00	50.719		
8,600.00	6,840.00	6,781.73	6,781.10	80.85	1.96	-89.52	-299.21	-1,712.50	2,452.30	2,405.30	47.00	52.175		
8,700.00	6,840.00	6,782.58	6,781.96	83.13	1.96	-89.54	-299.22	-1,712.51	2,522.92	2,475.93	46.99	53.687		
8,800.00	6,840.00	6,783.43	6,782.81	85.44	1.96	-89.57	-299.24	-1,712.51	2,595.47	2,548.49	46.98	55.250		
8,900.00	6,840.00	6,784.28	6,783.66	87.77	1.96	-89.60	-299.25	-1,712.52	2,669.79	2,622.84	46.96	56.858		
9,000.00	6,840.00	6,785.13	6,784.50	90.12	1.96	-89.63	-299.27	-1,712.53	2,745.75	2,698.82	46.93	58.509		
9,100.00	6,840.00	6,785.98	6,785.35	92.50	1.96	-89.65	-299.28	-1,712.53	2,823.20	2,776.30	46.90	60.198		
9,200.00	6,840.00	6,786.83	6,786.20	94.89	1.96	-89.68	-299.29	-1,712.54	2,902.03	2,855.17	46.87	61.921		
9,300.00	6,840.00	6,787.67	6,787.04	97.30	1.96	-89.71	-299.31	-1,712.55	2,982.14	2,935.30	46.83	63.677		
9,400.00	6,840.00	6,788.52	6,787.89	99.73	1.96	-89.74	-299.32	-1,712.55	3,063.41	3,016.61	46.80	65.461		
9,500.00	6,840.00	6,789.36	6,788.73	102.17	1.96	-89.76	-299.33	-1,712.56	3,145.76	3,099.00	46.76	67.272		
9,600.00	6,840.00	6,790.20	6,789.57	104.63	1.96	-89.79	-299.34	-1,712.57	3,229.10	3,182.38	46.73	69.106		
9,700.00	6,840.00	6,791.04	6,790.41	107.10	1.96	-89.82	-299.36	-1,712.57	3,313.37	3,266.68	46.69	70.963		
9,800.00	6,840.00	6,791.88	6,791.25	109.58	1.96	-89.85	-299.37	-1,712.58	3,398.49	3,351.84	46.66	72.839		
9,900.00	6,840.00	6,792.72	6,792.09	112.07	1.96	-89.87	-299.38	-1,712.59	3,484.41	3,437.78	46.62	74.733		
10,000.00	6,840.00	6,793.56	6,792.93	114.58	1.96	-89.90	-299.40	-1,712.59	3,571.05	3,524.46	46.59	76.643		
10,100.00	6,840.00	6,794.40	6,793.77	117.09	1.96	-89.93	-299.41	-1,712.60	3,658.38	3,611.82	46.56	78.568		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,795.23	6,794.60	119.61	1.96	-89.95	-299.42	-1,712.61	3,746.34	3,699.80	46.53	80.507		
10,300.00	6,840.00	6,796.07	6,795.44	122.14	1.96	-89.98	-299.43	-1,712.61	3,834.89	3,788.38	46.51	82.458		
10,400.00	6,840.00	6,796.90	6,796.27	124.68	1.96	-90.01	-299.45	-1,712.62	3,923.99	3,877.51	46.48	84.419		
10,500.00	6,840.00	6,797.73	6,797.10	127.23	1.96	-90.04	-299.46	-1,712.63	4,013.60	3,967.14	46.46	86.391		
10,600.00	6,840.00	6,798.56	6,797.93	129.78	1.96	-90.06	-299.47	-1,712.63	4,103.70	4,057.26	46.44	88.371		
10,700.00	6,840.00	6,799.39	6,798.76	132.35	1.96	-90.09	-299.49	-1,712.64	4,194.24	4,147.82	46.42	90.359		
10,800.00	6,840.00	6,800.22	6,799.59	134.91	1.96	-90.12	-299.50	-1,712.64	4,285.20	4,238.80	46.40	92.355		
10,900.00	6,840.00	6,801.05	6,800.42	137.49	1.96	-90.14	-299.51	-1,712.65	4,376.56	4,330.17	46.38	94.356		
11,000.00	6,840.00	6,801.88	6,801.25	140.07	1.96	-90.17	-299.52	-1,712.66	4,468.28	4,421.92	46.37	96.363		
11,100.00	6,840.00	6,802.70	6,802.07	142.65	1.96	-90.20	-299.53	-1,712.66	4,560.36	4,514.00	46.36	98.375		
11,200.00	6,840.00	6,803.53	6,802.90	145.24	1.96	-90.22	-299.55	-1,712.67	4,652.76	4,606.41	46.35	100.391		
11,300.00	6,840.00	6,804.35	6,803.72	147.83	1.96	-90.25	-299.56	-1,712.68	4,745.47	4,699.13	46.34	102.411		
11,400.00	6,840.00	6,805.18	6,804.54	150.43	1.96	-90.28	-299.57	-1,712.68	4,838.47	4,792.14	46.33	104.434		
11,500.00	6,840.00	6,806.00	6,805.37	153.04	1.96	-90.30	-299.58	-1,712.69	4,931.74	4,885.42	46.33	106.459		
11,600.00	6,840.00	6,806.82	6,806.19	155.64	1.96	-90.33	-299.60	-1,712.70	5,025.28	4,978.95	46.32	108.487		
11,700.00	6,840.00	6,807.64	6,807.01	158.26	1.96	-90.36	-299.61	-1,712.70	5,119.05	5,072.73	46.32	110.516		
11,800.00	6,840.00	6,808.46	6,807.83	160.87	1.96	-90.38	-299.62	-1,712.71	5,213.06	5,166.74	46.32	112.546		
11,900.00	6,840.00	6,809.27	6,808.64	163.49	1.96	-90.41	-299.63	-1,712.71	5,307.29	5,260.97	46.32	114.577		
12,000.00	6,840.00	6,810.09	6,809.46	166.11	1.96	-90.44	-299.64	-1,712.72	5,401.72	5,355.40	46.32	116.609		
12,100.00	6,840.00	6,810.91	6,810.27	168.74	1.96	-90.46	-299.66	-1,712.73	5,496.35	5,450.02	46.33	118.641		
12,200.00	6,840.00	6,811.72	6,811.09	171.37	1.96	-90.49	-299.67	-1,712.73	5,591.17	5,544.84	46.33	120.672		
12,300.00	6,840.00	6,812.53	6,811.90	174.00	1.96	-90.52	-299.68	-1,712.74	5,686.17	5,639.82	46.34	122.703		
12,400.00	6,840.00	6,813.35	6,812.71	176.63	1.96	-90.54	-299.69	-1,712.75	5,781.33	5,734.98	46.35	124.733		
12,500.00	6,840.00	6,812.51	6,811.88	179.27	1.96	-90.52	-299.69	-1,712.74	5,876.66	5,830.30	46.35	126.780		
12,600.00	6,840.00	6,813.25	6,812.61	181.91	1.96	-90.54	-299.70	-1,712.75	5,972.13	5,925.77	46.36	128.808		
12,700.00	6,840.00	6,813.98	6,813.35	184.55	1.96	-90.56	-299.71	-1,712.75	6,067.76	6,021.38	46.38	130.835		
12,800.00	6,840.00	6,814.72	6,814.09	187.19	1.96	-90.59	-299.72	-1,712.76	6,163.52	6,117.13	46.39	132.860		
12,900.00	6,840.00	6,815.46	6,814.82	189.84	1.96	-90.61	-299.73	-1,712.76	6,259.41	6,213.01	46.41	134.883		
13,000.00	6,840.00	6,816.19	6,815.56	192.48	1.96	-90.64	-299.75	-1,712.77	6,355.43	6,309.01	46.42	136.903		
13,100.00	6,840.00	6,816.93	6,816.30	195.13	1.96	-90.66	-299.76	-1,712.78	6,451.57	6,405.13	46.44	138.921		
13,200.00	6,840.00	6,817.68	6,817.04	197.79	1.96	-90.68	-299.77	-1,712.78	6,547.83	6,501.37	46.46	140.936		
13,300.00	6,840.00	6,818.42	6,817.79	200.44	1.96	-90.71	-299.78	-1,712.79	6,644.20	6,597.72	46.48	142.949		
13,400.00	6,840.00	6,819.16	6,818.53	203.10	1.96	-90.73	-299.79	-1,712.79	6,740.67	6,694.17	46.50	144.958		
13,500.00	6,840.00	6,819.91	6,819.27	205.75	1.96	-90.76	-299.81	-1,712.80	6,837.25	6,790.72	46.52	146.964		
13,600.00	6,840.00	6,820.65	6,820.02	208.41	1.96	-90.78	-299.82	-1,712.81	6,933.92	6,887.37	46.55	148.966		
13,700.00	6,840.00	6,821.40	6,820.76	211.07	1.96	-90.81	-299.83	-1,712.81	7,030.68	6,984.11	46.57	150.965		
13,800.00	6,840.00	6,822.14	6,821.51	213.74	1.96	-90.83	-299.84	-1,712.82	7,127.54	7,080.94	46.60	152.960		
13,900.00	6,840.00	6,822.89	6,822.26	216.40	1.96	-90.85	-299.85	-1,712.82	7,224.48	7,177.85	46.62	154.951		
14,000.00	6,840.00	6,823.64	6,823.01	219.06	1.96	-90.88	-299.87	-1,712.83	7,321.50	7,274.85	46.65	156.939		
14,100.00	6,840.00	6,824.39	6,823.76	221.73	1.96	-90.90	-299.88	-1,712.84	7,418.60	7,371.92	46.68	158.922		
14,200.00	6,840.00	6,825.15	6,824.51	224.40	1.96	-90.93	-299.89	-1,712.84	7,515.78	7,469.07	46.71	160.901		
14,300.00	6,840.00	6,825.90	6,825.27	227.07	1.96	-90.95	-299.90	-1,712.85	7,613.03	7,566.28	46.74	162.875		
14,400.00	6,840.00	6,826.65	6,826.02	229.74	1.96	-90.98	-299.92	-1,712.85	7,710.35	7,663.57	46.77	164.845		
14,500.00	6,840.00	6,827.41	6,826.78	232.41	1.96	-91.00	-299.93	-1,712.86	7,807.73	7,760.93	46.81	166.811		
14,600.00	6,840.00	6,828.17	6,827.53	235.08	1.96	-91.03	-299.94	-1,712.87	7,905.19	7,858.35	46.84	168.772		
14,700.00	6,840.00	6,828.92	6,828.29	237.75	1.96	-91.05	-299.96	-1,712.87	8,002.70	7,955.83	46.87	170.728		
14,800.00	6,840.00	6,829.68	6,829.05	240.43	1.96	-91.07	-299.97	-1,712.88	8,100.28	8,053.37	46.91	172.679		
14,900.00	6,840.00	6,830.44	6,829.81	243.10	1.96	-91.10	-299.98	-1,712.88	8,197.91	8,150.97	46.95	174.625		
15,000.00	6,840.00	6,831.20	6,830.57	245.78	1.96	-91.12	-299.99	-1,712.89	8,295.60	8,248.62	46.98	176.566		
15,100.00	6,840.00	6,831.97	6,831.33	248.46	1.96	-91.15	-300.01	-1,712.90	8,393.35	8,346.33	47.02	178.502		
15,200.00	6,840.00	6,832.73	6,832.09	251.14	1.96	-91.17	-300.02	-1,712.90	8,491.15	8,444.09	47.06	180.432		
15,300.00	6,840.00	6,833.49	6,832.86	253.82	1.96	-91.20	-300.03	-1,712.91	8,588.99	8,541.89	47.10	182.357		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	6,840.00	6,834.26	6,833.63	256.50	1.96	-91.22	-300.05	-1,712.91	8,686.89	8,639.75	47.14	184.277	
15,500.00	6,840.00	6,835.03	6,834.39	259.18	1.96	-91.25	-300.06	-1,712.92	8,784.84	8,737.65	47.18	186.192	
15,600.00	6,840.00	6,835.80	6,835.16	261.86	1.96	-91.27	-300.07	-1,712.93	8,882.83	8,835.60	47.22	188.101	
15,700.00	6,840.00	6,836.56	6,835.93	264.54	1.96	-91.30	-300.09	-1,712.93	8,980.86	8,933.59	47.27	190.004	
15,800.00	6,840.00	6,837.34	6,836.70	267.23	1.96	-91.32	-300.10	-1,712.94	9,078.94	9,031.63	47.31	191.901	
15,900.00	6,840.00	6,838.11	6,837.47	269.91	1.96	-91.35	-300.11	-1,712.95	9,177.06	9,129.70	47.35	193.793	
16,000.00	6,840.00	6,838.88	6,838.24	272.59	1.96	-91.37	-300.13	-1,712.95	9,275.21	9,227.81	47.40	195.679	
16,100.00	6,840.00	6,839.65	6,839.02	275.28	1.96	-91.40	-300.14	-1,712.96	9,373.41	9,325.97	47.45	197.560	
16,200.00	6,840.00	6,840.43	6,839.79	277.97	1.96	-91.42	-300.15	-1,712.96	9,471.65	9,424.15	47.49	199.434	
16,300.00	6,840.00	6,841.21	6,840.57	280.65	1.96	-91.45	-300.17	-1,712.97	9,569.92	9,522.38	47.54	201.302	
16,400.00	6,840.00	6,841.98	6,841.35	283.34	1.96	-91.47	-300.18	-1,712.98	9,668.23	9,620.64	47.59	203.165	
16,500.00	6,840.00	6,842.76	6,842.12	286.03	1.96	-91.50	-300.19	-1,712.98	9,766.57	9,718.93	47.64	205.021	
16,600.00	6,840.00	6,843.54	6,842.90	288.72	1.96	-91.52	-300.21	-1,712.99	9,864.94	9,817.26	47.69	206.871	
16,700.00	6,840.00	6,844.32	6,843.69	291.41	1.96	-91.55	-300.22	-1,713.00	9,963.35	9,915.61	47.74	208.715	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-132.92	-1,595.96	-1,716.55	2,344.02					
100.00	100.00	77.84	77.84	0.13	0.07	-132.92	-1,596.06	-1,716.33	2,343.76	2,343.56	0.21	N/A		
200.00	200.00	190.35	190.35	0.49	0.21	-132.94	-1,596.23	-1,715.41	2,343.27	2,342.56	0.71	3,321.013		
300.00	300.00	304.93	304.92	0.85	0.31	-132.95	-1,595.66	-1,714.23	2,342.18	2,341.02	1.16	2,018.251		
400.00	400.00	403.32	403.30	1.21	0.38	-132.95	-1,594.69	-1,713.32	2,340.82	2,339.24	1.59	1,474.130		
500.00	500.00	509.19	509.15	1.57	0.45	-132.94	-1,593.45	-1,712.35	2,339.36	2,337.35	2.01	1,162.429		
600.00	599.98	603.15	603.10	1.92	0.50	-78.39	-1,592.13	-1,711.75	2,337.58	2,335.16	2.42	966.838		
700.00	699.84	708.63	708.57	2.28	0.55	-78.55	-1,590.45	-1,711.22	2,335.08	2,332.25	2.83	825.699		
800.00	799.45	800.79	800.71	2.65	0.59	-78.79	-1,589.04	-1,710.78	2,331.96	2,328.73	3.24	720.625		
900.00	898.70	898.33	898.25	3.02	0.64	-79.13	-1,587.64	-1,710.48	2,328.39	2,324.73	3.66	636.655		
1,000.00	997.47	987.66	987.57	3.42	0.68	-79.52	-1,586.45	-1,710.39	2,324.46	2,320.37	4.09	568.329		
1,100.00	1,095.62	1,084.39	1,084.30	3.84	0.72	-80.03	-1,585.39	-1,710.45	2,320.27	2,315.72	4.55	509.987		
1,200.00	1,193.06	1,180.01	1,179.91	4.30	0.76	-80.63	-1,584.48	-1,710.42	2,315.70	2,310.66	5.04	459.484		
1,300.00	1,289.64	1,273.99	1,273.89	4.79	0.79	-81.31	-1,583.65	-1,710.48	2,310.89	2,305.32	5.57	415.197		
1,400.00	1,385.27	1,366.57	1,366.46	5.33	0.83	-82.06	-1,582.99	-1,710.53	2,305.99	2,299.85	6.13	375.884		
1,500.00	1,479.82	1,453.58	1,453.47	5.92	0.86	-82.85	-1,582.61	-1,710.59	2,301.19	2,294.45	6.74	341.207		
1,600.00	1,573.17	1,542.75	1,542.64	6.56	0.88	-83.71	-1,582.26	-1,711.09	2,296.79	2,289.38	7.40	310.171		
1,700.00	1,665.22	1,636.45	1,636.34	7.26	0.91	-84.69	-1,582.05	-1,711.41	2,292.58	2,284.45	8.13	282.126		
1,800.00	1,756.74	1,728.01	1,727.90	7.99	0.93	-85.60	-1,581.84	-1,711.70	2,288.89	2,280.01	8.89	257.582		
1,900.00	1,848.26	1,821.13	1,821.02	8.75	0.96	-86.53	-1,581.54	-1,712.13	2,285.91	2,276.24	9.67	236.510		
2,000.00	1,939.78	1,922.72	1,922.60	9.51	0.99	-87.54	-1,581.01	-1,712.38	2,283.36	2,272.89	10.46	218.240		
2,100.00	2,031.30	2,023.52	2,023.40	10.29	1.03	-88.55	-1,580.24	-1,712.22	2,281.08	2,269.81	11.28	202.277		
2,200.00	2,122.82	2,122.76	2,122.64	11.07	1.07	-89.55	-1,579.19	-1,712.00	2,279.28	2,267.18	12.10	188.352		
2,300.00	2,214.34	2,230.67	2,230.52	11.86	1.11	-90.62	-1,577.15	-1,711.67	2,277.48	2,264.55	12.93	176.097		
2,400.00	2,305.85	2,320.97	2,320.81	12.66	1.14	-91.52	-1,575.35	-1,711.30	2,276.25	2,262.49	13.76	165.378		
2,500.00	2,397.37	2,417.60	2,417.42	13.46	1.17	-92.49	-1,573.50	-1,710.51	2,275.56	2,260.96	14.60	155.869		
2,540.36	2,434.31	2,451.92	2,451.73	13.78	1.18	-92.84	-1,572.91	-1,710.13	2,275.48	2,260.54	14.94	152.352 CC		
2,600.00	2,488.89	2,502.52	2,502.32	14.26	1.20	-93.35	-1,572.16	-1,709.51	2,275.65	2,260.22	15.43	147.462 ES		
2,700.00	2,580.41	2,583.80	2,583.58	15.07	1.22	-94.19	-1,571.35	-1,708.34	2,276.81	2,260.55	16.26	140.019		
2,800.00	2,671.93	2,675.61	2,675.38	15.88	1.25	-95.14	-1,570.81	-1,706.88	2,278.93	2,261.84	17.09	133.347		
2,900.00	2,763.45	2,763.82	2,763.58	16.69	1.27	-96.05	-1,570.19	-1,705.56	2,281.76	2,263.84	17.92	127.359		
3,000.00	2,854.97	2,849.43	2,849.19	17.51	1.30	-96.93	-1,569.73	-1,704.43	2,285.53	2,266.79	18.74	121.985		
3,100.00	2,946.49	2,934.60	2,934.34	18.32	1.32	-97.80	-1,569.48	-1,703.37	2,290.25	2,270.70	19.55	117.149		
3,200.00	3,038.00	3,019.47	3,019.21	19.14	1.34	-98.66	-1,569.37	-1,702.55	2,295.95	2,275.59	20.36	112.791		
3,300.00	3,129.52	3,103.40	3,103.14	19.96	1.36	-99.51	-1,569.48	-1,701.85	2,302.63	2,281.48	21.15	108.865		
3,400.00	3,221.04	3,182.37	3,182.10	20.77	1.36	-100.31	-1,569.89	-1,701.35	2,310.41	2,288.48	21.93	105.366		
3,500.00	3,312.56	3,268.33	3,268.07	21.59	1.37	-101.17	-1,570.64	-1,700.99	2,319.26	2,296.57	22.70	102.189		
3,600.00	3,404.08	3,360.57	3,360.29	22.42	1.37	-102.09	-1,571.55	-1,700.55	2,328.89	2,305.43	23.46	99.277		
3,700.00	3,495.60	3,449.39	3,449.12	23.24	1.38	-102.97	-1,572.40	-1,700.02	2,339.15	2,314.93	24.21	96.613		
3,800.00	3,587.12	3,535.64	3,535.36	24.06	1.38	-103.81	-1,573.34	-1,699.78	2,350.28	2,325.33	24.95	94.183		
3,900.00	3,678.63	3,624.02	3,623.73	24.88	1.39	-104.67	-1,574.38	-1,699.69	2,362.21	2,336.52	25.69	91.953		
4,000.00	3,770.15	3,712.03	3,711.73	25.71	1.39	-105.51	-1,575.52	-1,699.65	2,374.91	2,348.49	26.42	89.906		
4,100.00	3,861.67	3,799.17	3,798.86	26.53	1.39	-106.34	-1,576.75	-1,699.71	2,388.38	2,361.24	27.13	88.026		
4,200.00	3,953.19	3,892.22	3,891.91	27.35	1.40	-107.21	-1,578.06	-1,699.97	2,402.51	2,374.67	27.85	86.281		
4,300.00	4,044.71	3,983.01	3,982.68	28.18	1.40	-108.05	-1,579.27	-1,700.32	2,417.23	2,388.68	28.55	84.670		
4,400.00	4,136.23	4,073.89	4,073.55	29.01	1.40	-108.88	-1,580.52	-1,700.63	2,432.56	2,403.32	29.24	83.180		
4,500.00	4,227.75	4,170.14	4,169.80	29.83	1.41	-109.75	-1,581.81	-1,700.86	2,448.42	2,418.48	29.94	81.790		
4,600.00	4,319.27	4,267.71	4,267.36	30.66	1.41	-110.63	-1,582.88	-1,700.97	2,464.61	2,433.99	30.62	80.492		
4,700.00	4,410.78	4,367.76	4,367.41	31.48	1.42	-111.51	-1,583.65	-1,701.22	2,481.11	2,449.82	31.30	79.275		
4,800.00	4,502.30	4,473.74	4,473.38	32.31	1.42	-112.42	-1,583.92	-1,701.79	2,497.74	2,465.77	31.98	78.115		
4,900.00	4,593.82	4,599.62	4,599.26	33.14	1.44	-113.48	-1,582.99	-1,702.73	2,514.06	2,481.39	32.67	76.955		
5,000.00	4,685.34	4,708.01	4,707.62	33.96	1.46	-114.37	-1,581.00	-1,703.66	2,529.89	2,496.54	33.35	75.862		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,797.90	4,797.49	34.79	1.48	-115.10	-1,579.13	-1,704.47	2,545.97	2,511.97	34.00	74.871		
5,200.00	4,868.38	4,889.61	4,889.18	35.62	1.50	-115.84	-1,577.22	-1,705.40	2,562.56	2,527.91	34.65	73.946		
5,300.00	4,959.90	4,976.41	4,975.95	36.45	1.51	-116.52	-1,575.49	-1,706.47	2,579.72	2,544.43	35.29	73.098		
5,400.00	5,051.41	5,059.92	5,059.44	37.27	1.53	-117.17	-1,574.04	-1,707.61	2,597.58	2,561.67	35.92	72.324		
5,500.00	5,142.93	5,146.51	5,146.02	38.10	1.55	-117.83	-1,572.83	-1,708.76	2,616.19	2,579.66	36.53	71.610		
5,600.00	5,234.45	5,234.38	5,233.87	38.93	1.56	-118.50	-1,571.72	-1,709.92	2,635.35	2,598.21	37.14	70.949		
5,700.00	5,325.97	5,321.23	5,320.70	39.76	1.58	-119.15	-1,570.83	-1,711.17	2,655.17	2,617.43	37.75	70.344		
5,800.00	5,417.49	5,415.53	5,414.99	40.59	1.60	-119.85	-1,569.84	-1,712.55	2,675.38	2,637.03	38.35	69.768		
5,900.00	5,509.01	5,497.91	5,497.36	41.42	1.61	-120.45	-1,569.13	-1,713.81	2,696.16	2,657.24	38.93	69.264		
6,000.00	5,600.53	5,598.43	5,597.87	42.25	1.63	-121.18	-1,568.31	-1,715.00	2,717.37	2,677.86	39.52	68.764		
6,100.00	5,692.04	5,687.49	5,686.93	43.07	1.65	-121.83	-1,567.50	-1,715.39	2,738.88	2,698.79	40.09	68.322		
6,200.00	5,783.56	5,779.14	5,778.57	43.90	1.67	-122.50	-1,566.75	-1,715.23	2,760.84	2,720.19	40.65	67.916		
6,300.00	5,875.08	5,863.64	5,863.07	44.73	1.69	-123.12	-1,566.13	-1,714.69	2,783.29	2,742.10	41.19	67.567		
6,400.00	5,966.60	5,949.87	5,949.29	45.56	1.70	-123.74	-1,565.74	-1,713.84	2,806.41	2,764.68	41.73	67.259		
6,500.00	6,058.12	6,033.53	6,032.95	46.39	1.72	-124.35	-1,565.47	-1,712.81	2,830.05	2,787.81	42.24	66.995		
6,600.00	6,149.64	6,113.78	6,113.19	47.22	1.73	-124.92	-1,565.58	-1,712.02	2,854.48	2,811.74	42.75	66.779		
6,700.00	6,241.16	6,214.98	6,214.39	48.05	1.74	-125.62	-1,565.61	-1,711.36	2,879.19	2,835.92	43.27	66.540		
6,800.00	6,332.68	6,293.29	6,292.70	48.88	1.75	-126.15	-1,565.74	-1,710.90	2,904.37	2,860.61	43.76	66.376		
6,900.00	6,424.19	6,385.90	6,385.31	49.71	1.76	-126.77	-1,566.09	-1,710.39	2,930.11	2,885.85	44.25	66.212		
7,000.00	6,514.88	6,489.58	6,488.99	50.58	1.76	-119.97	-1,566.25	-1,710.17	2,955.94	2,911.16	44.78	66.005		
7,100.00	6,599.14	6,572.04	6,571.45	51.67	1.77	-110.78	-1,566.19	-1,710.18	2,981.67	2,936.23	45.44	65.621		
7,200.00	6,673.85	6,645.32	6,644.73	53.01	1.76	-104.80	-1,566.22	-1,710.22	3,007.49	2,961.24	46.25	65.032		
7,300.00	6,736.73	6,708.39	6,707.80	54.56	1.76	-100.48	-1,566.27	-1,710.44	3,033.34	2,986.15	47.19	64.282		
7,400.00	6,785.87	6,748.88	6,748.29	56.29	1.76	-96.89	-1,566.38	-1,710.61	3,059.28	3,011.07	48.21	63.456		
7,500.00	6,819.79	6,777.75	6,777.16	58.13	1.76	-93.82	-1,566.52	-1,710.72	3,085.19	3,035.91	49.28	62.603		
7,600.00	6,837.44	6,792.89	6,792.30	60.02	1.76	-91.07	-1,566.61	-1,710.77	3,110.73	3,060.38	50.35	61.787		
7,700.00	6,840.00	6,795.33	6,794.74	61.90	1.76	-89.67	-1,566.62	-1,710.78	3,135.81	3,084.45	51.36	61.056		
7,800.00	6,840.00	6,795.62	6,795.03	63.83	1.76	-89.68	-1,566.62	-1,710.78	3,163.24	3,110.89	52.36	60.416		
7,900.00	6,840.00	6,795.91	6,795.31	65.81	1.76	-89.68	-1,566.63	-1,710.78	3,193.57	3,140.23	53.34	59.871		
8,000.00	6,840.00	6,796.20	6,795.60	67.84	1.76	-89.69	-1,566.63	-1,710.78	3,226.72	3,172.41	54.31	59.417		
8,100.00	6,840.00	6,796.48	6,795.89	69.91	1.76	-89.70	-1,566.63	-1,710.79	3,262.59	3,207.34	55.25	59.054		
8,200.00	6,840.00	6,796.77	6,796.17	72.03	1.76	-89.70	-1,566.63	-1,710.79	3,301.10	3,244.94	56.16	58.777		
8,300.00	6,840.00	6,797.05	6,796.46	74.18	1.76	-89.71	-1,566.63	-1,710.79	3,342.17	3,285.12	57.05	58.584		
8,400.00	6,840.00	6,797.34	6,796.74	76.37	1.76	-89.71	-1,566.64	-1,710.79	3,385.69	3,327.78	57.90	58.471		
8,500.00	6,840.00	6,797.62	6,797.03	78.59	1.76	-89.72	-1,566.64	-1,710.79	3,431.57	3,372.84	58.73	58.433 SF		
8,600.00	6,840.00	6,797.91	6,797.31	80.85	1.76	-89.72	-1,566.64	-1,710.79	3,479.72	3,420.20	59.52	58.468		
8,700.00	6,840.00	6,798.19	6,797.59	83.13	1.76	-89.73	-1,566.64	-1,710.79	3,530.05	3,469.78	60.27	58.571		
8,800.00	6,840.00	6,798.47	6,797.88	85.44	1.76	-89.73	-1,566.64	-1,710.79	3,582.46	3,521.47	60.99	58.739		
8,900.00	6,840.00	6,798.75	6,798.16	87.77	1.76	-89.74	-1,566.65	-1,710.79	3,636.87	3,575.19	61.68	58.968		
9,000.00	6,840.00	6,799.04	6,798.44	90.12	1.76	-89.74	-1,566.65	-1,710.79	3,693.18	3,630.86	62.33	59.254		
9,100.00	6,840.00	6,799.32	6,798.72	92.50	1.76	-89.75	-1,566.65	-1,710.80	3,751.32	3,688.37	62.95	59.594		
9,200.00	6,840.00	6,799.60	6,799.00	94.89	1.76	-89.75	-1,566.65	-1,710.80	3,811.19	3,747.66	63.53	59.986		
9,300.00	6,840.00	6,800.00	6,799.40	97.30	1.76	-89.76	-1,566.65	-1,710.80	3,872.72	3,808.63	64.09	60.425		
9,400.00	6,840.00	6,800.22	6,799.63	99.73	1.76	-89.77	-1,566.66	-1,710.80	3,935.83	3,871.21	64.62	60.909		
9,500.00	6,840.00	6,800.62	6,800.03	102.17	1.76	-89.77	-1,566.66	-1,710.80	4,000.44	3,935.33	65.12	61.436		
9,600.00	6,840.00	6,801.03	6,800.43	104.63	1.76	-89.78	-1,566.66	-1,710.80	4,066.49	4,000.90	65.59	62.002		
9,700.00	6,840.00	6,801.43	6,800.84	107.10	1.76	-89.79	-1,566.66	-1,710.80	4,133.90	4,067.87	66.03	62.606		
9,800.00	6,840.00	6,801.84	6,801.24	109.58	1.76	-89.80	-1,566.67	-1,710.80	4,202.61	4,136.16	66.45	63.245		
9,900.00	6,840.00	6,802.24	6,801.65	112.07	1.76	-89.80	-1,566.67	-1,710.81	4,272.55	4,205.71	66.85	63.917		
10,000.00	6,840.00	6,802.65	6,802.06	114.58	1.76	-89.81	-1,566.67	-1,710.81	4,343.67	4,276.46	67.22	64.621		
10,100.00	6,840.00	6,803.06	6,802.46	117.09	1.76	-89.82	-1,566.67	-1,710.81	4,415.91	4,348.34	67.57	65.353		
10,200.00	6,840.00	6,803.47	6,802.87	119.61	1.76	-89.83	-1,566.68	-1,710.81	4,489.22	4,421.32	67.90	66.114		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,803.88	6,803.28	122.14	1.76	-89.84	-1,566.68	-1,710.81	4,563.54	4,495.32	68.21	66.900		
10,400.00	6,840.00	6,804.29	6,803.70	124.68	1.76	-89.84	-1,566.68	-1,710.81	4,638.82	4,570.31	68.51	67.711		
10,500.00	6,840.00	6,804.71	6,804.11	127.23	1.76	-89.85	-1,566.69	-1,710.81	4,715.02	4,646.24	68.79	68.545		
10,600.00	6,840.00	6,805.12	6,804.52	129.78	1.76	-89.86	-1,566.69	-1,710.82	4,792.10	4,723.05	69.05	69.401		
10,700.00	6,840.00	6,805.54	6,804.94	132.35	1.76	-89.87	-1,566.69	-1,710.82	4,870.01	4,800.71	69.30	70.277		
10,800.00	6,840.00	6,805.95	6,805.36	134.91	1.76	-89.87	-1,566.69	-1,710.82	4,948.72	4,879.19	69.53	71.173		
10,900.00	6,840.00	6,806.37	6,805.78	137.49	1.76	-89.88	-1,566.70	-1,710.82	5,028.18	4,958.43	69.75	72.087		
11,000.00	6,840.00	6,806.79	6,806.19	140.07	1.76	-89.89	-1,566.70	-1,710.82	5,108.36	5,038.40	69.96	73.018		
11,100.00	6,840.00	6,807.21	6,806.61	142.65	1.76	-89.90	-1,566.70	-1,710.82	5,189.23	5,119.08	70.16	73.966		
11,200.00	6,840.00	6,807.63	6,807.04	145.24	1.76	-89.91	-1,566.70	-1,710.82	5,270.76	5,200.42	70.34	74.929		
11,300.00	6,840.00	6,808.06	6,807.46	147.83	1.76	-89.91	-1,566.71	-1,710.83	5,352.92	5,282.40	70.52	75.907		
11,400.00	6,840.00	6,808.48	6,807.88	150.43	1.76	-89.92	-1,566.71	-1,710.83	5,435.67	5,364.98	70.69	76.898		
11,500.00	6,840.00	6,808.90	6,808.31	153.04	1.76	-89.93	-1,566.71	-1,710.83	5,518.99	5,448.15	70.84	77.903		
11,600.00	6,840.00	6,809.33	6,808.73	155.64	1.76	-89.94	-1,566.72	-1,710.83	5,602.86	5,531.87	70.99	78.920		
11,700.00	6,840.00	6,809.76	6,809.16	158.26	1.76	-89.95	-1,566.72	-1,710.83	5,687.25	5,616.12	71.14	79.949		
11,800.00	6,840.00	6,810.19	6,809.59	160.87	1.76	-89.95	-1,566.72	-1,710.83	5,772.14	5,700.87	71.27	80.989		
11,900.00	6,840.00	6,810.62	6,810.02	163.49	1.76	-89.96	-1,566.72	-1,710.83	5,857.51	5,786.11	71.40	82.039		
12,000.00	6,840.00	6,811.05	6,810.45	166.11	1.76	-89.97	-1,566.73	-1,710.84	5,943.33	5,871.81	71.52	83.099		
12,100.00	6,840.00	6,811.48	6,810.88	168.74	1.76	-89.98	-1,566.73	-1,710.84	6,029.59	5,957.96	71.64	84.169		
12,200.00	6,840.00	6,811.91	6,811.32	171.37	1.76	-89.99	-1,566.73	-1,710.84	6,116.27	6,044.52	71.75	85.248		
12,300.00	6,840.00	6,812.35	6,811.75	174.00	1.76	-90.00	-1,566.74	-1,710.84	6,203.35	6,131.50	71.85	86.335		
12,400.00	6,840.00	6,812.79	6,812.19	176.63	1.76	-90.00	-1,566.74	-1,710.84	6,290.81	6,218.86	71.95	87.430		
12,500.00	6,840.00	6,813.22	6,812.63	179.27	1.76	-90.01	-1,566.74	-1,710.84	6,378.64	6,306.60	72.05	88.533		
12,600.00	6,840.00	6,813.66	6,813.07	181.91	1.76	-90.02	-1,566.74	-1,710.85	6,466.83	6,394.69	72.14	89.643		
12,700.00	6,840.00	6,814.10	6,813.51	184.55	1.76	-90.03	-1,566.75	-1,710.85	6,555.35	6,483.13	72.23	90.760		
12,800.00	6,840.00	6,814.54	6,813.95	187.19	1.76	-90.04	-1,566.75	-1,710.85	6,644.20	6,571.89	72.31	91.883		
12,900.00	6,840.00	6,814.99	6,814.39	189.84	1.76	-90.05	-1,566.75	-1,710.85	6,733.37	6,660.98	72.39	93.013		
13,000.00	6,840.00	6,815.43	6,814.83	192.48	1.76	-90.05	-1,566.75	-1,710.85	6,822.83	6,750.36	72.47	94.148		
13,100.00	6,840.00	6,815.88	6,815.28	195.13	1.76	-90.06	-1,566.76	-1,710.85	6,912.58	6,840.04	72.54	95.289		
13,200.00	6,840.00	6,816.32	6,815.72	197.79	1.76	-90.07	-1,566.76	-1,710.85	7,002.61	6,930.00	72.61	96.436		
13,300.00	6,840.00	6,816.77	6,816.17	200.44	1.76	-90.08	-1,566.76	-1,710.86	7,092.91	7,020.22	72.68	97.587		
13,400.00	6,840.00	6,817.22	6,816.62	203.10	1.76	-90.09	-1,566.77	-1,710.86	7,183.46	7,110.71	72.75	98.742		
13,500.00	6,840.00	6,817.67	6,817.07	205.75	1.76	-90.10	-1,566.77	-1,710.86	7,274.26	7,201.45	72.81	99.903		
13,600.00	6,840.00	6,818.12	6,817.52	208.41	1.76	-90.10	-1,566.77	-1,710.86	7,365.30	7,292.43	72.88	101.067		
13,700.00	6,840.00	6,818.57	6,817.98	211.07	1.76	-90.11	-1,566.77	-1,710.86	7,456.57	7,383.64	72.94	102.236		
13,800.00	6,840.00	6,819.03	6,818.43	213.74	1.76	-90.12	-1,566.78	-1,710.86	7,548.06	7,475.07	72.99	103.408		
13,900.00	6,840.00	6,819.48	6,818.89	216.40	1.76	-90.13	-1,566.78	-1,710.87	7,639.76	7,566.72	73.05	104.583		
14,000.00	6,840.00	6,819.94	6,819.34	219.06	1.76	-90.14	-1,566.78	-1,710.87	7,731.67	7,658.57	73.10	105.763		
14,100.00	6,840.00	6,820.40	6,819.80	221.73	1.76	-90.15	-1,566.79	-1,710.87	7,823.78	7,750.62	73.16	106.945		
14,200.00	6,840.00	6,820.86	6,820.26	224.40	1.76	-90.16	-1,566.79	-1,710.87	7,916.08	7,842.87	73.21	108.130		
14,300.00	6,840.00	6,821.32	6,820.72	227.07	1.76	-90.17	-1,566.79	-1,710.87	8,008.56	7,935.31	73.26	109.318		
14,400.00	6,840.00	6,821.78	6,821.19	229.74	1.76	-90.17	-1,566.79	-1,710.87	8,101.23	8,027.92	73.31	110.508		
14,500.00	6,840.00	6,822.25	6,821.65	232.41	1.76	-90.18	-1,566.80	-1,710.88	8,194.06	8,120.71	73.36	111.702		
14,600.00	6,840.00	6,822.71	6,822.11	235.08	1.76	-90.19	-1,566.80	-1,710.88	8,287.06	8,213.66	73.40	112.897		
14,700.00	6,840.00	6,823.18	6,822.58	237.75	1.76	-90.20	-1,566.80	-1,710.88	8,380.23	8,306.78	73.45	114.094		
14,800.00	6,840.00	6,823.65	6,823.05	240.43	1.76	-90.21	-1,566.80	-1,710.88	8,473.55	8,400.05	73.50	115.294		
14,900.00	6,840.00	6,824.12	6,823.52	243.10	1.76	-90.22	-1,566.81	-1,710.88	8,567.02	8,493.48	73.54	116.495		
15,000.00	6,840.00	6,824.59	6,823.99	245.78	1.76	-90.23	-1,566.81	-1,710.88	8,660.63	8,587.05	73.58	117.698		
15,100.00	6,840.00	6,825.06	6,824.46	248.46	1.76	-90.24	-1,566.81	-1,710.89	8,754.39	8,680.76	73.63	118.903		
15,200.00	6,840.00	6,825.53	6,824.94	251.14	1.76	-90.24	-1,566.82	-1,710.89	8,848.28	8,774.61	73.67	120.110		
15,300.00	6,840.00	6,826.01	6,825.41	253.82	1.76	-90.25	-1,566.82	-1,710.89	8,942.31	8,868.60	73.71	121.317		
15,400.00	6,840.00	6,826.48	6,825.89	256.50	1.76	-90.26	-1,566.82	-1,710.89	9,036.46	8,962.71	73.75	122.526		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	6,826.96	6,826.36	259.18	1.76	-90.27	-1,566.82	-1,710.89	9,130.74	9,056.95	73.79	123.736	
15,600.00	6,840.00	6,827.44	6,826.84	261.86	1.76	-90.28	-1,566.83	-1,710.90	9,225.14	9,151.30	73.83	124.947	
15,700.00	6,840.00	6,827.92	6,827.32	264.54	1.76	-90.29	-1,566.83	-1,710.90	9,319.65	9,245.78	73.87	126.160	
15,800.00	6,840.00	6,828.40	6,827.81	267.23	1.76	-90.30	-1,566.83	-1,710.90	9,414.28	9,340.37	73.91	127.372	
15,900.00	6,840.00	6,828.89	6,828.29	269.91	1.76	-90.31	-1,566.83	-1,710.90	9,509.02	9,435.07	73.95	128.586	
16,000.00	6,840.00	6,829.37	6,828.78	272.59	1.76	-90.32	-1,566.84	-1,710.90	9,603.87	9,529.88	73.99	129.801	
16,100.00	6,840.00	6,829.86	6,829.26	275.28	1.76	-90.33	-1,566.84	-1,710.90	9,698.81	9,624.79	74.03	131.016	
16,200.00	6,840.00	6,830.35	6,829.75	277.97	1.76	-90.34	-1,566.84	-1,710.91	9,793.86	9,719.80	74.07	132.231	
16,300.00	6,840.00	6,830.84	6,830.24	280.65	1.76	-90.35	-1,566.85	-1,710.91	9,889.01	9,814.91	74.10	133.447	
16,400.00	6,840.00	6,831.33	6,830.73	283.34	1.76	-90.35	-1,566.85	-1,710.91	9,984.25	9,910.11	74.14	134.663	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-59.87	968.73	-1,668.95	1,930.16					
100.00	100.00	62.02	62.02	0.13	0.06	-59.87	968.63	-1,668.95	1,929.67	1,929.48	0.19	9,992.279		
200.00	200.00	162.38	162.38	0.49	0.18	-59.88	968.19	-1,668.96	1,929.46	1,928.79	0.67	2,869.582		
281.11	281.11	240.11	240.11	0.78	0.24	-59.89	968.01	-1,668.97	1,929.38	1,928.36	1.02	1,885.279		
300.00	300.00	257.90	257.90	0.85	0.25	-59.89	968.00	-1,668.98	1,929.38	1,928.29	1.10	1,761.932		
400.00	400.00	357.84	357.84	1.21	0.28	-59.89	968.02	-1,669.11	1,929.51	1,928.03	1.48	1,303.074		
500.00	500.00	456.09	456.09	1.57	0.31	-59.89	967.97	-1,669.19	1,929.55	1,927.68	1.87	1,033.533		
600.00	599.98	555.83	555.83	1.92	0.35	-5.29	968.05	-1,669.40	1,928.04	1,925.78	2.26	853.023		
700.00	699.84	654.16	654.16	2.28	0.40	-5.32	968.04	-1,669.56	1,922.96	1,920.30	2.66	722.870		
800.00	799.45	753.24	753.24	2.65	0.44	-5.36	968.18	-1,669.86	1,914.61	1,911.55	3.06	625.648		
900.00	898.70	852.94	852.93	3.02	0.48	-5.42	968.11	-1,670.14	1,902.69	1,899.23	3.46	550.193		
1,000.00	997.47	951.20	951.20	3.42	0.52	-5.49	968.28	-1,670.38	1,887.41	1,883.55	3.86	488.962		
1,100.00	1,095.62	1,050.53	1,050.53	3.84	0.56	-5.59	968.33	-1,670.62	1,868.65	1,864.38	4.27	437.469		
1,200.00	1,193.06	1,146.60	1,146.59	4.30	0.61	-5.70	968.43	-1,670.82	1,846.49	1,841.80	4.69	394.087		
1,300.00	1,289.64	1,242.90	1,242.90	4.79	0.65	-5.83	968.65	-1,671.08	1,821.06	1,815.96	5.10	357.016		
1,400.00	1,385.27	1,341.19	1,341.19	5.33	0.68	-5.99	968.90	-1,671.21	1,792.19	1,786.68	5.52	324.945		
1,500.00	1,479.82	1,436.66	1,436.65	5.92	0.72	-6.17	969.02	-1,671.29	1,759.93	1,754.00	5.93	296.659		
1,600.00	1,573.17	1,529.18	1,529.18	6.56	0.75	-6.38	969.19	-1,671.33	1,724.41	1,718.06	6.35	271.613		
1,700.00	1,665.22	1,619.82	1,619.81	7.26	0.78	-6.60	969.34	-1,671.50	1,685.79	1,679.02	6.77	248.911		
1,800.00	1,756.74	1,712.53	1,712.53	7.99	0.82	-6.77	969.43	-1,671.68	1,645.92	1,638.73	7.19	228.848		
1,900.00	1,848.26	1,803.66	1,803.66	8.75	0.85	-6.94	969.47	-1,671.88	1,606.05	1,598.43	7.62	210.874		
2,000.00	1,939.78	1,882.85	1,882.84	9.51	0.88	-7.10	969.61	-1,672.38	1,566.58	1,558.54	8.05	194.639		
2,100.00	2,031.30	1,972.01	1,972.00	10.29	0.92	-7.28	969.98	-1,673.37	1,527.62	1,519.14	8.49	180.035		
2,200.00	2,122.82	2,061.72	2,061.70	11.07	0.95	-7.48	970.42	-1,674.41	1,488.75	1,479.83	8.93	166.794		
2,300.00	2,214.34	2,151.35	2,151.32	11.86	0.99	-7.70	970.68	-1,675.74	1,450.08	1,440.71	9.37	154.748		
2,400.00	2,305.85	2,238.83	2,238.79	12.66	1.02	-7.93	970.94	-1,677.22	1,411.59	1,401.77	9.82	143.728		
2,500.00	2,397.37	2,324.18	2,324.12	13.46	1.06	-8.17	971.25	-1,679.10	1,373.57	1,363.30	10.28	133.636		
2,600.00	2,488.89	2,412.84	2,412.74	14.26	1.09	-8.40	972.28	-1,681.08	1,335.95	1,325.21	10.74	124.431		
2,700.00	2,580.41	2,507.01	2,506.89	15.07	1.12	-8.64	973.98	-1,682.93	1,298.39	1,287.20	11.19	116.014		
2,800.00	2,671.93	2,602.47	2,602.31	15.88	1.16	-8.87	975.93	-1,684.49	1,260.69	1,249.04	11.65	108.249		
2,900.00	2,763.45	2,693.93	2,693.74	16.69	1.19	-9.11	977.79	-1,685.91	1,222.94	1,210.83	12.11	100.997		
3,000.00	2,854.97	2,790.64	2,790.42	17.51	1.22	-9.38	979.50	-1,687.41	1,185.09	1,172.52	12.57	94.312		
3,100.00	2,946.49	2,884.61	2,884.37	18.32	1.25	-9.69	980.82	-1,688.75	1,147.01	1,133.98	13.03	88.027		
3,200.00	3,038.00	2,981.68	2,981.43	19.14	1.29	-10.03	981.93	-1,689.98	1,108.73	1,095.24	13.49	82.182		
3,300.00	3,129.52	3,075.76	3,075.50	19.96	1.32	-10.40	982.64	-1,690.98	1,070.15	1,056.18	13.96	76.647		
3,400.00	3,221.04	3,169.08	3,168.82	20.77	1.35	-10.81	983.11	-1,691.95	1,031.49	1,017.05	14.44	71.435		
3,500.00	3,312.56	3,264.93	3,264.66	21.59	1.39	-11.27	983.44	-1,692.78	992.67	977.76	14.91	66.559		
3,600.00	3,404.08	3,362.39	3,362.12	22.42	1.40	-11.77	983.58	-1,693.16	953.43	938.06	15.37	62.044		
3,700.00	3,495.60	3,456.95	3,456.68	23.24	1.40	-12.31	983.46	-1,693.08	913.76	897.94	15.82	57.758		
3,800.00	3,587.12	3,547.98	3,547.71	24.06	1.40	-12.88	983.25	-1,692.93	874.05	857.75	16.30	53.636		
3,900.00	3,678.63	3,637.95	3,637.67	24.88	1.41	-13.53	982.66	-1,693.10	834.56	817.77	16.80	49.683		
4,000.00	3,770.15	3,728.82	3,728.54	25.71	1.42	-14.27	981.88	-1,693.48	795.30	777.98	17.32	45.917		
4,100.00	3,861.67	3,820.45	3,820.17	26.53	1.44	-15.09	981.07	-1,693.87	756.17	738.31	17.86	42.345		
4,200.00	3,953.19	3,911.72	3,911.44	27.35	1.46	-16.01	980.16	-1,694.31	717.20	698.78	18.42	38.940		
4,300.00	4,044.71	4,003.78	4,003.49	28.18	1.48	-17.02	979.44	-1,694.65	678.37	659.37	19.00	35.708		
4,400.00	4,136.23	4,093.90	4,093.61	29.01	1.50	-18.09	979.10	-1,694.91	639.79	620.17	19.62	32.610		
4,500.00	4,227.75	4,187.00	4,186.71	29.83	1.52	-19.31	978.92	-1,695.11	601.42	581.17	20.25	29.696		
4,600.00	4,319.27	4,277.05	4,276.76	30.66	1.53	-20.65	978.78	-1,695.24	563.27	542.32	20.95	26.882		
4,700.00	4,410.78	4,366.44	4,366.14	31.48	1.56	-22.16	978.77	-1,695.68	525.77	504.04	21.73	24.196		
4,800.00	4,502.30	4,457.27	4,456.97	32.31	1.59	-23.92	978.73	-1,696.48	489.00	466.42	22.57	21.661		
4,900.00	4,593.82	4,549.89	4,549.58	33.14	1.62	-26.00	978.73	-1,697.28	452.72	429.22	23.50	19.267		
5,000.00	4,685.34	4,642.58	4,642.27	33.96	1.65	-28.42	978.80	-1,697.81	416.78	392.25	24.53	16.988		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,734.01	4,733.71	34.79	1.68	-31.24	978.82	-1,698.26	381.55	355.82	25.74	14.824		
5,200.00	4,868.38	4,825.07	4,824.77	35.62	1.71	-34.53	979.11	-1,698.85	347.51	320.38	27.14	12.807		
5,300.00	4,959.90	4,916.65	4,916.35	36.45	1.74	-38.52	979.31	-1,699.56	314.89	286.11	28.78	10.942		
5,400.00	5,051.41	5,008.18	5,007.87	37.27	1.77	-43.35	979.40	-1,700.35	284.14	253.41	30.73	9.246		
5,500.00	5,142.93	5,099.91	5,099.60	38.10	1.80	-49.21	979.54	-1,701.21	255.90	222.88	33.02	7.750		
5,600.00	5,234.45	5,191.36	5,191.04	38.93	1.83	-56.26	979.66	-1,702.17	231.09	195.46	35.63	6.486		
5,700.00	5,325.97	5,283.31	5,282.99	39.76	1.86	-64.71	979.66	-1,703.17	210.89	172.48	38.40	5.492		
5,800.00	5,417.49	5,375.06	5,374.73	40.59	1.89	-74.44	979.63	-1,704.15	196.64	155.64	40.99	4.797		
5,900.00	5,509.01	5,466.58	5,466.24	41.42	1.92	-85.04	979.62	-1,705.28	189.77	146.90	42.87	4.427		
5,933.08	5,539.28	5,496.81	5,496.47	41.69	1.93	-88.64	979.57	-1,705.68	189.31	146.05	43.26	4.376 CC, ES, SF		
6,000.00	5,600.53	5,558.74	5,558.39	42.25	1.95	-96.00	979.49	-1,706.45	191.07	147.44	43.63	4.379		
6,100.00	5,692.04	5,651.64	5,651.29	43.07	1.98	-106.58	979.60	-1,707.36	199.98	156.71	43.27	4.622		
6,200.00	5,783.56	5,744.17	5,743.82	43.90	2.00	-116.10	980.17	-1,708.02	215.39	173.25	42.14	5.112		
6,300.00	5,875.08	5,835.85	5,835.49	44.73	2.03	-124.22	980.77	-1,708.71	236.40	195.71	40.69	5.810		
6,400.00	5,966.60	5,927.26	5,926.90	45.56	2.06	-131.05	981.21	-1,709.23	261.87	222.61	39.26	6.671		
6,500.00	6,058.12	6,019.00	6,018.64	46.39	2.09	-136.71	981.56	-1,709.87	290.58	252.55	38.03	7.641		
6,600.00	6,149.64	6,110.61	6,110.24	47.22	2.12	-141.36	981.84	-1,710.59	321.66	284.61	37.05	8.681		
6,700.00	6,241.16	6,202.56	6,202.19	48.05	2.15	-145.20	982.02	-1,711.49	354.45	318.12	36.33	9.756		
6,800.00	6,332.68	6,294.46	6,294.09	48.88	2.18	-148.38	982.16	-1,712.54	388.46	352.65	35.82	10.846		
6,900.00	6,424.19	6,386.76	6,386.38	49.71	2.21	-151.06	982.27	-1,713.74	423.37	387.88	35.48	11.932		
7,000.00	6,514.88	6,480.85	6,480.45	50.58	2.24	-145.61	982.56	-1,715.26	459.63	424.36	35.27	13.033		
7,100.00	6,599.14	6,566.45	6,566.03	51.67	2.27	-137.59	983.14	-1,716.86	502.53	467.73	34.80	14.442		
7,200.00	6,673.85	6,640.89	6,640.46	53.01	2.29	-132.15	983.54	-1,718.25	554.04	519.85	34.19	16.205		
7,300.00	6,736.73	6,703.19	6,702.75	54.56	2.31	-126.94	983.59	-1,719.38	614.64	581.03	33.61	18.287		
7,400.00	6,785.87	6,753.63	6,753.18	56.29	2.32	-120.60	983.73	-1,720.11	683.70	650.54	33.16	20.620		
7,500.00	6,819.79	6,788.10	6,787.65	58.13	2.33	-111.61	984.01	-1,720.41	759.95	727.14	32.81	23.163		
7,600.00	6,837.44	6,805.94	6,805.49	60.02	2.34	-99.19	984.22	-1,720.50	841.40	808.84	32.56	25.843		
7,700.00	6,840.00	6,807.67	6,807.22	61.90	2.34	-90.99	984.24	-1,720.51	925.76	893.38	32.38	28.593		
7,800.00	6,840.00	6,807.93	6,807.48	63.83	2.34	-91.02	984.24	-1,720.51	1,012.74	980.41	32.33	31.322		
7,900.00	6,840.00	6,808.18	6,807.73	65.81	2.34	-91.05	984.25	-1,720.51	1,101.94	1,069.56	32.37	34.040		
8,000.00	6,840.00	6,808.42	6,807.97	67.84	2.34	-91.08	984.25	-1,720.51	1,192.85	1,160.38	32.46	36.747		
8,100.00	6,840.00	6,808.65	6,808.20	69.91	2.34	-91.10	984.25	-1,720.51	1,285.11	1,252.53	32.58	39.446		
8,200.00	6,840.00	6,808.88	6,808.42	72.03	2.34	-91.13	984.25	-1,720.51	1,378.45	1,345.73	32.71	42.138		
8,300.00	6,840.00	6,809.09	6,808.64	74.18	2.34	-91.16	984.26	-1,720.51	1,472.66	1,439.81	32.85	44.827		
8,400.00	6,840.00	6,809.30	6,808.85	76.37	2.34	-91.18	984.26	-1,720.51	1,567.59	1,534.60	32.99	47.511		
8,500.00	6,840.00	6,809.50	6,809.05	78.59	2.34	-91.21	984.26	-1,720.51	1,663.12	1,629.98	33.14	50.192		
8,600.00	6,840.00	6,809.70	6,809.24	80.85	2.34	-91.23	984.26	-1,720.51	1,759.14	1,725.87	33.27	52.870		
8,700.00	6,840.00	6,809.88	6,809.43	83.13	2.34	-91.25	984.27	-1,720.51	1,855.58	1,822.18	33.41	55.545		
8,800.00	6,840.00	6,810.06	6,809.61	85.44	2.34	-91.27	984.27	-1,720.51	1,952.38	1,918.85	33.54	58.217		
8,900.00	6,840.00	6,810.24	6,809.79	87.77	2.34	-91.29	984.27	-1,720.51	2,049.49	2,015.83	33.66	60.887		
9,000.00	6,840.00	6,810.41	6,809.96	90.12	2.34	-91.31	984.27	-1,720.51	2,146.86	2,113.08	33.78	63.552		
9,100.00	6,840.00	6,800.00	6,799.55	92.50	2.34	-90.07	984.15	-1,720.48	2,244.51	2,210.69	33.82	66.364		
9,200.00	6,840.00	6,800.00	6,799.55	94.89	2.34	-90.07	984.15	-1,720.48	2,342.31	2,308.38	33.93	69.027		
9,300.00	6,840.00	6,800.00	6,799.55	97.30	2.34	-90.07	984.15	-1,720.48	2,440.30	2,406.26	34.04	71.686		
9,400.00	6,840.00	6,800.00	6,799.55	99.73	2.34	-90.07	984.15	-1,720.48	2,538.44	2,504.29	34.15	74.340		
9,500.00	6,840.00	6,800.00	6,799.55	102.17	2.34	-90.07	984.15	-1,720.48	2,636.72	2,602.47	34.25	76.991		
9,600.00	6,840.00	6,800.00	6,799.55	104.63	2.34	-90.07	984.15	-1,720.48	2,735.13	2,700.78	34.35	79.637		
9,700.00	6,840.00	6,800.00	6,799.55	107.10	2.34	-90.07	984.15	-1,720.48	2,833.65	2,799.21	34.44	82.278		
9,800.00	6,840.00	6,800.00	6,799.55	109.58	2.34	-90.07	984.15	-1,720.48	2,932.26	2,897.73	34.53	84.914		
9,900.00	6,840.00	6,800.00	6,799.55	112.07	2.34	-90.07	984.15	-1,720.48	3,030.97	2,996.35	34.62	87.544		
10,000.00	6,840.00	6,800.00	6,799.55	114.58	2.34	-90.07	984.15	-1,720.48	3,129.76	3,095.05	34.71	90.170		
10,100.00	6,840.00	6,800.00	6,799.55	117.09	2.34	-90.07	984.15	-1,720.48	3,228.63	3,193.83	34.80	92.789		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT PLUS G 25-07 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,800.00	6,799.55	119.61	2.34	-90.07	984.15	-1,720.48	3,327.56	3,292.68	34.88	95.403		
10,300.00	6,840.00	6,800.00	6,799.55	122.14	2.34	-90.07	984.15	-1,720.48	3,426.55	3,391.59	34.96	98.011		
10,400.00	6,840.00	6,800.00	6,799.55	124.68	2.34	-90.07	984.15	-1,720.48	3,525.61	3,490.57	35.04	100.613		
10,500.00	6,840.00	6,800.00	6,799.55	127.23	2.34	-90.07	984.15	-1,720.48	3,624.71	3,589.59	35.12	103.209		
10,600.00	6,840.00	6,800.00	6,799.55	129.78	2.34	-90.07	984.15	-1,720.48	3,723.86	3,688.66	35.20	105.798		
10,700.00	6,840.00	6,800.00	6,799.55	132.35	2.34	-90.07	984.15	-1,720.48	3,823.06	3,787.78	35.27	108.380		
10,800.00	6,840.00	6,800.00	6,799.55	134.91	2.34	-90.07	984.15	-1,720.48	3,922.29	3,886.94	35.35	110.956		
10,900.00	6,840.00	6,800.00	6,799.55	137.49	2.34	-90.07	984.15	-1,720.48	4,021.57	3,986.14	35.42	113.525		
11,000.00	6,840.00	6,800.00	6,799.55	140.07	2.34	-90.07	984.15	-1,720.48	4,120.88	4,085.38	35.50	116.086		
11,100.00	6,840.00	6,800.00	6,799.55	142.65	2.34	-90.07	984.15	-1,720.48	4,220.22	4,184.65	35.57	118.641		
11,200.00	6,840.00	6,800.00	6,799.55	145.24	2.34	-90.07	984.15	-1,720.48	4,319.59	4,283.95	35.64	121.188		
11,300.00	6,840.00	6,800.00	6,799.55	147.83	2.34	-90.07	984.15	-1,720.48	4,418.99	4,383.28	35.72	123.728		
11,400.00	6,840.00	6,800.00	6,799.55	150.43	2.34	-90.07	984.15	-1,720.48	4,518.42	4,482.63	35.79	126.260		
11,500.00	6,840.00	6,800.00	6,799.55	153.04	2.34	-90.07	984.15	-1,720.48	4,617.87	4,582.01	35.86	128.784		
11,600.00	6,840.00	6,800.00	6,799.55	155.64	2.34	-90.07	984.15	-1,720.48	4,717.35	4,681.42	35.93	131.301		
11,700.00	6,840.00	6,800.00	6,799.55	158.26	2.34	-90.07	984.15	-1,720.48	4,816.84	4,780.85	36.00	133.810		
11,800.00	6,840.00	6,800.00	6,799.55	160.87	2.34	-90.07	984.15	-1,720.48	4,916.36	4,880.29	36.07	136.310		
11,900.00	6,840.00	6,800.00	6,799.55	163.49	2.34	-90.07	984.15	-1,720.48	5,015.90	4,979.76	36.14	138.803		
12,000.00	6,840.00	6,800.00	6,799.55	166.11	2.34	-90.07	984.15	-1,720.48	5,115.45	5,079.25	36.21	141.288		
12,100.00	6,840.00	6,800.00	6,799.55	168.74	2.34	-90.07	984.15	-1,720.48	5,215.02	5,178.75	36.27	143.764		
12,200.00	6,840.00	6,800.00	6,799.55	171.37	2.34	-90.07	984.15	-1,720.48	5,314.61	5,278.27	36.34	146.231		
12,300.00	6,840.00	6,800.00	6,799.55	174.00	2.34	-90.07	984.15	-1,720.48	5,414.21	5,377.80	36.41	148.691		
12,400.00	6,840.00	6,800.00	6,799.55	176.63	2.34	-90.07	984.15	-1,720.48	5,513.83	5,477.35	36.48	151.141		
12,500.00	6,840.00	6,800.00	6,799.55	179.27	2.34	-90.07	984.15	-1,720.48	5,613.46	5,576.91	36.55	153.583		
12,600.00	6,840.00	6,800.00	6,799.55	181.91	2.34	-90.07	984.15	-1,720.48	5,713.11	5,676.49	36.62	156.017		
12,700.00	6,840.00	6,800.00	6,799.55	184.55	2.34	-90.07	984.15	-1,720.48	5,812.76	5,776.08	36.69	158.441		
12,800.00	6,840.00	6,800.00	6,799.55	187.19	2.34	-90.07	984.15	-1,720.48	5,912.43	5,875.67	36.76	160.857		
12,900.00	6,840.00	6,800.00	6,799.55	189.84	2.34	-90.07	984.15	-1,720.48	6,012.11	5,975.28	36.82	163.263		
13,000.00	6,840.00	6,800.00	6,799.55	192.48	2.34	-90.07	984.15	-1,720.48	6,111.80	6,074.90	36.89	165.661		
13,100.00	6,840.00	6,800.00	6,799.55	195.13	2.34	-90.07	984.15	-1,720.48	6,211.50	6,174.53	36.96	168.049		
13,200.00	6,840.00	6,800.00	6,799.55	197.79	2.34	-90.07	984.15	-1,720.48	6,311.21	6,274.17	37.03	170.428		
13,300.00	6,840.00	6,800.00	6,799.55	200.44	2.34	-90.07	984.15	-1,720.48	6,410.92	6,373.82	37.10	172.798		
13,400.00	6,840.00	6,800.00	6,799.55	203.10	2.34	-90.07	984.15	-1,720.48	6,510.65	6,473.48	37.17	175.159		
13,500.00	6,840.00	6,800.00	6,799.55	205.75	2.34	-90.07	984.15	-1,720.48	6,610.38	6,573.15	37.24	177.510		
13,600.00	6,840.00	6,800.00	6,799.55	208.41	2.34	-90.07	984.15	-1,720.48	6,710.13	6,672.82	37.31	179.852		
13,700.00	6,840.00	6,800.00	6,799.55	211.07	2.34	-90.07	984.15	-1,720.48	6,809.88	6,772.50	37.38	182.185		
13,800.00	6,840.00	6,800.00	6,799.55	213.74	2.34	-90.07	984.15	-1,720.48	6,909.63	6,872.19	37.45	184.508		
13,900.00	6,840.00	6,800.00	6,799.55	216.40	2.34	-90.07	984.15	-1,720.48	7,009.40	6,971.88	37.52	186.821		
14,000.00	6,840.00	6,800.00	6,799.55	219.06	2.34	-90.07	984.15	-1,720.48	7,109.17	7,071.58	37.59	189.125		
14,100.00	6,840.00	6,800.00	6,799.55	221.73	2.34	-90.07	984.15	-1,720.48	7,208.95	7,171.29	37.66	191.419		
14,200.00	6,840.00	6,800.00	6,799.55	224.40	2.34	-90.07	984.15	-1,720.48	7,308.73	7,271.00	37.73	193.703		
14,300.00	6,840.00	6,800.00	6,799.55	227.07	2.34	-90.07	984.15	-1,720.48	7,408.52	7,370.72	37.80	195.978		
14,400.00	6,840.00	6,800.00	6,799.55	229.74	2.34	-90.07	984.15	-1,720.48	7,508.31	7,470.44	37.87	198.243		
14,500.00	6,840.00	6,800.00	6,799.55	232.41	2.34	-90.07	984.15	-1,720.48	7,608.11	7,570.17	37.95	200.498		
14,600.00	6,840.00	6,800.00	6,799.55	235.08	2.34	-90.07	984.15	-1,720.48	7,707.92	7,669.90	38.02	202.743		
14,700.00	6,840.00	6,800.00	6,799.55	237.75	2.34	-90.07	984.15	-1,720.48	7,807.73	7,769.64	38.09	204.978		
14,800.00	6,840.00	6,800.00	6,799.55	240.43	2.34	-90.07	984.15	-1,720.48	7,907.55	7,869.38	38.16	207.203		
14,900.00	6,840.00	6,800.00	6,799.55	243.10	2.34	-90.07	984.15	-1,720.48	8,007.37	7,969.13	38.24	209.419		
15,000.00	6,840.00	6,800.00	6,799.55	245.78	2.34	-90.07	984.15	-1,720.48	8,107.19	8,068.88	38.31	211.624		
15,100.00	6,840.00	6,800.00	6,799.55	248.46	2.34	-90.07	984.15	-1,720.48	8,207.02	8,168.63	38.38	213.819		
15,200.00	6,840.00	6,800.00	6,799.55	251.14	2.34	-90.07	984.15	-1,720.48	8,306.85	8,268.39	38.46	216.004		
15,300.00	6,840.00	6,800.00	6,799.55	253.82	2.34	-90.07	984.15	-1,720.48	8,406.69	8,368.16	38.53	218.180		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST VERT PLUS G 25-07 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	6,840.00	6,800.00	6,799.55	256.50	2.34	-90.07	984.15	-1,720.48	8,506.53	8,467.92	38.61	220.345	
15,500.00	6,840.00	6,800.00	6,799.55	259.18	2.34	-90.07	984.15	-1,720.48	8,606.37	8,567.69	38.68	222.500	
15,600.00	6,840.00	6,800.00	6,799.55	261.86	2.34	-90.07	984.15	-1,720.48	8,706.22	8,667.46	38.76	224.644	
15,700.00	6,840.00	6,800.00	6,799.55	264.54	2.34	-90.07	984.15	-1,720.48	8,806.07	8,767.24	38.83	226.779	
15,800.00	6,840.00	6,800.00	6,799.55	267.23	2.34	-90.07	984.15	-1,720.48	8,905.92	8,867.02	38.91	228.904	
15,900.00	6,840.00	6,800.00	6,799.55	269.91	2.34	-90.07	984.15	-1,720.48	9,005.78	8,966.80	38.98	231.018	
16,000.00	6,840.00	6,800.00	6,799.55	272.59	2.34	-90.07	984.15	-1,720.48	9,105.64	9,066.58	39.06	233.122	
16,100.00	6,840.00	6,800.00	6,799.55	275.28	2.34	-90.07	984.15	-1,720.48	9,205.51	9,166.37	39.14	235.216	
16,200.00	6,840.00	6,800.00	6,799.55	277.97	2.34	-90.07	984.15	-1,720.48	9,305.37	9,266.16	39.21	237.300	
16,300.00	6,840.00	6,800.00	6,799.55	280.65	2.34	-90.07	984.15	-1,720.48	9,405.24	9,365.95	39.29	239.373	
16,400.00	6,840.00	6,800.00	6,799.55	283.34	2.34	-90.07	984.15	-1,720.48	9,505.12	9,465.75	39.37	241.437	
16,500.00	6,840.00	6,800.00	6,799.55	286.03	2.34	-90.07	984.15	-1,720.48	9,604.99	9,565.54	39.45	243.490	
16,600.00	6,840.00	6,800.00	6,799.55	288.72	2.34	-90.07	984.15	-1,720.48	9,704.87	9,665.34	39.53	245.532	
16,700.00	6,840.00	6,800.00	6,799.55	291.41	2.34	-90.07	984.15	-1,720.48	9,804.75	9,765.14	39.60	247.565	
16,800.00	6,840.00	6,800.00	6,799.55	294.10	2.34	-90.07	984.15	-1,720.48	9,904.63	9,864.95	39.68	249.587	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-34.04	2,433.23	-1,643.74	2,936.77					
100.00	100.00	51.88	51.88	0.13	0.05	-34.04	2,433.27	-1,643.73	2,936.43	2,936.25	0.18	N/A		
200.00	200.00	154.27	154.27	0.49	0.16	-34.04	2,433.46	-1,643.59	2,936.52	2,935.86	0.65	4,510.031		
300.00	300.00	258.72	258.72	0.85	0.27	-34.03	2,433.60	-1,643.17	2,936.40	2,935.29	1.11	2,636.928		
400.00	400.00	356.75	356.75	1.21	0.35	-34.02	2,433.76	-1,642.67	2,936.25	2,934.71	1.54	1,900.922		
500.00	500.00	455.98	455.98	1.57	0.41	-34.01	2,433.94	-1,642.31	2,936.20	2,934.23	1.96	1,496.319		
600.00	599.98	553.99	553.99	1.92	0.44	20.63	2,434.00	-1,642.11	2,934.50	2,932.16	2.34	1,252.788		
700.00	699.84	648.37	648.37	2.28	0.44	20.69	2,434.00	-1,642.26	2,929.69	2,926.99	2.70	1,083.732		
800.00	799.45	744.33	744.33	2.65	0.47	20.82	2,434.43	-1,642.08	2,921.81	2,918.72	3.09	945.548		
900.00	898.70	846.44	846.44	3.02	0.52	20.99	2,434.94	-1,641.88	2,910.71	2,907.21	3.50	832.534		
1,000.00	997.47	956.17	956.16	3.42	0.54	21.22	2,434.99	-1,641.90	2,896.15	2,892.26	3.89	745.015		
1,100.00	1,095.62	1,057.01	1,057.01	3.84	0.55	21.49	2,434.67	-1,641.87	2,878.05	2,873.77	4.28	672.029		
1,200.00	1,193.06	1,149.78	1,149.77	4.30	0.58	21.81	2,434.58	-1,641.71	2,856.90	2,852.21	4.69	608.679		
1,300.00	1,289.64	1,241.71	1,241.70	4.79	0.60	22.18	2,434.59	-1,641.66	2,832.78	2,827.67	5.10	555.028		
1,400.00	1,385.27	1,339.06	1,339.06	5.33	0.61	22.63	2,434.60	-1,641.85	2,805.68	2,800.16	5.52	508.514		
1,500.00	1,479.82	1,440.91	1,440.90	5.92	0.63	23.15	2,434.30	-1,641.98	2,775.28	2,769.32	5.96	465.709		
1,600.00	1,573.17	1,534.70	1,534.69	6.56	0.66	23.72	2,434.00	-1,642.00	2,741.80	2,735.38	6.42	427.027		
1,700.00	1,665.22	1,628.98	1,628.98	7.26	0.69	24.33	2,433.70	-1,641.95	2,705.40	2,698.50	6.90	391.994		
1,800.00	1,756.74	1,728.84	1,728.83	7.99	0.72	24.72	2,433.22	-1,641.80	2,667.75	2,660.37	7.38	361.314		
1,900.00	1,848.26	1,829.55	1,829.54	8.75	0.75	25.11	2,432.35	-1,641.44	2,629.79	2,621.91	7.88	333.831		
2,000.00	1,939.78	1,919.32	1,919.30	9.51	0.78	25.47	2,431.41	-1,641.23	2,591.85	2,583.47	8.38	309.236		
2,100.00	2,031.30	2,009.08	2,009.06	10.29	0.81	25.84	2,430.54	-1,641.01	2,554.05	2,545.15	8.90	287.109		
2,200.00	2,122.82	2,098.43	2,098.40	11.07	0.84	26.21	2,429.57	-1,641.08	2,516.41	2,507.00	9.42	267.223		
2,300.00	2,214.34	2,194.34	2,194.31	11.86	0.86	26.62	2,428.35	-1,641.37	2,478.83	2,468.88	9.95	249.206		
2,400.00	2,305.85	2,283.44	2,283.39	12.66	0.89	27.01	2,427.26	-1,641.45	2,441.29	2,430.80	10.49	232.759		
2,500.00	2,397.37	2,365.22	2,365.17	13.46	0.92	27.38	2,426.48	-1,641.51	2,404.07	2,393.02	11.04	217.739		
2,600.00	2,488.89	2,449.83	2,449.78	14.26	0.94	27.78	2,426.02	-1,641.65	2,367.33	2,355.73	11.60	204.116		
2,700.00	2,580.41	2,542.53	2,542.48	15.07	0.96	28.24	2,425.81	-1,641.53	2,330.84	2,318.68	12.16	191.650		
2,800.00	2,671.93	2,638.83	2,638.77	15.88	0.99	28.74	2,425.42	-1,641.26	2,294.29	2,281.55	12.74	180.099		
2,900.00	2,763.45	2,729.52	2,729.47	16.69	1.02	29.22	2,424.99	-1,640.98	2,257.80	2,244.47	13.33	169.395		
3,000.00	2,854.97	2,817.94	2,817.88	17.51	1.05	29.70	2,424.71	-1,640.65	2,221.56	2,207.64	13.93	159.495		
3,100.00	2,946.49	2,910.47	2,910.41	18.32	1.08	30.23	2,424.48	-1,640.23	2,185.51	2,170.98	14.54	150.354		
3,200.00	3,038.00	3,003.53	3,003.47	19.14	1.11	30.78	2,424.28	-1,639.60	2,149.57	2,134.41	15.15	141.869		
3,300.00	3,129.52	3,092.52	3,092.46	19.96	1.13	31.33	2,424.14	-1,638.92	2,113.81	2,098.03	15.78	133.948		
3,400.00	3,221.04	3,182.37	3,182.31	20.77	1.16	31.90	2,424.11	-1,638.17	2,078.33	2,061.91	16.42	126.582		
3,500.00	3,312.56	3,283.81	3,283.74	21.59	1.19	32.59	2,424.11	-1,636.84	2,042.91	2,025.85	17.06	119.767		
3,600.00	3,404.08	3,364.49	3,364.41	22.42	1.21	33.16	2,424.11	-1,635.50	2,007.58	1,989.85	17.73	113.235		
3,700.00	3,495.60	3,453.62	3,453.53	23.24	1.23	33.79	2,424.39	-1,634.60	1,972.98	1,954.58	18.40	107.211		
3,800.00	3,587.12	3,550.98	3,550.88	24.06	1.26	34.50	2,424.25	-1,634.00	1,938.38	1,919.30	19.08	101.589		
3,900.00	3,678.63	3,643.99	3,643.90	24.88	1.29	35.19	2,423.90	-1,633.43	1,903.83	1,884.05	19.78	96.246		
4,000.00	3,770.15	3,734.19	3,734.09	25.71	1.32	35.88	2,423.52	-1,633.00	1,869.54	1,849.04	20.50	91.199		
4,100.00	3,861.67	3,823.91	3,823.81	26.53	1.35	36.59	2,423.18	-1,632.66	1,835.60	1,814.37	21.23	86.449		
4,200.00	3,953.19	3,914.22	3,914.13	27.35	1.37	37.32	2,422.80	-1,632.59	1,801.99	1,780.01	21.98	81.990		
4,300.00	4,044.71	4,001.77	4,001.67	28.18	1.39	38.05	2,422.49	-1,632.73	1,768.81	1,746.07	22.74	77.777		
4,400.00	4,136.23	4,088.22	4,088.12	29.01	1.39	38.77	2,422.29	-1,633.29	1,736.17	1,712.66	23.52	73.831		
4,500.00	4,227.75	4,178.54	4,178.43	29.83	1.40	39.54	2,422.09	-1,634.42	1,704.03	1,679.73	24.29	70.143		
4,600.00	4,319.27	4,271.74	4,271.62	30.66	1.41	40.36	2,421.79	-1,635.90	1,672.20	1,647.12	25.08	66.669		
4,700.00	4,410.78	4,364.71	4,364.58	31.48	1.42	41.18	2,421.31	-1,637.69	1,640.61	1,614.72	25.89	63.376		
4,800.00	4,502.30	4,456.90	4,456.74	32.31	1.43	42.03	2,420.81	-1,639.47	1,609.32	1,582.61	26.71	60.247		
4,900.00	4,593.82	4,550.61	4,550.44	33.14	1.44	42.93	2,420.28	-1,641.23	1,578.35	1,550.80	27.55	57.282		
5,000.00	4,685.34	4,643.55	4,643.36	33.96	1.45	43.86	2,419.66	-1,642.78	1,547.63	1,519.21	28.42	54.456		
5,100.00	4,776.86	4,733.21	4,733.00	34.79	1.46	44.79	2,419.11	-1,644.28	1,517.37	1,488.05	29.31	51.762		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,820.48	4,820.26	35.62	1.47	45.73	2,418.78	-1,645.75	1,487.74	1,457.50	30.24	49.205		
5,300.00	4,959.90	4,906.36	4,906.13	36.45	1.48	46.68	2,418.78	-1,647.50	1,458.95	1,427.77	31.18	46.795		
5,400.00	5,051.41	5,007.49	5,007.23	37.27	1.49	47.83	2,418.60	-1,649.68	1,430.51	1,398.41	32.10	44.559		
5,500.00	5,142.93	5,100.03	5,099.75	38.10	1.50	48.92	2,418.17	-1,651.63	1,402.29	1,369.22	33.08	42.396		
5,600.00	5,234.45	5,200.86	5,200.56	38.93	1.52	50.17	2,417.35	-1,653.65	1,374.27	1,340.22	34.05	40.358		
5,700.00	5,325.97	5,288.23	5,287.90	39.76	1.53	51.28	2,416.50	-1,655.46	1,346.68	1,311.59	35.09	38.382		
5,800.00	5,417.49	5,377.16	5,376.80	40.59	1.55	52.44	2,415.85	-1,657.78	1,319.94	1,283.80	36.13	36.530		
5,900.00	5,509.01	5,468.55	5,468.14	41.42	1.56	53.64	2,415.28	-1,660.79	1,293.95	1,256.76	37.19	34.794		
6,000.00	5,600.53	5,559.62	5,559.14	42.25	1.57	54.86	2,414.75	-1,664.36	1,268.63	1,230.37	38.26	33.158		
6,100.00	5,692.04	5,655.93	5,655.33	43.07	1.59	56.16	2,414.17	-1,668.96	1,243.96	1,204.63	39.33	31.631		
6,200.00	5,783.56	5,743.97	5,743.28	43.90	1.60	57.40	2,413.41	-1,672.95	1,219.67	1,179.23	40.44	30.158		
6,300.00	5,875.08	5,824.90	5,824.15	44.73	1.61	58.61	2,413.51	-1,675.93	1,196.98	1,155.38	41.61	28.770		
6,400.00	5,966.60	5,912.94	5,912.15	45.56	1.63	60.00	2,414.15	-1,678.54	1,175.66	1,132.89	42.77	27.487		
6,500.00	6,058.12	6,005.23	6,004.42	46.39	1.64	61.54	2,414.91	-1,680.41	1,155.35	1,111.40	43.95	26.287		
6,600.00	6,149.64	6,093.96	6,093.14	47.22	1.64	63.09	2,415.75	-1,681.64	1,136.14	1,090.99	45.16	25.160		
6,700.00	6,241.16	6,182.28	6,181.44	48.05	1.65	64.67	2,416.88	-1,682.92	1,118.24	1,071.87	46.37	24.115		
6,800.00	6,332.68	6,275.51	6,274.65	48.88	1.66	66.36	2,418.31	-1,684.73	1,101.56	1,053.99	47.57	23.155		
6,900.00	6,424.19	6,370.84	6,369.93	49.71	1.67	68.12	2,419.66	-1,687.01	1,085.76	1,036.99	48.77	22.264		
7,000.00	6,514.88	6,466.88	6,465.93	50.58	1.68	76.83	2,420.83	-1,689.81	1,071.49	1,021.47	50.02	21.422		
7,100.00	6,599.14	6,558.43	6,557.42	51.67	1.70	87.38	2,421.65	-1,693.00	1,063.44	1,011.79	51.65	20.589		
7,141.42	6,631.38	6,593.92	6,592.88	52.23	1.70	90.62	2,421.85	-1,694.31	1,062.61	1,010.14	52.47	20.252 CC, ES		
7,200.00	6,673.85	6,642.86	6,641.79	53.01	1.71	94.41	2,421.99	-1,696.22	1,064.37	1,010.75	53.62	19.850		
7,300.00	6,736.73	6,717.34	6,716.19	54.56	1.73	98.89	2,421.87	-1,699.59	1,076.35	1,020.58	55.76	19.302		
7,400.00	6,785.87	6,766.79	6,765.58	56.29	1.74	100.43	2,421.78	-1,701.90	1,101.34	1,043.44	57.90	19.020 SF		
7,500.00	6,819.79	6,805.26	6,804.02	58.13	1.75	99.54	2,421.74	-1,703.70	1,139.80	1,079.96	59.83	19.050		
7,600.00	6,837.44	6,833.36	6,832.08	60.02	1.75	96.06	2,421.63	-1,705.04	1,190.67	1,129.26	61.41	19.388		
7,700.00	6,840.00	6,842.76	6,841.46	61.90	1.76	92.83	2,421.56	-1,705.50	1,251.60	1,188.98	62.62	19.988		
7,800.00	6,840.00	6,849.01	6,847.71	63.83	1.76	93.20	2,421.50	-1,705.81	1,317.89	1,254.35	63.54	20.740		
7,900.00	6,840.00	6,855.35	6,854.05	65.81	1.76	93.58	2,421.44	-1,706.12	1,388.20	1,323.94	64.26	21.604		
8,000.00	6,840.00	6,861.78	6,860.46	67.84	1.76	93.96	2,421.37	-1,706.44	1,461.95	1,397.16	64.80	22.562		
8,100.00	6,840.00	6,868.28	6,866.96	69.91	1.76	94.35	2,421.29	-1,706.77	1,538.65	1,473.45	65.20	23.599		
8,200.00	6,840.00	6,874.88	6,873.55	72.03	1.76	94.74	2,421.20	-1,707.10	1,617.88	1,552.38	65.50	24.702		
8,300.00	6,840.00	6,881.56	6,880.22	74.18	1.76	95.14	2,421.10	-1,707.44	1,699.27	1,633.57	65.70	25.862		
8,400.00	6,840.00	6,888.33	6,886.98	76.37	1.77	95.54	2,420.99	-1,707.78	1,782.54	1,716.70	65.85	27.071		
8,500.00	6,840.00	6,895.20	6,893.84	78.59	1.77	95.94	2,420.87	-1,708.14	1,867.44	1,801.50	65.94	28.321		
8,600.00	6,840.00	6,902.58	6,901.20	80.85	1.77	96.38	2,420.74	-1,708.52	1,953.75	1,887.76	65.99	29.606		
8,700.00	6,840.00	6,910.98	6,909.59	83.13	1.77	96.87	2,420.56	-1,708.96	2,041.28	1,975.27	66.01	30.922		
8,800.00	6,840.00	6,919.46	6,918.06	85.44	1.77	97.37	2,420.36	-1,709.40	2,129.90	2,063.88	66.01	32.265		
8,900.00	6,840.00	6,928.03	6,926.61	87.77	1.78	97.88	2,420.13	-1,709.85	2,219.46	2,153.46	65.99	33.631		
9,000.00	6,840.00	6,936.68	6,935.24	90.12	1.78	98.39	2,419.88	-1,710.31	2,309.86	2,243.90	65.96	35.018		
9,100.00	6,840.00	6,945.41	6,943.96	92.50	1.78	98.90	2,419.59	-1,710.78	2,401.00	2,335.08	65.92	36.423		
9,200.00	6,840.00	6,954.23	6,952.76	94.89	1.78	99.41	2,419.28	-1,711.25	2,492.80	2,426.93	65.87	37.845		
9,300.00	6,840.00	6,963.14	6,961.65	97.30	1.79	99.93	2,418.93	-1,711.73	2,585.19	2,519.38	65.81	39.280		
9,400.00	6,840.00	6,972.13	6,970.62	99.73	1.79	100.46	2,418.56	-1,712.21	2,678.11	2,612.36	65.75	40.729		
9,500.00	6,840.00	6,981.21	6,979.68	102.17	1.79	100.99	2,418.15	-1,712.70	2,771.51	2,705.82	65.69	42.189		
9,600.00	6,840.00	6,990.38	6,988.83	104.63	1.79	101.52	2,417.71	-1,713.21	2,865.33	2,799.70	65.63	43.659		
9,700.00	6,840.00	6,999.65	6,998.07	107.10	1.80	102.06	2,417.24	-1,713.71	2,959.54	2,893.98	65.57	45.138		
9,800.00	6,840.00	7,009.01	7,007.40	109.58	1.80	102.60	2,416.73	-1,714.23	3,054.11	2,988.60	65.50	46.625		
9,900.00	6,840.00	7,018.46	7,016.82	112.07	1.80	103.14	2,416.19	-1,714.75	3,148.99	3,083.55	65.44	48.120		
10,000.00	6,840.00	7,016.22	7,014.60	114.58	1.80	103.01	2,416.37	-1,714.62	3,244.19	3,178.82	65.38	49.623		
10,100.00	6,840.00	7,021.70	7,020.06	117.09	1.81	103.33	2,416.08	-1,714.93	3,339.66	3,274.34	65.32	51.130		
10,200.00	6,840.00	7,027.18	7,025.52	119.61	1.81	103.64	2,415.79	-1,715.23	3,435.37	3,370.11	65.26	52.643		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	7,032.65	7,030.98	122.14	1.81	103.95	2,415.50	-1,715.53	3,531.31	3,466.11	65.20	54.160		
10,400.00	6,840.00	7,038.13	7,036.44	124.68	1.81	104.27	2,415.21	-1,715.83	3,627.46	3,562.31	65.15	55.680		
10,500.00	6,840.00	7,043.61	7,041.90	127.23	1.82	104.58	2,414.92	-1,716.13	3,723.81	3,658.71	65.10	57.205		
10,600.00	6,840.00	7,049.08	7,047.36	129.78	1.82	104.89	2,414.63	-1,716.43	3,820.33	3,755.29	65.05	58.732		
10,700.00	6,840.00	7,054.56	7,052.82	132.35	1.82	105.20	2,414.34	-1,716.73	3,917.03	3,852.03	65.00	60.263		
10,800.00	6,840.00	7,060.04	7,058.28	134.91	1.83	105.51	2,414.05	-1,717.03	4,013.87	3,948.92	64.95	61.795		
10,900.00	6,840.00	7,065.52	7,063.74	137.49	1.83	105.82	2,413.77	-1,717.34	4,110.87	4,045.95	64.91	63.330		
11,000.00	6,840.00	7,070.99	7,069.21	140.07	1.83	106.13	2,413.48	-1,717.64	4,207.99	4,143.12	64.87	64.866		
11,100.00	6,840.00	7,076.47	7,074.67	142.65	1.83	106.44	2,413.19	-1,717.94	4,305.24	4,240.41	64.83	66.404		
11,200.00	6,840.00	7,081.95	7,080.13	145.24	1.84	106.74	2,412.90	-1,718.24	4,402.61	4,337.81	64.80	67.943		
11,300.00	6,840.00	7,087.42	7,085.59	147.83	1.84	107.05	2,412.61	-1,718.54	4,500.08	4,435.32	64.76	69.484		
11,400.00	6,840.00	7,092.90	7,091.05	150.43	1.84	107.35	2,412.32	-1,718.84	4,597.66	4,532.92	64.73	71.024		
11,500.00	6,840.00	7,098.38	7,096.51	153.04	1.84	107.66	2,412.03	-1,719.14	4,695.33	4,630.63	64.70	72.566		
11,600.00	6,840.00	7,103.85	7,101.97	155.64	1.85	107.96	2,411.74	-1,719.44	4,793.09	4,728.42	64.68	74.108		
11,700.00	6,840.00	7,109.33	7,107.43	158.26	1.85	108.26	2,411.46	-1,719.75	4,890.94	4,826.29	64.65	75.650		
11,800.00	6,840.00	7,114.81	7,112.89	160.87	1.85	108.57	2,411.17	-1,720.05	4,988.87	4,924.24	64.63	77.192		
11,900.00	6,840.00	7,120.28	7,118.35	163.49	1.85	108.87	2,410.88	-1,720.35	5,086.87	5,022.26	64.61	78.734		
12,000.00	6,840.00	7,125.76	7,123.81	166.11	1.86	109.17	2,410.59	-1,720.65	5,184.94	5,120.35	64.59	80.275		
12,100.00	6,840.00	7,131.24	7,129.28	168.74	1.86	109.47	2,410.30	-1,720.95	5,283.08	5,218.50	64.57	81.817		
12,200.00	6,840.00	7,136.71	7,134.74	171.37	1.86	109.76	2,410.01	-1,721.25	5,381.28	5,316.72	64.56	83.357		
12,300.00	6,840.00	7,142.19	7,140.20	174.00	1.86	110.06	2,409.72	-1,721.55	5,479.54	5,414.99	64.54	84.897		
12,400.00	6,840.00	7,147.67	7,145.66	176.63	1.87	110.36	2,409.43	-1,721.85	5,577.85	5,513.32	64.53	86.437		
12,500.00	6,840.00	7,153.14	7,151.12	179.27	1.87	110.65	2,409.14	-1,722.16	5,676.22	5,611.70	64.52	87.975		
12,600.00	6,840.00	7,158.62	7,156.58	181.91	1.87	110.95	2,408.86	-1,722.46	5,774.65	5,710.13	64.51	89.513		
12,700.00	6,840.00	7,164.10	7,162.04	184.55	1.87	111.24	2,408.57	-1,722.76	5,873.12	5,808.61	64.50	91.049		
12,800.00	6,840.00	7,169.57	7,167.50	187.19	1.88	111.53	2,408.28	-1,723.06	5,971.63	5,907.13	64.50	92.584		
12,900.00	6,840.00	7,175.05	7,172.96	189.84	1.88	111.83	2,407.99	-1,723.36	6,070.19	6,005.69	64.50	94.119		
13,000.00	6,840.00	7,180.53	7,178.42	192.48	1.88	112.12	2,407.70	-1,723.66	6,168.79	6,104.30	64.49	95.651		
13,100.00	6,840.00	7,186.01	7,183.88	195.13	1.88	112.41	2,407.41	-1,723.96	6,267.43	6,202.94	64.49	97.183		
13,200.00	6,840.00	7,191.48	7,189.34	197.79	1.89	112.69	2,407.12	-1,724.26	6,366.11	6,301.62	64.49	98.712		
13,300.00	6,840.00	7,196.96	7,194.81	200.44	1.89	112.98	2,406.83	-1,724.57	6,464.82	6,400.33	64.49	100.241		
13,400.00	6,840.00	7,202.44	7,200.27	203.10	1.89	113.27	2,406.55	-1,724.87	6,563.57	6,499.07	64.50	101.767		
13,500.00	6,840.00	7,207.91	7,205.73	205.75	1.89	113.55	2,406.26	-1,725.17	6,662.35	6,597.85	64.50	103.292		
13,600.00	6,840.00	7,213.39	7,211.19	208.41	1.90	113.84	2,405.97	-1,725.47	6,761.16	6,696.66	64.51	104.815		
13,700.00	6,840.00	7,218.87	7,216.65	211.07	1.90	114.12	2,405.68	-1,725.77	6,860.01	6,795.49	64.51	106.337		
13,800.00	6,840.00	7,224.34	7,222.11	213.74	1.90	114.40	2,405.39	-1,726.07	6,958.88	6,894.36	64.52	107.856		
13,900.00	6,840.00	7,229.82	7,227.57	216.40	1.90	114.68	2,405.10	-1,726.37	7,057.78	6,993.25	64.53	109.374		
14,000.00	6,840.00	7,235.30	7,233.03	219.06	1.91	114.96	2,404.81	-1,726.67	7,156.70	7,092.16	64.54	110.889		
14,100.00	6,840.00	7,240.77	7,238.49	221.73	1.91	115.24	2,404.52	-1,726.97	7,255.65	7,191.10	64.55	112.403		
14,200.00	6,840.00	7,246.25	7,243.95	224.40	1.91	115.52	2,404.23	-1,727.28	7,354.63	7,290.06	64.56	113.914		
14,300.00	6,840.00	7,251.73	7,249.41	227.07	1.91	115.80	2,403.95	-1,727.58	7,453.62	7,389.05	64.58	115.424		
14,400.00	6,840.00	7,257.20	7,254.88	229.74	1.92	116.07	2,403.66	-1,727.88	7,552.64	7,488.05	64.59	116.931		
14,500.00	6,840.00	7,262.68	7,260.34	232.41	1.92	116.35	2,403.37	-1,728.18	7,651.69	7,587.08	64.61	118.435		
14,600.00	6,840.00	7,268.16	7,265.80	235.08	1.92	116.62	2,403.08	-1,728.48	7,750.75	7,686.13	64.62	119.938		
14,700.00	6,840.00	7,273.63	7,271.26	237.75	1.92	116.89	2,402.79	-1,728.78	7,849.83	7,785.19	64.64	121.438		
14,800.00	6,840.00	7,279.11	7,276.72	240.43	1.93	117.16	2,402.50	-1,729.08	7,948.93	7,884.28	64.66	122.936		
14,900.00	6,840.00	7,284.59	7,282.18	243.10	1.93	117.43	2,402.21	-1,729.38	8,048.06	7,983.38	64.68	124.431		
15,000.00	6,840.00	7,290.06	7,287.64	245.78	1.93	117.70	2,401.92	-1,729.69	8,147.19	8,082.49	64.70	125.924		
15,100.00	6,840.00	7,267.00	7,264.64	248.46	1.92	116.56	2,403.14	-1,728.42	8,246.40	8,181.72	64.68	127.498		
15,200.00	6,840.00	7,267.00	7,264.64	251.14	1.92	116.56	2,403.14	-1,728.42	8,345.59	8,280.90	64.69	129.004		
15,300.00	6,840.00	7,267.00	7,264.64	253.82	1.92	116.56	2,403.14	-1,728.42	8,444.80	8,380.09	64.71	130.508		
15,400.00	6,840.00	7,267.00	7,264.64	256.50	1.92	116.56	2,403.14	-1,728.42	8,544.03	8,479.31	64.72	132.009		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,840.00	7,267.00	7,264.64	259.18	1.92	116.56	2,403.14	-1,728.42	8,643.28	8,578.54	64.74	133.508	
15,600.00	6,840.00	7,267.00	7,264.64	261.86	1.92	116.56	2,403.14	-1,728.42	8,742.54	8,677.79	64.76	135.005	
15,700.00	6,840.00	7,267.00	7,264.64	264.54	1.92	116.56	2,403.14	-1,728.42	8,841.82	8,777.05	64.78	136.500	
15,800.00	6,840.00	7,267.00	7,264.64	267.23	1.92	116.56	2,403.14	-1,728.42	8,941.12	8,876.33	64.79	137.993	
15,900.00	6,840.00	7,267.00	7,264.64	269.91	1.92	116.56	2,403.14	-1,728.42	9,040.43	8,975.62	64.81	139.483	
16,000.00	6,840.00	7,267.00	7,264.64	272.59	1.92	116.56	2,403.14	-1,728.42	9,139.76	9,074.93	64.83	140.971	
16,100.00	6,840.00	7,267.00	7,264.64	275.28	1.92	116.56	2,403.14	-1,728.42	9,239.10	9,174.25	64.86	142.456	
16,200.00	6,840.00	7,267.00	7,264.64	277.97	1.92	116.56	2,403.14	-1,728.42	9,338.46	9,273.58	64.88	143.940	
16,300.00	6,840.00	7,267.00	7,264.64	280.65	1.92	116.56	2,403.14	-1,728.42	9,437.83	9,372.93	64.90	145.420	
16,400.00	6,840.00	7,267.00	7,264.64	283.34	1.92	116.56	2,403.14	-1,728.42	9,537.21	9,472.29	64.92	146.899	
16,500.00	6,840.00	7,267.00	7,264.64	286.03	1.92	116.56	2,403.14	-1,728.42	9,636.61	9,571.66	64.95	148.375	
16,600.00	6,840.00	7,267.00	7,264.64	288.72	1.92	116.56	2,403.14	-1,728.42	9,736.01	9,671.04	64.97	149.848	
16,700.00	6,840.00	7,267.00	7,264.64	291.41	1.92	116.56	2,403.14	-1,728.42	9,835.43	9,770.44	65.00	151.319	
16,800.00	6,840.00	7,267.00	7,264.64	294.10	1.92	116.56	2,403.14	-1,728.42	9,934.87	9,869.84	65.02	152.787	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.00	89.98					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	89.98	0.00	89.98	89.71	0.27	334.676	CC, ES	
200.00	200.00	197.52	197.50	0.49	0.49	-0.63	91.30	-1.00	91.34	90.36	0.98	92.994		
300.00	300.00	294.82	294.67	0.85	0.84	-2.40	95.26	-4.00	95.49	93.79	1.70	56.237		
400.00	400.00	391.66	391.16	1.21	1.20	-5.03	101.80	-8.96	102.58	100.16	2.41	42.478		
500.00	500.00	487.85	486.66	1.57	1.58	-8.13	110.87	-15.84	112.79	109.65	3.13	36.018		
600.00	599.98	583.41	581.12	1.92	1.98	43.62	122.40	-24.58	125.01	121.18	3.84	32.563		
700.00	699.84	678.53	674.60	2.28	2.41	41.63	136.37	-35.17	137.90	133.36	4.54	30.353		
800.00	799.45	773.20	767.02	2.65	2.86	40.31	152.72	-47.56	151.30	146.05	5.25	28.792		
900.00	898.70	867.42	858.28	3.02	3.35	39.50	171.40	-61.72	165.11	159.13	5.98	27.617		
1,000.00	997.47	961.19	948.28	3.42	3.87	39.09	192.36	-77.61	179.26	172.55	6.71	26.706		
1,100.00	1,095.62	1,054.51	1,036.95	3.84	4.43	38.99	215.53	-95.17	193.73	186.26	7.47	25.919		
1,200.00	1,193.06	1,147.38	1,124.20	4.30	5.03	39.13	240.87	-114.38	208.50	200.23	8.26	25.229		
1,300.00	1,289.64	1,239.79	1,209.96	4.79	5.68	39.47	268.30	-135.17	223.55	214.46	9.09	24.595		
1,400.00	1,385.27	1,331.75	1,294.15	5.33	6.36	39.94	297.78	-157.52	238.90	228.94	9.96	23.990		
1,500.00	1,479.82	1,423.27	1,376.71	5.92	7.10	40.54	329.23	-181.36	254.54	243.66	10.88	23.394		
1,600.00	1,573.17	1,514.34	1,457.58	6.56	7.87	41.22	362.60	-206.65	270.49	258.62	11.87	22.797		
1,700.00	1,665.22	1,607.87	1,539.31	7.26	8.71	42.05	398.84	-234.12	286.58	273.61	12.97	22.103		
1,800.00	1,756.74	1,706.47	1,625.17	7.99	9.63	43.13	437.47	-263.40	302.34	288.13	14.21	21.275		
1,900.00	1,848.26	1,805.06	1,711.03	8.75	10.55	44.10	476.10	-292.69	318.20	302.71	15.50	20.535		
2,000.00	1,939.78	1,903.66	1,796.89	9.51	11.48	44.98	514.73	-321.97	334.14	317.33	16.81	19.878		
2,100.00	2,031.30	2,002.26	1,882.74	10.29	12.41	45.78	553.36	-351.25	350.15	332.00	18.15	19.291		
2,200.00	2,122.82	2,100.86	1,968.60	11.07	13.35	46.51	591.99	-380.54	366.22	346.71	19.51	18.768		
2,300.00	2,214.34	2,199.45	2,054.46	11.86	14.29	47.18	630.62	-409.82	382.35	361.45	20.89	18.299		
2,400.00	2,305.85	2,301.95	2,140.32	12.66	15.27	47.79	669.25	-439.10	398.52	376.20	22.32	17.856		
2,500.00	2,397.37	2,396.65	2,226.18	13.46	16.18	48.36	707.88	-468.39	414.73	391.03	23.70	17.496		
2,600.00	2,488.89	2,495.25	2,312.03	14.26	17.13	48.88	746.51	-497.67	430.98	405.85	25.13	17.152		
2,700.00	2,580.41	2,606.16	2,397.89	15.07	18.20	49.37	785.14	-526.95	447.26	420.61	26.64	16.786		
2,800.00	2,671.93	2,707.56	2,483.75	15.88	19.18	49.82	823.78	-556.24	463.57	435.46	28.11	16.493		
2,900.00	2,763.45	2,791.04	2,569.61	16.69	19.99	50.24	862.41	-585.52	479.91	450.45	29.45	16.293		
3,000.00	2,854.97	2,889.63	2,655.46	17.51	20.94	50.63	901.04	-614.80	496.27	465.35	30.91	16.054		
3,100.00	2,946.49	2,988.23	2,741.32	18.32	21.89	51.00	939.67	-644.09	512.65	480.27	32.38	15.834		
3,200.00	3,038.00	3,086.83	2,827.18	19.14	22.85	51.35	978.30	-673.37	529.05	495.20	33.85	15.631		
3,300.00	3,129.52	3,185.43	2,913.04	19.96	23.81	51.67	1,016.93	-702.65	545.47	510.14	35.32	15.443		
3,400.00	3,221.04	3,284.02	2,998.90	20.77	24.76	51.98	1,055.56	-731.94	561.90	525.10	36.80	15.269		
3,500.00	3,312.56	3,382.62	3,084.75	21.59	25.72	52.27	1,094.19	-761.22	578.35	540.06	38.28	15.106		
3,600.00	3,404.08	3,481.22	3,170.61	22.42	26.68	52.54	1,132.82	-790.50	594.81	555.04	39.77	14.955		
3,700.00	3,495.60	3,579.81	3,256.47	23.24	27.64	52.80	1,171.45	-819.78	611.29	570.02	41.26	14.814		
3,800.00	3,587.12	3,678.41	3,342.33	24.06	28.59	53.04	1,210.08	-849.07	627.77	585.02	42.76	14.682		
3,900.00	3,678.63	3,777.01	3,428.19	24.88	29.55	53.27	1,248.72	-878.35	644.27	600.02	44.25	14.559		
4,000.00	3,770.15	3,875.61	3,514.04	25.71	30.51	53.49	1,287.35	-907.63	660.78	615.02	45.75	14.443		
4,100.00	3,861.67	3,974.20	3,599.90	26.53	31.47	53.70	1,325.98	-936.92	677.29	630.04	47.25	14.333		
4,200.00	3,953.19	4,072.80	3,685.76	27.35	32.43	53.90	1,364.61	-966.20	693.82	645.06	48.76	14.230		
4,300.00	4,044.71	4,171.40	3,771.62	28.18	33.39	54.09	1,403.24	-995.48	710.35	660.09	50.26	14.133		
4,400.00	4,136.23	4,270.00	3,857.47	29.01	34.35	54.27	1,441.87	-1,024.77	726.89	675.12	51.77	14.041		
4,500.00	4,227.75	4,368.59	3,943.33	29.83	35.31	54.45	1,480.50	-1,054.05	743.43	690.15	53.28	13.954		
4,600.00	4,319.27	4,467.19	4,029.19	30.66	36.27	54.61	1,519.13	-1,083.33	759.99	705.20	54.79	13.871		
4,700.00	4,410.78	4,565.79	4,115.05	31.48	37.23	54.77	1,557.76	-1,112.62	776.54	720.24	56.30	13.793		
4,800.00	4,502.30	4,664.38	4,200.91	32.31	38.19	54.92	1,596.39	-1,141.90	793.11	735.29	57.82	13.718		
4,900.00	4,593.82	4,762.98	4,286.76	33.14	39.15	55.07	1,635.02	-1,171.18	809.68	750.35	59.33	13.647		
5,000.00	4,685.34	4,861.58	4,372.62	33.96	40.12	55.21	1,673.65	-1,200.47	826.25	765.40	60.85	13.579		
5,100.00	4,776.86	4,960.18	4,458.48	34.79	41.08	55.34	1,712.29	-1,229.75	842.83	780.47	62.36	13.515		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,058.77	4,544.34	35.62	42.04	55.47	1,750.92	-1,259.03	859.41	795.53	63.88	13.453		
5,300.00	4,959.90	5,157.37	4,630.19	36.45	43.00	55.60	1,789.55	-1,288.32	876.00	810.60	65.40	13.395		
5,400.00	5,051.41	5,255.97	4,716.05	37.27	43.96	55.72	1,828.18	-1,317.60	892.59	825.67	66.92	13.338		
5,500.00	5,142.93	5,354.56	4,801.91	38.10	44.92	55.83	1,866.81	-1,346.88	909.18	840.74	68.44	13.284		
5,600.00	5,234.45	5,453.16	4,887.77	38.93	45.88	55.95	1,905.44	-1,376.16	925.78	855.82	69.96	13.233		
5,700.00	5,325.97	5,551.76	4,973.63	39.76	46.85	56.05	1,944.07	-1,405.45	942.38	870.90	71.48	13.183		
5,800.00	5,417.49	5,650.36	5,059.48	40.59	47.81	56.16	1,982.70	-1,434.73	958.99	885.98	73.01	13.136		
5,900.00	5,509.01	5,748.95	5,145.34	41.42	48.77	56.26	2,021.33	-1,464.01	975.59	901.06	74.53	13.090		
6,000.00	5,600.53	5,847.55	5,231.20	42.25	49.73	56.35	2,059.96	-1,493.30	992.20	916.15	76.05	13.046		
6,100.00	5,692.04	5,946.15	5,317.06	43.07	50.69	56.45	2,098.59	-1,522.58	1,008.82	931.24	77.58	13.004		
6,200.00	5,783.56	6,044.75	5,402.92	43.90	51.66	56.54	2,137.22	-1,551.86	1,025.43	946.33	79.10	12.963		
6,300.00	5,875.08	6,143.34	5,488.77	44.73	52.62	56.63	2,175.86	-1,581.15	1,042.05	961.42	80.63	12.924		
6,400.00	5,966.60	6,241.94	5,574.63	45.56	53.58	56.71	2,214.49	-1,610.43	1,058.67	976.51	82.16	12.886		
6,500.00	6,058.12	6,340.54	5,660.49	46.39	54.54	56.79	2,253.12	-1,639.71	1,075.29	991.61	83.68	12.849		
6,600.00	6,149.64	6,439.13	5,746.35	47.22	55.50	56.87	2,291.75	-1,669.00	1,091.92	1,006.71	85.21	12.814		
6,700.00	6,241.16	6,537.73	5,832.20	48.05	56.47	56.95	2,330.38	-1,698.28	1,108.54	1,021.80	86.74	12.780		
6,800.00	6,332.68	6,636.33	5,918.06	48.88	57.43	57.03	2,369.01	-1,727.56	1,125.17	1,036.90	88.27	12.747		
6,900.00	6,424.19	6,734.93	6,003.92	49.71	58.39	57.10	2,407.64	-1,756.85	1,141.80	1,052.01	89.80	12.715		
7,000.00	6,514.88	6,833.38	6,089.66	50.58	59.35	62.51	2,446.22	-1,786.09	1,158.62	1,067.17	91.45	12.669		
7,100.00	6,599.14	6,929.79	6,173.61	51.67	60.29	68.93	2,483.99	-1,814.72	1,176.61	1,082.70	93.91	12.530		
7,200.00	6,673.85	7,021.21	6,253.22	53.01	61.19	72.78	2,519.81	-1,841.87	1,196.18	1,098.99	97.19	12.308		
7,300.00	6,736.73	7,104.88	6,326.07	54.56	62.00	75.20	2,552.59	-1,866.72	1,218.10	1,116.93	101.16	12.041		
7,400.00	6,785.87	7,178.24	6,389.95	56.29	62.72	76.49	2,581.33	-1,888.51	1,243.40	1,137.79	105.60	11.774		
7,500.00	6,819.79	7,239.07	6,442.92	58.13	63.31	76.55	2,605.17	-1,906.58	1,273.09	1,162.86	110.24	11.549		
7,600.00	6,837.44	7,377.03	6,560.06	60.02	64.78	78.89	2,657.91	-1,956.21	1,307.47	1,191.49	115.98	11.273		
7,700.00	6,840.00	8,043.11	6,840.00	61.90	74.79	90.00	2,785.78	-2,505.94	1,320.60	1,206.21	114.39	11.545		
7,800.00	6,840.00	8,143.11	6,840.00	63.83	76.35	90.00	2,786.20	-2,605.94	1,320.58	1,202.02	118.56	11.139		
7,900.00	6,840.00	8,243.11	6,840.00	65.81	77.96	90.00	2,786.62	-2,705.94	1,320.56	1,197.74	122.82	10.752		
8,000.00	6,840.00	8,343.11	6,840.00	67.84	79.63	90.00	2,787.04	-2,805.93	1,320.55	1,193.37	127.18	10.383		
8,100.00	6,840.00	8,443.11	6,840.00	69.91	81.35	90.00	2,787.46	-2,905.93	1,320.53	1,188.91	131.62	10.033		
8,200.00	6,840.00	8,543.11	6,840.00	72.03	83.12	90.00	2,787.88	-3,005.93	1,320.51	1,184.38	136.13	9.700		
8,300.00	6,840.00	8,643.11	6,840.00	74.18	84.94	90.00	2,788.30	-3,105.93	1,320.50	1,179.79	140.70	9.385		
8,400.00	6,840.00	8,743.11	6,840.00	76.37	86.80	90.00	2,788.72	-3,205.93	1,320.48	1,175.14	145.34	9.085		
8,500.00	6,840.00	8,843.11	6,840.00	78.59	88.71	90.00	2,789.14	-3,305.93	1,320.46	1,170.43	150.03	8.801		
8,600.00	6,840.00	8,943.11	6,840.00	80.85	90.66	90.00	2,789.56	-3,405.93	1,320.44	1,165.68	154.77	8.532		
8,700.00	6,840.00	9,043.11	6,840.00	83.13	92.64	90.00	2,789.98	-3,505.93	1,320.43	1,160.88	159.55	8.276		
8,800.00	6,840.00	9,143.11	6,840.00	85.44	94.67	90.00	2,790.40	-3,605.93	1,320.41	1,156.04	164.37	8.033		
8,900.00	6,840.00	9,243.11	6,840.00	87.77	96.73	90.00	2,790.82	-3,705.93	1,320.39	1,151.16	169.24	7.802		
9,000.00	6,840.00	9,343.11	6,840.00	90.12	98.82	90.00	2,791.24	-3,805.93	1,320.38	1,146.24	174.13	7.583		
9,100.00	6,840.00	9,443.11	6,840.00	92.50	100.94	90.00	2,791.66	-3,905.92	1,320.36	1,141.30	179.06	7.374		
9,200.00	6,840.00	9,543.11	6,840.00	94.89	103.09	90.00	2,792.08	-4,005.92	1,320.34	1,136.33	184.01	7.175		
9,300.00	6,840.00	9,643.11	6,840.00	97.30	105.27	90.00	2,792.50	-4,105.92	1,320.32	1,131.33	189.00	6.986		
9,400.00	6,840.00	9,743.11	6,840.00	99.73	107.47	90.00	2,792.92	-4,205.92	1,320.31	1,126.30	194.00	6.806		
9,500.00	6,840.00	9,843.11	6,840.00	102.17	109.70	90.00	2,793.34	-4,305.92	1,320.29	1,121.26	199.03	6.634		
9,600.00	6,840.00	9,943.11	6,840.00	104.63	111.95	90.00	2,793.77	-4,405.92	1,320.27	1,116.19	204.08	6.469		
9,700.00	6,840.00	10,043.11	6,840.00	107.10	114.22	90.00	2,794.19	-4,505.92	1,320.26	1,111.10	209.15	6.312		
9,800.00	6,840.00	10,143.11	6,840.00	109.58	116.51	90.00	2,794.61	-4,605.92	1,320.24	1,106.00	214.24	6.162		
9,900.00	6,840.00	10,243.11	6,840.00	112.07	118.83	90.00	2,795.03	-4,705.92	1,320.22	1,100.87	219.35	6.019		
10,000.00	6,840.00	10,343.11	6,840.00	114.58	121.16	90.00	2,795.45	-4,805.92	1,320.21	1,095.74	224.47	5.881		
10,100.00	6,840.00	10,443.11	6,840.00	117.09	123.50	90.00	2,795.87	-4,905.92	1,320.19	1,090.58	229.60	5.750		
10,200.00	6,840.00	10,543.11	6,840.00	119.61	125.86	90.00	2,796.29	-5,005.92	1,320.17	1,085.42	234.75	5.624		
10,300.00	6,840.00	10,643.11	6,840.00	122.14	128.24	90.00	2,796.71	-5,105.91	1,320.15	1,080.24	239.92	5.503		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,743.11	6,840.00	124.68	130.63	90.00	2,797.13	-5,205.91	1,320.14	1,075.05	245.09	5.386		
10,500.00	6,840.00	10,843.11	6,840.00	127.23	133.04	90.00	2,797.55	-5,305.91	1,320.12	1,069.85	250.27	5.275		
10,600.00	6,840.00	10,943.11	6,840.00	129.78	135.46	90.00	2,797.97	-5,405.91	1,320.10	1,064.63	255.47	5.167		
10,700.00	6,840.00	11,043.11	6,840.00	132.35	137.89	90.00	2,798.39	-5,505.91	1,320.09	1,059.41	260.68	5.064		
10,800.00	6,840.00	11,143.11	6,840.00	134.91	140.33	90.00	2,798.81	-5,605.91	1,320.07	1,054.18	265.89	4.965		
10,900.00	6,840.00	11,243.11	6,840.00	137.49	142.78	90.00	2,799.23	-5,705.91	1,320.05	1,048.94	271.12	4.869		
11,000.00	6,840.00	11,343.11	6,840.00	140.07	145.24	90.00	2,799.65	-5,805.91	1,320.03	1,043.69	276.35	4.777		
11,100.00	6,840.00	11,443.11	6,840.00	142.65	147.71	90.00	2,800.07	-5,905.91	1,320.02	1,038.43	281.59	4.688		
11,200.00	6,840.00	11,543.11	6,840.00	145.24	150.20	90.00	2,800.49	-6,005.91	1,320.00	1,033.16	286.84	4.602		
11,300.00	6,840.00	11,643.11	6,840.00	147.83	152.69	90.00	2,800.91	-6,105.91	1,319.98	1,027.89	292.09	4.519		
11,400.00	6,840.00	11,743.11	6,840.00	150.43	155.18	90.00	2,801.33	-6,205.90	1,319.97	1,022.61	297.35	4.439		
11,500.00	6,840.00	11,843.11	6,840.00	153.04	157.69	90.00	2,801.75	-6,305.90	1,319.95	1,017.33	302.62	4.362		
11,600.00	6,840.00	11,943.11	6,840.00	155.64	160.20	90.00	2,802.17	-6,405.90	1,319.93	1,012.04	307.89	4.287		
11,700.00	6,840.00	12,043.11	6,840.00	158.26	162.72	90.00	2,802.59	-6,505.90	1,319.91	1,006.74	313.17	4.215		
11,800.00	6,840.00	12,143.11	6,840.00	160.87	165.25	90.00	2,803.01	-6,605.90	1,319.90	1,001.44	318.46	4.145		
11,900.00	6,840.00	12,243.11	6,840.00	163.49	167.78	90.00	2,803.43	-6,705.90	1,319.88	996.13	323.75	4.077		
12,000.00	6,840.00	12,343.11	6,840.00	166.11	170.32	90.00	2,803.86	-6,805.90	1,319.86	990.82	329.04	4.011		
12,100.00	6,840.00	12,443.11	6,840.00	168.74	172.87	90.00	2,804.28	-6,905.90	1,319.85	985.51	334.34	3.948		
12,200.00	6,840.00	12,543.11	6,840.00	171.37	175.42	90.00	2,804.70	-7,005.90	1,319.83	980.19	339.64	3.886		
12,300.00	6,840.00	12,643.11	6,840.00	174.00	177.98	90.00	2,805.12	-7,105.90	1,319.81	974.86	344.95	3.826		
12,400.00	6,840.00	12,743.11	6,840.00	176.63	180.54	90.00	2,805.54	-7,205.90	1,319.80	969.53	350.26	3.768		
12,500.00	6,840.00	12,843.11	6,840.00	179.27	183.10	90.00	2,805.96	-7,305.89	1,319.78	964.20	355.58	3.712		
12,600.00	6,840.00	12,943.11	6,840.00	181.91	185.67	90.00	2,806.38	-7,405.89	1,319.76	958.86	360.90	3.657		
12,700.00	6,840.00	13,043.11	6,840.00	184.55	188.25	90.00	2,806.80	-7,505.89	1,319.74	953.52	366.22	3.604		
12,800.00	6,840.00	13,143.11	6,840.00	187.19	190.83	90.00	2,807.22	-7,605.89	1,319.73	948.18	371.55	3.552		
12,900.00	6,840.00	13,243.11	6,840.00	189.84	193.41	90.00	2,807.64	-7,705.89	1,319.71	942.83	376.88	3.502		
13,000.00	6,840.00	13,343.11	6,840.00	192.48	196.00	90.00	2,808.06	-7,805.89	1,319.69	937.48	382.21	3.453		
13,100.00	6,840.00	13,443.11	6,840.00	195.13	198.59	90.00	2,808.48	-7,905.89	1,319.68	932.13	387.55	3.405		
13,200.00	6,840.00	13,543.11	6,840.00	197.79	201.19	90.00	2,808.90	-8,005.89	1,319.66	926.77	392.89	3.359		
13,300.00	6,840.00	13,643.11	6,840.00	200.44	203.78	90.00	2,809.32	-8,105.89	1,319.64	921.42	398.23	3.314		
13,400.00	6,840.00	13,743.11	6,840.00	203.10	206.39	90.00	2,809.74	-8,205.89	1,319.62	916.05	403.57	3.270		
13,500.00	6,840.00	13,843.11	6,840.00	205.75	208.99	90.00	2,810.16	-8,305.89	1,319.61	910.69	408.92	3.227		
13,600.00	6,840.00	13,943.11	6,840.00	208.41	211.60	90.00	2,810.58	-8,405.89	1,319.59	905.32	414.27	3.185		
13,700.00	6,840.00	14,043.11	6,840.00	211.07	214.21	90.00	2,811.00	-8,505.88	1,319.57	899.96	419.62	3.145		
13,800.00	6,840.00	14,143.11	6,840.00	213.74	216.82	90.00	2,811.42	-8,605.88	1,319.56	894.59	424.97	3.105		
13,900.00	6,840.00	14,243.11	6,840.00	216.40	219.44	90.00	2,811.84	-8,705.88	1,319.54	889.21	430.33	3.066		
14,000.00	6,840.00	14,343.11	6,840.00	219.06	222.06	90.00	2,812.26	-8,805.88	1,319.52	883.84	435.68	3.029		
14,100.00	6,840.00	14,443.11	6,840.00	221.73	224.68	90.00	2,812.68	-8,905.88	1,319.50	878.46	441.04	2.992		
14,200.00	6,840.00	14,543.11	6,840.00	224.40	227.30	90.00	2,813.10	-9,005.88	1,319.49	873.08	446.41	2.956		
14,300.00	6,840.00	14,643.11	6,840.00	227.07	229.93	90.00	2,813.52	-9,105.88	1,319.47	867.70	451.77	2.921		
14,400.00	6,840.00	14,743.11	6,840.00	229.74	232.56	90.00	2,813.95	-9,205.88	1,319.45	862.32	457.13	2.886		
14,500.00	6,840.00	14,843.11	6,840.00	232.41	235.19	90.00	2,814.37	-9,305.88	1,319.44	856.94	462.50	2.853		
14,600.00	6,840.00	14,943.11	6,840.00	235.08	237.82	90.00	2,814.79	-9,405.88	1,319.42	851.55	467.87	2.820		
14,700.00	6,840.00	15,043.11	6,840.00	237.75	240.46	90.00	2,815.21	-9,505.88	1,319.40	846.16	473.24	2.788		
14,800.00	6,840.00	15,143.11	6,840.00	240.43	243.09	90.00	2,815.63	-9,605.87	1,319.39	840.77	478.61	2.757		
14,900.00	6,840.00	15,243.11	6,840.00	243.10	245.73	90.00	2,816.05	-9,705.87	1,319.37	835.38	483.99	2.726		
15,000.00	6,840.00	15,343.11	6,840.00	245.78	248.37	90.00	2,816.47	-9,805.87	1,319.35	829.99	489.36	2.696		
15,100.00	6,840.00	15,443.11	6,840.00	248.46	251.02	90.00	2,816.89	-9,905.87	1,319.33	824.60	494.74	2.667		
15,200.00	6,840.00	15,543.11	6,840.00	251.14	253.66	90.00	2,817.31	-10,005.87	1,319.32	819.20	500.11	2.638		
15,300.00	6,840.00	15,643.11	6,840.00	253.82	256.31	90.00	2,817.73	-10,105.87	1,319.30	813.81	505.49	2.610		
15,400.00	6,840.00	15,743.11	6,840.00	256.50	258.95	90.00	2,818.15	-10,205.87	1,319.28	808.41	510.87	2.582		
15,500.00	6,840.00	15,843.11	6,840.00	259.18	261.60	90.00	2,818.57	-10,305.87	1,319.27	803.01	516.25	2.555		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-01 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,943.11	6,840.00	261.86	264.25	90.00	2,818.99	-10,405.87	1,319.25	797.61	521.64	2.529		
15,700.00	6,840.00	16,043.11	6,840.00	264.54	266.91	90.00	2,819.41	-10,505.87	1,319.23	792.21	527.02	2.503		
15,800.00	6,840.00	16,143.11	6,840.00	267.23	269.56	90.00	2,819.83	-10,605.87	1,319.21	786.81	532.41	2.478		
15,900.00	6,840.00	16,243.11	6,840.00	269.91	272.21	90.00	2,820.25	-10,705.86	1,319.20	781.41	537.79	2.453		
16,000.00	6,840.00	16,343.11	6,840.00	272.59	274.87	90.00	2,820.67	-10,805.86	1,319.18	776.00	543.18	2.429		
16,100.00	6,840.00	16,443.11	6,840.00	275.28	277.53	90.00	2,821.09	-10,905.86	1,319.16	770.60	548.57	2.405		
16,200.00	6,840.00	16,543.11	6,840.00	277.97	280.19	90.00	2,821.51	-11,005.86	1,319.15	765.19	553.96	2.381		
16,300.00	6,840.00	16,643.11	6,840.00	280.65	282.85	90.00	2,821.93	-11,105.86	1,319.13	759.78	559.35	2.358		
16,400.00	6,840.00	16,743.11	6,840.00	283.34	285.51	90.00	2,822.35	-11,205.86	1,319.11	754.37	564.74	2.336		
16,500.00	6,840.00	16,843.11	6,840.00	286.03	288.17	90.00	2,822.77	-11,305.86	1,319.10	748.97	570.13	2.314		
16,600.00	6,840.00	16,943.11	6,840.00	288.72	290.83	90.00	2,823.19	-11,405.86	1,319.08	743.56	575.52	2.292		
16,700.00	6,840.00	17,043.11	6,840.00	291.41	293.50	90.00	2,823.62	-11,505.86	1,319.06	738.14	580.92	2.271		
16,800.00	6,840.00	17,143.11	6,840.00	294.10	296.16	90.00	2,824.04	-11,605.86	1,319.04	732.73	586.31	2.250		
16,900.00	6,840.00	17,243.11	6,840.00	296.79	298.83	90.00	2,824.46	-11,705.86	1,319.03	727.32	591.71	2.229		
17,000.00	6,840.00	17,343.11	6,840.00	299.48	301.50	90.00	2,824.88	-11,805.86	1,319.01	721.91	597.10	2.209		
17,100.00	6,840.00	17,443.11	6,840.00	302.17	304.16	90.00	2,825.30	-11,905.85	1,318.99	716.49	602.50	2.189		
17,200.00	6,840.00	17,543.11	6,840.00	304.86	306.83	90.00	2,825.72	-12,005.85	1,318.98	711.08	607.90	2.170		
17,300.00	6,840.00	17,643.11	6,840.00	307.56	309.50	90.00	2,826.14	-12,105.85	1,318.96	705.66	613.30	2.151		
17,400.00	6,840.00	17,743.11	6,840.00	310.25	312.17	90.00	2,826.56	-12,205.85	1,318.94	700.25	618.70	2.132		
17,500.00	6,840.00	17,843.11	6,840.00	312.94	314.85	90.00	2,826.98	-12,305.85	1,318.92	694.83	624.10	2.113		
17,600.00	6,840.00	17,943.11	6,840.00	315.64	317.52	90.00	2,827.40	-12,405.85	1,318.91	689.41	629.50	2.095		
17,700.00	6,840.00	18,043.11	6,840.00	318.33	320.19	90.00	2,827.82	-12,505.85	1,318.89	683.99	634.90	2.077		
17,800.00	6,840.00	18,143.11	6,840.00	321.03	322.87	90.00	2,828.24	-12,605.85	1,318.87	678.57	640.30	2.060		
17,900.00	6,840.00	18,243.11	6,840.00	323.72	325.54	90.00	2,828.66	-12,705.85	1,318.86	673.15	645.70	2.043		
18,000.00	6,840.00	18,343.11	6,840.00	326.42	328.22	90.00	2,829.08	-12,805.85	1,318.84	667.73	651.11	2.026		
18,100.00	6,840.00	18,443.11	6,840.00	329.11	330.90	90.00	2,829.50	-12,905.85	1,318.82	662.31	656.51	2.009		
18,200.00	6,840.00	18,543.11	6,840.00	331.81	333.57	90.00	2,829.92	-13,005.84	1,318.80	656.89	661.91	1.992		
18,300.00	6,840.00	18,643.11	6,840.00	334.51	336.25	90.00	2,830.34	-13,105.84	1,318.79	651.47	667.32	1.976		
18,400.00	6,840.00	18,743.11	6,840.00	337.20	338.93	90.00	2,830.76	-13,205.84	1,318.77	646.05	672.72	1.960		
18,500.00	6,840.00	18,843.11	6,840.00	339.90	341.61	90.00	2,831.18	-13,305.84	1,318.75	640.62	678.13	1.945		
18,600.00	6,840.00	18,943.11	6,840.00	342.60	344.29	90.00	2,831.60	-13,405.84	1,318.74	635.20	683.54	1.929		
18,700.00	6,840.00	19,043.11	6,840.00	345.30	346.97	90.00	2,832.02	-13,505.84	1,318.72	629.78	688.94	1.914		
18,800.00	6,840.00	19,143.11	6,840.00	348.00	349.65	90.00	2,832.44	-13,605.84	1,318.70	624.35	694.35	1.899		
18,900.00	6,840.00	19,243.11	6,840.00	350.70	352.33	90.00	2,832.86	-13,705.84	1,318.69	618.93	699.76	1.884		
19,000.00	6,840.00	19,343.11	6,840.00	353.39	355.02	90.00	2,833.28	-13,805.84	1,318.67	613.50	705.17	1.870		
19,100.00	6,840.00	19,443.11	6,840.00	356.09	357.70	90.00	2,833.71	-13,905.84	1,318.65	608.07	710.58	1.856		
19,200.00	6,840.00	19,543.11	6,840.00	358.79	360.38	90.00	2,834.13	-14,005.84	1,318.63	602.65	715.99	1.842		
19,300.00	6,840.00	19,643.11	6,840.00	361.49	363.07	90.00	2,834.55	-14,105.83	1,318.62	597.22	721.40	1.828		
19,400.00	6,840.00	19,743.11	6,840.00	364.20	365.75	90.00	2,834.97	-14,205.83	1,318.60	591.79	726.81	1.814		
19,500.00	6,840.00	19,843.11	6,840.00	366.90	368.44	90.00	2,835.39	-14,305.83	1,318.58	586.36	732.22	1.801		
19,600.00	6,840.00	19,943.11	6,840.00	369.60	371.12	90.00	2,835.81	-14,405.83	1,318.57	580.94	737.63	1.788		
19,700.00	6,840.00	20,043.11	6,840.00	372.30	373.81	90.00	2,836.23	-14,505.83	1,318.55	575.51	743.04	1.775		
19,800.00	6,840.00	20,143.11	6,840.00	375.00	376.50	90.00	2,836.65	-14,605.83	1,318.53	570.08	748.45	1.762		
19,900.00	6,840.00	20,243.11	6,840.00	377.70	379.18	90.00	2,837.07	-14,705.83	1,318.51	564.65	753.87	1.749		
20,000.00	6,840.00	20,343.11	6,840.00	380.40	381.87	90.00	2,837.49	-14,805.83	1,318.50	559.22	759.28	1.737		
20,100.00	6,840.00	20,443.11	6,840.00	383.11	384.56	90.00	2,837.91	-14,905.83	1,318.48	553.79	764.69	1.724		
20,200.00	6,840.00	20,543.11	6,840.00	385.81	387.25	90.00	2,838.33	-15,005.83	1,318.46	548.36	770.11	1.712		
20,300.00	6,840.00	20,643.11	6,840.00	388.51	389.94	90.00	2,838.75	-15,105.83	1,318.45	542.93	775.52	1.700		
20,400.00	6,840.00	20,743.11	6,840.00	391.22	392.63	90.00	2,839.17	-15,205.83	1,318.43	537.50	780.93	1.688		
20,500.00	6,840.00	20,843.11	6,840.00	393.92	395.32	90.00	2,839.59	-15,305.82	1,318.41	532.06	786.35	1.677		
20,539.70	6,840.00	20,882.81	6,840.00	394.99	396.39	90.00	2,839.76	-15,345.52	1,318.40	529.91	788.50	1.672 SF		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.76	0.00	67.76					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	67.76	0.00	67.76	67.49	0.27	252.035		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	67.76	0.00	67.76	66.77	0.99	68.737 CC, ES		
300.00	300.00	298.20	298.18	0.85	0.84	-0.91	69.04	-1.10	69.07	67.37	1.70	40.681		
400.00	400.00	396.17	396.01	1.21	1.20	-3.43	72.86	-4.37	73.10	70.68	2.41	30.303		
500.00	500.00	493.68	493.16	1.57	1.56	-7.05	79.17	-9.79	80.07	76.94	3.13	25.602		
600.00	599.98	590.71	589.50	1.92	1.94	44.10	87.95	-17.32	89.00	85.16	3.84	23.198		
700.00	699.84	687.41	685.06	2.28	2.33	41.68	99.15	-26.93	98.57	94.03	4.54	21.697		
800.00	799.45	783.76	779.72	2.65	2.76	40.07	112.74	-38.59	108.62	103.37	5.26	20.665		
900.00	898.70	879.76	873.40	3.02	3.21	39.08	128.68	-52.27	119.07	113.09	5.98	19.909		
1,000.00	997.47	975.41	965.97	3.42	3.70	38.55	146.92	-67.92	129.84	123.11	6.72	19.315		
1,100.00	1,095.62	1,070.71	1,057.36	3.84	4.23	38.40	167.41	-85.50	140.90	133.43	7.48	18.849		
1,200.00	1,193.06	1,165.66	1,147.47	4.30	4.79	38.52	190.11	-104.98	152.25	143.97	8.27	18.408		
1,300.00	1,289.64	1,260.25	1,236.22	4.79	5.40	38.86	214.97	-126.31	163.86	154.76	9.10	18.011		
1,400.00	1,385.27	1,354.50	1,323.51	5.33	6.06	39.38	241.94	-149.44	175.74	165.77	9.97	17.626		
1,500.00	1,479.82	1,448.41	1,409.27	5.92	6.76	40.02	270.96	-174.34	187.90	177.00	10.90	17.241		
1,600.00	1,573.17	1,541.96	1,493.42	6.56	7.51	40.78	301.97	-200.95	200.33	188.44	11.89	16.847		
1,700.00	1,665.22	1,637.67	1,578.22	7.26	8.33	41.68	335.65	-229.85	212.84	199.84	13.00	16.369		
1,800.00	1,756.74	1,736.85	1,665.84	7.99	9.20	42.82	370.91	-260.10	224.90	210.65	14.25	15.786		
1,900.00	1,848.26	1,836.03	1,753.47	8.75	10.08	43.84	406.17	-290.35	237.03	221.50	15.53	15.263		
2,000.00	1,939.78	1,935.20	1,841.09	9.51	10.97	44.76	441.43	-320.60	249.24	232.39	16.85	14.796		
2,100.00	2,031.30	2,034.38	1,928.71	10.29	11.87	45.60	476.69	-350.85	261.50	243.31	18.19	14.378		
2,200.00	2,122.82	2,133.56	2,016.33	11.07	12.77	46.36	511.95	-381.11	273.81	254.26	19.55	14.004		
2,300.00	2,214.34	2,232.73	2,103.95	11.86	13.68	47.05	547.21	-411.36	286.17	265.23	20.94	13.668		
2,400.00	2,305.85	2,331.91	2,191.57	12.66	14.59	47.69	582.46	-441.61	298.56	276.22	22.34	13.366		
2,500.00	2,397.37	2,431.09	2,279.20	13.46	15.50	48.28	617.72	-471.86	310.99	287.23	23.75	13.093		
2,600.00	2,488.89	2,530.26	2,366.82	14.26	16.41	48.82	652.98	-502.12	323.44	298.26	25.18	12.845		
2,700.00	2,580.41	2,629.44	2,454.44	15.07	17.33	49.32	688.24	-532.37	335.93	309.31	26.62	12.620		
2,800.00	2,671.93	2,728.62	2,542.06	15.88	18.24	49.79	723.50	-562.62	348.43	320.37	28.07	12.415		
2,900.00	2,763.45	2,827.79	2,629.68	16.69	19.16	50.22	758.76	-592.87	360.96	331.44	29.52	12.227		
3,000.00	2,854.97	2,926.97	2,717.30	17.51	20.08	50.62	794.02	-623.12	373.51	342.52	30.98	12.055		
3,100.00	2,946.49	3,026.15	2,804.93	18.32	21.00	51.00	829.28	-653.38	386.07	353.62	32.45	11.897		
3,200.00	3,038.00	3,125.32	2,892.55	19.14	21.93	51.35	864.54	-683.63	398.65	364.72	33.93	11.750		
3,300.00	3,129.52	3,224.50	2,980.17	19.96	22.85	51.69	899.80	-713.88	411.24	375.83	35.41	11.615		
3,400.00	3,221.04	3,323.67	3,067.79	20.77	23.77	52.00	935.06	-744.13	423.85	386.96	36.89	11.489		
3,500.00	3,312.56	3,422.85	3,155.41	21.59	24.70	52.29	970.32	-774.39	436.46	398.08	38.38	11.372		
3,600.00	3,404.08	3,522.03	3,243.03	22.42	25.62	52.57	1,005.58	-804.64	449.09	409.22	39.87	11.264		
3,700.00	3,495.60	3,621.20	3,330.66	23.24	26.54	52.84	1,040.84	-834.89	461.73	420.36	41.37	11.162		
3,800.00	3,587.12	3,720.38	3,418.28	24.06	27.47	53.08	1,076.10	-865.14	474.38	431.51	42.87	11.067		
3,900.00	3,678.63	3,819.56	3,505.90	24.88	28.40	53.32	1,111.36	-895.39	487.03	442.67	44.37	10.978		
4,000.00	3,770.15	3,918.73	3,593.52	25.71	29.32	53.54	1,146.62	-925.65	499.70	453.83	45.87	10.894		
4,100.00	3,861.67	4,017.91	3,681.14	26.53	30.25	53.76	1,181.88	-955.90	512.37	464.99	47.38	10.815		
4,200.00	3,953.19	4,117.09	3,768.76	27.35	31.17	53.96	1,217.14	-986.15	525.04	476.16	48.88	10.741		
4,300.00	4,044.71	4,216.26	3,856.39	28.18	32.10	54.15	1,252.39	-1,016.40	537.73	487.33	50.39	10.670		
4,400.00	4,136.23	4,315.44	3,944.01	29.01	33.03	54.34	1,287.65	-1,046.66	550.41	498.51	51.91	10.604		
4,500.00	4,227.75	4,414.62	4,031.63	29.83	33.96	54.51	1,322.91	-1,076.91	563.11	509.69	53.42	10.541		
4,600.00	4,319.27	4,513.79	4,119.25	30.66	34.88	54.68	1,358.17	-1,107.16	575.81	520.87	54.93	10.482		
4,700.00	4,410.78	4,612.97	4,206.87	31.48	35.81	54.84	1,393.43	-1,137.41	588.51	532.06	56.45	10.425		
4,800.00	4,502.30	4,712.15	4,294.49	32.31	36.74	55.00	1,428.69	-1,167.67	601.22	543.25	57.97	10.372		
4,900.00	4,593.82	4,811.32	4,382.12	33.14	37.67	55.14	1,463.95	-1,197.92	613.93	554.44	59.49	10.320		
5,000.00	4,685.34	4,910.50	4,469.74	33.96	38.60	55.28	1,499.21	-1,228.17	626.65	565.64	61.01	10.272		
5,100.00	4,776.86	5,009.68	4,557.36	34.79	39.52	55.42	1,534.47	-1,258.42	639.37	576.84	62.53	10.225		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,108.85	4,644.98	35.62	40.45	55.55	1,569.73	-1,288.67	652.09	588.04	64.05	10.181		
5,300.00	4,959.90	5,208.03	4,732.60	36.45	41.38	55.68	1,604.99	-1,318.93	664.82	599.24	65.57	10.138		
5,400.00	5,051.41	5,307.21	4,820.22	37.27	42.31	55.80	1,640.25	-1,349.18	677.55	610.45	67.10	10.098		
5,500.00	5,142.93	5,406.38	4,907.85	38.10	43.24	55.91	1,675.51	-1,379.43	690.28	621.66	68.62	10.059		
5,600.00	5,234.45	5,505.56	4,995.47	38.93	44.17	56.03	1,710.77	-1,409.68	703.01	632.87	70.15	10.022		
5,700.00	5,325.97	5,604.74	5,083.09	39.76	45.10	56.13	1,746.03	-1,439.94	715.75	644.08	71.67	9.986		
5,800.00	5,417.49	5,703.91	5,170.71	40.59	46.03	56.24	1,781.29	-1,470.19	728.49	655.29	73.20	9.952		
5,900.00	5,509.01	5,803.09	5,258.33	41.42	46.96	56.34	1,816.55	-1,500.44	741.23	666.50	74.73	9.919		
6,000.00	5,600.53	5,902.27	5,345.95	42.25	47.89	56.44	1,851.81	-1,530.69	753.98	677.72	76.26	9.887		
6,100.00	5,692.04	6,001.44	5,433.58	43.07	48.81	56.53	1,887.06	-1,560.94	766.72	688.94	77.79	9.857		
6,200.00	5,783.56	6,100.62	5,521.20	43.90	49.74	56.62	1,922.32	-1,591.20	779.47	700.16	79.32	9.827		
6,300.00	5,875.08	6,199.79	5,608.82	44.73	50.67	56.71	1,957.58	-1,621.45	792.22	711.38	80.85	9.799		
6,400.00	5,966.60	6,301.03	5,696.44	45.56	51.62	56.80	1,992.84	-1,651.70	804.97	722.58	82.39	9.770		
6,500.00	6,058.12	6,401.85	5,784.06	46.39	52.57	56.88	2,028.10	-1,681.95	817.73	733.79	83.93	9.742		
6,600.00	6,149.64	6,502.68	5,871.68	47.22	53.51	56.96	2,063.36	-1,712.21	830.48	745.01	85.48	9.716		
6,700.00	6,241.16	6,596.50	5,959.31	48.05	54.39	57.04	2,098.62	-1,742.46	843.24	756.27	86.97	9.696		
6,800.00	6,332.68	6,704.32	6,046.93	48.88	55.40	57.11	2,133.88	-1,772.71	856.00	767.43	88.57	9.665		
6,900.00	6,424.19	6,805.15	6,134.55	49.71	56.35	57.19	2,169.14	-1,802.96	868.76	778.65	90.11	9.641		
7,000.00	6,514.88	6,906.09	6,222.06	50.58	57.30	62.84	2,204.36	-1,833.18	881.72	789.91	91.81	9.604		
7,100.00	6,599.14	7,009.01	6,307.84	51.67	58.26	69.92	2,238.87	-1,862.79	895.99	801.51	94.47	9.484		
7,200.00	6,673.85	7,083.18	6,389.28	53.01	58.96	74.58	2,271.65	-1,890.91	912.33	814.41	97.92	9.317		
7,300.00	6,736.73	7,167.66	6,463.92	54.56	59.75	77.86	2,301.68	-1,916.68	932.02	829.76	102.25	9.115		
7,400.00	6,785.87	7,307.48	6,582.15	56.29	61.25	82.08	2,349.33	-1,973.30	954.33	846.75	107.59	8.870		
7,500.00	6,819.79	7,496.58	6,715.09	58.13	63.86	86.27	2,403.15	-2,095.23	974.47	862.58	111.89	8.709		
7,600.00	6,837.44	7,740.86	6,820.27	60.02	67.83	89.41	2,446.24	-2,309.37	987.59	874.44	113.15	8.728		
7,700.00	6,840.00	7,940.72	6,840.00	61.90	71.10	90.00	2,454.99	-2,507.24	989.81	875.84	113.97	8.685		
7,800.00	6,840.00	8,040.72	6,840.00	63.83	72.75	90.00	2,455.42	-2,607.24	989.80	871.65	118.16	8.377		
7,900.00	6,840.00	8,140.72	6,840.00	65.81	74.46	90.00	2,455.85	-2,707.24	989.80	867.35	122.44	8.084		
8,000.00	6,840.00	8,240.72	6,840.00	67.84	76.22	90.00	2,456.28	-2,807.24	989.79	862.97	126.82	7.805		
8,100.00	6,840.00	8,340.72	6,840.00	69.91	78.03	90.00	2,456.71	-2,907.24	989.78	858.51	131.27	7.540		
8,200.00	6,840.00	8,440.72	6,840.00	72.03	79.89	90.00	2,457.14	-3,007.24	989.77	853.97	135.80	7.289		
8,300.00	6,840.00	8,540.72	6,840.00	74.18	81.80	90.00	2,457.57	-3,107.24	989.76	849.37	140.39	7.050		
8,400.00	6,840.00	8,640.72	6,840.00	76.37	83.75	90.00	2,458.00	-3,207.24	989.75	844.71	145.04	6.824		
8,500.00	6,840.00	8,740.72	6,840.00	78.59	85.74	90.00	2,458.43	-3,307.24	989.74	840.00	149.74	6.610		
8,600.00	6,840.00	8,840.72	6,840.00	80.85	87.77	90.00	2,458.85	-3,407.24	989.74	835.24	154.49	6.406		
8,700.00	6,840.00	8,940.72	6,840.00	83.13	89.84	90.00	2,459.28	-3,507.23	989.73	830.44	159.29	6.213		
8,800.00	6,840.00	9,040.72	6,840.00	85.44	91.94	90.00	2,459.71	-3,607.23	989.72	825.59	164.12	6.030		
8,900.00	6,840.00	9,140.72	6,840.00	87.77	94.07	90.00	2,460.14	-3,707.23	989.71	820.71	169.00	5.856		
9,000.00	6,840.00	9,240.72	6,840.00	90.12	96.24	90.00	2,460.57	-3,807.23	989.70	815.80	173.90	5.691		
9,100.00	6,840.00	9,340.72	6,840.00	92.50	98.43	90.00	2,461.00	-3,907.23	989.69	810.85	178.84	5.534		
9,200.00	6,840.00	9,440.72	6,840.00	94.89	100.65	90.00	2,461.43	-4,007.23	989.68	805.88	183.80	5.384		
9,300.00	6,840.00	9,540.72	6,840.00	97.30	102.89	90.00	2,461.86	-4,107.23	989.68	800.88	188.80	5.242		
9,400.00	6,840.00	9,640.72	6,840.00	99.73	105.16	90.00	2,462.29	-4,207.23	989.67	795.86	193.81	5.106		
9,500.00	6,840.00	9,740.72	6,840.00	102.17	107.45	90.00	2,462.71	-4,307.23	989.66	790.81	198.85	4.977		
9,600.00	6,840.00	9,840.72	6,840.00	104.63	109.76	90.00	2,463.14	-4,407.23	989.65	785.74	203.91	4.853		
9,700.00	6,840.00	9,940.72	6,840.00	107.10	112.09	90.00	2,463.57	-4,507.23	989.64	780.66	208.98	4.735		
9,800.00	6,840.00	10,040.72	6,840.00	109.58	114.44	90.00	2,464.00	-4,607.22	989.63	775.55	214.08	4.623		
9,900.00	6,840.00	10,140.72	6,840.00	112.07	116.80	90.00	2,464.43	-4,707.22	989.62	770.43	219.19	4.515		
10,000.00	6,840.00	10,240.72	6,840.00	114.58	119.18	90.00	2,464.86	-4,807.22	989.62	765.30	224.32	4.412		
10,100.00	6,840.00	10,340.72	6,840.00	117.09	121.58	90.00	2,465.29	-4,907.22	989.61	760.15	229.46	4.313		
10,200.00	6,840.00	10,440.72	6,840.00	119.61	123.99	90.00	2,465.72	-5,007.22	989.60	754.98	234.62	4.218		
10,300.00	6,840.00	10,540.72	6,840.00	122.14	126.41	90.00	2,466.15	-5,107.22	989.59	749.81	239.78	4.127		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,640.72	6,840.00	124.68	128.85	90.00	2,466.58	-5,207.22	989.58	744.62	244.96	4.040		
10,500.00	6,840.00	10,740.72	6,840.00	127.23	131.29	90.00	2,467.00	-5,307.22	989.57	739.42	250.15	3.956		
10,600.00	6,840.00	10,840.72	6,840.00	129.78	133.75	90.00	2,467.43	-5,407.22	989.56	734.21	255.35	3.875		
10,700.00	6,840.00	10,940.72	6,840.00	132.35	136.22	90.00	2,467.86	-5,507.22	989.56	728.99	260.56	3.798		
10,800.00	6,840.00	11,040.72	6,840.00	134.91	138.70	90.00	2,468.29	-5,607.22	989.55	723.76	265.78	3.723		
10,900.00	6,840.00	11,140.72	6,840.00	137.49	141.19	90.00	2,468.72	-5,707.21	989.54	718.53	271.01	3.651		
11,000.00	6,840.00	11,240.72	6,840.00	140.07	143.68	90.00	2,469.15	-5,807.21	989.53	713.28	276.25	3.582		
11,100.00	6,840.00	11,340.72	6,840.00	142.65	146.19	90.00	2,469.58	-5,907.21	989.52	708.03	281.49	3.515		
11,200.00	6,840.00	11,440.72	6,840.00	145.24	148.70	90.00	2,470.01	-6,007.21	989.51	702.77	286.75	3.451		
11,300.00	6,840.00	11,540.72	6,840.00	147.83	151.22	90.00	2,470.44	-6,107.21	989.50	697.50	292.00	3.389		
11,400.00	6,840.00	11,640.72	6,840.00	150.43	153.75	90.00	2,470.86	-6,207.21	989.50	692.23	297.27	3.329		
11,500.00	6,840.00	11,740.72	6,840.00	153.04	156.29	90.00	2,471.29	-6,307.21	989.49	686.95	302.54	3.271		
11,600.00	6,840.00	11,840.72	6,840.00	155.64	158.83	90.00	2,471.72	-6,407.21	989.48	681.66	307.82	3.215		
11,700.00	6,840.00	11,940.72	6,840.00	158.26	161.37	90.00	2,472.15	-6,507.21	989.47	676.37	313.10	3.160		
11,800.00	6,840.00	12,040.72	6,840.00	160.87	163.93	90.00	2,472.58	-6,607.21	989.46	671.07	318.39	3.108		
11,900.00	6,840.00	12,140.72	6,840.00	163.49	166.49	90.00	2,473.01	-6,707.21	989.45	665.77	323.68	3.057		
12,000.00	6,840.00	12,240.72	6,840.00	166.11	169.05	90.00	2,473.44	-6,807.20	989.44	660.47	328.98	3.008		
12,100.00	6,840.00	12,340.72	6,840.00	168.74	171.62	90.00	2,473.87	-6,907.20	989.44	655.16	334.28	2.960		
12,200.00	6,840.00	12,440.72	6,840.00	171.37	174.19	90.00	2,474.30	-7,007.20	989.43	649.84	339.59	2.914		
12,300.00	6,840.00	12,540.72	6,840.00	174.00	176.77	90.00	2,474.73	-7,107.20	989.42	644.52	344.90	2.869		
12,400.00	6,840.00	12,640.72	6,840.00	176.63	179.36	90.00	2,475.15	-7,207.20	989.41	639.20	350.21	2.825		
12,500.00	6,840.00	12,740.72	6,840.00	179.27	181.94	90.00	2,475.58	-7,307.20	989.40	633.87	355.53	2.783		
12,600.00	6,840.00	12,840.72	6,840.00	181.91	184.53	90.00	2,476.01	-7,407.20	989.39	628.54	360.85	2.742		
12,700.00	6,840.00	12,940.72	6,840.00	184.55	187.13	90.00	2,476.44	-7,507.20	989.38	623.21	366.18	2.702		
12,800.00	6,840.00	13,040.72	6,840.00	187.19	189.73	90.00	2,476.87	-7,607.20	989.38	617.87	371.51	2.663		
12,900.00	6,840.00	13,140.72	6,840.00	189.84	192.33	90.00	2,477.30	-7,707.20	989.37	612.53	376.84	2.625		
13,000.00	6,840.00	13,240.72	6,840.00	192.48	194.94	90.00	2,477.73	-7,807.20	989.36	607.18	382.17	2.589		
13,100.00	6,840.00	13,340.72	6,840.00	195.13	197.55	90.00	2,478.16	-7,907.19	989.35	601.84	387.51	2.553		
13,200.00	6,840.00	13,440.72	6,840.00	197.79	200.16	90.00	2,478.59	-8,007.19	989.34	596.49	392.85	2.518		
13,300.00	6,840.00	13,540.72	6,840.00	200.44	202.77	90.00	2,479.01	-8,107.19	989.33	591.14	398.20	2.485		
13,400.00	6,840.00	13,640.72	6,840.00	203.10	205.39	90.00	2,479.44	-8,207.19	989.32	585.78	403.54	2.452		
13,500.00	6,840.00	13,740.72	6,840.00	205.75	208.01	90.00	2,479.87	-8,307.19	989.32	580.43	408.89	2.420		
13,600.00	6,840.00	13,840.72	6,840.00	208.41	210.63	90.00	2,480.30	-8,407.19	989.31	575.07	414.24	2.388		
13,700.00	6,840.00	13,940.72	6,840.00	211.07	213.26	90.00	2,480.73	-8,507.19	989.30	569.70	419.59	2.358		
13,800.00	6,840.00	14,040.72	6,840.00	213.74	215.89	90.00	2,481.16	-8,607.19	989.29	564.34	424.95	2.328		
13,900.00	6,840.00	14,140.72	6,840.00	216.40	218.52	90.00	2,481.59	-8,707.19	989.28	558.97	430.31	2.299		
14,000.00	6,840.00	14,240.72	6,840.00	219.06	221.15	90.00	2,482.02	-8,807.19	989.27	553.61	435.67	2.271		
14,100.00	6,840.00	14,340.72	6,840.00	221.73	223.79	90.00	2,482.45	-8,907.19	989.26	548.24	441.03	2.243		
14,200.00	6,840.00	14,440.72	6,840.00	224.40	226.42	90.00	2,482.87	-9,007.18	989.26	542.86	446.39	2.216		
14,300.00	6,840.00	14,540.72	6,840.00	227.07	229.06	90.00	2,483.30	-9,107.18	989.25	537.49	451.76	2.190		
14,400.00	6,840.00	14,640.72	6,840.00	229.74	231.70	90.00	2,483.73	-9,207.18	989.24	532.12	457.12	2.164		
14,500.00	6,840.00	14,740.72	6,840.00	232.41	234.35	90.00	2,484.16	-9,307.18	989.23	526.74	462.49	2.139		
14,600.00	6,840.00	14,840.72	6,840.00	235.08	236.99	90.00	2,484.59	-9,407.18	989.22	521.36	467.86	2.114		
14,700.00	6,840.00	14,940.72	6,840.00	237.75	239.64	90.00	2,485.02	-9,507.18	989.21	515.98	473.23	2.090		
14,800.00	6,840.00	15,040.72	6,840.00	240.43	242.29	90.00	2,485.45	-9,607.18	989.20	510.60	478.61	2.067		
14,900.00	6,840.00	15,140.72	6,840.00	243.10	244.94	90.00	2,485.88	-9,707.18	989.20	505.21	483.98	2.044		
15,000.00	6,840.00	15,240.72	6,840.00	245.78	247.59	90.00	2,486.31	-9,807.18	989.19	499.83	489.36	2.021		
15,100.00	6,840.00	15,340.72	6,840.00	248.46	250.24	90.00	2,486.74	-9,907.18	989.18	494.44	494.74	1.999		
15,200.00	6,840.00	15,440.72	6,840.00	251.14	252.90	90.00	2,487.16	-10,007.17	989.17	489.06	500.11	1.978		
15,300.00	6,840.00	15,540.72	6,840.00	253.82	255.55	90.00	2,487.59	-10,107.17	989.16	483.67	505.49	1.957		
15,400.00	6,840.00	15,640.72	6,840.00	256.50	258.21	90.00	2,488.02	-10,207.17	989.15	478.28	510.88	1.936		
15,500.00	6,840.00	15,740.72	6,840.00	259.18	260.87	90.00	2,488.45	-10,307.17	989.14	472.89	516.26	1.916		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-02 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,840.72	6,840.00	261.86	263.53	90.00	2,488.88	-10,407.17	989.14	467.49	521.64	1.896		
15,700.00	6,840.00	15,940.72	6,840.00	264.54	266.19	90.00	2,489.31	-10,507.17	989.13	462.10	527.03	1.877		
15,800.00	6,840.00	16,040.72	6,840.00	267.23	268.85	90.00	2,489.74	-10,607.17	989.12	456.70	532.41	1.858		
15,900.00	6,840.00	16,140.72	6,840.00	269.91	271.52	90.00	2,490.17	-10,707.17	989.11	451.31	537.80	1.839		
16,000.00	6,840.00	16,240.72	6,840.00	272.59	274.18	90.00	2,490.60	-10,807.17	989.10	445.91	543.19	1.821		
16,100.00	6,840.00	16,340.72	6,840.00	275.28	276.85	90.00	2,491.02	-10,907.17	989.09	440.51	548.58	1.803		
16,200.00	6,840.00	16,440.72	6,840.00	277.97	279.51	90.00	2,491.45	-11,007.17	989.08	435.12	553.97	1.785		
16,300.00	6,840.00	16,540.72	6,840.00	280.65	282.18	90.00	2,491.88	-11,107.16	989.08	429.72	559.36	1.768		
16,400.00	6,840.00	16,640.72	6,840.00	283.34	284.85	90.00	2,492.31	-11,207.16	989.07	424.31	564.75	1.751		
16,500.00	6,840.00	16,740.72	6,840.00	286.03	287.52	90.00	2,492.74	-11,307.16	989.06	418.91	570.15	1.735		
16,600.00	6,840.00	16,840.72	6,840.00	288.72	290.19	90.00	2,493.17	-11,407.16	989.05	413.51	575.54	1.718		
16,700.00	6,840.00	16,940.72	6,840.00	291.41	292.86	90.00	2,493.60	-11,507.16	989.04	408.11	580.93	1.703		
16,800.00	6,840.00	17,040.72	6,840.00	294.10	295.54	90.00	2,494.03	-11,607.16	989.03	402.70	586.33	1.687		
16,900.00	6,840.00	17,140.72	6,840.00	296.79	298.21	90.00	2,494.46	-11,707.16	989.02	397.30	591.73	1.671		
17,000.00	6,840.00	17,240.72	6,840.00	299.48	300.88	90.00	2,494.88	-11,807.16	989.02	391.89	597.12	1.656		
17,100.00	6,840.00	17,340.72	6,840.00	302.17	303.56	90.00	2,495.31	-11,907.16	989.01	386.49	602.52	1.641		
17,200.00	6,840.00	17,440.72	6,840.00	304.86	306.24	90.00	2,495.74	-12,007.16	989.00	381.08	607.92	1.627		
17,300.00	6,840.00	17,540.72	6,840.00	307.56	308.91	90.00	2,496.17	-12,107.16	988.99	375.67	613.32	1.613		
17,400.00	6,840.00	17,640.72	6,840.00	310.25	311.59	90.00	2,496.60	-12,207.15	988.98	370.26	618.72	1.598		
17,500.00	6,840.00	17,740.72	6,840.00	312.94	314.27	90.00	2,497.03	-12,307.15	988.97	364.85	624.12	1.585		
17,600.00	6,840.00	17,840.72	6,840.00	315.64	316.95	90.00	2,497.46	-12,407.15	988.96	359.44	629.52	1.571		
17,700.00	6,840.00	17,940.72	6,840.00	318.33	319.63	90.00	2,497.89	-12,507.15	988.96	354.03	634.92	1.558		
17,800.00	6,840.00	18,040.72	6,840.00	321.03	322.31	90.00	2,498.32	-12,607.15	988.95	348.62	640.33	1.544		
17,900.00	6,840.00	18,140.72	6,840.00	323.72	324.99	90.00	2,498.75	-12,707.15	988.94	343.21	645.73	1.532		
18,000.00	6,840.00	18,240.72	6,840.00	326.42	327.67	90.00	2,499.17	-12,807.15	988.93	337.80	651.13	1.519		
18,100.00	6,840.00	18,340.72	6,840.00	329.11	330.35	90.00	2,499.60	-12,907.15	988.92	332.38	656.54	1.506		
18,200.00	6,840.00	18,440.72	6,840.00	331.81	333.04	90.00	2,500.03	-13,007.15	988.91	326.97	661.94	1.494 Level 3		
18,300.00	6,840.00	18,540.72	6,840.00	334.51	335.72	90.00	2,500.46	-13,107.15	988.90	321.56	667.35	1.482 Level 3		
18,400.00	6,840.00	18,640.72	6,840.00	337.20	338.41	90.00	2,500.89	-13,207.15	988.90	316.14	672.76	1.470 Level 3		
18,500.00	6,840.00	18,740.72	6,840.00	339.90	341.09	90.00	2,501.32	-13,307.14	988.89	310.72	678.16	1.458 Level 3		
18,600.00	6,840.00	18,840.72	6,840.00	342.60	343.78	90.00	2,501.75	-13,407.14	988.88	305.31	683.57	1.447 Level 3		
18,700.00	6,840.00	18,940.72	6,840.00	345.30	346.46	90.00	2,502.18	-13,507.14	988.87	299.89	688.98	1.435 Level 3		
18,800.00	6,840.00	19,040.72	6,840.00	348.00	349.15	90.00	2,502.61	-13,607.14	988.86	294.48	694.39	1.424 Level 3		
18,900.00	6,840.00	19,140.72	6,840.00	350.70	351.84	90.00	2,503.03	-13,707.14	988.85	289.06	699.79	1.413 Level 3		
19,000.00	6,840.00	19,240.72	6,840.00	353.39	354.52	90.00	2,503.46	-13,807.14	988.84	283.64	705.20	1.402 Level 3		
19,100.00	6,840.00	19,340.72	6,840.00	356.09	357.21	90.00	2,503.89	-13,907.14	988.84	278.22	710.61	1.392 Level 3		
19,200.00	6,840.00	19,440.72	6,840.00	358.79	359.90	90.00	2,504.32	-14,007.14	988.83	272.80	716.02	1.381 Level 3		
19,300.00	6,840.00	19,540.72	6,840.00	361.49	362.59	90.00	2,504.75	-14,107.14	988.82	267.38	721.43	1.371 Level 3		
19,400.00	6,840.00	19,640.72	6,840.00	364.20	365.28	90.00	2,505.18	-14,207.14	988.81	261.96	726.85	1.360 Level 3		
19,500.00	6,840.00	19,740.72	6,840.00	366.90	367.97	90.00	2,505.61	-14,307.14	988.80	256.54	732.26	1.350 Level 3		
19,600.00	6,840.00	19,840.72	6,840.00	369.60	370.66	90.00	2,506.04	-14,407.13	988.79	251.12	737.67	1.340 Level 3		
19,700.00	6,840.00	19,940.72	6,840.00	372.30	373.35	90.00	2,506.47	-14,507.13	988.78	245.70	743.08	1.331 Level 3		
19,800.00	6,840.00	20,040.72	6,840.00	375.00	376.04	90.00	2,506.90	-14,607.13	988.78	240.28	748.49	1.321 Level 3		
19,900.00	6,840.00	20,140.72	6,840.00	377.70	378.73	90.00	2,507.32	-14,707.13	988.77	234.86	753.91	1.312 Level 3		
20,000.00	6,840.00	20,240.72	6,840.00	380.40	381.43	90.00	2,507.75	-14,807.13	988.76	229.44	759.32	1.302 Level 3		
20,100.00	6,840.00	20,340.72	6,840.00	383.11	384.12	90.00	2,508.18	-14,907.13	988.75	224.02	764.73	1.293 Level 3		
20,200.00	6,840.00	20,440.72	6,840.00	385.81	386.81	90.00	2,508.61	-15,007.13	988.74	218.59	770.15	1.284 Level 3		
20,300.00	6,840.00	20,540.72	6,840.00	388.51	389.51	90.00	2,509.04	-15,107.13	988.73	213.17	775.56	1.275 Level 3		
20,400.00	6,840.00	20,640.72	6,840.00	391.22	392.20	90.00	2,509.47	-15,207.13	988.72	207.75	780.98	1.266 Level 3		
20,500.00	6,840.00	20,740.72	6,840.00	393.92	394.89	90.00	2,509.90	-15,307.13	988.72	202.32	786.39	1.257 Level 3		
20,539.70	6,840.00	20,780.41	6,840.00	394.99	395.96	90.00	2,510.07	-15,346.82	988.71	200.17	788.54	1.254 Level 3, SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.54	0.00	45.54					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	45.54	0.00	45.54	45.27	0.27	169.378		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	45.54	0.00	45.54	44.55	0.99	46.194		
300.00	300.00	300.00	300.00	0.85	0.85	0.00	45.54	0.00	45.54	43.84	1.70	26.744 CC		
400.00	400.00	398.84	398.82	1.21	1.20	-1.47	46.75	-1.20	46.78	44.37	2.42	19.369		
500.00	500.00	497.45	497.29	1.57	1.56	-5.42	50.38	-4.78	50.68	47.55	3.13	16.198		
600.00	599.98	595.75	595.22	1.92	1.92	44.98	56.39	-10.72	56.36	52.52	3.84	14.684		
700.00	699.84	693.81	692.57	2.28	2.30	42.01	64.77	-18.99	62.59	58.04	4.55	13.767		
800.00	799.45	791.63	789.22	2.65	2.69	40.01	75.48	-29.57	69.24	63.98	5.26	13.161		
900.00	898.70	889.22	885.07	3.02	3.12	38.75	88.51	-42.42	76.22	70.23	5.99	12.733		
1,000.00	997.47	986.57	980.01	3.42	3.57	38.05	103.80	-57.52	83.47	76.75	6.73	12.410		
1,100.00	1,095.62	1,083.68	1,073.94	3.84	4.06	37.78	121.34	-74.84	90.97	83.49	7.49	12.151		
1,200.00	1,193.06	1,180.55	1,166.75	4.30	4.59	37.86	141.08	-94.33	98.70	90.43	8.28	11.925		
1,300.00	1,289.64	1,277.19	1,258.35	4.79	5.16	38.18	162.99	-115.96	106.65	97.55	9.10	11.714		
1,400.00	1,385.27	1,373.59	1,348.63	5.33	5.78	38.71	187.02	-139.69	114.82	104.84	9.98	11.506		
1,500.00	1,479.82	1,469.75	1,437.52	5.92	6.45	39.40	213.14	-165.47	123.22	112.31	10.91	11.294		
1,600.00	1,573.17	1,565.68	1,524.91	6.56	7.17	40.20	241.29	-193.26	131.84	119.93	11.91	11.071		
1,700.00	1,665.22	1,662.99	1,612.27	7.26	7.95	41.18	271.77	-223.36	140.49	127.47	13.02	10.790		
1,800.00	1,756.74	1,762.61	1,701.46	7.99	8.78	42.39	303.35	-254.54	148.67	134.41	14.26	10.426		
1,900.00	1,848.26	1,862.23	1,790.65	8.75	9.62	43.47	334.93	-285.72	156.91	141.37	15.54	10.097		
2,000.00	1,939.78	1,961.84	1,879.83	9.51	10.47	44.44	366.52	-316.90	165.21	148.35	16.85	9.802		
2,100.00	2,031.30	2,061.46	1,969.02	10.29	11.33	45.32	398.10	-348.08	173.54	155.34	18.20	9.538		
2,200.00	2,122.82	2,161.08	2,058.21	11.07	12.19	46.11	429.68	-379.26	181.91	162.35	19.56	9.300		
2,300.00	2,214.34	2,260.70	2,147.39	11.86	13.06	46.84	461.26	-410.44	190.31	169.37	20.95	9.086		
2,400.00	2,305.85	2,360.32	2,236.58	12.66	13.93	47.50	492.84	-441.62	198.75	176.40	22.35	8.893		
2,500.00	2,397.37	2,459.94	2,325.77	13.46	14.81	48.12	524.42	-472.80	207.20	183.44	23.76	8.719		
2,600.00	2,488.89	2,559.55	2,414.95	14.26	15.68	48.68	556.00	-503.98	215.68	190.48	25.19	8.561		
2,700.00	2,580.41	2,659.17	2,504.14	15.07	16.56	49.20	587.59	-535.16	224.17	197.54	26.63	8.417		
2,800.00	2,671.93	2,758.79	2,593.33	15.88	17.44	49.68	619.17	-566.34	232.69	204.60	28.08	8.285		
2,900.00	2,763.45	2,858.41	2,682.51	16.69	18.33	50.13	650.75	-597.52	241.22	211.67	29.54	8.165		
3,000.00	2,854.97	2,958.03	2,771.70	17.51	19.21	50.55	682.33	-628.70	249.76	218.75	31.01	8.055		
3,100.00	2,946.49	3,057.65	2,860.89	18.32	20.10	50.94	713.91	-659.88	258.31	225.83	32.48	7.953		
3,200.00	3,038.00	3,157.27	2,950.07	19.14	20.98	51.30	745.49	-691.06	266.88	232.92	33.96	7.859		
3,300.00	3,129.52	3,256.88	3,039.26	19.96	21.87	51.65	777.07	-722.24	275.45	240.01	35.44	7.773		
3,400.00	3,221.04	3,356.50	3,128.45	20.77	22.76	51.97	808.66	-753.42	284.04	247.11	36.93	7.692		
3,500.00	3,312.56	3,456.12	3,217.63	21.59	23.65	52.27	840.24	-784.60	292.63	254.21	38.42	7.617		
3,600.00	3,404.08	3,555.74	3,306.82	22.42	24.54	52.56	871.82	-815.78	301.23	261.32	39.91	7.547		
3,700.00	3,495.60	3,655.36	3,396.01	23.24	25.43	52.83	903.40	-846.96	309.84	268.43	41.41	7.482		
3,800.00	3,587.12	3,754.98	3,485.19	24.06	26.32	53.08	934.98	-878.14	318.46	275.54	42.91	7.421		
3,900.00	3,678.63	3,854.60	3,574.38	24.88	27.21	53.32	966.56	-909.32	327.08	282.66	44.42	7.364		
4,000.00	3,770.15	3,954.21	3,663.57	25.71	28.10	53.55	998.15	-940.50	335.70	289.78	45.92	7.310		
4,100.00	3,861.67	4,053.83	3,752.75	26.53	28.99	53.77	1,029.73	-971.68	344.33	296.90	47.43	7.260		
4,200.00	3,953.19	4,153.45	3,841.94	27.35	29.89	53.98	1,061.31	-1,002.86	352.97	304.03	48.94	7.212		
4,300.00	4,044.71	4,253.07	3,931.13	28.18	30.78	54.18	1,092.89	-1,034.04	361.61	311.15	50.45	7.167		
4,400.00	4,136.23	4,352.69	4,020.31	29.01	31.67	54.36	1,124.47	-1,065.22	370.25	318.28	51.97	7.124		
4,500.00	4,227.75	4,452.31	4,109.50	29.83	32.57	54.54	1,156.05	-1,096.40	378.90	325.41	53.49	7.084		
4,600.00	4,319.27	4,551.93	4,198.69	30.66	33.46	54.71	1,187.63	-1,127.58	387.55	332.55	55.00	7.046		
4,700.00	4,410.78	4,651.54	4,287.87	31.48	34.35	54.88	1,219.22	-1,158.76	396.21	339.68	56.52	7.010		
4,800.00	4,502.30	4,751.16	4,377.06	32.31	35.25	55.04	1,250.80	-1,189.94	404.86	346.82	58.04	6.975		
4,900.00	4,593.82	4,850.78	4,466.25	33.14	36.14	55.19	1,282.38	-1,221.12	413.52	353.96	59.56	6.943		
5,000.00	4,685.34	4,950.40	4,555.43	33.96	37.04	55.33	1,313.96	-1,252.30	422.19	361.10	61.09	6.911		
5,100.00	4,776.86	5,050.02	4,644.62	34.79	37.93	55.47	1,345.54	-1,283.48	430.85	368.24	62.61	6.882		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,149.64	4,733.81	35.62	38.82	55.60	1,377.12	-1,314.66	439.52	375.39	64.13	6.853		
5,300.00	4,959.90	5,249.25	4,822.99	36.45	39.72	55.73	1,408.70	-1,345.84	448.19	382.53	65.66	6.826		
5,400.00	5,051.41	5,348.87	4,912.18	37.27	40.61	55.85	1,440.29	-1,377.02	456.87	389.68	67.19	6.800		
5,500.00	5,142.93	5,448.49	5,001.37	38.10	41.51	55.97	1,471.87	-1,408.20	465.54	396.83	68.71	6.775		
5,600.00	5,234.45	5,548.11	5,090.55	38.93	42.40	56.08	1,503.45	-1,439.38	474.22	403.97	70.24	6.751		
5,700.00	5,325.97	5,647.73	5,179.74	39.76	43.30	56.19	1,535.03	-1,470.56	482.89	411.12	71.77	6.728		
5,800.00	5,417.49	5,747.35	5,268.93	40.59	44.20	56.30	1,566.61	-1,501.74	491.57	418.28	73.30	6.706		
5,900.00	5,509.01	5,846.97	5,358.11	41.42	45.09	56.40	1,598.19	-1,532.92	500.26	425.43	74.83	6.685		
6,000.00	5,600.53	5,946.58	5,447.30	42.25	45.99	56.50	1,629.78	-1,564.10	508.94	432.58	76.36	6.665		
6,100.00	5,692.04	6,046.20	5,536.49	43.07	46.88	56.60	1,661.36	-1,595.28	517.62	439.73	77.89	6.645		
6,200.00	5,783.56	6,145.82	5,625.67	43.90	47.78	56.69	1,692.94	-1,626.46	526.31	446.89	79.42	6.627		
6,300.00	5,875.08	6,245.44	5,714.86	44.73	48.67	56.78	1,724.52	-1,657.64	535.00	454.04	80.95	6.609		
6,400.00	5,966.60	6,345.06	5,804.05	45.56	49.57	56.87	1,756.10	-1,688.82	543.69	461.20	82.49	6.591		
6,500.00	6,058.12	6,444.68	5,893.23	46.39	50.47	56.95	1,787.68	-1,720.00	552.38	468.36	84.02	6.574		
6,600.00	6,149.64	6,544.30	5,982.42	47.22	51.36	57.03	1,819.26	-1,751.18	561.07	475.51	85.55	6.558		
6,700.00	6,241.16	6,643.91	6,071.61	48.05	52.26	57.11	1,850.85	-1,782.36	569.76	482.67	87.09	6.542		
6,800.00	6,332.68	6,743.53	6,160.79	48.88	53.15	57.19	1,882.43	-1,813.54	578.45	489.83	88.62	6.527		
6,900.00	6,424.19	6,843.15	6,249.98	49.71	54.05	57.26	1,914.01	-1,844.72	587.15	496.99	90.16	6.513		
7,000.00	6,514.88	6,942.66	6,339.07	50.58	54.95	63.21	1,945.56	-1,875.87	596.04	504.16	91.88	6.487		
7,100.00	6,599.14	7,040.30	6,426.49	51.67	55.82	71.21	1,976.51	-1,906.43	606.45	511.63	94.82	6.396		
7,200.00	6,673.85	7,145.61	6,519.84	53.01	56.81	77.39	2,009.58	-1,942.07	619.26	520.26	99.00	6.255		
7,300.00	6,736.73	7,270.59	6,621.40	54.56	58.28	82.27	2,045.66	-2,004.84	632.45	529.04	103.41	6.116		
7,400.00	6,785.87	7,407.60	6,715.07	56.29	60.23	85.90	2,079.10	-2,098.60	644.40	537.21	107.19	6.012		
7,500.00	6,819.79	7,556.38	6,789.87	58.13	62.66	88.43	2,106.02	-2,223.87	653.67	543.76	109.91	5.947		
7,600.00	6,837.44	7,714.29	6,833.22	60.02	65.39	89.79	2,121.96	-2,374.35	658.93	547.55	111.38	5.916		
7,700.00	6,840.00	7,848.94	6,840.00	61.90	67.70	90.00	2,124.94	-2,508.60	659.76	546.18	113.58	5.809		
7,800.00	6,840.00	7,948.94	6,840.00	63.83	69.44	90.00	2,125.38	-2,608.60	659.76	541.97	117.79	5.601		
7,900.00	6,840.00	8,048.94	6,840.00	65.81	71.24	90.00	2,125.82	-2,708.60	659.76	537.66	122.09	5.404		
8,000.00	6,840.00	8,148.94	6,840.00	67.84	73.09	90.00	2,126.25	-2,808.60	659.76	533.27	126.48	5.216		
8,100.00	6,840.00	8,248.94	6,840.00	69.91	75.00	90.00	2,126.69	-2,908.60	659.76	528.80	130.95	5.038		
8,200.00	6,840.00	8,348.94	6,840.00	72.03	76.94	90.00	2,127.13	-3,008.60	659.76	524.26	135.49	4.869		
8,300.00	6,840.00	8,448.94	6,840.00	74.18	78.94	90.00	2,127.56	-3,108.60	659.76	519.66	140.10	4.709		
8,400.00	6,840.00	8,548.94	6,840.00	76.37	80.97	90.00	2,128.00	-3,208.60	659.76	514.99	144.76	4.558		
8,500.00	6,840.00	8,648.94	6,840.00	78.59	83.05	90.00	2,128.44	-3,308.60	659.76	510.28	149.48	4.414		
8,600.00	6,840.00	8,748.94	6,840.00	80.85	85.16	90.00	2,128.88	-3,408.59	659.76	505.51	154.24	4.277		
8,700.00	6,840.00	8,848.94	6,840.00	83.13	87.30	90.00	2,129.31	-3,508.59	659.76	500.71	159.05	4.148		
8,800.00	6,840.00	8,948.94	6,840.00	85.44	89.48	90.00	2,129.75	-3,608.59	659.76	495.86	163.89	4.025		
8,900.00	6,840.00	9,048.94	6,840.00	87.77	91.69	90.00	2,130.19	-3,708.59	659.76	490.98	168.78	3.909		
9,000.00	6,840.00	9,148.94	6,840.00	90.12	93.92	90.00	2,130.63	-3,808.59	659.76	486.06	173.69	3.798		
9,100.00	6,840.00	9,248.94	6,840.00	92.50	96.18	90.00	2,131.06	-3,908.59	659.76	481.12	178.64	3.693		
9,200.00	6,840.00	9,348.94	6,840.00	94.89	98.46	90.00	2,131.50	-4,008.59	659.76	476.14	183.61	3.593		
9,300.00	6,840.00	9,448.94	6,840.00	97.30	100.77	90.00	2,131.94	-4,108.59	659.76	471.14	188.61	3.498		
9,400.00	6,840.00	9,548.94	6,840.00	99.73	103.09	90.00	2,132.38	-4,208.59	659.76	466.12	193.63	3.407		
9,500.00	6,840.00	9,648.94	6,840.00	102.17	105.44	90.00	2,132.81	-4,308.59	659.76	461.08	198.68	3.321		
9,600.00	6,840.00	9,748.94	6,840.00	104.63	107.80	90.00	2,133.25	-4,408.59	659.75	456.01	203.75	3.238		
9,700.00	6,840.00	9,848.94	6,840.00	107.10	110.19	90.00	2,133.69	-4,508.58	659.75	450.93	208.83	3.159		
9,800.00	6,840.00	9,948.94	6,840.00	109.58	112.58	90.00	2,134.13	-4,608.58	659.75	445.82	213.93	3.084		
9,900.00	6,840.00	10,048.94	6,840.00	112.07	115.00	90.00	2,134.56	-4,708.58	659.75	440.71	219.05	3.012		
10,000.00	6,840.00	10,148.94	6,840.00	114.58	117.42	90.00	2,135.00	-4,808.58	659.75	435.57	224.18	2.943		
10,100.00	6,840.00	10,248.94	6,840.00	117.09	119.86	90.00	2,135.44	-4,908.58	659.75	430.42	229.33	2.877		
10,200.00	6,840.00	10,348.94	6,840.00	119.61	122.31	90.00	2,135.88	-5,008.58	659.75	425.26	234.49	2.814		
10,300.00	6,840.00	10,448.94	6,840.00	122.14	124.78	90.00	2,136.31	-5,108.58	659.75	420.09	239.66	2.753		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,548.94	6,840.00	124.68	127.25	90.00	2,136.75	-5,208.58	659.75	414.91	244.85	2.695		
10,500.00	6,840.00	10,648.94	6,840.00	127.23	129.74	90.00	2,137.19	-5,308.58	659.75	409.71	250.04	2.639		
10,600.00	6,840.00	10,748.94	6,840.00	129.78	132.23	90.00	2,137.63	-5,408.58	659.75	404.51	255.25	2.585		
10,700.00	6,840.00	10,848.94	6,840.00	132.35	134.74	90.00	2,138.06	-5,508.57	659.75	399.29	260.46	2.533		
10,800.00	6,840.00	10,948.94	6,840.00	134.91	137.25	90.00	2,138.50	-5,608.57	659.75	394.07	265.69	2.483		
10,900.00	6,840.00	11,048.94	6,840.00	137.49	139.77	90.00	2,138.94	-5,708.57	659.75	388.83	270.92	2.435		
11,000.00	6,840.00	11,148.94	6,840.00	140.07	142.30	90.00	2,139.38	-5,808.57	659.75	383.59	276.16	2.389		
11,100.00	6,840.00	11,248.94	6,840.00	142.65	144.83	90.00	2,139.81	-5,908.57	659.75	378.35	281.41	2.344		
11,200.00	6,840.00	11,348.94	6,840.00	145.24	147.38	90.00	2,140.25	-6,008.57	659.75	373.09	286.66	2.301		
11,300.00	6,840.00	11,448.94	6,840.00	147.83	149.92	90.00	2,140.69	-6,108.57	659.75	367.83	291.93	2.260		
11,400.00	6,840.00	11,548.94	6,840.00	150.43	152.48	90.00	2,141.13	-6,208.57	659.75	362.56	297.19	2.220		
11,500.00	6,840.00	11,648.94	6,840.00	153.04	155.04	90.00	2,141.56	-6,308.57	659.75	357.28	302.47	2.181		
11,600.00	6,840.00	11,748.94	6,840.00	155.64	157.61	90.00	2,142.00	-6,408.57	659.75	352.00	307.75	2.144		
11,700.00	6,840.00	11,848.94	6,840.00	158.26	160.18	90.00	2,142.44	-6,508.57	659.75	346.72	313.03	2.108		
11,800.00	6,840.00	11,948.94	6,840.00	160.87	162.76	90.00	2,142.88	-6,608.56	659.75	341.43	318.33	2.073		
11,900.00	6,840.00	12,048.94	6,840.00	163.49	165.34	90.00	2,143.31	-6,708.56	659.75	336.13	323.62	2.039		
12,000.00	6,840.00	12,148.94	6,840.00	166.11	167.92	90.00	2,143.75	-6,808.56	659.75	330.83	328.92	2.006		
12,100.00	6,840.00	12,248.94	6,840.00	168.74	170.51	90.00	2,144.19	-6,908.56	659.75	325.53	334.23	1.974		
12,200.00	6,840.00	12,348.94	6,840.00	171.37	173.11	90.00	2,144.63	-7,008.56	659.75	320.22	339.54	1.943		
12,300.00	6,840.00	12,448.94	6,840.00	174.00	175.71	90.00	2,145.06	-7,108.56	659.75	314.90	344.85	1.913		
12,400.00	6,840.00	12,548.94	6,840.00	176.63	178.31	90.00	2,145.50	-7,208.56	659.75	309.59	350.17	1.884		
12,500.00	6,840.00	12,648.94	6,840.00	179.27	180.92	90.00	2,145.94	-7,308.56	659.75	304.27	355.49	1.856		
12,600.00	6,840.00	12,748.94	6,840.00	181.91	183.53	90.00	2,146.38	-7,408.56	659.75	298.94	360.81	1.829		
12,700.00	6,840.00	12,848.94	6,840.00	184.55	186.14	90.00	2,146.81	-7,508.56	659.75	293.61	366.14	1.802		
12,800.00	6,840.00	12,948.94	6,840.00	187.19	188.75	90.00	2,147.25	-7,608.55	659.75	288.28	371.47	1.776		
12,900.00	6,840.00	13,048.94	6,840.00	189.84	191.37	90.00	2,147.69	-7,708.55	659.75	282.95	376.80	1.751		
13,000.00	6,840.00	13,148.94	6,840.00	192.48	194.00	90.00	2,148.12	-7,808.55	659.75	277.61	382.14	1.726		
13,100.00	6,840.00	13,248.94	6,840.00	195.13	196.62	90.00	2,148.56	-7,908.55	659.75	272.27	387.48	1.703		
13,200.00	6,840.00	13,348.94	6,840.00	197.79	199.25	90.00	2,149.00	-8,008.55	659.75	266.93	392.82	1.680		
13,300.00	6,840.00	13,448.94	6,840.00	200.44	201.88	90.00	2,149.44	-8,108.55	659.75	261.58	398.17	1.657		
13,400.00	6,840.00	13,548.94	6,840.00	203.10	204.51	90.00	2,149.87	-8,208.55	659.75	256.24	403.52	1.635		
13,500.00	6,840.00	13,648.94	6,840.00	205.75	207.14	90.00	2,150.31	-8,308.55	659.75	250.89	408.87	1.614		
13,600.00	6,840.00	13,748.94	6,840.00	208.41	209.78	90.00	2,150.75	-8,408.55	659.75	245.53	414.22	1.593		
13,700.00	6,840.00	13,848.94	6,840.00	211.07	212.42	90.00	2,151.19	-8,508.55	659.75	240.18	419.57	1.572		
13,800.00	6,840.00	13,948.94	6,840.00	213.74	215.06	90.00	2,151.62	-8,608.55	659.75	234.82	424.93	1.553		
13,900.00	6,840.00	14,048.94	6,840.00	216.40	217.70	90.00	2,152.06	-8,708.54	659.75	229.46	430.29	1.533		
14,000.00	6,840.00	14,148.94	6,840.00	219.06	220.35	90.00	2,152.50	-8,808.54	659.75	224.10	435.65	1.514		
14,100.00	6,840.00	14,248.94	6,840.00	221.73	223.00	90.00	2,152.94	-8,908.54	659.75	218.74	441.01	1.496 Level 3		
14,200.00	6,840.00	14,348.94	6,840.00	224.40	225.65	90.00	2,153.37	-9,008.54	659.75	213.37	446.38	1.478 Level 3		
14,300.00	6,840.00	14,448.94	6,840.00	227.07	228.30	90.00	2,153.81	-9,108.54	659.75	208.01	451.75	1.460 Level 3		
14,400.00	6,840.00	14,548.94	6,840.00	229.74	230.95	90.00	2,154.25	-9,208.54	659.75	202.64	457.11	1.443 Level 3		
14,500.00	6,840.00	14,648.94	6,840.00	232.41	233.60	90.00	2,154.69	-9,308.54	659.75	197.27	462.48	1.427 Level 3		
14,600.00	6,840.00	14,748.94	6,840.00	235.08	236.26	90.00	2,155.12	-9,408.54	659.75	191.90	467.86	1.410 Level 3		
14,700.00	6,840.00	14,848.94	6,840.00	237.75	238.91	90.00	2,155.56	-9,508.54	659.75	186.52	473.23	1.394 Level 3		
14,800.00	6,840.00	14,948.94	6,840.00	240.43	241.57	90.00	2,156.00	-9,608.54	659.75	181.15	478.60	1.378 Level 3		
14,900.00	6,840.00	15,048.94	6,840.00	243.10	244.23	90.00	2,156.44	-9,708.53	659.75	175.77	483.98	1.363 Level 3		
15,000.00	6,840.00	15,148.94	6,840.00	245.78	246.89	90.00	2,156.87	-9,808.53	659.75	170.39	489.36	1.348 Level 3		
15,100.00	6,840.00	15,248.94	6,840.00	248.46	249.56	90.00	2,157.31	-9,908.53	659.75	165.02	494.74	1.334 Level 3		
15,200.00	6,840.00	15,348.94	6,840.00	251.14	252.22	90.00	2,157.75	-10,008.53	659.75	159.64	500.12	1.319 Level 3		
15,300.00	6,840.00	15,448.94	6,840.00	253.82	254.89	90.00	2,158.19	-10,108.53	659.75	154.25	505.50	1.305 Level 3		
15,400.00	6,840.00	15,548.94	6,840.00	256.50	257.55	90.00	2,158.62	-10,208.53	659.75	148.87	510.88	1.291 Level 3		
15,500.00	6,840.00	15,648.94	6,840.00	259.18	260.22	90.00	2,159.06	-10,308.53	659.75	143.49	516.26	1.278 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,748.94	6,840.00	261.86	262.89	90.00	2,159.50	-10,408.53	659.75	138.10	521.65	1.265	Level 3	
15,700.00	6,840.00	15,848.94	6,840.00	264.54	265.56	90.00	2,159.94	-10,508.53	659.75	132.72	527.04	1.252	Level 3	
15,800.00	6,840.00	15,948.94	6,840.00	267.23	268.23	90.00	2,160.37	-10,608.53	659.75	127.33	532.42	1.239	Level 2	
15,900.00	6,840.00	16,048.94	6,840.00	269.91	270.90	90.00	2,160.81	-10,708.53	659.75	121.94	537.81	1.227	Level 2	
16,000.00	6,840.00	16,148.94	6,840.00	272.59	273.57	90.00	2,161.25	-10,808.52	659.75	116.55	543.20	1.215	Level 2	
16,100.00	6,840.00	16,248.94	6,840.00	275.28	276.24	90.00	2,161.69	-10,908.52	659.75	111.16	548.59	1.203	Level 2	
16,200.00	6,840.00	16,348.94	6,840.00	277.97	278.92	90.00	2,162.12	-11,008.52	659.75	105.77	553.98	1.191	Level 2	
16,300.00	6,840.00	16,448.94	6,840.00	280.65	281.59	90.00	2,162.56	-11,108.52	659.75	100.38	559.37	1.179	Level 2	
16,400.00	6,840.00	16,548.94	6,840.00	283.34	284.27	90.00	2,163.00	-11,208.52	659.75	94.98	564.77	1.168	Level 2	
16,500.00	6,840.00	16,648.94	6,840.00	286.03	286.95	90.00	2,163.44	-11,308.52	659.75	89.59	570.16	1.157	Level 2	
16,600.00	6,840.00	16,748.94	6,840.00	288.72	289.62	90.00	2,163.87	-11,408.52	659.75	84.19	575.56	1.146	Level 2	
16,700.00	6,840.00	16,848.94	6,840.00	291.41	292.30	90.00	2,164.31	-11,508.52	659.75	78.80	580.95	1.136	Level 2	
16,800.00	6,840.00	16,948.94	6,840.00	294.10	294.98	90.00	2,164.75	-11,608.52	659.75	73.40	586.35	1.125	Level 2	
16,900.00	6,840.00	17,048.94	6,840.00	296.79	297.66	90.00	2,165.19	-11,708.52	659.75	68.01	591.75	1.115	Level 2	
17,000.00	6,840.00	17,148.94	6,840.00	299.48	300.34	90.00	2,165.62	-11,808.51	659.75	62.61	597.14	1.105	Level 2	
17,100.00	6,840.00	17,248.94	6,840.00	302.17	303.03	90.00	2,166.06	-11,908.51	659.75	57.21	602.54	1.095	Level 2	
17,200.00	6,840.00	17,348.94	6,840.00	304.86	305.71	90.00	2,166.50	-12,008.51	659.75	51.81	607.94	1.085	Level 2	
17,300.00	6,840.00	17,448.94	6,840.00	307.56	308.39	90.00	2,166.93	-12,108.51	659.75	46.41	613.34	1.076	Level 2	
17,400.00	6,840.00	17,548.94	6,840.00	310.25	311.07	90.00	2,167.37	-12,208.51	659.75	41.01	618.74	1.066	Level 2	
17,500.00	6,840.00	17,648.94	6,840.00	312.94	313.76	90.00	2,167.81	-12,308.51	659.75	35.61	624.14	1.057	Level 2	
17,600.00	6,840.00	17,748.94	6,840.00	315.64	316.44	90.00	2,168.25	-12,408.51	659.75	30.20	629.55	1.048	Level 2	
17,700.00	6,840.00	17,848.94	6,840.00	318.33	319.13	90.00	2,168.68	-12,508.51	659.75	24.80	634.95	1.039	Level 2	
17,800.00	6,840.00	17,948.94	6,840.00	321.03	321.81	90.00	2,169.12	-12,608.51	659.75	19.40	640.35	1.030	Level 2	
17,900.00	6,840.00	18,048.94	6,840.00	323.72	324.50	90.00	2,169.56	-12,708.51	659.75	13.99	645.76	1.022	Level 2	
18,000.00	6,840.00	18,148.94	6,840.00	326.42	327.19	90.00	2,170.00	-12,808.51	659.75	8.59	651.16	1.013	Level 2	
18,100.00	6,840.00	18,248.94	6,840.00	329.11	329.88	90.00	2,170.43	-12,908.50	659.75	3.18	656.57	1.005	Level 2	
18,200.00	6,840.00	18,348.94	6,840.00	331.81	332.56	90.00	2,170.87	-13,008.50	659.75	-2.22	661.97	0.997	Level 1	
18,300.00	6,840.00	18,448.94	6,840.00	334.51	335.25	90.00	2,171.31	-13,108.50	659.75	-7.63	667.38	0.989	Level 1	
18,400.00	6,840.00	18,548.94	6,840.00	337.20	337.94	90.00	2,171.75	-13,208.50	659.75	-13.04	672.79	0.981	Level 1	
18,500.00	6,840.00	18,648.94	6,840.00	339.90	340.63	90.00	2,172.18	-13,308.50	659.75	-18.44	678.19	0.973	Level 1	
18,600.00	6,840.00	18,748.94	6,840.00	342.60	343.32	90.00	2,172.62	-13,408.50	659.75	-23.85	683.60	0.965	Level 1	
18,700.00	6,840.00	18,848.94	6,840.00	345.30	346.01	90.00	2,173.06	-13,508.50	659.75	-29.26	689.01	0.958	Level 1	
18,800.00	6,840.00	18,948.94	6,840.00	348.00	348.71	90.00	2,173.50	-13,608.50	659.75	-34.67	694.42	0.950	Level 1	
18,900.00	6,840.00	19,048.94	6,840.00	350.70	351.40	90.00	2,173.93	-13,708.50	659.75	-40.08	699.83	0.943	Level 1	
19,000.00	6,840.00	19,148.94	6,840.00	353.39	354.09	90.00	2,174.37	-13,808.50	659.75	-45.49	705.24	0.935	Level 1	
19,100.00	6,840.00	19,248.94	6,840.00	356.09	356.78	90.00	2,174.81	-13,908.49	659.75	-50.90	710.65	0.928	Level 1	
19,200.00	6,840.00	19,348.94	6,840.00	358.79	359.47	90.00	2,175.25	-14,008.49	659.75	-56.31	716.06	0.921	Level 1	
19,300.00	6,840.00	19,448.94	6,840.00	361.49	362.17	90.00	2,175.68	-14,108.49	659.75	-61.72	721.47	0.914	Level 1	
19,400.00	6,840.00	19,548.94	6,840.00	364.20	364.86	90.00	2,176.12	-14,208.49	659.75	-67.13	726.88	0.908	Level 1	
19,500.00	6,840.00	19,648.94	6,840.00	366.90	367.56	90.00	2,176.56	-14,308.49	659.75	-72.55	732.29	0.901	Level 1	
19,600.00	6,840.00	19,748.94	6,840.00	369.60	370.25	90.00	2,177.00	-14,408.49	659.75	-77.96	737.71	0.894	Level 1	
19,700.00	6,840.00	19,848.94	6,840.00	372.30	372.95	90.00	2,177.43	-14,508.49	659.75	-83.37	743.12	0.888	Level 1	
19,800.00	6,840.00	19,948.94	6,840.00	375.00	375.64	90.00	2,177.87	-14,608.49	659.75	-88.78	748.53	0.881	Level 1	
19,900.00	6,840.00	20,048.94	6,840.00	377.70	378.34	90.00	2,178.31	-14,708.49	659.75	-94.20	753.95	0.875	Level 1	
20,000.00	6,840.00	20,148.94	6,840.00	380.40	381.03	90.00	2,178.75	-14,808.49	659.75	-99.61	759.36	0.869	Level 1	
20,100.00	6,840.00	20,248.94	6,840.00	383.11	383.73	90.00	2,179.18	-14,908.49	659.75	-105.03	764.77	0.863	Level 1	
20,200.00	6,840.00	20,348.94	6,840.00	385.81	386.43	90.00	2,179.62	-15,008.48	659.75	-110.44	770.19	0.857	Level 1	
20,300.00	6,840.00	20,448.94	6,840.00	388.51	389.12	90.00	2,180.06	-15,108.48	659.75	-115.86	775.60	0.851	Level 1	
20,400.00	6,840.00	20,548.94	6,840.00	391.22	391.82	90.00	2,180.50	-15,208.48	659.75	-121.27	781.02	0.845	Level 1	
20,500.00	6,840.00	20,648.94	6,840.00	393.92	394.52	90.00	2,180.93	-15,308.48	659.75	-126.69	786.44	0.839	Level 1	
20,539.70	6,840.00	20,688.63	6,840.00	394.99	395.59	90.00	2,181.11	-15,348.18	659.75	-128.84	788.59	0.837	Level 1, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.59	0.00	22.59					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	22.59	0.00	22.59	22.32	0.27	84.012		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	22.59	0.00	22.59	21.60	0.99	22.912		
300.00	300.00	300.00	300.00	0.85	0.85	0.00	22.59	0.00	22.59	20.88	1.70	13.265		
400.00	400.00	400.00	400.00	1.21	1.21	0.00	22.59	0.00	22.59	20.17	2.42	9.335 CC		
500.00	500.00	499.45	499.43	1.57	1.56	-3.16	23.71	-1.31	23.76	20.62	3.13	7.582		
600.00	599.98	598.76	598.60	1.92	1.92	46.26	27.08	-5.22	26.39	22.54	3.84	6.868		
700.00	699.84	697.95	697.41	2.28	2.28	42.55	32.69	-11.73	29.38	24.83	4.55	6.455		
800.00	799.45	797.01	795.74	2.65	2.66	40.01	40.51	-20.81	32.64	27.37	5.27	6.197		
900.00	898.70	895.96	893.49	3.02	3.06	38.38	50.53	-32.45	36.11	30.12	5.99	6.027		
1,000.00	997.47	994.79	990.53	3.42	3.48	37.43	62.74	-46.62	39.76	33.03	6.73	5.906		
1,100.00	1,095.62	1,093.50	1,086.75	3.84	3.94	37.01	77.10	-63.29	43.56	36.06	7.49	5.813		
1,200.00	1,193.06	1,192.09	1,182.04	4.30	4.43	36.99	93.60	-82.44	47.50	39.22	8.28	5.736		
1,300.00	1,289.64	1,290.57	1,276.29	4.79	4.96	37.28	112.20	-104.04	51.57	42.46	9.11	5.663		
1,400.00	1,385.27	1,388.92	1,369.40	5.33	5.54	37.81	132.88	-128.05	55.78	45.80	9.98	5.590		
1,500.00	1,479.82	1,487.16	1,461.25	5.92	6.17	38.53	155.60	-154.43	60.12	49.21	10.91	5.511		
1,600.00	1,573.17	1,585.28	1,551.76	6.56	6.86	39.38	180.34	-183.15	64.60	52.69	11.91	5.425		
1,700.00	1,665.22	1,683.90	1,641.42	7.26	7.59	40.42	207.12	-214.25	69.11	56.10	13.01	5.311		
1,800.00	1,756.74	1,783.80	1,731.92	7.99	8.38	41.72	234.73	-246.30	73.27	59.02	14.24	5.144		
1,900.00	1,848.26	1,883.70	1,822.42	8.75	9.17	42.88	262.33	-278.35	77.46	61.94	15.52	4.992		
2,000.00	1,939.78	1,983.60	1,912.93	9.51	9.98	43.92	289.94	-310.40	81.67	64.85	16.83	4.854		
2,100.00	2,031.30	2,083.50	2,003.43	10.29	10.80	44.85	317.55	-342.46	85.92	67.75	18.16	4.730		
2,200.00	2,122.82	2,183.40	2,093.93	11.07	11.62	45.70	345.15	-374.51	90.18	70.65	19.53	4.618		
2,300.00	2,214.34	2,283.30	2,184.43	11.86	12.45	46.47	372.76	-406.56	94.46	73.55	20.91	4.517		
2,400.00	2,305.85	2,383.20	2,274.94	12.66	13.29	47.18	400.37	-438.61	98.76	76.45	22.31	4.426		
2,500.00	2,397.37	2,483.10	2,365.44	13.46	14.12	47.83	427.97	-470.67	103.07	79.34	23.73	4.344		
2,600.00	2,488.89	2,583.00	2,455.94	14.26	14.96	48.42	455.58	-502.72	107.39	82.23	25.16	4.269		
2,700.00	2,580.41	2,682.90	2,546.44	15.07	15.81	48.97	483.19	-534.77	111.73	85.13	26.60	4.200		
2,800.00	2,671.93	2,782.80	2,636.94	15.88	16.65	49.47	510.79	-566.82	116.07	88.02	28.05	4.138		
2,900.00	2,763.45	2,882.70	2,727.45	16.69	17.50	49.95	538.40	-598.87	120.42	90.91	29.51	4.081		
3,000.00	2,854.97	2,982.60	2,817.95	17.51	18.35	50.38	566.01	-630.93	124.78	93.80	30.98	4.028		
3,100.00	2,946.49	3,082.50	2,908.45	18.32	19.20	50.79	593.61	-662.98	129.14	96.70	32.45	3.980		
3,200.00	3,038.00	3,182.41	2,998.95	19.14	20.05	51.17	621.22	-695.03	133.52	99.59	33.93	3.935		
3,300.00	3,129.52	3,282.31	3,089.45	19.96	20.90	51.53	648.83	-727.08	137.89	102.48	35.41	3.894		
3,400.00	3,221.04	3,382.21	3,179.96	20.77	21.75	51.87	676.43	-759.14	142.28	105.38	36.90	3.856		
3,500.00	3,312.56	3,482.11	3,270.46	21.59	22.61	52.18	704.04	-791.19	146.66	108.27	38.39	3.820		
3,600.00	3,404.08	3,582.01	3,360.96	22.42	23.46	52.48	731.65	-823.24	151.05	111.17	39.89	3.787		
3,700.00	3,495.60	3,681.91	3,451.46	23.24	24.32	52.76	759.25	-855.29	155.45	114.06	41.39	3.756		
3,800.00	3,587.12	3,781.81	3,541.97	24.06	25.17	53.02	786.86	-887.35	159.85	116.96	42.89	3.727		
3,900.00	3,678.63	3,881.71	3,632.47	24.88	26.03	53.27	814.47	-919.40	164.25	119.86	44.39	3.700		
4,000.00	3,770.15	3,981.61	3,722.97	25.71	26.89	53.51	842.07	-951.45	168.65	122.75	45.90	3.674		
4,100.00	3,861.67	4,081.51	3,813.47	26.53	27.75	53.74	869.68	-983.50	173.06	125.65	47.41	3.650		
4,200.00	3,953.19	4,181.41	3,903.97	27.35	28.60	53.95	897.29	-1,015.55	177.47	128.55	48.92	3.628		
4,300.00	4,044.71	4,281.31	3,994.48	28.18	29.46	54.15	924.90	-1,047.61	181.88	131.45	50.44	3.606		
4,400.00	4,136.23	4,381.21	4,084.98	29.01	30.32	54.35	952.50	-1,079.66	186.30	134.35	51.95	3.586		
4,500.00	4,227.75	4,481.11	4,175.48	29.83	31.18	54.53	980.11	-1,111.71	190.71	137.24	53.47	3.567		
4,600.00	4,319.27	4,581.01	4,265.98	30.66	32.04	54.71	1,007.72	-1,143.76	195.13	140.14	54.99	3.549		
4,700.00	4,410.78	4,680.91	4,356.48	31.48	32.90	54.88	1,035.32	-1,175.82	199.55	143.04	56.51	3.531		
4,800.00	4,502.30	4,780.81	4,446.99	32.31	33.76	55.04	1,062.93	-1,207.87	203.97	145.95	58.03	3.515		
4,900.00	4,593.82	4,880.71	4,537.49	33.14	34.62	55.19	1,090.54	-1,239.92	208.40	148.85	59.55	3.499		
5,000.00	4,685.34	4,980.62	4,627.99	33.96	35.48	55.34	1,118.14	-1,271.97	212.82	151.75	61.07	3.485		
5,100.00	4,776.86	5,080.52	4,718.49	34.79	36.34	55.48	1,145.75	-1,304.03	217.25	154.65	62.60	3.471		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,180.42	4,809.00	35.62	37.20	55.62	1,173.36	-1,336.08	221.68	157.55	64.12	3.457		
5,300.00	4,959.90	5,280.32	4,899.50	36.45	38.06	55.75	1,200.96	-1,368.13	226.10	160.45	65.65	3.444		
5,400.00	5,051.41	5,380.22	4,990.00	37.27	38.92	55.88	1,228.57	-1,400.18	230.53	163.36	67.18	3.432		
5,500.00	5,142.93	5,480.12	5,080.50	38.10	39.78	56.00	1,256.18	-1,432.23	234.96	166.26	68.70	3.420		
5,600.00	5,234.45	5,580.02	5,171.00	38.93	40.64	56.12	1,283.78	-1,464.29	239.40	169.16	70.23	3.409		
5,700.00	5,325.97	5,679.92	5,261.51	39.76	41.50	56.23	1,311.39	-1,496.34	243.83	172.07	71.76	3.398		
5,800.00	5,417.49	5,779.82	5,352.01	40.59	42.37	56.34	1,339.00	-1,528.39	248.26	174.97	73.29	3.387		
5,900.00	5,509.01	5,879.72	5,442.51	41.42	43.23	56.44	1,366.60	-1,560.44	252.70	177.87	74.82	3.377		
6,000.00	5,600.53	5,979.62	5,533.01	42.25	44.09	56.54	1,394.21	-1,592.50	257.13	180.78	76.35	3.368		
6,100.00	5,692.04	6,079.52	5,623.51	43.07	44.95	56.64	1,421.82	-1,624.55	261.57	183.68	77.89	3.358		
6,200.00	5,783.56	6,179.42	5,714.02	43.90	45.81	56.74	1,449.42	-1,656.60	266.01	186.59	79.42	3.349		
6,300.00	5,875.08	6,279.32	5,804.52	44.73	46.67	56.83	1,477.03	-1,688.65	270.44	189.49	80.95	3.341		
6,400.00	5,966.60	6,379.22	5,895.02	45.56	47.54	56.92	1,504.64	-1,720.71	274.88	192.40	82.48	3.333		
6,500.00	6,058.12	6,479.12	5,985.52	46.39	48.40	57.00	1,532.24	-1,752.76	279.32	195.30	84.02	3.325		
6,600.00	6,149.64	6,579.02	6,076.03	47.22	49.26	57.09	1,559.85	-1,784.81	283.76	198.21	85.55	3.317		
6,700.00	6,241.16	6,678.93	6,166.53	48.05	50.12	57.17	1,587.46	-1,816.86	288.20	201.12	87.08	3.309		
6,800.00	6,332.68	6,778.83	6,257.03	48.88	50.98	57.24	1,615.06	-1,848.92	292.64	204.02	88.62	3.302		
6,900.00	6,424.19	6,878.73	6,347.53	49.71	51.85	57.32	1,642.67	-1,880.97	297.08	206.93	90.15	3.295		
7,000.00	6,514.88	6,978.54	6,437.95	50.58	52.71	57.40	1,670.25	-1,912.99	301.74	209.73	92.01	3.279		
7,100.00	6,599.14	7,082.61	6,530.74	51.67	53.68	57.50	1,698.58	-1,950.44	307.67	212.15	95.51	3.221		
7,200.00	6,673.85	7,192.01	6,620.03	53.01	54.95	57.56	1,725.92	-2,007.09	313.71	214.48	99.23	3.161		
7,300.00	6,736.73	7,304.62	6,699.46	54.56	56.53	58.94	1,750.36	-2,082.81	319.32	216.58	102.74	3.108		
7,400.00	6,785.87	7,420.14	6,764.61	56.29	58.39	58.95	1,770.54	-2,175.81	324.06	218.22	105.84	3.062		
7,500.00	6,819.79	7,538.00	6,811.31	58.13	60.45	58.88	1,785.18	-2,282.80	327.52	219.14	108.38	3.022		
7,600.00	6,837.44	7,657.42	6,836.28	60.02	62.62	58.85	1,793.27	-2,399.08	329.41	218.99	110.42	2.983		
7,700.00	6,840.00	7,768.55	6,840.00	61.90	64.62	90.00	1,794.88	-2,510.05	329.70	216.47	113.22	2.912		
7,800.00	6,840.00	7,868.55	6,840.00	63.83	66.45	90.00	1,795.32	-2,610.05	329.70	212.25	117.45	2.807		
7,900.00	6,840.00	7,968.55	6,840.00	65.81	68.34	90.00	1,795.76	-2,710.05	329.70	207.93	121.77	2.708		
8,000.00	6,840.00	8,068.55	6,840.00	67.84	70.29	90.00	1,796.20	-2,810.04	329.70	203.52	126.18	2.613		
8,100.00	6,840.00	8,168.55	6,840.00	69.91	72.28	90.00	1,796.63	-2,910.04	329.70	199.03	130.66	2.523		
8,200.00	6,840.00	8,268.55	6,840.00	72.03	74.31	90.00	1,797.07	-3,010.04	329.70	194.48	135.22	2.438		
8,300.00	6,840.00	8,368.55	6,840.00	74.18	76.39	90.00	1,797.51	-3,110.04	329.70	189.86	139.83	2.358		
8,400.00	6,840.00	8,468.55	6,840.00	76.37	78.51	90.00	1,797.95	-3,210.04	329.70	185.19	144.51	2.281		
8,500.00	6,840.00	8,568.55	6,840.00	78.59	80.66	90.00	1,798.38	-3,310.04	329.70	180.46	149.24	2.209		
8,600.00	6,840.00	8,668.55	6,840.00	80.85	82.84	90.00	1,798.82	-3,410.04	329.70	175.68	154.01	2.141		
8,700.00	6,840.00	8,768.55	6,840.00	83.13	85.06	90.00	1,799.26	-3,510.04	329.70	170.87	158.83	2.076		
8,800.00	6,840.00	8,868.55	6,840.00	85.44	87.31	90.00	1,799.70	-3,610.04	329.70	166.01	163.68	2.014		
8,900.00	6,840.00	8,968.55	6,840.00	87.77	89.58	90.00	1,800.13	-3,710.04	329.70	161.12	168.58	1.956		
9,000.00	6,840.00	9,068.55	6,840.00	90.12	91.88	90.00	1,800.57	-3,810.03	329.70	156.20	173.50	1.900		
9,100.00	6,840.00	9,168.55	6,840.00	92.50	94.20	90.00	1,801.01	-3,910.03	329.70	151.24	178.45	1.848		
9,200.00	6,840.00	9,268.55	6,840.00	94.89	96.54	90.00	1,801.45	-4,010.03	329.70	146.26	183.44	1.797		
9,300.00	6,840.00	9,368.55	6,840.00	97.30	98.90	90.00	1,801.88	-4,110.03	329.70	141.25	188.44	1.750		
9,400.00	6,840.00	9,468.55	6,840.00	99.73	101.28	90.00	1,802.32	-4,210.03	329.70	136.22	193.47	1.704		
9,500.00	6,840.00	9,568.55	6,840.00	102.17	103.68	90.00	1,802.76	-4,310.03	329.70	131.17	198.53	1.661		
9,600.00	6,840.00	9,668.55	6,840.00	104.63	106.09	90.00	1,803.20	-4,410.03	329.70	126.10	203.60	1.619		
9,700.00	6,840.00	9,768.55	6,840.00	107.10	108.52	90.00	1,803.63	-4,510.03	329.70	121.01	208.69	1.580		
9,800.00	6,840.00	9,868.55	6,840.00	109.58	110.96	90.00	1,804.07	-4,610.03	329.70	115.90	213.80	1.542		
9,900.00	6,840.00	9,968.55	6,840.00	112.07	113.42	90.00	1,804.51	-4,710.03	329.70	110.78	218.92	1.506		
10,000.00	6,840.00	10,068.55	6,840.00	114.58	115.88	90.00	1,804.95	-4,810.03	329.70	105.64	224.06	1.471 Level 3		
10,100.00	6,840.00	10,168.55	6,840.00	117.09	118.36	90.00	1,805.38	-4,910.02	329.70	100.48	229.21	1.438 Level 3		
10,200.00	6,840.00	10,268.55	6,840.00	119.61	120.85	90.00	1,805.82	-5,010.02	329.70	95.32	234.38	1.407 Level 3		
10,300.00	6,840.00	10,368.55	6,840.00	122.14	123.35	90.00	1,806.26	-5,110.02	329.70	90.14	239.55	1.376 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,468.55	6,840.00	124.68	125.86	90.00	1,806.70	-5,210.02	329.70	84.95	244.74	1.347	Level 3	
10,500.00	6,840.00	10,568.55	6,840.00	127.23	128.38	90.00	1,807.13	-5,310.02	329.70	79.75	249.94	1.319	Level 3	
10,600.00	6,840.00	10,668.55	6,840.00	129.78	130.91	90.00	1,807.57	-5,410.02	329.70	74.54	255.15	1.292	Level 3	
10,700.00	6,840.00	10,768.55	6,840.00	132.35	133.44	90.00	1,808.01	-5,510.02	329.69	69.32	260.37	1.266	Level 3	
10,800.00	6,840.00	10,868.55	6,840.00	134.91	135.99	90.00	1,808.44	-5,610.02	329.69	64.10	265.60	1.241	Level 2	
10,900.00	6,840.00	10,968.55	6,840.00	137.49	138.53	90.00	1,808.88	-5,710.02	329.69	58.86	270.84	1.217	Level 2	
11,000.00	6,840.00	11,068.55	6,840.00	140.07	141.09	90.00	1,809.32	-5,810.02	329.69	53.62	276.08	1.194	Level 2	
11,100.00	6,840.00	11,168.55	6,840.00	142.65	143.65	90.00	1,809.76	-5,910.01	329.69	48.36	281.33	1.172	Level 2	
11,200.00	6,840.00	11,268.55	6,840.00	145.24	146.22	90.00	1,810.19	-6,010.01	329.69	43.11	286.59	1.150	Level 2	
11,300.00	6,840.00	11,368.55	6,840.00	147.83	148.79	90.00	1,810.63	-6,110.01	329.69	37.84	291.85	1.130	Level 2	
11,400.00	6,840.00	11,468.55	6,840.00	150.43	151.37	90.00	1,811.07	-6,210.01	329.69	32.57	297.13	1.110	Level 2	
11,500.00	6,840.00	11,568.55	6,840.00	153.04	153.96	90.00	1,811.51	-6,310.01	329.69	27.29	302.40	1.090	Level 2	
11,600.00	6,840.00	11,668.55	6,840.00	155.64	156.55	90.00	1,811.94	-6,410.01	329.69	22.01	307.69	1.072	Level 2	
11,700.00	6,840.00	11,768.55	6,840.00	158.26	159.14	90.00	1,812.38	-6,510.01	329.69	16.72	312.97	1.053	Level 2	
11,800.00	6,840.00	11,868.55	6,840.00	160.87	161.74	90.00	1,812.82	-6,610.01	329.69	11.43	318.27	1.036	Level 2	
11,900.00	6,840.00	11,968.55	6,840.00	163.49	164.34	90.00	1,813.26	-6,710.01	329.69	6.13	323.57	1.019	Level 2	
12,000.00	6,840.00	12,068.55	6,840.00	166.11	166.94	90.00	1,813.69	-6,810.01	329.69	0.82	328.87	1.003	Level 2	
12,100.00	6,840.00	12,168.55	6,840.00	168.74	169.55	90.00	1,814.13	-6,910.01	329.69	-4.48	334.18	0.987	Level 1	
12,200.00	6,840.00	12,268.55	6,840.00	171.37	172.17	90.00	1,814.57	-7,010.00	329.69	-9.79	339.49	0.971	Level 1	
12,300.00	6,840.00	12,368.55	6,840.00	174.00	174.78	90.00	1,815.01	-7,110.00	329.69	-15.11	344.80	0.956	Level 1	
12,400.00	6,840.00	12,468.55	6,840.00	176.63	177.40	90.00	1,815.44	-7,210.00	329.69	-20.43	350.12	0.942	Level 1	
12,500.00	6,840.00	12,568.55	6,840.00	179.27	180.02	90.00	1,815.88	-7,310.00	329.69	-25.75	355.45	0.928	Level 1	
12,600.00	6,840.00	12,668.55	6,840.00	181.91	182.65	90.00	1,816.32	-7,410.00	329.69	-31.08	360.77	0.914	Level 1	
12,700.00	6,840.00	12,768.55	6,840.00	184.55	185.28	90.00	1,816.76	-7,510.00	329.69	-36.41	366.10	0.901	Level 1	
12,800.00	6,840.00	12,868.55	6,840.00	187.19	187.91	90.00	1,817.19	-7,610.00	329.69	-41.74	371.44	0.888	Level 1	
12,900.00	6,840.00	12,968.55	6,840.00	189.84	190.54	90.00	1,817.63	-7,710.00	329.69	-47.08	376.77	0.875	Level 1	
13,000.00	6,840.00	13,068.55	6,840.00	192.48	193.18	90.00	1,818.07	-7,810.00	329.69	-52.42	382.11	0.863	Level 1	
13,100.00	6,840.00	13,168.55	6,840.00	195.13	195.82	90.00	1,818.51	-7,910.00	329.69	-57.76	387.45	0.851	Level 1	
13,200.00	6,840.00	13,268.55	6,840.00	197.79	198.46	90.00	1,818.94	-8,009.99	329.69	-63.10	392.80	0.839	Level 1	
13,300.00	6,840.00	13,368.55	6,840.00	200.44	201.10	90.00	1,819.38	-8,109.99	329.69	-68.45	398.14	0.828	Level 1	
13,400.00	6,840.00	13,468.55	6,840.00	203.10	203.74	90.00	1,819.82	-8,209.99	329.69	-73.80	403.49	0.817	Level 1	
13,500.00	6,840.00	13,568.55	6,840.00	205.75	206.39	90.00	1,820.26	-8,309.99	329.69	-79.15	408.85	0.806	Level 1	
13,600.00	6,840.00	13,668.55	6,840.00	208.41	209.04	90.00	1,820.69	-8,409.99	329.69	-84.51	414.20	0.796	Level 1	
13,700.00	6,840.00	13,768.55	6,840.00	211.07	211.69	90.00	1,821.13	-8,509.99	329.69	-89.86	419.56	0.786	Level 1	
13,800.00	6,840.00	13,868.55	6,840.00	213.74	214.34	90.00	1,821.57	-8,609.99	329.69	-95.22	424.91	0.776	Level 1	
13,900.00	6,840.00	13,968.55	6,840.00	216.40	217.00	90.00	1,822.01	-8,709.99	329.69	-100.58	430.27	0.766	Level 1	
14,000.00	6,840.00	14,068.55	6,840.00	219.06	219.65	90.00	1,822.44	-8,809.99	329.69	-105.94	435.64	0.757	Level 1	
14,100.00	6,840.00	14,168.55	6,840.00	221.73	222.31	90.00	1,822.88	-8,909.99	329.69	-111.31	441.00	0.748	Level 1	
14,200.00	6,840.00	14,268.55	6,840.00	224.40	224.97	90.00	1,823.32	-9,009.99	329.69	-116.67	446.37	0.739	Level 1	
14,300.00	6,840.00	14,368.55	6,840.00	227.07	227.63	90.00	1,823.76	-9,109.98	329.69	-122.04	451.74	0.730	Level 1	
14,400.00	6,840.00	14,468.55	6,840.00	229.74	230.29	90.00	1,824.19	-9,209.98	329.69	-127.41	457.10	0.721	Level 1	
14,500.00	6,840.00	14,568.55	6,840.00	232.41	232.96	90.00	1,824.63	-9,309.98	329.69	-132.78	462.48	0.713	Level 1	
14,600.00	6,840.00	14,668.55	6,840.00	235.08	235.62	90.00	1,825.07	-9,409.98	329.69	-138.16	467.85	0.705	Level 1	
14,700.00	6,840.00	14,768.55	6,840.00	237.75	238.29	90.00	1,825.51	-9,509.98	329.69	-143.53	473.22	0.697	Level 1	
14,800.00	6,840.00	14,868.55	6,840.00	240.43	240.95	90.00	1,825.94	-9,609.98	329.69	-148.91	478.60	0.689	Level 1	
14,900.00	6,840.00	14,968.55	6,840.00	243.10	243.62	90.00	1,826.38	-9,709.98	329.69	-154.28	483.98	0.681	Level 1	
15,000.00	6,840.00	15,068.55	6,840.00	245.78	246.29	90.00	1,826.82	-9,809.98	329.69	-159.66	489.36	0.674	Level 1	
15,100.00	6,840.00	15,168.55	6,840.00	248.46	248.96	90.00	1,827.26	-9,909.98	329.69	-165.04	494.73	0.666	Level 1	
15,200.00	6,840.00	15,268.55	6,840.00	251.14	251.63	90.00	1,827.69	-10,009.98	329.69	-170.42	500.12	0.659	Level 1	
15,300.00	6,840.00	15,368.55	6,840.00	253.82	254.31	90.00	1,828.13	-10,109.97	329.69	-175.81	505.50	0.652	Level 1	
15,400.00	6,840.00	15,468.55	6,840.00	256.50	256.98	90.00	1,828.57	-10,209.97	329.69	-181.19	510.88	0.645	Level 1	
15,500.00	6,840.00	15,568.55	6,840.00	259.18	259.65	90.00	1,829.01	-10,309.97	329.69	-186.57	516.27	0.639	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-04 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,668.55	6,840.00	261.86	262.33	90.00	1,829.44	-10,409.97	329.69	-191.96	521.65	0.632	Level 1	
15,700.00	6,840.00	15,768.55	6,840.00	264.54	265.01	90.00	1,829.88	-10,509.97	329.69	-197.35	527.04	0.626	Level 1	
15,800.00	6,840.00	15,868.55	6,840.00	267.23	267.68	90.00	1,830.32	-10,609.97	329.69	-202.74	532.43	0.619	Level 1	
15,900.00	6,840.00	15,968.55	6,840.00	269.91	270.36	90.00	1,830.76	-10,709.97	329.69	-208.12	537.82	0.613	Level 1	
16,000.00	6,840.00	16,068.55	6,840.00	272.59	273.04	90.00	1,831.19	-10,809.97	329.69	-213.51	543.21	0.607	Level 1	
16,100.00	6,840.00	16,168.55	6,840.00	275.28	275.72	90.00	1,831.63	-10,909.97	329.69	-218.91	548.60	0.601	Level 1	
16,200.00	6,840.00	16,268.55	6,840.00	277.97	278.40	90.00	1,832.07	-11,009.97	329.69	-224.30	553.99	0.595	Level 1	
16,300.00	6,840.00	16,368.55	6,840.00	280.65	281.08	90.00	1,832.51	-11,109.97	329.69	-229.69	559.38	0.589	Level 1	
16,400.00	6,840.00	16,468.55	6,840.00	283.34	283.77	90.00	1,832.94	-11,209.96	329.69	-235.09	564.78	0.584	Level 1	
16,500.00	6,840.00	16,568.55	6,840.00	286.03	286.45	90.00	1,833.38	-11,309.96	329.69	-240.48	570.17	0.578	Level 1	
16,600.00	6,840.00	16,668.55	6,840.00	288.72	289.13	90.00	1,833.82	-11,409.96	329.69	-245.88	575.57	0.573	Level 1	
16,700.00	6,840.00	16,768.55	6,840.00	291.41	291.82	90.00	1,834.26	-11,509.96	329.69	-251.27	580.97	0.567	Level 1	
16,800.00	6,840.00	16,868.55	6,840.00	294.10	294.50	90.00	1,834.69	-11,609.96	329.69	-256.67	586.36	0.562	Level 1	
16,900.00	6,840.00	16,968.55	6,840.00	296.79	297.19	90.00	1,835.13	-11,709.96	329.69	-262.07	591.76	0.557	Level 1	
17,000.00	6,840.00	17,068.55	6,840.00	299.48	299.87	90.00	1,835.57	-11,809.96	329.69	-267.47	597.16	0.552	Level 1	
17,100.00	6,840.00	17,168.55	6,840.00	302.17	302.56	90.00	1,836.01	-11,909.96	329.69	-272.87	602.56	0.547	Level 1	
17,200.00	6,840.00	17,268.55	6,840.00	304.86	305.25	90.00	1,836.44	-12,009.96	329.69	-278.27	607.96	0.542	Level 1	
17,300.00	6,840.00	17,368.55	6,840.00	307.56	307.94	90.00	1,836.88	-12,109.96	329.69	-283.67	613.36	0.538	Level 1	
17,400.00	6,840.00	17,468.55	6,840.00	310.25	310.63	90.00	1,837.32	-12,209.95	329.69	-289.07	618.76	0.533	Level 1	
17,500.00	6,840.00	17,568.55	6,840.00	312.94	313.32	90.00	1,837.76	-12,309.95	329.69	-294.47	624.16	0.528	Level 1	
17,600.00	6,840.00	17,668.55	6,840.00	315.64	316.01	90.00	1,838.19	-12,409.95	329.69	-299.87	629.57	0.524	Level 1	
17,700.00	6,840.00	17,768.55	6,840.00	318.33	318.70	90.00	1,838.63	-12,509.95	329.69	-305.28	634.97	0.519	Level 1	
17,800.00	6,840.00	17,868.55	6,840.00	321.03	321.39	90.00	1,839.07	-12,609.95	329.69	-310.68	640.37	0.515	Level 1	
17,900.00	6,840.00	17,968.55	6,840.00	323.72	324.08	90.00	1,839.51	-12,709.95	329.69	-316.09	645.78	0.511	Level 1	
18,000.00	6,840.00	18,068.55	6,840.00	326.42	326.77	90.00	1,839.94	-12,809.95	329.69	-321.49	651.18	0.506	Level 1	
18,100.00	6,840.00	18,168.55	6,840.00	329.11	329.46	90.00	1,840.38	-12,909.95	329.69	-326.90	656.59	0.502	Level 1	
18,200.00	6,840.00	18,268.55	6,840.00	331.81	332.15	90.00	1,840.82	-13,009.95	329.69	-332.30	662.00	0.498	Level 1	
18,300.00	6,840.00	18,368.55	6,840.00	334.51	334.85	90.00	1,841.26	-13,109.95	329.69	-337.71	667.40	0.494	Level 1	
18,400.00	6,840.00	18,468.55	6,840.00	337.20	337.54	90.00	1,841.69	-13,209.94	329.69	-343.12	672.81	0.490	Level 1	
18,500.00	6,840.00	18,568.55	6,840.00	339.90	340.24	90.00	1,842.13	-13,309.94	329.69	-348.53	678.22	0.486	Level 1	
18,600.00	6,840.00	18,668.55	6,840.00	342.60	342.93	90.00	1,842.57	-13,409.94	329.69	-353.94	683.63	0.482	Level 1	
18,700.00	6,840.00	18,768.55	6,840.00	345.30	345.62	90.00	1,843.01	-13,509.94	329.69	-359.34	689.04	0.478	Level 1	
18,800.00	6,840.00	18,868.55	6,840.00	348.00	348.32	90.00	1,843.44	-13,609.94	329.69	-364.75	694.45	0.475	Level 1	
18,900.00	6,840.00	18,968.55	6,840.00	350.70	351.02	90.00	1,843.88	-13,709.94	329.69	-370.16	699.86	0.471	Level 1	
19,000.00	6,840.00	19,068.55	6,840.00	353.39	353.71	90.00	1,844.32	-13,809.94	329.69	-375.57	705.27	0.467	Level 1	
19,100.00	6,840.00	19,168.55	6,840.00	356.09	356.41	90.00	1,844.76	-13,909.94	329.69	-380.99	710.68	0.464	Level 1	
19,200.00	6,840.00	19,268.55	6,840.00	358.79	359.10	90.00	1,845.19	-14,009.94	329.69	-386.40	716.09	0.460	Level 1	
19,300.00	6,840.00	19,368.55	6,840.00	361.49	361.80	90.00	1,845.63	-14,109.94	329.69	-391.81	721.50	0.457	Level 1	
19,400.00	6,840.00	19,468.55	6,840.00	364.20	364.50	90.00	1,846.07	-14,209.94	329.69	-397.22	726.91	0.454	Level 1	
19,500.00	6,840.00	19,568.55	6,840.00	366.90	367.20	90.00	1,846.51	-14,309.93	329.69	-402.63	732.33	0.450	Level 1	
19,600.00	6,840.00	19,668.55	6,840.00	369.60	369.90	90.00	1,846.94	-14,409.93	329.69	-408.05	737.74	0.447	Level 1	
19,700.00	6,840.00	19,768.55	6,840.00	372.30	372.59	90.00	1,847.38	-14,509.93	329.69	-413.46	743.15	0.444	Level 1	
19,800.00	6,840.00	19,868.55	6,840.00	375.00	375.29	90.00	1,847.82	-14,609.93	329.69	-418.87	748.57	0.440	Level 1	
19,900.00	6,840.00	19,968.55	6,840.00	377.70	377.99	90.00	1,848.26	-14,709.93	329.69	-424.29	753.98	0.437	Level 1	
20,000.00	6,840.00	20,068.55	6,840.00	380.40	380.69	90.00	1,848.69	-14,809.93	329.69	-429.70	759.39	0.434	Level 1	
20,100.00	6,840.00	20,168.55	6,840.00	383.11	383.39	90.00	1,849.13	-14,909.93	329.69	-435.12	764.81	0.431	Level 1	
20,200.00	6,840.00	20,268.55	6,840.00	385.81	386.09	90.00	1,849.57	-15,009.93	329.69	-440.53	770.22	0.428	Level 1	
20,300.00	6,840.00	20,368.55	6,840.00	388.51	388.79	90.00	1,850.01	-15,109.93	329.69	-445.95	775.64	0.425	Level 1	
20,400.00	6,840.00	20,468.55	6,840.00	391.22	391.49	90.00	1,850.44	-15,209.93	329.69	-451.36	781.06	0.422	Level 1	
20,500.00	6,840.00	20,568.55	6,840.00	393.92	394.19	90.00	1,850.88	-15,309.92	329.69	-456.78	786.47	0.419	Level 1	
20,539.70	6,840.00	20,608.24	6,840.00	394.99	395.26	90.00	1,851.05	-15,349.62	329.69	-458.93	788.62	0.418	Level 1, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-180.00	-21.86	0.00	21.86					
100.00	100.00	100.00	100.00	0.13	0.13	-180.00	-21.86	0.00	21.86	21.59	0.27	81.302		
200.00	200.00	200.00	200.00	0.49	0.49	-180.00	-21.86	0.00	21.86	20.87	0.99	22.173		
300.00	300.00	300.00	300.00	0.85	0.85	-180.00	-21.86	0.00	21.86	20.16	1.70	12.837		
400.00	400.00	400.00	400.00	1.21	1.21	-180.00	-21.86	0.00	21.86	19.44	2.42	9.034		
500.00	500.00	500.00	500.00	1.57	1.57	-180.00	-21.86	0.00	21.86	18.72	3.14	6.969 CC		
600.00	599.98	599.98	599.98	1.92	1.93	-128.93	-21.86	0.00	22.91	19.06	3.85	5.950		
700.00	699.84	700.41	700.39	2.28	2.28	-134.80	-21.00	-1.54	25.39	20.83	4.56	5.564		
800.00	799.45	800.97	800.80	2.65	2.64	-139.00	-18.42	-6.15	28.33	23.05	5.28	5.368		
900.00	898.70	901.64	901.08	3.02	3.01	-141.85	-14.11	-13.85	31.63	25.62	6.00	5.270		
1,000.00	997.47	1,002.42	1,001.10	3.42	3.38	-143.65	-8.08	-24.63	35.20	28.46	6.74	5.224		
1,100.00	1,095.62	1,103.32	1,100.74	3.84	3.78	-144.64	-0.33	-38.49	39.01	31.52	7.49	5.207		
1,200.00	1,193.06	1,204.33	1,199.86	4.30	4.21	-145.03	9.14	-55.43	43.04	34.76	8.27	5.202		
1,300.00	1,289.64	1,305.44	1,298.34	4.79	4.66	-144.96	20.33	-75.42	47.26	38.17	9.08	5.202		
1,400.00	1,385.27	1,406.66	1,396.04	5.33	5.16	-144.54	33.22	-98.46	51.67	41.73	9.94	5.197		
1,500.00	1,479.82	1,507.98	1,492.85	5.92	5.70	-143.86	47.80	-124.53	56.28	45.42	10.86	5.184		
1,600.00	1,573.17	1,609.39	1,588.64	6.56	6.30	-142.98	64.06	-153.60	61.08	49.24	11.84	5.158		
1,700.00	1,665.22	1,710.90	1,683.27	7.26	6.94	-141.95	81.98	-185.64	66.07	53.17	12.90	5.120		
1,800.00	1,756.74	1,811.16	1,775.82	7.99	7.63	-140.41	100.79	-219.27	70.41	56.31	14.10	4.994		
1,900.00	1,848.26	1,911.05	1,868.01	8.75	8.34	-139.02	119.57	-252.84	74.73	59.38	15.35	4.869		
2,000.00	1,939.78	2,010.94	1,960.19	9.51	9.06	-137.78	138.35	-286.42	79.09	62.45	16.64	4.753		
2,100.00	2,031.30	2,110.83	2,052.38	10.29	9.80	-136.67	157.12	-319.99	83.48	65.52	17.96	4.648		
2,200.00	2,122.82	2,210.72	2,144.57	11.07	10.55	-135.67	175.90	-353.57	87.90	68.59	19.31	4.552		
2,300.00	2,214.34	2,310.61	2,236.75	11.86	11.30	-134.77	194.68	-387.14	92.34	71.66	20.68	4.465		
2,400.00	2,305.85	2,410.50	2,328.94	12.66	12.06	-133.95	213.46	-420.72	96.81	74.74	22.07	4.386		
2,500.00	2,397.37	2,510.39	2,421.13	13.46	12.83	-133.20	232.24	-454.29	101.29	77.81	23.48	4.314		
2,600.00	2,488.89	2,610.28	2,513.31	14.26	13.59	-132.51	251.02	-487.86	105.79	80.89	24.90	4.248		
2,700.00	2,580.41	2,710.17	2,605.50	15.07	14.37	-131.89	269.80	-521.44	110.31	83.97	26.34	4.188		
2,800.00	2,671.93	2,810.07	2,697.69	15.88	15.14	-131.31	288.58	-555.01	114.83	87.05	27.78	4.133		
2,900.00	2,763.45	2,909.96	2,789.87	16.69	15.92	-130.77	307.36	-588.59	119.37	90.13	29.24	4.083		
3,000.00	2,854.97	3,009.85	2,882.06	17.51	16.70	-130.28	326.14	-622.16	123.92	93.22	30.70	4.037		
3,100.00	2,946.49	3,109.74	2,974.24	18.32	17.49	-129.82	344.92	-655.74	128.47	96.30	32.17	3.994		
3,200.00	3,038.00	3,209.63	3,066.43	19.14	18.27	-129.39	363.70	-689.31	133.03	99.39	33.64	3.955		
3,300.00	3,129.52	3,309.52	3,158.62	19.96	19.06	-128.99	382.48	-722.88	137.60	102.48	35.12	3.918		
3,400.00	3,221.04	3,409.41	3,250.80	20.77	19.84	-128.61	401.25	-756.46	142.18	105.58	36.60	3.884		
3,500.00	3,312.56	3,509.30	3,342.99	21.59	20.63	-128.26	420.03	-790.03	146.76	108.67	38.09	3.853		
3,600.00	3,404.08	3,609.19	3,435.18	22.42	21.42	-127.93	438.81	-823.61	151.35	111.76	39.58	3.824		
3,700.00	3,495.60	3,709.09	3,527.36	23.24	22.21	-127.62	457.59	-857.18	155.94	114.86	41.08	3.796		
3,800.00	3,587.12	3,808.98	3,619.55	24.06	23.00	-127.33	476.37	-890.75	160.53	117.96	42.57	3.771		
3,900.00	3,678.63	3,908.87	3,711.74	24.88	23.79	-127.05	495.15	-924.33	165.13	121.06	44.08	3.747		
4,000.00	3,770.15	4,008.76	3,803.92	25.71	24.59	-126.79	513.93	-957.90	169.74	124.16	45.58	3.724		
4,100.00	3,861.67	4,108.65	3,896.11	26.53	25.38	-126.54	532.71	-991.48	174.34	127.26	47.08	3.703		
4,200.00	3,953.19	4,208.54	3,988.30	27.35	26.17	-126.30	551.49	-1,025.05	178.95	130.36	48.59	3.683		
4,300.00	4,044.71	4,308.43	4,080.48	28.18	26.97	-126.08	570.27	-1,058.63	183.56	133.46	50.10	3.664		
4,400.00	4,136.23	4,408.32	4,172.67	29.01	27.76	-125.87	589.05	-1,092.20	188.18	136.57	51.61	3.646		
4,500.00	4,227.75	4,508.21	4,264.85	29.83	28.56	-125.67	607.83	-1,125.77	192.80	139.67	53.12	3.629		
4,600.00	4,319.27	4,608.11	4,357.04	30.66	29.35	-125.47	626.60	-1,159.35	197.42	142.78	54.64	3.613		
4,700.00	4,410.78	4,708.00	4,449.23	31.48	30.15	-125.29	645.38	-1,192.92	202.04	145.89	56.15	3.598		
4,800.00	4,502.30	4,807.89	4,541.41	32.31	30.94	-125.11	664.16	-1,226.50	206.66	149.00	57.67	3.584		
4,900.00	4,593.82	4,907.78	4,633.60	33.14	31.74	-124.95	682.94	-1,260.07	211.29	152.10	59.18	3.570		
5,000.00	4,685.34	5,007.67	4,725.79	33.96	32.54	-124.79	701.72	-1,293.65	215.92	155.21	60.70	3.557		
5,100.00	4,776.86	5,107.56	4,817.97	34.79	33.33	-124.63	720.50	-1,327.22	220.55	158.32	62.22	3.544		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,207.45	4,910.16	35.62	34.13	-124.48	739.28	-1,360.79	225.18	161.43	63.74	3.533		
5,300.00	4,959.90	5,307.34	5,002.35	36.45	34.93	-124.34	758.06	-1,394.37	229.81	164.55	65.26	3.521		
5,400.00	5,051.41	5,407.23	5,094.53	37.27	35.73	-124.21	776.84	-1,427.94	234.44	167.66	66.78	3.510		
5,500.00	5,142.93	5,507.13	5,186.72	38.10	36.52	-124.08	795.62	-1,461.52	239.08	170.77	68.31	3.500		
5,600.00	5,234.45	5,607.02	5,278.91	38.93	37.32	-123.95	814.40	-1,495.09	243.71	173.88	69.83	3.490		
5,700.00	5,325.97	5,706.91	5,371.09	39.76	38.12	-123.83	833.18	-1,528.67	248.35	177.00	71.35	3.481		
5,800.00	5,417.49	5,806.80	5,463.28	40.59	38.92	-123.71	851.96	-1,562.24	252.99	180.11	72.88	3.471		
5,900.00	5,509.01	5,906.69	5,555.47	41.42	39.72	-123.60	870.73	-1,595.81	257.63	183.22	74.40	3.463		
6,000.00	5,600.53	6,006.58	5,647.65	42.25	40.52	-123.49	889.51	-1,629.39	262.27	186.34	75.93	3.454		
6,100.00	5,692.04	6,106.47	5,739.84	43.07	41.31	-123.39	908.29	-1,662.96	266.91	189.46	77.45	3.446		
6,200.00	5,783.56	6,206.36	5,832.02	43.90	42.11	-123.28	927.07	-1,696.54	271.55	192.57	78.98	3.438		
6,300.00	5,875.08	6,306.25	5,924.21	44.73	42.91	-123.19	945.85	-1,730.11	276.19	195.69	80.51	3.431		
6,400.00	5,966.60	6,406.14	6,016.40	45.56	43.71	-123.09	964.63	-1,763.68	280.84	198.80	82.03	3.423		
6,500.00	6,058.12	6,506.04	6,108.58	46.39	44.51	-123.00	983.41	-1,797.26	285.48	201.92	83.56	3.416		
6,600.00	6,149.64	6,605.93	6,200.77	47.22	45.31	-122.91	1,002.19	-1,830.83	290.13	205.04	85.09	3.410		
6,700.00	6,241.16	6,705.82	6,292.96	48.05	46.11	-122.83	1,020.97	-1,864.41	294.77	208.15	86.62	3.403		
6,800.00	6,332.68	6,805.71	6,385.14	48.88	46.91	-122.74	1,039.75	-1,897.98	299.42	211.27	88.15	3.397		
6,900.00	6,424.19	6,905.23	6,476.95	49.71	47.71	-122.65	1,058.45	-1,931.51	304.07	214.39	89.68	3.391		
7,000.00	6,514.88	7,000.62	6,561.27	50.58	48.62	-114.81	1,075.67	-1,972.42	309.32	217.31	92.01	3.362		
7,100.00	6,599.14	7,094.45	6,636.58	51.67	49.77	-105.42	1,091.13	-2,026.03	314.57	219.84	94.73	3.321		
7,200.00	6,673.85	7,187.05	6,701.52	53.01	51.11	-99.42	1,104.54	-2,090.52	319.41	221.81	97.60	3.273		
7,300.00	6,736.73	7,278.64	6,754.90	54.56	52.62	-95.39	1,115.66	-2,163.99	323.62	223.08	100.54	3.219		
7,400.00	6,785.87	7,369.44	6,795.84	56.29	54.26	-92.68	1,124.29	-2,244.47	326.98	223.50	103.48	3.160		
7,500.00	6,819.79	7,459.67	6,823.67	58.13	55.98	-90.98	1,130.29	-2,329.99	329.35	222.96	106.39	3.096		
7,600.00	6,837.44	7,549.56	6,837.98	60.02	57.75	-90.13	1,133.58	-2,418.58	330.60	221.37	109.23	3.027		
7,700.00	6,840.00	7,644.01	6,840.00	61.90	59.61	-90.00	1,134.41	-2,512.96	330.78	218.13	112.65	2.936		
7,800.00	6,840.00	7,744.01	6,840.00	63.83	61.62	-90.00	1,134.86	-2,612.96	330.78	213.87	116.91	2.829		
7,900.00	6,840.00	7,844.01	6,840.00	65.81	63.68	-90.00	1,135.30	-2,712.96	330.77	209.51	121.25	2.728		
8,000.00	6,840.00	7,944.01	6,840.00	67.84	65.78	-90.00	1,135.75	-2,812.96	330.76	205.07	125.69	2.632		
8,100.00	6,840.00	8,044.01	6,840.00	69.91	67.93	-90.00	1,136.19	-2,912.96	330.75	200.55	130.20	2.540		
8,200.00	6,840.00	8,144.01	6,840.00	72.03	70.12	-90.00	1,136.64	-3,012.96	330.74	195.97	134.77	2.454		
8,300.00	6,840.00	8,244.01	6,840.00	74.18	72.34	-90.00	1,137.09	-3,112.96	330.73	191.32	139.41	2.372		
8,400.00	6,840.00	8,344.01	6,840.00	76.37	74.59	-90.00	1,137.53	-3,212.96	330.72	186.62	144.11	2.295		
8,500.00	6,840.00	8,444.01	6,840.00	78.59	76.88	-90.00	1,137.98	-3,312.96	330.72	181.86	148.85	2.222		
8,600.00	6,840.00	8,544.01	6,840.00	80.85	79.19	-90.00	1,138.42	-3,412.96	330.71	177.06	153.65	2.152		
8,700.00	6,840.00	8,644.01	6,840.00	83.13	81.53	-90.00	1,138.87	-3,512.95	330.70	172.22	158.48	2.087		
8,800.00	6,840.00	8,744.01	6,840.00	85.44	83.89	-90.00	1,139.32	-3,612.95	330.69	167.34	163.35	2.024		
8,900.00	6,840.00	8,844.01	6,840.00	87.77	86.27	-90.00	1,139.76	-3,712.95	330.68	162.42	168.26	1.965		
9,000.00	6,840.00	8,944.01	6,840.00	90.12	88.68	-90.00	1,140.21	-3,812.95	330.67	157.47	173.20	1.909		
9,100.00	6,840.00	9,044.01	6,840.00	92.50	91.10	-90.00	1,140.65	-3,912.95	330.66	152.50	178.17	1.856		
9,200.00	6,840.00	9,144.01	6,840.00	94.89	93.54	-90.00	1,141.10	-4,012.95	330.66	147.49	183.16	1.805		
9,300.00	6,840.00	9,244.01	6,840.00	97.30	95.99	-90.00	1,141.55	-4,112.95	330.65	142.47	188.18	1.757		
9,400.00	6,840.00	9,344.01	6,840.00	99.73	98.45	-90.00	1,141.99	-4,212.95	330.64	137.42	193.22	1.711		
9,500.00	6,840.00	9,444.01	6,840.00	102.17	100.93	-90.00	1,142.44	-4,312.95	330.63	132.34	198.29	1.667		
9,600.00	6,840.00	9,544.01	6,840.00	104.63	103.43	-90.00	1,142.88	-4,412.95	330.62	127.25	203.37	1.626		
9,700.00	6,840.00	9,644.01	6,840.00	107.10	105.93	-90.00	1,143.33	-4,512.94	330.61	122.14	208.47	1.586		
9,800.00	6,840.00	9,744.01	6,840.00	109.58	108.44	-90.00	1,143.78	-4,612.94	330.61	117.02	213.59	1.548		
9,900.00	6,840.00	9,844.01	6,840.00	112.07	110.97	-90.00	1,144.22	-4,712.94	330.60	111.88	218.72	1.512		
10,000.00	6,840.00	9,944.01	6,840.00	114.58	113.50	-90.00	1,144.67	-4,812.94	330.59	106.72	223.87	1.477 Level 3		
10,100.00	6,840.00	10,044.01	6,840.00	117.09	116.04	-90.00	1,145.11	-4,912.94	330.58	101.55	229.03	1.443 Level 3		
10,200.00	6,840.00	10,144.01	6,840.00	119.61	118.59	-90.00	1,145.56	-5,012.94	330.57	96.37	234.20	1.411 Level 3		
10,300.00	6,840.00	10,244.01	6,840.00	122.14	121.15	-90.00	1,146.01	-5,112.94	330.56	91.18	239.39	1.381 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,344.01	6,840.00	124.68	123.72	-90.00	1,146.45	-5,212.94	330.55	85.97	244.58	1.351	Level 3	
10,500.00	6,840.00	10,444.01	6,840.00	127.23	126.29	-90.00	1,146.90	-5,312.94	330.55	80.76	249.79	1.323	Level 3	
10,600.00	6,840.00	10,544.01	6,840.00	129.78	128.87	-90.00	1,147.34	-5,412.94	330.54	75.53	255.01	1.296	Level 3	
10,700.00	6,840.00	10,644.01	6,840.00	132.35	131.45	-90.00	1,147.79	-5,512.93	330.53	70.30	260.23	1.270	Level 3	
10,800.00	6,840.00	10,744.01	6,840.00	134.91	134.04	-90.00	1,148.24	-5,612.93	330.52	65.05	265.47	1.245	Level 2	
10,900.00	6,840.00	10,844.01	6,840.00	137.49	136.63	-90.00	1,148.68	-5,712.93	330.51	59.80	270.71	1.221	Level 2	
11,000.00	6,840.00	10,944.01	6,840.00	140.07	139.23	-90.00	1,149.13	-5,812.93	330.50	54.54	275.96	1.198	Level 2	
11,100.00	6,840.00	11,044.01	6,840.00	142.65	141.83	-90.00	1,149.57	-5,912.93	330.49	49.28	281.22	1.175	Level 2	
11,200.00	6,840.00	11,144.01	6,840.00	145.24	144.44	-90.00	1,150.02	-6,012.93	330.49	44.01	286.48	1.154	Level 2	
11,300.00	6,840.00	11,244.01	6,840.00	147.83	147.05	-90.00	1,150.47	-6,112.93	330.48	38.73	291.75	1.133	Level 2	
11,400.00	6,840.00	11,344.01	6,840.00	150.43	149.67	-90.00	1,150.91	-6,212.93	330.47	33.44	297.03	1.113	Level 2	
11,500.00	6,840.00	11,444.01	6,840.00	153.04	152.29	-90.00	1,151.36	-6,312.93	330.46	28.15	302.31	1.093	Level 2	
11,600.00	6,840.00	11,544.01	6,840.00	155.64	154.91	-90.00	1,151.80	-6,412.93	330.45	22.85	307.60	1.074	Level 2	
11,700.00	6,840.00	11,644.01	6,840.00	158.26	157.54	-90.00	1,152.25	-6,512.93	330.44	17.55	312.89	1.056	Level 2	
11,800.00	6,840.00	11,744.01	6,840.00	160.87	160.17	-90.00	1,152.70	-6,612.92	330.44	12.25	318.19	1.038	Level 2	
11,900.00	6,840.00	11,844.01	6,840.00	163.49	162.80	-90.00	1,153.14	-6,712.92	330.43	6.94	323.49	1.021	Level 2	
12,000.00	6,840.00	11,944.01	6,840.00	166.11	165.44	-90.00	1,153.59	-6,812.92	330.42	1.62	328.80	1.005	Level 2	
12,100.00	6,840.00	12,044.01	6,840.00	168.74	168.08	-90.00	1,154.03	-6,912.92	330.41	-3.70	334.11	0.989	Level 1	
12,200.00	6,840.00	12,144.01	6,840.00	171.37	170.72	-90.00	1,154.48	-7,012.92	330.40	-9.02	339.42	0.973	Level 1	
12,300.00	6,840.00	12,244.01	6,840.00	174.00	173.36	-90.00	1,154.93	-7,112.92	330.39	-14.35	344.74	0.958	Level 1	
12,400.00	6,840.00	12,344.01	6,840.00	176.63	176.01	-90.00	1,155.37	-7,212.92	330.38	-19.68	350.07	0.944	Level 1	
12,500.00	6,840.00	12,444.01	6,840.00	179.27	178.65	-90.00	1,155.82	-7,312.92	330.38	-25.02	355.39	0.930	Level 1	
12,600.00	6,840.00	12,544.01	6,840.00	181.91	181.30	-90.00	1,156.26	-7,412.92	330.37	-30.36	360.72	0.916	Level 1	
12,700.00	6,840.00	12,644.01	6,840.00	184.55	183.96	-90.00	1,156.71	-7,512.92	330.36	-35.70	366.06	0.902	Level 1	
12,800.00	6,840.00	12,744.01	6,840.00	187.19	186.61	-90.00	1,157.16	-7,612.91	330.35	-41.04	371.39	0.889	Level 1	
12,900.00	6,840.00	12,844.01	6,840.00	189.84	189.27	-90.00	1,157.60	-7,712.91	330.34	-46.39	376.73	0.877	Level 1	
13,000.00	6,840.00	12,944.01	6,840.00	192.48	191.92	-90.00	1,158.05	-7,812.91	330.33	-51.74	382.07	0.865	Level 1	
13,100.00	6,840.00	13,044.01	6,840.00	195.13	194.58	-90.00	1,158.49	-7,912.91	330.32	-57.09	387.42	0.853	Level 1	
13,200.00	6,840.00	13,144.01	6,840.00	197.79	197.24	-90.00	1,158.94	-8,012.91	330.32	-62.45	392.77	0.841	Level 1	
13,300.00	6,840.00	13,244.01	6,840.00	200.44	199.91	-90.00	1,159.39	-8,112.91	330.31	-67.81	398.12	0.830	Level 1	
13,400.00	6,840.00	13,344.01	6,840.00	203.10	202.57	-90.00	1,159.83	-8,212.91	330.30	-73.17	403.47	0.819	Level 1	
13,500.00	6,840.00	13,444.01	6,840.00	205.75	205.24	-90.00	1,160.28	-8,312.91	330.29	-78.53	408.82	0.808	Level 1	
13,600.00	6,840.00	13,544.01	6,840.00	208.41	207.91	-90.00	1,160.72	-8,412.91	330.28	-83.90	414.18	0.797	Level 1	
13,700.00	6,840.00	13,644.01	6,840.00	211.07	210.57	-90.00	1,161.17	-8,512.91	330.27	-89.26	419.54	0.787	Level 1	
13,800.00	6,840.00	13,744.01	6,840.00	213.74	213.24	-90.00	1,161.62	-8,612.90	330.26	-94.63	424.90	0.777	Level 1	
13,900.00	6,840.00	13,844.01	6,840.00	216.40	215.92	-90.00	1,162.06	-8,712.90	330.26	-100.01	430.26	0.768	Level 1	
14,000.00	6,840.00	13,944.01	6,840.00	219.06	218.59	-90.00	1,162.51	-8,812.90	330.25	-105.38	435.63	0.758	Level 1	
14,100.00	6,840.00	14,044.01	6,840.00	221.73	221.26	-90.00	1,162.95	-8,912.90	330.24	-110.75	440.99	0.749	Level 1	
14,200.00	6,840.00	14,144.01	6,840.00	224.40	223.94	-90.00	1,163.40	-9,012.90	330.23	-116.13	446.36	0.740	Level 1	
14,300.00	6,840.00	14,244.01	6,840.00	227.07	226.61	-90.00	1,163.85	-9,112.90	330.22	-121.51	451.73	0.731	Level 1	
14,400.00	6,840.00	14,344.01	6,840.00	229.74	229.29	-90.00	1,164.29	-9,212.90	330.21	-126.89	457.10	0.722	Level 1	
14,500.00	6,840.00	14,444.01	6,840.00	232.41	231.97	-90.00	1,164.74	-9,312.90	330.21	-132.27	462.48	0.714	Level 1	
14,600.00	6,840.00	14,544.01	6,840.00	235.08	234.65	-90.00	1,165.18	-9,412.90	330.20	-137.66	467.85	0.706	Level 1	
14,700.00	6,840.00	14,644.01	6,840.00	237.75	237.33	-90.00	1,165.63	-9,512.90	330.19	-143.04	473.23	0.698	Level 1	
14,800.00	6,840.00	14,744.01	6,840.00	240.43	240.01	-90.00	1,166.08	-9,612.89	330.18	-148.43	478.61	0.690	Level 1	
14,900.00	6,840.00	14,844.01	6,840.00	243.10	242.69	-90.00	1,166.52	-9,712.89	330.17	-153.81	483.99	0.682	Level 1	
15,000.00	6,840.00	14,944.01	6,840.00	245.78	245.37	-90.00	1,166.97	-9,812.89	330.16	-159.20	489.37	0.675	Level 1	
15,100.00	6,840.00	15,044.01	6,840.00	248.46	248.05	-90.00	1,167.41	-9,912.89	330.15	-164.59	494.75	0.667	Level 1	
15,200.00	6,840.00	15,144.01	6,840.00	251.14	250.74	-90.00	1,167.86	-10,012.89	330.15	-169.98	500.13	0.660	Level 1	
15,300.00	6,840.00	15,244.01	6,840.00	253.82	253.42	-90.00	1,168.31	-10,112.89	330.14	-175.38	505.51	0.653	Level 1	
15,400.00	6,840.00	15,344.01	6,840.00	256.50	256.11	-90.00	1,168.75	-10,212.89	330.13	-180.77	510.90	0.646	Level 1	
15,500.00	6,840.00	15,444.01	6,840.00	259.18	258.80	-90.00	1,169.20	-10,312.89	330.12	-186.17	516.29	0.639	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-06 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,544.01	6,840.00	261.86	261.48	-90.00	1,169.64	-10,412.89	330.11	-191.56	521.67	0.633	Level 1	
15,700.00	6,840.00	15,644.01	6,840.00	264.54	264.17	-90.00	1,170.09	-10,512.89	330.10	-196.96	527.06	0.626	Level 1	
15,800.00	6,840.00	15,744.01	6,840.00	267.23	266.86	-90.00	1,170.54	-10,612.88	330.09	-202.36	532.45	0.620	Level 1	
15,900.00	6,840.00	15,844.01	6,840.00	269.91	269.55	-90.00	1,170.98	-10,712.88	330.09	-207.76	537.84	0.614	Level 1	
16,000.00	6,840.00	15,944.01	6,840.00	272.59	272.24	-90.00	1,171.43	-10,812.88	330.08	-213.16	543.24	0.608	Level 1	
16,100.00	6,840.00	16,044.01	6,840.00	275.28	274.93	-90.00	1,171.87	-10,912.88	330.07	-218.56	548.63	0.602	Level 1	
16,200.00	6,840.00	16,144.01	6,840.00	277.97	277.62	-90.00	1,172.32	-11,012.88	330.06	-223.96	554.02	0.596	Level 1	
16,300.00	6,840.00	16,244.01	6,840.00	280.65	280.31	-90.00	1,172.77	-11,112.88	330.05	-229.36	559.42	0.590	Level 1	
16,400.00	6,840.00	16,344.01	6,840.00	283.34	283.00	-90.00	1,173.21	-11,212.88	330.04	-234.77	564.81	0.584	Level 1	
16,500.00	6,840.00	16,444.01	6,840.00	286.03	285.69	-90.00	1,173.66	-11,312.88	330.04	-240.17	570.21	0.579	Level 1	
16,600.00	6,840.00	16,544.01	6,840.00	288.72	288.39	-90.00	1,174.10	-11,412.88	330.03	-245.58	575.60	0.573	Level 1	
16,700.00	6,840.00	16,644.01	6,840.00	291.41	291.08	-90.00	1,174.55	-11,512.88	330.02	-250.98	581.00	0.568	Level 1	
16,800.00	6,840.00	16,744.01	6,840.00	294.10	293.78	-90.00	1,175.00	-11,612.87	330.01	-256.39	586.40	0.563	Level 1	
16,900.00	6,840.00	16,844.01	6,840.00	296.79	296.47	-90.00	1,175.44	-11,712.87	330.00	-261.80	591.80	0.558	Level 1	
17,000.00	6,840.00	16,944.01	6,840.00	299.48	299.16	-90.00	1,175.89	-11,812.87	329.99	-267.21	597.20	0.553	Level 1	
17,100.00	6,840.00	17,044.01	6,840.00	302.17	301.86	-90.00	1,176.33	-11,912.87	329.98	-272.62	602.60	0.548	Level 1	
17,200.00	6,840.00	17,144.01	6,840.00	304.86	304.56	-90.00	1,176.78	-12,012.87	329.98	-278.03	608.00	0.543	Level 1	
17,300.00	6,840.00	17,244.01	6,840.00	307.56	307.25	-90.00	1,177.23	-12,112.87	329.97	-283.44	613.41	0.538	Level 1	
17,400.00	6,840.00	17,344.01	6,840.00	310.25	309.95	-90.00	1,177.67	-12,212.87	329.96	-288.85	618.81	0.533	Level 1	
17,500.00	6,840.00	17,444.01	6,840.00	312.94	312.65	-90.00	1,178.12	-12,312.87	329.95	-294.26	624.21	0.529	Level 1	
17,600.00	6,840.00	17,544.01	6,840.00	315.64	315.34	-90.00	1,178.56	-12,412.87	329.94	-299.67	629.62	0.524	Level 1	
17,700.00	6,840.00	17,644.01	6,840.00	318.33	318.04	-90.00	1,179.01	-12,512.87	329.93	-305.09	635.02	0.520	Level 1	
17,800.00	6,840.00	17,744.01	6,840.00	321.03	320.74	-90.00	1,179.46	-12,612.86	329.92	-310.50	640.43	0.515	Level 1	
17,900.00	6,840.00	17,844.01	6,840.00	323.72	323.44	-90.00	1,179.90	-12,712.86	329.92	-315.91	645.83	0.511	Level 1	
18,000.00	6,840.00	17,944.01	6,840.00	326.42	326.14	-90.00	1,180.35	-12,812.86	329.91	-321.33	651.24	0.507	Level 1	
18,100.00	6,840.00	18,044.01	6,840.00	329.11	328.84	-90.00	1,180.80	-12,912.86	329.90	-326.75	656.64	0.502	Level 1	
18,200.00	6,840.00	18,144.01	6,840.00	331.81	331.54	-90.00	1,181.24	-13,012.86	329.89	-332.16	662.05	0.498	Level 1	
18,300.00	6,840.00	18,244.01	6,840.00	334.51	334.24	-90.00	1,181.69	-13,112.86	329.88	-337.58	667.46	0.494	Level 1	
18,400.00	6,840.00	18,344.01	6,840.00	337.20	336.94	-90.00	1,182.13	-13,212.86	329.87	-342.99	672.87	0.490	Level 1	
18,500.00	6,840.00	18,444.01	6,840.00	339.90	339.64	-90.00	1,182.58	-13,312.86	329.87	-348.41	678.28	0.486	Level 1	
18,600.00	6,840.00	18,544.01	6,840.00	342.60	342.34	-90.00	1,183.03	-13,412.86	329.86	-353.83	683.69	0.482	Level 1	
18,700.00	6,840.00	18,644.01	6,840.00	345.30	345.04	-90.00	1,183.47	-13,512.86	329.85	-359.25	689.10	0.479	Level 1	
18,800.00	6,840.00	18,744.01	6,840.00	348.00	347.74	-90.00	1,183.92	-13,612.85	329.84	-364.67	694.51	0.475	Level 1	
18,900.00	6,840.00	18,844.01	6,840.00	350.70	350.44	-90.00	1,184.36	-13,712.85	329.83	-370.09	699.92	0.471	Level 1	
19,000.00	6,840.00	18,944.01	6,840.00	353.39	353.14	-90.00	1,184.81	-13,812.85	329.82	-375.51	705.33	0.468	Level 1	
19,100.00	6,840.00	19,044.01	6,840.00	356.09	355.85	-90.00	1,185.26	-13,912.85	329.81	-380.93	710.74	0.464	Level 1	
19,200.00	6,840.00	19,144.01	6,840.00	358.79	358.55	-90.00	1,185.70	-14,012.85	329.81	-386.35	716.15	0.461	Level 1	
19,300.00	6,840.00	19,244.01	6,840.00	361.49	361.25	-90.00	1,186.15	-14,112.85	329.80	-391.77	721.57	0.457	Level 1	
19,400.00	6,840.00	19,344.01	6,840.00	364.20	363.96	-90.00	1,186.59	-14,212.85	329.79	-397.19	726.98	0.454	Level 1	
19,500.00	6,840.00	19,444.01	6,840.00	366.90	366.66	-90.00	1,187.04	-14,312.85	329.78	-402.61	732.39	0.450	Level 1	
19,600.00	6,840.00	19,544.01	6,840.00	369.60	369.36	-90.00	1,187.49	-14,412.85	329.77	-408.03	737.81	0.447	Level 1	
19,700.00	6,840.00	19,644.01	6,840.00	372.30	372.07	-90.00	1,187.93	-14,512.85	329.76	-413.46	743.22	0.444	Level 1	
19,800.00	6,840.00	19,744.01	6,840.00	375.00	374.77	-90.00	1,188.38	-14,612.84	329.75	-418.88	748.63	0.440	Level 1	
19,900.00	6,840.00	19,844.01	6,840.00	377.70	377.48	-90.00	1,188.82	-14,712.84	329.75	-424.30	754.05	0.437	Level 1	
20,000.00	6,840.00	19,944.01	6,840.00	380.40	380.18	-90.00	1,189.27	-14,812.84	329.74	-429.73	759.46	0.434	Level 1	
20,100.00	6,840.00	20,044.01	6,840.00	383.11	382.88	-90.00	1,189.72	-14,912.84	329.73	-435.15	764.88	0.431	Level 1	
20,200.00	6,840.00	20,144.01	6,840.00	385.81	385.59	-90.00	1,190.16	-15,012.84	329.72	-440.58	770.30	0.428	Level 1	
20,300.00	6,840.00	20,244.01	6,840.00	388.51	388.29	-90.00	1,190.61	-15,112.84	329.71	-446.00	775.71	0.425	Level 1	
20,400.00	6,840.00	20,344.01	6,840.00	391.22	391.00	-90.00	1,191.05	-15,212.84	329.70	-451.43	781.13	0.422	Level 1	
20,500.00	6,840.00	20,444.01	6,840.00	393.92	393.71	-90.00	1,191.50	-15,312.84	329.70	-456.85	786.55	0.419	Level 1	
20,539.70	6,840.00	20,483.70	6,840.00	394.99	394.78	-90.00	1,191.68	-15,352.53	329.69	-459.00	788.70	0.418	Level 1, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-180.00	-44.45	0.00	44.45					
100.00	100.00	101.00	99.00	0.13	0.14	-180.00	-44.45	0.00	44.45	44.17	0.27	163.138		
200.00	200.00	201.00	199.00	0.49	0.50	-180.00	-44.45	0.00	44.45	43.46	0.99	44.922		
300.00	300.00	301.00	299.00	0.85	0.85	-180.00	-44.45	0.00	44.45	42.74	1.71	26.047		
400.00	400.00	401.00	399.00	1.21	1.21	-180.00	-44.45	0.00	44.45	42.02	2.42	18.341		
500.00	500.00	501.00	499.00	1.57	1.57	-180.00	-44.45	0.00	44.45	41.30	3.14	14.154 CC		
600.00	599.98	601.02	598.98	1.92	1.93	-127.17	-44.45	0.00	45.48	41.62	3.85	11.799		
700.00	699.84	698.84	698.84	2.28	2.28	-132.01	-44.45	0.00	48.82	44.26	4.56	10.700		
800.00	799.45	799.53	799.51	2.65	2.64	-137.27	-43.79	-1.60	54.06	48.78	5.28	10.238		
900.00	898.70	900.46	900.29	3.02	2.99	-140.99	-41.79	-6.49	60.22	54.22	6.00	10.035		
1,000.00	997.47	1,001.60	1,001.05	3.42	3.36	-143.48	-38.43	-14.68	67.11	60.38	6.73	9.965		
1,100.00	1,095.62	1,102.96	1,101.63	3.84	3.74	-145.00	-33.72	-26.18	74.59	67.11	7.48	9.967		
1,200.00	1,193.06	1,204.52	1,201.92	4.30	4.14	-145.78	-27.65	-41.01	82.59	74.33	8.26	10.003		
1,300.00	1,289.64	1,306.27	1,301.75	4.79	4.56	-145.99	-20.23	-59.15	91.06	82.01	9.06	10.054		
1,400.00	1,385.27	1,408.19	1,401.00	5.33	5.01	-145.78	-11.44	-80.59	100.00	90.10	9.90	10.098		
1,500.00	1,479.82	1,510.29	1,499.53	5.92	5.51	-145.24	-1.31	-105.34	109.38	98.58	10.80	10.130		
1,600.00	1,573.17	1,612.55	1,597.19	6.56	6.05	-144.46	10.17	-133.37	119.22	107.46	11.76	10.135		
1,700.00	1,665.22	1,714.96	1,693.86	7.26	6.65	-143.51	22.98	-164.65	129.51	116.70	12.81	10.113		
1,800.00	1,756.74	1,816.74	1,788.72	7.99	7.29	-142.04	36.96	-198.78	138.68	124.73	13.95	9.939		
1,900.00	1,848.26	1,916.29	1,881.16	8.75	7.96	-140.49	50.96	-232.98	147.34	132.16	15.18	9.706		
2,000.00	1,939.78	2,015.84	1,973.59	9.51	8.64	-139.12	64.97	-267.18	156.10	139.65	16.45	9.489		
2,100.00	2,031.30	2,115.39	2,066.03	10.29	9.34	-137.89	78.97	-301.39	164.93	147.18	17.76	9.289		
2,200.00	2,122.82	2,214.94	2,158.46	11.07	10.05	-136.79	92.98	-335.59	173.83	154.74	19.09	9.105		
2,300.00	2,214.34	2,314.49	2,250.90	11.86	10.77	-135.79	106.98	-369.79	182.79	162.34	20.45	8.937		
2,400.00	2,305.85	2,414.04	2,343.33	12.66	11.50	-134.89	120.99	-403.99	191.80	169.97	21.83	8.784		
2,500.00	2,397.37	2,513.59	2,435.77	13.46	12.23	-134.07	135.00	-438.19	200.86	177.62	23.23	8.645		
2,600.00	2,488.89	2,613.14	2,528.20	14.26	12.97	-133.32	149.00	-472.40	209.95	185.30	24.65	8.518		
2,700.00	2,580.41	2,712.69	2,620.64	15.07	13.71	-132.63	163.01	-506.60	219.07	193.00	26.07	8.402		
2,800.00	2,671.93	2,812.24	2,713.07	15.88	14.46	-132.00	177.01	-540.80	228.22	200.71	27.51	8.295		
2,900.00	2,763.45	2,911.79	2,805.51	16.69	15.21	-131.41	191.02	-575.00	237.40	208.44	28.96	8.198		
3,000.00	2,854.97	3,011.34	2,897.94	17.51	15.96	-130.87	205.03	-609.20	246.60	216.18	30.41	8.108		
3,100.00	2,946.49	3,110.89	2,990.38	18.32	16.71	-130.37	219.03	-643.41	255.82	223.94	31.88	8.025		
3,200.00	3,038.00	3,210.44	3,082.81	19.14	17.47	-129.91	233.04	-677.61	265.06	231.71	33.34	7.949		
3,300.00	3,129.52	3,309.99	3,175.25	19.96	18.23	-129.47	247.04	-711.81	274.31	239.49	34.82	7.878		
3,400.00	3,221.04	3,409.54	3,267.68	20.77	18.99	-129.06	261.05	-746.01	283.58	247.28	36.30	7.813		
3,500.00	3,312.56	3,509.09	3,360.12	21.59	19.75	-128.68	275.05	-780.21	292.86	255.08	37.78	7.752		
3,600.00	3,404.08	3,608.64	3,452.55	22.42	20.51	-128.33	289.06	-814.42	302.16	262.89	39.27	7.695		
3,700.00	3,495.60	3,708.19	3,544.99	23.24	21.28	-127.99	303.07	-848.62	311.46	270.71	40.76	7.642		
3,800.00	3,587.12	3,807.74	3,637.42	24.06	22.04	-127.67	317.07	-882.82	320.78	278.53	42.25	7.593		
3,900.00	3,678.63	3,907.29	3,729.86	24.88	22.81	-127.37	331.08	-917.02	330.10	286.36	43.74	7.546		
4,000.00	3,770.15	4,006.84	3,822.29	25.71	23.57	-127.09	345.08	-951.23	339.43	294.19	45.24	7.503		
4,100.00	3,861.67	4,106.39	3,914.73	26.53	24.34	-126.83	359.09	-985.43	348.78	302.03	46.74	7.462		
4,200.00	3,953.19	4,205.94	4,007.16	27.35	25.11	-126.57	373.10	-1,019.63	358.12	309.88	48.25	7.423		
4,300.00	4,044.71	4,305.49	4,099.60	28.18	25.88	-126.33	387.10	-1,053.83	367.48	317.73	49.75	7.387		
4,400.00	4,136.23	4,405.04	4,192.03	29.01	26.64	-126.10	401.11	-1,088.03	376.84	325.58	51.26	7.352		
4,500.00	4,227.75	4,504.59	4,284.47	29.83	27.41	-125.89	415.11	-1,122.24	386.20	333.44	52.76	7.320		
4,600.00	4,319.27	4,604.14	4,376.91	30.66	28.18	-125.68	429.12	-1,156.44	395.58	341.30	54.27	7.289		
4,700.00	4,410.78	4,703.69	4,469.34	31.48	28.95	-125.48	443.12	-1,190.64	404.95	349.17	55.78	7.260		
4,800.00	4,502.30	4,803.24	4,561.78	32.31	29.72	-125.29	457.13	-1,224.84	414.33	357.04	57.29	7.232		
4,900.00	4,593.82	4,902.79	4,654.21	33.14	30.49	-125.11	471.14	-1,259.04	423.72	364.91	58.81	7.205		
5,000.00	4,685.34	5,002.34	4,746.65	33.96	31.27	-124.94	485.14	-1,293.25	433.11	372.79	60.32	7.180		
5,100.00	4,776.86	5,101.89	4,839.08	34.79	32.04	-124.77	499.15	-1,327.45	442.50	380.67	61.83	7.156		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,201.44	4,931.52	35.62	32.81	-124.62	513.15	-1,361.65	451.90	388.55	63.35	7.134		
5,300.00	4,959.90	5,300.99	5,023.95	36.45	33.58	-124.46	527.16	-1,395.85	461.29	396.43	64.86	7.112		
5,400.00	5,051.41	5,400.54	5,116.39	37.27	34.35	-124.32	541.16	-1,430.05	470.70	404.32	66.38	7.091		
5,500.00	5,142.93	5,500.09	5,208.82	38.10	35.13	-124.18	555.17	-1,464.26	480.10	412.21	67.90	7.071		
5,600.00	5,234.45	5,600.36	5,301.26	38.93	35.90	-124.04	569.18	-1,498.46	489.51	420.09	69.42	7.051		
5,700.00	5,325.97	5,700.81	5,393.69	39.76	36.68	-123.92	583.18	-1,532.66	498.92	427.98	70.95	7.032		
5,800.00	5,417.49	5,801.26	5,486.13	40.59	37.46	-123.79	597.19	-1,566.86	508.33	435.86	72.47	7.014		
5,900.00	5,509.01	5,901.71	5,578.56	41.42	38.24	-123.67	611.19	-1,601.06	517.75	443.75	74.00	6.997		
6,000.00	5,600.53	5,997.84	5,671.00	42.25	38.99	-123.55	625.20	-1,635.27	527.17	451.67	75.49	6.983		
6,100.00	5,692.04	6,102.61	5,763.43	43.07	39.81	-123.44	639.21	-1,669.47	536.59	459.54	77.05	6.964		
6,200.00	5,783.56	6,203.06	5,855.87	43.90	40.59	-123.33	653.21	-1,703.67	546.01	467.43	78.58	6.948		
6,300.00	5,875.08	6,296.49	5,948.30	44.73	41.31	-123.23	667.22	-1,737.87	555.43	475.38	80.06	6.938		
6,400.00	5,966.60	6,403.96	6,040.74	45.56	42.15	-123.13	681.22	-1,772.07	564.86	483.22	81.64	6.919		
6,500.00	6,058.12	6,504.41	6,133.17	46.39	42.93	-123.03	695.23	-1,806.28	574.29	491.12	83.17	6.905		
6,600.00	6,149.64	6,604.86	6,225.61	47.22	43.71	-122.94	709.23	-1,840.48	583.71	499.02	84.70	6.892		
6,700.00	6,241.16	6,705.31	6,318.04	48.05	44.49	-122.85	723.24	-1,874.68	593.14	506.92	86.23	6.879		
6,800.00	6,332.68	6,794.24	6,410.48	48.88	45.18	-122.76	737.25	-1,908.88	602.58	514.91	87.67	6.873		
6,900.00	6,424.19	6,891.79	6,500.67	49.71	45.97	-122.57	750.92	-1,943.40	612.07	522.84	89.23	6.859		
7,000.00	6,514.88	6,984.18	6,581.05	50.58	46.90	-114.83	763.16	-1,987.05	622.18	530.83	91.34	6.811		
7,100.00	6,599.14	7,074.52	6,651.95	51.67	48.05	-105.47	774.03	-2,041.83	631.92	538.11	93.81	6.736		
7,200.00	6,673.85	7,163.36	6,712.52	53.01	49.38	-99.50	783.40	-2,106.02	640.73	544.20	96.53	6.638		
7,300.00	6,736.73	7,251.00	6,761.95	54.56	50.87	-95.47	791.13	-2,177.87	648.25	548.81	99.44	6.519		
7,400.00	6,785.87	7,337.73	6,799.64	56.29	52.49	-92.76	797.13	-2,255.66	654.21	551.69	102.51	6.382		
7,500.00	6,819.79	7,423.82	6,825.15	58.13	54.19	-91.06	801.33	-2,337.69	658.35	552.69	105.66	6.231		
7,600.00	6,837.44	7,509.52	6,838.19	60.02	55.93	-90.21	803.67	-2,422.28	660.53	551.70	108.82	6.070		
7,700.00	6,840.00	7,601.78	6,840.00	61.90	57.80	-90.09	804.36	-2,514.49	660.84	548.39	112.45	5.877		
7,800.00	6,840.00	7,701.78	6,840.00	63.83	59.88	-90.09	804.81	-2,614.49	660.82	544.11	116.71	5.662		
7,900.00	6,840.00	7,801.78	6,840.00	65.81	62.00	-90.09	805.27	-2,714.49	660.81	539.74	121.07	5.458		
8,000.00	6,840.00	7,901.78	6,840.00	67.84	64.17	-90.09	805.72	-2,814.49	660.79	535.28	125.51	5.265		
8,100.00	6,840.00	8,001.78	6,840.00	69.91	66.38	-90.09	806.18	-2,914.49	660.77	530.74	130.03	5.082		
8,200.00	6,840.00	8,101.78	6,840.00	72.03	68.63	-90.09	806.63	-3,014.49	660.76	526.14	134.62	4.908		
8,300.00	6,840.00	8,201.78	6,840.00	74.18	70.91	-90.09	807.08	-3,114.49	660.74	521.47	139.27	4.744		
8,400.00	6,840.00	8,301.78	6,840.00	76.37	73.22	-90.09	807.54	-3,214.49	660.72	516.75	143.97	4.589		
8,500.00	6,840.00	8,401.78	6,840.00	78.59	75.55	-90.09	807.99	-3,314.48	660.70	511.98	148.72	4.442		
8,600.00	6,840.00	8,501.78	6,840.00	80.85	77.91	-90.09	808.45	-3,414.48	660.69	507.16	153.52	4.303		
8,700.00	6,840.00	8,601.78	6,840.00	83.13	80.30	-90.09	808.90	-3,514.48	660.67	502.30	158.37	4.172		
8,800.00	6,840.00	8,701.78	6,840.00	85.44	82.70	-90.09	809.36	-3,614.48	660.65	497.41	163.24	4.047		
8,900.00	6,840.00	8,801.78	6,840.00	87.77	85.12	-90.09	809.81	-3,714.48	660.64	492.48	168.16	3.929		
9,000.00	6,840.00	8,901.78	6,840.00	90.12	87.56	-90.09	810.27	-3,814.48	660.62	487.52	173.10	3.816		
9,100.00	6,840.00	9,001.78	6,840.00	92.50	90.02	-90.09	810.72	-3,914.48	660.60	482.53	178.08	3.710		
9,200.00	6,840.00	9,101.78	6,840.00	94.89	92.49	-90.09	811.18	-4,014.48	660.59	477.51	183.07	3.608		
9,300.00	6,840.00	9,201.78	6,840.00	97.30	94.98	-90.09	811.63	-4,114.48	660.57	472.47	188.10	3.512		
9,400.00	6,840.00	9,301.78	6,840.00	99.73	97.48	-90.09	812.08	-4,214.48	660.55	467.41	193.15	3.420		
9,500.00	6,840.00	9,401.78	6,840.00	102.17	99.99	-90.09	812.54	-4,314.47	660.53	462.32	198.21	3.332		
9,600.00	6,840.00	9,501.78	6,840.00	104.63	102.51	-90.09	812.99	-4,414.47	660.52	457.22	203.30	3.249		
9,700.00	6,840.00	9,601.78	6,840.00	107.10	105.04	-90.09	813.45	-4,514.47	660.50	452.09	208.41	3.169		
9,800.00	6,840.00	9,701.78	6,840.00	109.58	107.58	-90.09	813.90	-4,614.47	660.48	446.96	213.53	3.093		
9,900.00	6,840.00	9,801.78	6,840.00	112.07	110.13	-90.09	814.36	-4,714.47	660.47	441.80	218.66	3.020		
10,000.00	6,840.00	9,901.78	6,840.00	114.58	112.68	-90.09	814.81	-4,814.47	660.45	436.64	223.81	2.951		
10,100.00	6,840.00	10,001.78	6,840.00	117.09	115.25	-90.09	815.27	-4,914.47	660.43	431.45	228.98	2.884		
10,200.00	6,840.00	10,101.78	6,840.00	119.61	117.82	-90.09	815.72	-5,014.47	660.42	426.26	234.15	2.820		
10,300.00	6,840.00	10,201.78	6,840.00	122.14	120.40	-90.09	816.18	-5,114.47	660.40	421.05	239.34	2.759		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,301.78	6,840.00	124.68	122.98	-90.09	816.63	-5,214.47	660.38	415.84	244.54	2.700		
10,500.00	6,840.00	10,401.78	6,840.00	127.23	125.57	-90.09	817.08	-5,314.46	660.36	410.61	249.75	2.644		
10,600.00	6,840.00	10,501.78	6,840.00	129.78	128.17	-90.09	817.54	-5,414.46	660.35	405.38	254.97	2.590		
10,700.00	6,840.00	10,601.78	6,840.00	132.35	130.77	-90.09	817.99	-5,514.46	660.33	400.13	260.20	2.538		
10,800.00	6,840.00	10,701.78	6,840.00	134.91	133.37	-90.09	818.45	-5,614.46	660.31	394.88	265.44	2.488		
10,900.00	6,840.00	10,801.78	6,840.00	137.49	135.98	-90.09	818.90	-5,714.46	660.30	389.62	270.68	2.439		
11,000.00	6,840.00	10,901.78	6,840.00	140.07	138.60	-90.09	819.36	-5,814.46	660.28	384.35	275.93	2.393		
11,100.00	6,840.00	11,001.78	6,840.00	142.65	141.21	-90.09	819.81	-5,914.46	660.26	379.07	281.19	2.348		
11,200.00	6,840.00	11,101.78	6,840.00	145.24	143.84	-90.09	820.27	-6,014.46	660.24	373.79	286.46	2.305		
11,300.00	6,840.00	11,201.78	6,840.00	147.83	146.46	-90.09	820.72	-6,114.46	660.23	368.50	291.73	2.263		
11,400.00	6,840.00	11,301.78	6,840.00	150.43	149.09	-90.09	821.17	-6,214.45	660.21	363.20	297.01	2.223		
11,500.00	6,840.00	11,401.78	6,840.00	153.04	151.72	-90.09	821.63	-6,314.45	660.19	357.90	302.29	2.184		
11,600.00	6,840.00	11,501.78	6,840.00	155.64	154.36	-90.09	822.08	-6,414.45	660.18	352.59	307.58	2.146		
11,700.00	6,840.00	11,601.78	6,840.00	158.26	157.00	-90.09	822.54	-6,514.45	660.16	347.28	312.88	2.110		
11,800.00	6,840.00	11,701.78	6,840.00	160.87	159.64	-90.09	822.99	-6,614.45	660.14	341.97	318.18	2.075		
11,900.00	6,840.00	11,801.78	6,840.00	163.49	162.28	-90.09	823.45	-6,714.45	660.13	336.64	323.48	2.041		
12,000.00	6,840.00	11,901.78	6,840.00	166.11	164.93	-90.09	823.90	-6,814.45	660.11	331.32	328.79	2.008		
12,100.00	6,840.00	12,001.78	6,840.00	168.74	167.57	-90.09	824.36	-6,914.45	660.09	325.99	334.10	1.976		
12,200.00	6,840.00	12,101.78	6,840.00	171.37	170.23	-90.09	824.81	-7,014.45	660.07	320.65	339.42	1.945		
12,300.00	6,840.00	12,201.78	6,840.00	174.00	172.88	-90.09	825.27	-7,114.45	660.06	315.32	344.74	1.915		
12,400.00	6,840.00	12,301.78	6,840.00	176.63	175.53	-90.09	825.72	-7,214.44	660.04	309.98	350.07	1.885		
12,500.00	6,840.00	12,401.78	6,840.00	179.27	178.19	-90.09	826.17	-7,314.44	660.02	304.63	355.39	1.857		
12,600.00	6,840.00	12,501.78	6,840.00	181.91	180.85	-90.09	826.63	-7,414.44	660.01	299.28	360.72	1.830		
12,700.00	6,840.00	12,601.78	6,840.00	184.55	183.51	-90.09	827.08	-7,514.44	659.99	293.93	366.06	1.803		
12,800.00	6,840.00	12,701.78	6,840.00	187.19	186.17	-90.09	827.54	-7,614.44	659.97	288.58	371.40	1.777		
12,900.00	6,840.00	12,801.78	6,840.00	189.84	188.84	-90.09	827.99	-7,714.44	659.96	283.22	376.74	1.752		
13,000.00	6,840.00	12,901.78	6,840.00	192.48	191.50	-90.09	828.45	-7,814.44	659.94	277.86	382.08	1.727		
13,100.00	6,840.00	13,001.78	6,840.00	195.13	194.17	-90.09	828.90	-7,914.44	659.92	272.50	387.43	1.703		
13,200.00	6,840.00	13,101.78	6,840.00	197.79	196.84	-90.09	829.36	-8,014.44	659.90	267.13	392.77	1.680		
13,300.00	6,840.00	13,201.78	6,840.00	200.44	199.51	-90.09	829.81	-8,114.44	659.89	261.76	398.13	1.657		
13,400.00	6,840.00	13,301.78	6,840.00	203.10	202.18	-90.09	830.27	-8,214.43	659.87	256.39	403.48	1.635		
13,500.00	6,840.00	13,401.78	6,840.00	205.75	204.85	-90.09	830.72	-8,314.43	659.85	251.02	408.83	1.614		
13,600.00	6,840.00	13,501.78	6,840.00	208.41	207.53	-90.09	831.17	-8,414.43	659.84	245.64	414.19	1.593		
13,700.00	6,840.00	13,601.78	6,840.00	211.07	210.20	-90.09	831.63	-8,514.43	659.82	240.27	419.55	1.573		
13,800.00	6,840.00	13,701.78	6,840.00	213.74	212.88	-90.09	832.08	-8,614.43	659.80	234.89	424.91	1.553		
13,900.00	6,840.00	13,801.78	6,840.00	216.40	215.55	-90.09	832.54	-8,714.43	659.79	229.51	430.28	1.533		
14,000.00	6,840.00	13,901.78	6,840.00	219.06	218.23	-90.09	832.99	-8,814.43	659.77	224.12	435.64	1.514		
14,100.00	6,840.00	14,001.78	6,840.00	221.73	220.91	-90.09	833.45	-8,914.43	659.75	218.74	441.01	1.496 Level 3		
14,200.00	6,840.00	14,101.78	6,840.00	224.40	223.59	-90.09	833.90	-9,014.43	659.73	213.35	446.38	1.478 Level 3		
14,300.00	6,840.00	14,201.78	6,840.00	227.07	226.27	-90.09	834.36	-9,114.42	659.72	207.97	451.75	1.460 Level 3		
14,400.00	6,840.00	14,301.78	6,840.00	229.74	228.95	-90.09	834.81	-9,214.42	659.70	202.58	457.12	1.443 Level 3		
14,500.00	6,840.00	14,401.78	6,840.00	232.41	231.64	-90.09	835.27	-9,314.42	659.68	197.19	462.50	1.426 Level 3		
14,600.00	6,840.00	14,501.78	6,840.00	235.08	234.32	-90.09	835.72	-9,414.42	659.67	191.79	467.87	1.410 Level 3		
14,700.00	6,840.00	14,601.78	6,840.00	237.75	237.01	-90.09	836.17	-9,514.42	659.65	186.40	473.25	1.394 Level 3		
14,800.00	6,840.00	14,701.78	6,840.00	240.43	239.69	-90.09	836.63	-9,614.42	659.63	181.00	478.63	1.378 Level 3		
14,900.00	6,840.00	14,801.78	6,840.00	243.10	242.38	-90.09	837.08	-9,714.42	659.62	175.61	484.01	1.363 Level 3		
15,000.00	6,840.00	14,901.78	6,840.00	245.78	245.07	-90.09	837.54	-9,814.42	659.60	170.21	489.39	1.348 Level 3		
15,100.00	6,840.00	15,001.78	6,840.00	248.46	247.75	-90.09	837.99	-9,914.42	659.58	164.81	494.77	1.333 Level 3		
15,200.00	6,840.00	15,101.78	6,840.00	251.14	250.44	-90.09	838.45	-10,014.42	659.56	159.41	500.16	1.319 Level 3		
15,300.00	6,840.00	15,201.78	6,840.00	253.82	253.13	-90.09	838.90	-10,114.41	659.55	154.01	505.54	1.305 Level 3		
15,400.00	6,840.00	15,301.78	6,840.00	256.50	255.82	-90.09	839.36	-10,214.41	659.53	148.60	510.93	1.291 Level 3		
15,500.00	6,840.00	15,401.78	6,840.00	259.18	258.51	-90.09	839.81	-10,314.41	659.51	143.20	516.31	1.277 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-07 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,501.78	6,840.00	261.86	261.20	-90.09	840.26	-10,414.41	659.50	137.79	521.70	1.264	Level 3	
15,700.00	6,840.00	15,601.78	6,840.00	264.54	263.89	-90.09	840.72	-10,514.41	659.48	132.39	527.09	1.251	Level 3	
15,800.00	6,840.00	15,701.78	6,840.00	267.23	266.59	-90.09	841.17	-10,614.41	659.46	126.98	532.48	1.238	Level 2	
15,900.00	6,840.00	15,801.78	6,840.00	269.91	269.28	-90.09	841.63	-10,714.41	659.45	121.57	537.87	1.226	Level 2	
16,000.00	6,840.00	15,901.78	6,840.00	272.59	271.97	-90.09	842.08	-10,814.41	659.43	116.16	543.27	1.214	Level 2	
16,100.00	6,840.00	16,001.78	6,840.00	275.28	274.67	-90.09	842.54	-10,914.41	659.41	110.75	548.66	1.202	Level 2	
16,200.00	6,840.00	16,101.78	6,840.00	277.97	277.36	-90.09	842.99	-11,014.41	659.39	105.34	554.05	1.190	Level 2	
16,300.00	6,840.00	16,201.78	6,840.00	280.65	280.06	-90.09	843.45	-11,114.40	659.38	99.93	559.45	1.179	Level 2	
16,400.00	6,840.00	16,301.78	6,840.00	283.34	282.75	-90.09	843.90	-11,214.40	659.36	94.51	564.85	1.167	Level 2	
16,500.00	6,840.00	16,401.78	6,840.00	286.03	285.45	-90.09	844.36	-11,314.40	659.34	89.10	570.24	1.156	Level 2	
16,600.00	6,840.00	16,501.78	6,840.00	288.72	288.14	-90.09	844.81	-11,414.40	659.33	83.69	575.64	1.145	Level 2	
16,700.00	6,840.00	16,601.78	6,840.00	291.41	290.84	-90.09	845.26	-11,514.40	659.31	78.27	581.04	1.135	Level 2	
16,800.00	6,840.00	16,701.78	6,840.00	294.10	293.54	-90.09	845.72	-11,614.40	659.29	72.86	586.44	1.124	Level 2	
16,900.00	6,840.00	16,801.78	6,840.00	296.79	296.23	-90.09	846.17	-11,714.40	659.27	67.44	591.84	1.114	Level 2	
17,000.00	6,840.00	16,901.78	6,840.00	299.48	298.93	-90.09	846.63	-11,814.40	659.26	62.02	597.24	1.104	Level 2	
17,100.00	6,840.00	17,001.78	6,840.00	302.17	301.63	-90.09	847.08	-11,914.40	659.24	56.60	602.64	1.094	Level 2	
17,200.00	6,840.00	17,101.78	6,840.00	304.86	304.33	-90.09	847.54	-12,014.40	659.22	51.18	608.04	1.084	Level 2	
17,300.00	6,840.00	17,201.78	6,840.00	307.56	307.03	-90.09	847.99	-12,114.39	659.21	45.76	613.44	1.075	Level 2	
17,400.00	6,840.00	17,301.78	6,840.00	310.25	309.73	-90.09	848.45	-12,214.39	659.19	40.34	618.85	1.065	Level 2	
17,500.00	6,840.00	17,401.78	6,840.00	312.94	312.43	-90.09	848.90	-12,314.39	659.17	34.92	624.25	1.056	Level 2	
17,600.00	6,840.00	17,501.78	6,840.00	315.64	315.13	-90.09	849.36	-12,414.39	659.16	29.50	629.65	1.047	Level 2	
17,700.00	6,840.00	17,601.78	6,840.00	318.33	317.83	-90.09	849.81	-12,514.39	659.14	24.08	635.06	1.038	Level 2	
17,800.00	6,840.00	17,701.78	6,840.00	321.03	320.53	-90.09	850.26	-12,614.39	659.12	18.66	640.47	1.029	Level 2	
17,900.00	6,840.00	17,801.78	6,840.00	323.72	323.23	-90.09	850.72	-12,714.39	659.10	13.23	645.87	1.020	Level 2	
18,000.00	6,840.00	17,901.78	6,840.00	326.42	325.93	-90.09	851.17	-12,814.39	659.09	7.81	651.28	1.012	Level 2	
18,100.00	6,840.00	18,001.78	6,840.00	329.11	328.63	-90.09	851.63	-12,914.39	659.07	2.38	656.69	1.004	Level 2	
18,200.00	6,840.00	18,101.78	6,840.00	331.81	331.34	-90.09	852.08	-13,014.38	659.05	-3.04	662.09	0.995	Level 1	
18,300.00	6,840.00	18,201.78	6,840.00	334.51	334.04	-90.09	852.54	-13,114.38	659.04	-8.47	667.50	0.987	Level 1	
18,400.00	6,840.00	18,301.78	6,840.00	337.20	336.74	-90.09	852.99	-13,214.38	659.02	-13.89	672.91	0.979	Level 1	
18,500.00	6,840.00	18,401.78	6,840.00	339.90	339.44	-90.09	853.45	-13,314.38	659.00	-19.32	678.32	0.972	Level 1	
18,600.00	6,840.00	18,501.78	6,840.00	342.60	342.15	-90.09	853.90	-13,414.38	658.99	-24.74	683.73	0.964	Level 1	
18,700.00	6,840.00	18,601.78	6,840.00	345.30	344.85	-90.09	854.36	-13,514.38	658.97	-30.17	689.14	0.956	Level 1	
18,800.00	6,840.00	18,701.78	6,840.00	348.00	347.55	-90.09	854.81	-13,614.38	658.95	-35.60	694.55	0.949	Level 1	
18,900.00	6,840.00	18,801.78	6,840.00	350.70	350.26	-90.09	855.26	-13,714.38	658.93	-41.03	699.96	0.941	Level 1	
19,000.00	6,840.00	18,901.78	6,840.00	353.39	352.96	-90.09	855.72	-13,814.38	658.92	-46.46	705.37	0.934	Level 1	
19,100.00	6,840.00	19,001.78	6,840.00	356.09	355.67	-90.09	856.17	-13,914.38	658.90	-51.89	710.79	0.927	Level 1	
19,200.00	6,840.00	19,101.78	6,840.00	358.79	358.37	-90.09	856.63	-14,014.37	658.88	-57.32	716.20	0.920	Level 1	
19,300.00	6,840.00	19,201.78	6,840.00	361.49	361.08	-90.09	857.08	-14,114.37	658.87	-62.75	721.61	0.913	Level 1	
19,400.00	6,840.00	19,301.78	6,840.00	364.20	363.78	-90.09	857.54	-14,214.37	658.85	-68.18	727.03	0.906	Level 1	
19,500.00	6,840.00	19,401.78	6,840.00	366.90	366.49	-90.09	857.99	-14,314.37	658.83	-73.61	732.44	0.900	Level 1	
19,600.00	6,840.00	19,501.78	6,840.00	369.60	369.19	-90.09	858.45	-14,414.37	658.82	-79.04	737.85	0.893	Level 1	
19,700.00	6,840.00	19,601.78	6,840.00	372.30	371.90	-90.09	858.90	-14,514.37	658.80	-84.47	743.27	0.886	Level 1	
19,800.00	6,840.00	19,701.78	6,840.00	375.00	374.60	-90.09	859.35	-14,614.37	658.78	-89.90	748.68	0.880	Level 1	
19,900.00	6,840.00	19,801.78	6,840.00	377.70	377.31	-90.09	859.81	-14,714.37	658.76	-95.33	754.10	0.874	Level 1	
20,000.00	6,840.00	19,901.78	6,840.00	380.40	380.02	-90.09	860.26	-14,814.37	658.75	-100.77	759.51	0.867	Level 1	
20,100.00	6,840.00	20,001.78	6,840.00	383.11	382.72	-90.09	860.72	-14,914.37	658.73	-106.20	764.93	0.861	Level 1	
20,200.00	6,840.00	20,101.78	6,840.00	385.81	385.43	-90.09	861.17	-15,014.36	658.71	-111.63	770.35	0.855	Level 1	
20,300.00	6,840.00	20,201.78	6,840.00	388.51	388.14	-90.09	861.63	-15,114.36	658.70	-117.07	775.76	0.849	Level 1	
20,400.00	6,840.00	20,301.78	6,840.00	391.22	390.84	-90.09	862.08	-15,214.36	658.68	-122.50	781.18	0.843	Level 1	
20,500.00	6,840.00	20,401.78	6,840.00	393.92	393.55	-90.09	862.54	-15,314.36	658.66	-127.93	786.60	0.837	Level 1	
20,539.70	6,840.00	20,441.48	6,840.00	394.99	394.63	-90.09	862.72	-15,354.06	658.66	-130.09	788.75	0.835	Level 1, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	1.00	-1.00	0.00	0.00	-179.76	-67.40	-0.28	67.40					
100.00	100.00	101.00	99.00	0.13	0.14	-179.76	-67.40	-0.28	67.40	67.13	0.27	247.399		
200.00	200.00	201.00	199.00	0.49	0.50	-179.76	-67.40	-0.28	67.40	66.41	0.99	68.124		
300.00	300.00	301.00	299.00	0.85	0.85	-179.76	-67.40	-0.28	67.40	65.69	1.71	39.501		
400.00	400.00	401.00	399.00	1.21	1.21	-179.76	-67.40	-0.28	67.40	64.98	2.42	27.814		
500.00	500.00	501.00	499.00	1.57	1.57	-179.76	-67.40	-0.28	67.40	64.26	3.14	21.464	CC, ES	
600.00	599.98	601.02	598.98	1.92	1.93	-126.33	-67.40	-0.28	68.42	64.57	3.85	17.751		
700.00	699.84	701.16	698.84	2.28	2.29	-129.65	-67.40	-0.28	71.65	67.08	4.57	15.675		
800.00	799.45	798.45	798.45	2.65	2.64	-134.52	-67.40	-0.28	77.51	72.22	5.28	14.670		
900.00	898.70	899.14	899.12	3.02	2.99	-139.24	-66.97	-1.94	85.69	79.68	6.01	14.264		
1,000.00	997.47	1,000.16	999.99	3.42	3.35	-142.58	-65.64	-7.04	95.26	88.52	6.74	14.143		
1,100.00	1,095.62	1,101.45	1,100.90	3.84	3.71	-144.77	-63.40	-15.61	105.95	98.47	7.48	14.169		
1,200.00	1,193.06	1,203.01	1,201.68	4.30	4.09	-146.08	-60.26	-27.66	117.61	109.37	8.24	14.272		
1,300.00	1,289.64	1,304.81	1,302.20	4.79	4.48	-146.70	-56.21	-43.21	130.13	121.10	9.03	14.409		
1,400.00	1,385.27	1,406.82	1,402.29	5.33	4.90	-146.79	-51.25	-62.24	143.46	133.60	9.86	14.554		
1,500.00	1,479.82	1,509.02	1,501.80	5.92	5.35	-146.49	-45.38	-84.75	157.57	146.84	10.73	14.684		
1,600.00	1,573.17	1,611.39	1,600.58	6.56	5.85	-145.88	-38.61	-110.73	172.46	160.79	11.67	14.782		
1,700.00	1,665.22	1,713.91	1,698.49	7.26	6.39	-145.06	-30.94	-140.15	188.12	175.44	12.68	14.841		
1,800.00	1,756.74	1,816.76	1,795.55	7.99	6.98	-143.88	-22.36	-173.05	202.88	189.11	13.77	14.733		
1,900.00	1,848.26	1,917.57	1,889.63	8.75	7.61	-142.20	-13.23	-208.08	216.06	201.10	14.96	14.439		
2,000.00	1,939.78	2,016.52	1,981.85	9.51	8.25	-140.66	-4.18	-242.81	229.22	213.01	16.21	14.141		
2,100.00	2,031.30	2,115.48	2,074.07	10.29	8.91	-139.29	4.88	-277.53	242.51	225.02	17.50	13.862		
2,200.00	2,122.82	2,214.43	2,166.29	11.07	9.59	-138.06	13.93	-312.25	255.93	237.12	18.81	13.604		
2,300.00	2,214.34	2,313.38	2,258.51	11.86	10.28	-136.96	22.98	-346.97	269.46	249.30	20.16	13.367		
2,400.00	2,305.85	2,412.34	2,350.73	12.66	10.98	-135.96	32.03	-381.69	283.07	261.55	21.53	13.150		
2,500.00	2,397.37	2,511.29	2,442.94	13.46	11.68	-135.05	41.08	-416.41	296.76	273.85	22.91	12.952		
2,600.00	2,488.89	2,610.24	2,535.16	14.26	12.40	-134.22	50.13	-451.13	310.52	286.20	24.32	12.770		
2,700.00	2,580.41	2,709.20	2,627.38	15.07	13.11	-133.47	59.18	-485.85	324.34	298.60	25.73	12.604		
2,800.00	2,671.93	2,808.15	2,719.60	15.88	13.84	-132.77	68.24	-520.57	338.20	311.04	27.16	12.452		
2,900.00	2,763.45	2,907.10	2,811.82	16.69	14.56	-132.13	77.29	-555.29	352.12	323.52	28.60	12.312		
3,000.00	2,854.97	3,006.06	2,904.04	17.51	15.29	-131.54	86.34	-590.01	366.07	336.02	30.05	12.184		
3,100.00	2,946.49	3,105.01	2,996.26	18.32	16.02	-130.99	95.39	-624.73	380.06	348.56	31.50	12.065		
3,200.00	3,038.00	3,203.97	3,088.48	19.14	16.76	-130.48	104.44	-659.45	394.07	361.11	32.96	11.956		
3,300.00	3,129.52	3,302.92	3,180.70	19.96	17.50	-130.01	113.49	-694.17	408.12	373.70	34.43	11.855		
3,400.00	3,221.04	3,401.87	3,272.92	20.77	18.23	-129.56	122.54	-728.89	422.20	386.30	35.90	11.761		
3,500.00	3,312.56	3,500.83	3,365.14	21.59	18.98	-129.15	131.60	-763.61	436.29	398.92	37.37	11.674		
3,600.00	3,404.08	3,600.22	3,457.36	22.42	19.72	-128.76	140.65	-798.33	450.41	411.55	38.86	11.592		
3,700.00	3,495.60	3,701.27	3,549.58	23.24	20.48	-128.40	149.70	-833.05	464.55	424.19	40.35	11.512		
3,800.00	3,587.12	3,802.31	3,641.80	24.06	21.24	-128.05	158.75	-867.77	478.70	436.85	41.85	11.437		
3,900.00	3,678.63	3,903.36	3,734.01	24.88	22.00	-127.73	167.80	-902.49	492.87	449.51	43.36	11.367		
4,000.00	3,770.15	4,004.40	3,826.23	25.71	22.76	-127.42	176.85	-937.21	507.05	462.19	44.86	11.302		
4,100.00	3,861.67	4,094.55	3,918.45	26.53	23.44	-127.14	185.90	-971.93	521.25	474.96	46.29	11.260		
4,200.00	3,953.19	4,206.50	4,010.67	27.35	24.29	-126.86	194.96	-1,006.65	535.46	487.58	47.88	11.182		
4,300.00	4,044.71	4,307.54	4,102.89	28.18	25.05	-126.60	204.01	-1,041.37	549.68	500.29	49.40	11.128		
4,400.00	4,136.23	4,408.59	4,195.11	29.01	25.82	-126.36	213.06	-1,076.10	563.92	513.00	50.91	11.076		
4,500.00	4,227.75	4,490.36	4,287.33	29.83	26.44	-126.12	222.11	-1,110.82	578.16	525.87	52.28	11.058		
4,600.00	4,319.27	4,589.32	4,379.55	30.66	27.19	-125.90	231.16	-1,145.54	592.41	538.62	53.79	11.014		
4,700.00	4,410.78	4,688.27	4,471.77	31.48	27.94	-125.69	240.21	-1,180.26	606.67	551.38	55.29	10.973		
4,800.00	4,502.30	4,787.23	4,563.99	32.31	28.69	-125.48	249.26	-1,214.98	620.93	564.14	56.79	10.933		
4,900.00	4,593.82	4,886.18	4,656.21	33.14	29.45	-125.29	258.32	-1,249.70	635.21	576.91	58.30	10.896		
5,000.00	4,685.34	4,985.13	4,748.43	33.96	30.20	-125.11	267.37	-1,284.42	649.49	589.68	59.80	10.860		
5,100.00	4,776.86	5,084.09	4,840.65	34.79	30.95	-124.93	276.42	-1,319.14	663.78	602.46	61.31	10.826		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,183.04	4,932.87	35.62	31.70	-124.76	285.47	-1,353.86	678.07	615.25	62.82	10.794		
5,300.00	4,959.90	5,281.99	5,025.09	36.45	32.46	-124.60	294.52	-1,388.58	692.37	628.04	64.33	10.763		
5,400.00	5,051.41	5,380.95	5,117.30	37.27	33.21	-124.44	303.57	-1,423.30	706.67	640.83	65.84	10.734		
5,500.00	5,142.93	5,479.90	5,209.52	38.10	33.96	-124.29	312.62	-1,458.02	720.98	653.63	67.35	10.706		
5,600.00	5,234.45	5,578.86	5,301.74	38.93	34.72	-124.15	321.68	-1,492.74	735.29	666.44	68.86	10.679		
5,700.00	5,325.97	5,677.81	5,393.96	39.76	35.47	-124.01	330.73	-1,527.46	749.61	679.24	70.37	10.653		
5,800.00	5,417.49	5,776.76	5,486.18	40.59	36.23	-123.87	339.78	-1,562.18	763.93	692.05	71.88	10.628		
5,900.00	5,509.01	5,875.72	5,578.40	41.42	36.98	-123.75	348.83	-1,596.90	778.26	704.87	73.39	10.604		
6,000.00	5,600.53	5,974.67	5,670.62	42.25	37.74	-123.62	357.88	-1,631.62	792.59	717.68	74.90	10.581		
6,100.00	5,692.04	6,073.62	5,762.84	43.07	38.49	-123.50	366.93	-1,666.34	806.92	730.50	76.42	10.559		
6,200.00	5,783.56	6,172.58	5,855.06	43.90	39.25	-123.39	375.98	-1,701.06	821.26	743.33	77.93	10.538		
6,300.00	5,875.08	6,271.53	5,947.28	44.73	40.00	-123.28	385.04	-1,735.78	835.60	756.15	79.45	10.518		
6,400.00	5,966.60	6,370.48	6,039.50	45.56	40.76	-123.17	394.09	-1,770.50	849.94	768.98	80.96	10.498		
6,500.00	6,058.12	6,469.44	6,131.72	46.39	41.52	-123.06	403.14	-1,805.22	864.29	781.81	82.47	10.479		
6,600.00	6,149.64	6,568.39	6,223.94	47.22	42.27	-122.96	412.19	-1,839.94	878.64	794.65	83.99	10.461		
6,700.00	6,241.16	6,667.35	6,316.16	48.05	43.03	-122.87	421.24	-1,874.66	892.99	807.48	85.50	10.444		
6,800.00	6,332.68	6,766.30	6,408.38	48.88	43.78	-122.77	430.29	-1,909.39	907.34	820.32	87.02	10.427		
6,900.00	6,424.19	6,863.51	6,498.66	49.71	44.55	-122.63	439.16	-1,944.28	921.73	833.17	88.55	10.409		
7,000.00	6,514.88	6,955.49	6,579.21	50.58	45.46	-115.02	447.12	-1,987.76	936.42	845.98	90.44	10.354		
7,100.00	6,599.14	7,045.58	6,650.40	51.67	46.59	-105.62	454.24	-2,042.36	950.28	857.54	92.74	10.246		
7,200.00	6,673.85	7,134.32	6,711.35	53.01	47.93	-99.59	460.41	-2,106.43	962.68	867.27	95.41	10.090		
7,300.00	6,736.73	7,222.01	6,761.19	54.56	49.44	-95.52	465.54	-2,178.30	973.17	874.79	98.39	9.891		
7,400.00	6,785.87	7,308.93	6,799.26	56.29	51.08	-92.78	469.56	-2,256.23	981.41	879.81	101.60	9.659		
7,500.00	6,819.79	7,395.30	6,825.05	58.13	52.81	-91.05	472.42	-2,338.54	987.12	882.12	105.00	9.402		
7,600.00	6,837.44	7,481.34	6,838.21	60.02	54.60	-90.19	474.07	-2,423.47	990.10	881.64	108.47	9.128		
7,700.00	6,840.00	7,573.89	6,840.00	61.90	56.53	-90.06	474.66	-2,515.96	990.54	878.26	112.28	8.822		
7,800.00	6,840.00	7,673.89	6,840.00	63.83	58.66	-90.06	475.12	-2,615.96	990.52	873.97	116.56	8.498		
7,900.00	6,840.00	7,773.89	6,840.00	65.81	60.83	-90.06	475.57	-2,715.96	990.51	869.59	120.92	8.191		
8,000.00	6,840.00	7,873.89	6,840.00	67.84	63.05	-90.06	476.02	-2,815.96	990.49	865.12	125.37	7.900		
8,100.00	6,840.00	7,973.89	6,840.00	69.91	65.30	-90.06	476.47	-2,915.96	990.48	860.58	129.90	7.625		
8,200.00	6,840.00	8,073.89	6,840.00	72.03	67.59	-90.06	476.92	-3,015.96	990.47	855.97	134.49	7.364		
8,300.00	6,840.00	8,173.89	6,840.00	74.18	69.91	-90.06	477.37	-3,115.96	990.45	851.31	139.15	7.118		
8,400.00	6,840.00	8,273.89	6,840.00	76.37	72.25	-90.06	477.83	-3,215.96	990.44	846.58	143.86	6.885		
8,500.00	6,840.00	8,373.89	6,840.00	78.59	74.62	-90.06	478.28	-3,315.96	990.42	841.81	148.62	6.664		
8,600.00	6,840.00	8,473.89	6,840.00	80.85	77.02	-90.06	478.73	-3,415.95	990.41	836.99	153.42	6.455		
8,700.00	6,840.00	8,573.89	6,840.00	83.13	79.43	-90.06	479.18	-3,515.95	990.40	832.13	158.27	6.258		
8,800.00	6,840.00	8,673.89	6,840.00	85.44	81.87	-90.06	479.63	-3,615.95	990.38	827.23	163.15	6.070		
8,900.00	6,840.00	8,773.89	6,840.00	87.77	84.32	-90.06	480.08	-3,715.95	990.37	822.30	168.07	5.893		
9,000.00	6,840.00	8,873.89	6,840.00	90.12	86.79	-90.06	480.54	-3,815.95	990.35	817.34	173.02	5.724		
9,100.00	6,840.00	8,973.89	6,840.00	92.50	89.27	-90.06	480.99	-3,915.95	990.34	812.34	177.99	5.564		
9,200.00	6,840.00	9,073.89	6,840.00	94.89	91.77	-90.06	481.44	-4,015.95	990.32	807.33	183.00	5.412		
9,300.00	6,840.00	9,173.89	6,840.00	97.30	94.28	-90.06	481.89	-4,115.95	990.31	802.28	188.03	5.267		
9,400.00	6,840.00	9,273.89	6,840.00	99.73	96.80	-90.06	482.34	-4,215.95	990.30	797.22	193.08	5.129		
9,500.00	6,840.00	9,373.89	6,840.00	102.17	99.33	-90.06	482.79	-4,315.95	990.28	792.13	198.15	4.998		
9,600.00	6,840.00	9,473.89	6,840.00	104.63	101.87	-90.06	483.25	-4,415.94	990.27	787.03	203.24	4.872		
9,700.00	6,840.00	9,573.89	6,840.00	107.10	104.42	-90.06	483.70	-4,515.94	990.25	781.91	208.34	4.753		
9,800.00	6,840.00	9,673.89	6,840.00	109.58	106.98	-90.06	484.15	-4,615.94	990.24	776.77	213.47	4.639		
9,900.00	6,840.00	9,773.89	6,840.00	112.07	109.54	-90.06	484.60	-4,715.94	990.22	771.62	218.61	4.530		
10,000.00	6,840.00	9,873.89	6,840.00	114.58	112.12	-90.06	485.05	-4,815.94	990.21	766.45	223.76	4.425		
10,100.00	6,840.00	9,973.89	6,840.00	117.09	114.70	-90.06	485.51	-4,915.94	990.20	761.27	228.93	4.325		
10,200.00	6,840.00	10,073.89	6,840.00	119.61	117.28	-90.06	485.96	-5,015.94	990.18	756.07	234.11	4.230		
10,300.00	6,840.00	10,173.89	6,840.00	122.14	119.87	-90.06	486.41	-5,115.94	990.17	750.87	239.30	4.138		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,273.89	6,840.00	124.68	122.47	-90.06	486.86	-5,215.94	990.15	745.65	244.50	4.050		
10,500.00	6,840.00	10,373.89	6,840.00	127.23	125.07	-90.06	487.31	-5,315.94	990.14	740.43	249.71	3.965		
10,600.00	6,840.00	10,473.89	6,840.00	129.78	127.68	-90.06	487.76	-5,415.93	990.12	735.19	254.93	3.884		
10,700.00	6,840.00	10,573.89	6,840.00	132.35	130.29	-90.06	488.22	-5,515.93	990.11	729.95	260.16	3.806		
10,800.00	6,840.00	10,673.89	6,840.00	134.91	132.91	-90.06	488.67	-5,615.93	990.10	724.70	265.40	3.731		
10,900.00	6,840.00	10,773.89	6,840.00	137.49	135.53	-90.06	489.12	-5,715.93	990.08	719.44	270.65	3.658		
11,000.00	6,840.00	10,873.89	6,840.00	140.07	138.16	-90.06	489.57	-5,815.93	990.07	714.17	275.90	3.588		
11,100.00	6,840.00	10,973.89	6,840.00	142.65	140.78	-90.06	490.02	-5,915.93	990.05	708.89	281.16	3.521		
11,200.00	6,840.00	11,073.89	6,840.00	145.24	143.42	-90.06	490.47	-6,015.93	990.04	703.61	286.43	3.456		
11,300.00	6,840.00	11,173.89	6,840.00	147.83	146.05	-90.06	490.93	-6,115.93	990.03	698.32	291.70	3.394		
11,400.00	6,840.00	11,273.89	6,840.00	150.43	148.69	-90.06	491.38	-6,215.93	990.01	693.03	296.98	3.334		
11,500.00	6,840.00	11,373.89	6,840.00	153.04	151.33	-90.06	491.83	-6,315.93	990.00	687.73	302.27	3.275		
11,600.00	6,840.00	11,473.89	6,840.00	155.64	153.97	-90.06	492.28	-6,415.92	989.98	682.42	307.56	3.219		
11,700.00	6,840.00	11,573.89	6,840.00	158.26	156.62	-90.06	492.73	-6,515.92	989.97	677.11	312.86	3.164		
11,800.00	6,840.00	11,673.89	6,840.00	160.87	159.27	-90.06	493.18	-6,615.92	989.95	671.80	318.16	3.112		
11,900.00	6,840.00	11,773.89	6,840.00	163.49	161.92	-90.06	493.64	-6,715.92	989.94	666.48	323.46	3.060		
12,000.00	6,840.00	11,873.89	6,840.00	166.11	164.57	-90.06	494.09	-6,815.92	989.93	661.15	328.77	3.011		
12,100.00	6,840.00	11,973.89	6,840.00	168.74	167.23	-90.06	494.54	-6,915.92	989.91	655.82	334.09	2.963		
12,200.00	6,840.00	12,073.89	6,840.00	171.37	169.89	-90.06	494.99	-7,015.92	989.90	650.49	339.40	2.917		
12,300.00	6,840.00	12,173.89	6,840.00	174.00	172.55	-90.06	495.44	-7,115.92	989.88	645.16	344.73	2.872		
12,400.00	6,840.00	12,273.89	6,840.00	176.63	175.21	-90.06	495.90	-7,215.92	989.87	639.82	350.05	2.828		
12,500.00	6,840.00	12,373.89	6,840.00	179.27	177.87	-90.06	496.35	-7,315.92	989.85	634.47	355.38	2.785		
12,600.00	6,840.00	12,473.89	6,840.00	181.91	180.54	-90.06	496.80	-7,415.91	989.84	629.13	360.71	2.744		
12,700.00	6,840.00	12,573.89	6,840.00	184.55	183.20	-90.06	497.25	-7,515.91	989.83	623.78	366.05	2.704		
12,800.00	6,840.00	12,673.89	6,840.00	187.19	185.87	-90.06	497.70	-7,615.91	989.81	618.42	371.39	2.665		
12,900.00	6,840.00	12,773.89	6,840.00	189.84	188.54	-90.06	498.15	-7,715.91	989.80	613.07	376.73	2.627		
13,000.00	6,840.00	12,873.89	6,840.00	192.48	191.21	-90.06	498.61	-7,815.91	989.78	607.71	382.07	2.591		
13,100.00	6,840.00	12,973.89	6,840.00	195.13	193.88	-90.06	499.06	-7,915.91	989.77	602.35	387.42	2.555		
13,200.00	6,840.00	13,073.89	6,840.00	197.79	196.56	-90.06	499.51	-8,015.91	989.76	596.99	392.77	2.520		
13,300.00	6,840.00	13,173.89	6,840.00	200.44	199.23	-90.06	499.96	-8,115.91	989.74	591.62	398.12	2.486		
13,400.00	6,840.00	13,273.89	6,840.00	203.10	201.91	-90.06	500.41	-8,215.91	989.73	586.25	403.47	2.453		
13,500.00	6,840.00	13,373.89	6,840.00	205.75	204.58	-90.06	500.86	-8,315.90	989.71	580.88	408.83	2.421		
13,600.00	6,840.00	13,473.89	6,840.00	208.41	207.26	-90.06	501.32	-8,415.90	989.70	575.51	414.19	2.389		
13,700.00	6,840.00	13,573.89	6,840.00	211.07	209.94	-90.06	501.77	-8,515.90	989.68	570.13	419.55	2.359		
13,800.00	6,840.00	13,673.89	6,840.00	213.74	212.62	-90.06	502.22	-8,615.90	989.67	564.76	424.91	2.329		
13,900.00	6,840.00	13,773.89	6,840.00	216.40	215.30	-90.06	502.67	-8,715.90	989.66	559.38	430.28	2.300		
14,000.00	6,840.00	13,873.89	6,840.00	219.06	217.99	-90.06	503.12	-8,815.90	989.64	554.00	435.64	2.272		
14,100.00	6,840.00	13,973.89	6,840.00	221.73	220.67	-90.06	503.57	-8,915.90	989.63	548.62	441.01	2.244		
14,200.00	6,840.00	14,073.89	6,840.00	224.40	223.35	-90.06	504.03	-9,015.90	989.61	543.23	446.38	2.217		
14,300.00	6,840.00	14,173.89	6,840.00	227.07	226.04	-90.06	504.48	-9,115.90	989.60	537.85	451.75	2.191		
14,400.00	6,840.00	14,273.89	6,840.00	229.74	228.72	-90.06	504.93	-9,215.90	989.58	532.46	457.13	2.165		
14,500.00	6,840.00	14,373.89	6,840.00	232.41	231.41	-90.06	505.38	-9,315.89	989.57	527.07	462.50	2.140		
14,600.00	6,840.00	14,473.89	6,840.00	235.08	234.10	-90.06	505.83	-9,415.89	989.56	521.68	467.88	2.115		
14,700.00	6,840.00	14,573.89	6,840.00	237.75	236.79	-90.06	506.28	-9,515.89	989.54	516.29	473.26	2.091		
14,800.00	6,840.00	14,673.89	6,840.00	240.43	239.48	-90.06	506.74	-9,615.89	989.53	510.89	478.63	2.067		
14,900.00	6,840.00	14,773.89	6,840.00	243.10	242.17	-90.06	507.19	-9,715.89	989.51	505.50	484.01	2.044		
15,000.00	6,840.00	14,873.89	6,840.00	245.78	244.86	-90.06	507.64	-9,815.89	989.50	500.10	489.40	2.022		
15,100.00	6,840.00	14,973.89	6,840.00	248.46	247.55	-90.06	508.09	-9,915.89	989.48	494.71	494.78	2.000		
15,200.00	6,840.00	15,073.89	6,840.00	251.14	250.24	-90.06	508.54	-10,015.89	989.47	489.31	500.16	1.978		
15,300.00	6,840.00	15,173.89	6,840.00	253.82	252.93	-90.06	509.00	-10,115.89	989.46	483.91	505.55	1.957		
15,400.00	6,840.00	15,273.89	6,840.00	256.50	255.62	-90.06	509.45	-10,215.89	989.44	478.51	510.94	1.937		
15,500.00	6,840.00	15,373.89	6,840.00	259.18	258.32	-90.06	509.90	-10,315.88	989.43	473.10	516.32	1.916		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-08 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,473.89	6,840.00	261.86	261.01	-90.06	510.35	-10,415.88	989.41	467.70	521.71	1.896		
15,700.00	6,840.00	15,573.89	6,840.00	264.54	263.70	-90.06	510.80	-10,515.88	989.40	462.30	527.10	1.877		
15,800.00	6,840.00	15,673.89	6,840.00	267.23	266.40	-90.06	511.25	-10,615.88	989.39	456.89	532.49	1.858		
15,900.00	6,840.00	15,773.89	6,840.00	269.91	269.09	-90.06	511.71	-10,715.88	989.37	451.49	537.88	1.839		
16,000.00	6,840.00	15,873.89	6,840.00	272.59	271.79	-90.06	512.16	-10,815.88	989.36	446.08	543.28	1.821		
16,100.00	6,840.00	15,973.89	6,840.00	275.28	274.49	-90.06	512.61	-10,915.88	989.34	440.67	548.67	1.803		
16,200.00	6,840.00	16,073.89	6,840.00	277.97	277.18	-90.06	513.06	-11,015.88	989.33	435.26	554.07	1.786		
16,300.00	6,840.00	16,173.89	6,840.00	280.65	279.88	-90.06	513.51	-11,115.88	989.31	429.85	559.46	1.768		
16,400.00	6,840.00	16,273.89	6,840.00	283.34	282.58	-90.06	513.96	-11,215.88	989.30	424.44	564.86	1.751		
16,500.00	6,840.00	16,373.89	6,840.00	286.03	285.28	-90.06	514.42	-11,315.87	989.29	419.03	570.25	1.735		
16,600.00	6,840.00	16,473.89	6,840.00	288.72	287.97	-90.06	514.87	-11,415.87	989.27	413.62	575.65	1.719		
16,700.00	6,840.00	16,573.89	6,840.00	291.41	290.67	-90.06	515.32	-11,515.87	989.26	408.21	581.05	1.703		
16,800.00	6,840.00	16,673.89	6,840.00	294.10	293.37	-90.06	515.77	-11,615.87	989.24	402.79	586.45	1.687		
16,900.00	6,840.00	16,773.89	6,840.00	296.79	296.07	-90.06	516.22	-11,715.87	989.23	397.38	591.85	1.671		
17,000.00	6,840.00	16,873.89	6,840.00	299.48	298.77	-90.06	516.67	-11,815.87	989.21	391.96	597.25	1.656		
17,100.00	6,840.00	16,973.89	6,840.00	302.17	301.47	-90.06	517.13	-11,915.87	989.20	386.55	602.65	1.641		
17,200.00	6,840.00	17,073.89	6,840.00	304.86	304.17	-90.06	517.58	-12,015.87	989.19	381.13	608.06	1.627		
17,300.00	6,840.00	17,173.89	6,840.00	307.56	306.88	-90.06	518.03	-12,115.87	989.17	375.71	613.46	1.612		
17,400.00	6,840.00	17,273.89	6,840.00	310.25	309.58	-90.06	518.48	-12,215.87	989.16	370.30	618.86	1.598		
17,500.00	6,840.00	17,373.89	6,840.00	312.94	312.28	-90.06	518.93	-12,315.86	989.14	364.88	624.27	1.584		
17,600.00	6,840.00	17,473.89	6,840.00	315.64	314.98	-90.06	519.38	-12,415.86	989.13	359.46	629.67	1.571		
17,700.00	6,840.00	17,573.89	6,840.00	318.33	317.68	-90.06	519.84	-12,515.86	989.12	354.04	635.08	1.557		
17,800.00	6,840.00	17,673.89	6,840.00	321.03	320.39	-90.06	520.29	-12,615.86	989.10	348.62	640.48	1.544		
17,900.00	6,840.00	17,773.89	6,840.00	323.72	323.09	-90.06	520.74	-12,715.86	989.09	343.20	645.89	1.531		
18,000.00	6,840.00	17,873.89	6,840.00	326.42	325.79	-90.06	521.19	-12,815.86	989.07	337.78	651.30	1.519		
18,100.00	6,840.00	17,973.89	6,840.00	329.11	328.49	-90.06	521.64	-12,915.86	989.06	332.35	656.70	1.506		
18,200.00	6,840.00	18,073.89	6,840.00	331.81	331.20	-90.06	522.10	-13,015.86	989.04	326.93	662.11	1.494 Level 3		
18,300.00	6,840.00	18,173.89	6,840.00	334.51	333.90	-90.06	522.55	-13,115.86	989.03	321.51	667.52	1.482 Level 3		
18,400.00	6,840.00	18,273.89	6,840.00	337.20	336.61	-90.06	523.00	-13,215.85	989.02	316.09	672.93	1.470 Level 3		
18,500.00	6,840.00	18,373.89	6,840.00	339.90	339.31	-90.06	523.45	-13,315.85	989.00	310.66	678.34	1.458 Level 3		
18,600.00	6,840.00	18,473.89	6,840.00	342.60	342.02	-90.06	523.90	-13,415.85	988.99	305.24	683.75	1.446 Level 3		
18,700.00	6,840.00	18,573.89	6,840.00	345.30	344.72	-90.06	524.35	-13,515.85	988.97	299.81	689.16	1.435 Level 3		
18,800.00	6,840.00	18,673.89	6,840.00	348.00	347.43	-90.06	524.81	-13,615.85	988.96	294.39	694.57	1.424 Level 3		
18,900.00	6,840.00	18,773.89	6,840.00	350.70	350.13	-90.06	525.26	-13,715.85	988.94	288.96	699.98	1.413 Level 3		
19,000.00	6,840.00	18,873.89	6,840.00	353.39	352.84	-90.06	525.71	-13,815.85	988.93	283.54	705.39	1.402 Level 3		
19,100.00	6,840.00	18,973.89	6,840.00	356.09	355.54	-90.06	526.16	-13,915.85	988.92	278.11	710.81	1.391 Level 3		
19,200.00	6,840.00	19,073.89	6,840.00	358.79	358.25	-90.06	526.61	-14,015.85	988.90	272.68	716.22	1.381 Level 3		
19,300.00	6,840.00	19,173.89	6,840.00	361.49	360.96	-90.06	527.06	-14,115.85	988.89	267.25	721.63	1.370 Level 3		
19,400.00	6,840.00	19,273.89	6,840.00	364.20	363.66	-90.06	527.52	-14,215.84	988.87	261.83	727.05	1.360 Level 3		
19,500.00	6,840.00	19,373.89	6,840.00	366.90	366.37	-90.06	527.97	-14,315.84	988.86	256.40	732.46	1.350 Level 3		
19,600.00	6,840.00	19,473.89	6,840.00	369.60	369.08	-90.06	528.42	-14,415.84	988.84	250.97	737.87	1.340 Level 3		
19,700.00	6,840.00	19,573.89	6,840.00	372.30	371.78	-90.06	528.87	-14,515.84	988.83	245.54	743.29	1.330 Level 3		
19,800.00	6,840.00	19,673.89	6,840.00	375.00	374.49	-90.06	529.32	-14,615.84	988.82	240.11	748.70	1.321 Level 3		
19,900.00	6,840.00	19,773.89	6,840.00	377.70	377.20	-90.06	529.77	-14,715.84	988.80	234.68	754.12	1.311 Level 3		
20,000.00	6,840.00	19,873.89	6,840.00	380.40	379.91	-90.06	530.23	-14,815.84	988.79	229.25	759.54	1.302 Level 3		
20,100.00	6,840.00	19,973.89	6,840.00	383.11	382.61	-90.06	530.68	-14,915.84	988.77	223.82	764.95	1.293 Level 3		
20,200.00	6,840.00	20,073.89	6,840.00	385.81	385.32	-90.06	531.13	-15,015.84	988.76	218.39	770.37	1.283 Level 3		
20,300.00	6,840.00	20,173.89	6,840.00	388.51	388.03	-90.06	531.58	-15,115.84	988.75	212.96	775.79	1.275 Level 3		
20,400.00	6,840.00	20,273.89	6,840.00	391.22	390.74	-90.06	532.03	-15,215.83	988.73	207.53	781.20	1.266 Level 3		
20,500.00	6,840.00	20,373.89	6,840.00	393.92	393.45	-90.06	532.48	-15,315.83	988.72	202.10	786.62	1.257 Level 3		
20,539.70	6,840.00	20,413.58	6,840.00	394.99	394.52	-90.06	532.66	-15,355.53	988.71	199.94	788.77	1.253 Level 3, SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.82	-89.98	-0.28	89.98					
100.00	100.00	101.00	99.00	0.13	0.14	-179.82	-89.98	-0.28	89.98	89.71	0.27	330.289		
200.00	200.00	201.00	199.00	0.49	0.50	-179.82	-89.98	-0.28	89.98	88.99	0.99	90.949		
300.00	300.00	301.00	299.00	0.85	0.85	-179.82	-89.98	-0.28	89.98	88.28	1.71	52.735		
400.00	400.00	401.00	399.00	1.21	1.21	-179.82	-89.98	-0.28	89.98	87.56	2.42	37.133		
500.00	500.00	501.00	499.00	1.57	1.57	-179.82	-89.98	-0.28	89.98	86.84	3.14	28.655	CC, ES	
600.00	599.98	601.02	598.98	1.92	1.93	-126.09	-89.98	-0.28	91.00	87.15	3.85	23.609		
700.00	699.84	701.16	698.84	2.28	2.29	-128.62	-89.98	-0.28	94.18	89.61	4.57	20.605		
800.00	799.45	801.55	798.45	2.65	2.65	-132.43	-89.98	-0.28	99.86	94.56	5.29	18.861		
900.00	898.70	902.30	897.70	3.02	3.01	-137.05	-89.98	-0.28	108.48	102.45	6.03	17.999		
1,000.00	997.47	996.47	996.47	3.42	3.35	-141.96	-89.98	-0.28	120.45	113.71	6.74	17.866		
1,100.00	1,095.62	1,096.76	1,096.75	3.84	3.70	-146.21	-89.80	-1.90	135.31	127.84	7.48	18.100		
1,200.00	1,193.06	1,197.55	1,197.39	4.30	4.05	-149.11	-89.23	-7.05	151.98	143.77	8.21	18.505		
1,300.00	1,289.64	1,298.73	1,298.18	4.79	4.41	-150.98	-88.26	-15.74	170.12	161.15	8.97	18.973		
1,400.00	1,385.27	1,400.25	1,398.95	5.33	4.78	-152.04	-86.89	-28.02	189.51	179.77	9.74	19.455		
1,500.00	1,479.82	1,502.08	1,499.51	5.92	5.17	-152.50	-85.12	-43.89	210.04	199.50	10.54	19.919		
1,600.00	1,573.17	1,604.17	1,599.70	6.56	5.58	-152.50	-82.95	-63.36	231.65	220.26	11.39	20.344		
1,700.00	1,665.22	1,706.50	1,699.36	7.26	6.03	-152.17	-80.38	-86.42	254.27	242.00	12.28	20.709		
1,800.00	1,756.74	1,809.40	1,798.68	7.99	6.51	-151.55	-77.39	-113.16	276.12	262.89	13.22	20.879		
1,900.00	1,848.26	1,912.94	1,897.57	8.75	7.04	-150.41	-74.00	-143.63	296.06	281.81	14.25	20.779		
2,000.00	1,939.78	2,016.85	1,995.63	9.51	7.61	-148.83	-70.19	-177.76	314.23	298.87	15.36	20.454		
2,100.00	2,031.30	2,118.40	2,090.32	10.29	8.23	-146.95	-66.12	-214.24	330.96	314.40	16.57	19.978		
2,200.00	2,122.82	2,216.47	2,181.52	11.07	8.86	-145.23	-62.13	-250.05	347.71	329.89	17.81	19.518		
2,300.00	2,214.34	2,314.54	2,272.73	11.86	9.51	-143.66	-58.13	-285.86	364.73	345.63	19.10	19.093		
2,400.00	2,305.85	2,412.60	2,363.94	12.66	10.17	-142.23	-54.14	-321.67	382.00	361.58	20.43	18.702		
2,500.00	2,397.37	2,510.67	2,455.14	13.46	10.85	-140.92	-50.15	-357.48	399.48	377.71	21.78	18.344		
2,600.00	2,488.89	2,608.73	2,546.35	14.26	11.54	-139.72	-46.15	-393.29	417.15	394.00	23.15	18.017		
2,700.00	2,580.41	2,706.80	2,637.55	15.07	12.24	-138.62	-42.16	-429.10	434.98	410.43	24.55	17.719		
2,800.00	2,671.93	2,804.86	2,728.76	15.88	12.94	-137.61	-38.16	-464.91	452.96	427.00	25.96	17.447		
2,900.00	2,763.45	2,902.93	2,819.96	16.69	13.65	-136.67	-34.17	-500.72	471.06	443.67	27.39	17.198		
3,000.00	2,854.97	3,000.99	2,911.17	17.51	14.37	-135.81	-30.18	-536.53	489.28	460.44	28.83	16.970		
3,100.00	2,946.49	3,100.94	3,002.38	18.32	15.10	-135.00	-26.18	-572.34	507.59	477.30	30.30	16.754		
3,200.00	3,038.00	3,202.87	3,093.58	19.14	15.86	-134.25	-22.19	-608.15	526.00	494.22	31.79	16.549		
3,300.00	3,129.52	3,304.81	3,184.79	19.96	16.62	-133.55	-18.19	-643.96	544.49	511.21	33.28	16.360		
3,400.00	3,221.04	3,406.74	3,275.99	20.77	17.38	-132.90	-14.20	-679.77	563.05	528.27	34.79	16.186		
3,500.00	3,312.56	3,508.68	3,367.20	21.59	18.14	-132.29	-10.21	-715.58	581.68	545.38	36.30	16.026		
3,600.00	3,404.08	3,589.39	3,458.41	22.42	18.75	-131.72	-6.21	-751.39	600.37	562.71	37.66	15.944		
3,700.00	3,495.60	3,687.45	3,549.61	23.24	19.49	-131.18	-2.22	-787.20	619.11	579.97	39.15	15.815		
3,800.00	3,587.12	3,785.52	3,640.82	24.06	20.23	-130.67	1.77	-823.02	637.91	597.26	40.64	15.696		
3,900.00	3,678.63	3,883.58	3,732.02	24.88	20.97	-130.19	5.77	-858.83	656.74	614.60	42.14	15.584		
4,000.00	3,770.15	3,981.65	3,823.23	25.71	21.72	-129.74	9.76	-894.64	675.63	631.98	43.64	15.481		
4,100.00	3,861.67	4,079.72	3,914.44	26.53	22.46	-129.31	13.76	-930.45	694.54	649.40	45.15	15.384		
4,200.00	3,953.19	4,177.78	4,005.64	27.35	23.21	-128.91	17.75	-966.26	713.50	666.84	46.66	15.293		
4,300.00	4,044.71	4,275.85	4,096.85	28.18	23.96	-128.52	21.74	-1,002.07	732.49	684.32	48.16	15.208		
4,400.00	4,136.23	4,373.91	4,188.05	29.01	24.71	-128.16	25.74	-1,037.88	751.50	701.83	49.68	15.128		
4,500.00	4,227.75	4,471.98	4,279.26	29.83	25.46	-127.81	29.73	-1,073.69	770.55	719.36	51.19	15.053		
4,600.00	4,319.27	4,570.04	4,370.47	30.66	26.21	-127.48	33.73	-1,109.50	789.62	736.92	52.70	14.982		
4,700.00	4,410.78	4,668.11	4,461.67	31.48	26.96	-127.17	37.72	-1,145.31	808.71	754.49	54.22	14.915		
4,800.00	4,502.30	4,766.18	4,552.88	32.31	27.71	-126.87	41.71	-1,181.12	827.83	772.09	55.74	14.852		
4,900.00	4,593.82	4,864.24	4,644.08	33.14	28.46	-126.58	45.71	-1,216.93	846.97	789.71	57.26	14.793		
5,000.00	4,685.34	4,962.31	4,735.29	33.96	29.22	-126.31	49.70	-1,252.74	866.13	807.35	58.78	14.736		
5,100.00	4,776.86	5,060.37	4,826.50	34.79	29.97	-126.05	53.70	-1,288.55	885.30	825.01	60.30	14.682		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,158.44	4,917.70	35.62	30.72	-125.80	57.69	-1,324.36	904.50	842.68	61.82	14.632		
5,300.00	4,959.90	5,256.50	5,008.91	36.45	31.48	-125.56	61.68	-1,360.17	923.71	860.37	63.34	14.583		
5,400.00	5,051.41	5,354.57	5,100.11	37.27	32.23	-125.33	65.68	-1,395.98	942.93	878.07	64.86	14.537		
5,500.00	5,142.93	5,452.63	5,191.32	38.10	32.99	-125.11	69.67	-1,431.79	962.17	895.78	66.39	14.493		
5,600.00	5,234.45	5,550.70	5,282.53	38.93	33.75	-124.89	73.66	-1,467.60	981.42	913.51	67.91	14.451		
5,700.00	5,325.97	5,648.77	5,373.73	39.76	34.50	-124.69	77.66	-1,503.41	1,000.68	931.25	69.44	14.411		
5,800.00	5,417.49	5,746.83	5,464.94	40.59	35.26	-124.49	81.65	-1,539.22	1,019.96	949.00	70.96	14.373		
5,900.00	5,509.01	5,844.90	5,556.14	41.42	36.02	-124.30	85.65	-1,575.03	1,039.25	966.76	72.49	14.337		
6,000.00	5,600.53	5,942.96	5,647.35	42.25	36.78	-124.12	89.64	-1,610.84	1,058.54	984.53	74.02	14.302		
6,100.00	5,692.04	6,041.03	5,738.55	43.07	37.53	-123.95	93.63	-1,646.65	1,077.85	1,002.31	75.54	14.268		
6,200.00	5,783.56	6,139.09	5,829.76	43.90	38.29	-123.78	97.63	-1,682.46	1,097.17	1,020.10	77.07	14.236		
6,300.00	5,875.08	6,237.16	5,920.97	44.73	39.05	-123.61	101.62	-1,718.27	1,116.49	1,037.90	78.60	14.205		
6,400.00	5,966.60	6,335.22	6,012.17	45.56	39.81	-123.45	105.62	-1,754.09	1,135.83	1,055.70	80.13	14.175		
6,500.00	6,058.12	6,433.29	6,103.38	46.39	40.57	-123.30	109.61	-1,789.90	1,155.17	1,073.52	81.66	14.147		
6,600.00	6,149.64	6,531.36	6,194.58	47.22	41.33	-123.15	113.60	-1,825.71	1,174.52	1,091.34	83.18	14.120		
6,700.00	6,241.16	6,629.42	6,285.79	48.05	42.08	-123.01	117.60	-1,861.52	1,193.88	1,109.16	84.71	14.093		
6,800.00	6,332.68	6,727.49	6,377.00	48.88	42.84	-122.87	121.59	-1,897.33	1,213.24	1,127.00	86.24	14.068		
6,900.00	6,424.19	6,825.55	6,468.20	49.71	43.60	-122.74	125.58	-1,933.14	1,232.61	1,144.84	87.77	14.043		
7,000.00	6,514.88	6,920.16	6,553.57	50.58	44.46	-115.28	129.35	-1,973.49	1,251.89	1,162.43	89.47	13.993		
7,100.00	6,599.14	7,013.40	6,630.14	51.67	45.55	-105.81	132.81	-2,026.42	1,269.87	1,178.23	91.63	13.858		
7,200.00	6,673.85	7,105.95	6,696.66	53.01	46.88	-99.72	135.90	-2,090.54	1,285.82	1,191.55	94.28	13.639		
7,300.00	6,736.73	7,198.02	6,751.76	54.56	48.43	-95.60	138.55	-2,164.14	1,299.26	1,201.91	97.35	13.346		
7,400.00	6,785.87	7,289.77	6,794.25	56.29	50.16	-92.81	140.71	-2,245.32	1,309.77	1,208.98	100.78	12.996		
7,500.00	6,819.79	7,381.32	6,823.22	58.13	52.01	-91.05	142.32	-2,332.04	1,317.01	1,212.55	104.47	12.607		
7,600.00	6,837.44	7,472.73	6,838.02	60.02	53.93	-90.18	143.36	-2,422.14	1,320.79	1,212.49	108.29	12.196		
7,700.00	6,840.00	7,568.22	6,840.00	61.90	55.96	-90.04	143.88	-2,517.57	1,321.32	1,209.01	112.32	11.764		
7,800.00	6,840.00	7,668.22	6,840.00	63.83	58.12	-90.04	144.34	-2,617.57	1,321.30	1,204.70	116.60	11.332		
7,900.00	6,840.00	7,768.22	6,840.00	65.81	60.33	-90.04	144.80	-2,717.57	1,321.28	1,200.30	120.98	10.921		
8,000.00	6,840.00	7,868.22	6,840.00	67.84	62.58	-90.04	145.26	-2,817.57	1,321.25	1,195.81	125.44	10.533		
8,100.00	6,840.00	7,968.22	6,840.00	69.91	64.86	-90.04	145.72	-2,917.57	1,321.23	1,191.25	129.98	10.165		
8,200.00	6,840.00	8,068.22	6,840.00	72.03	67.18	-90.04	146.18	-3,017.57	1,321.21	1,186.63	134.58	9.817		
8,300.00	6,840.00	8,168.22	6,840.00	74.18	69.52	-90.04	146.64	-3,117.56	1,321.19	1,181.94	139.24	9.488		
8,400.00	6,840.00	8,268.22	6,840.00	76.37	71.89	-90.04	147.10	-3,217.56	1,321.16	1,177.20	143.96	9.177		
8,500.00	6,840.00	8,368.22	6,840.00	78.59	74.29	-90.04	147.57	-3,317.56	1,321.14	1,172.41	148.73	8.883		
8,600.00	6,840.00	8,468.22	6,840.00	80.85	76.70	-90.04	148.03	-3,417.56	1,321.12	1,167.58	153.54	8.605		
8,700.00	6,840.00	8,568.22	6,840.00	83.13	79.14	-90.04	148.49	-3,517.56	1,321.09	1,162.71	158.39	8.341		
8,800.00	6,840.00	8,668.22	6,840.00	85.44	81.59	-90.04	148.95	-3,617.56	1,321.07	1,157.79	163.28	8.091		
8,900.00	6,840.00	8,768.22	6,840.00	87.77	84.07	-90.04	149.41	-3,717.56	1,321.05	1,152.85	168.20	7.854		
9,000.00	6,840.00	8,868.22	6,840.00	90.12	86.55	-90.04	149.87	-3,817.56	1,321.03	1,147.87	173.15	7.629		
9,100.00	6,840.00	8,968.22	6,840.00	92.50	89.05	-90.04	150.33	-3,917.56	1,321.00	1,142.87	178.14	7.416		
9,200.00	6,840.00	9,068.22	6,840.00	94.89	91.56	-90.04	150.79	-4,017.55	1,320.98	1,137.84	183.14	7.213		
9,300.00	6,840.00	9,168.22	6,840.00	97.30	94.09	-90.04	151.25	-4,117.55	1,320.96	1,132.78	188.18	7.020		
9,400.00	6,840.00	9,268.22	6,840.00	99.73	96.62	-90.04	151.71	-4,217.55	1,320.93	1,127.70	193.23	6.836		
9,500.00	6,840.00	9,368.22	6,840.00	102.17	99.16	-90.04	152.17	-4,317.55	1,320.91	1,122.61	198.31	6.661		
9,600.00	6,840.00	9,468.22	6,840.00	104.63	101.72	-90.04	152.63	-4,417.55	1,320.89	1,117.49	203.40	6.494		
9,700.00	6,840.00	9,568.22	6,840.00	107.10	104.28	-90.04	153.09	-4,517.55	1,320.87	1,112.36	208.51	6.335		
9,800.00	6,840.00	9,668.22	6,840.00	109.58	106.85	-90.04	153.55	-4,617.55	1,320.84	1,107.21	213.64	6.183		
9,900.00	6,840.00	9,768.22	6,840.00	112.07	109.42	-90.04	154.01	-4,717.55	1,320.82	1,102.04	218.78	6.037		
10,000.00	6,840.00	9,868.22	6,840.00	114.58	112.01	-90.04	154.47	-4,817.55	1,320.80	1,096.86	223.94	5.898		
10,100.00	6,840.00	9,968.22	6,840.00	117.09	114.60	-90.04	154.93	-4,917.55	1,320.78	1,091.67	229.11	5.765		
10,200.00	6,840.00	10,068.22	6,840.00	119.61	117.19	-90.04	155.39	-5,017.54	1,320.75	1,086.47	234.29	5.637		
10,300.00	6,840.00	10,168.22	6,840.00	122.14	119.79	-90.04	155.85	-5,117.54	1,320.73	1,081.25	239.48	5.515		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,268.22	6,840.00	124.68	122.40	-90.04	156.31	-5,217.54	1,320.71	1,076.02	244.68	5.398		
10,500.00	6,840.00	10,368.22	6,840.00	127.23	125.01	-90.04	156.77	-5,317.54	1,320.68	1,070.79	249.90	5.285		
10,600.00	6,840.00	10,468.22	6,840.00	129.78	127.63	-90.04	157.23	-5,417.54	1,320.66	1,065.54	255.12	5.177		
10,700.00	6,840.00	10,568.22	6,840.00	132.35	130.25	-90.04	157.69	-5,517.54	1,320.64	1,060.29	260.35	5.072		
10,800.00	6,840.00	10,668.22	6,840.00	134.91	132.87	-90.04	158.15	-5,617.54	1,320.62	1,055.02	265.59	4.972		
10,900.00	6,840.00	10,768.22	6,840.00	137.49	135.50	-90.04	158.61	-5,717.54	1,320.59	1,049.75	270.84	4.876		
11,000.00	6,840.00	10,868.22	6,840.00	140.07	138.13	-90.04	159.07	-5,817.54	1,320.57	1,044.47	276.10	4.783		
11,100.00	6,840.00	10,968.22	6,840.00	142.65	140.76	-90.04	159.53	-5,917.53	1,320.55	1,039.19	281.36	4.693		
11,200.00	6,840.00	11,068.22	6,840.00	145.24	143.40	-90.04	159.99	-6,017.53	1,320.53	1,033.89	286.63	4.607		
11,300.00	6,840.00	11,168.22	6,840.00	147.83	146.04	-90.04	160.45	-6,117.53	1,320.50	1,028.60	291.91	4.524		
11,400.00	6,840.00	11,268.22	6,840.00	150.43	148.69	-90.04	160.91	-6,217.53	1,320.48	1,023.29	297.19	4.443		
11,500.00	6,840.00	11,368.22	6,840.00	153.04	151.33	-90.04	161.37	-6,317.53	1,320.46	1,017.98	302.48	4.366		
11,600.00	6,840.00	11,468.22	6,840.00	155.64	153.98	-90.04	161.83	-6,417.53	1,320.43	1,012.67	307.77	4.290		
11,700.00	6,840.00	11,568.22	6,840.00	158.26	156.63	-90.04	162.29	-6,517.53	1,320.41	1,007.35	313.07	4.218		
11,800.00	6,840.00	11,668.22	6,840.00	160.87	159.29	-90.04	162.75	-6,617.53	1,320.39	1,002.02	318.37	4.147		
11,900.00	6,840.00	11,768.22	6,840.00	163.49	161.94	-90.04	163.21	-6,717.53	1,320.37	996.69	323.67	4.079		
12,000.00	6,840.00	11,868.22	6,840.00	166.11	164.60	-90.04	163.67	-6,817.53	1,320.34	991.36	328.99	4.013		
12,100.00	6,840.00	11,968.22	6,840.00	168.74	167.26	-90.04	164.13	-6,917.52	1,320.32	986.02	334.30	3.949		
12,200.00	6,840.00	12,068.22	6,840.00	171.37	169.92	-90.04	164.59	-7,017.52	1,320.30	980.68	339.62	3.888		
12,300.00	6,840.00	12,168.22	6,840.00	174.00	172.59	-90.04	165.05	-7,117.52	1,320.28	975.33	344.94	3.828		
12,400.00	6,840.00	12,268.22	6,840.00	176.63	175.25	-90.04	165.51	-7,217.52	1,320.25	969.98	350.27	3.769		
12,500.00	6,840.00	12,368.22	6,840.00	179.27	177.92	-90.04	165.97	-7,317.52	1,320.23	964.63	355.60	3.713		
12,600.00	6,840.00	12,468.22	6,840.00	181.91	180.59	-90.04	166.44	-7,417.52	1,320.21	959.27	360.93	3.658		
12,700.00	6,840.00	12,568.22	6,840.00	184.55	183.26	-90.04	166.90	-7,517.52	1,320.18	953.91	366.27	3.604		
12,800.00	6,840.00	12,668.22	6,840.00	187.19	185.93	-90.04	167.36	-7,617.52	1,320.16	948.55	371.61	3.553		
12,900.00	6,840.00	12,768.22	6,840.00	189.84	188.60	-90.04	167.82	-7,717.52	1,320.14	943.19	376.95	3.502		
13,000.00	6,840.00	12,868.22	6,840.00	192.48	191.28	-90.04	168.28	-7,817.51	1,320.12	937.82	382.30	3.453		
13,100.00	6,840.00	12,968.22	6,840.00	195.13	193.95	-90.04	168.74	-7,917.51	1,320.09	932.45	387.64	3.405		
13,200.00	6,840.00	13,068.22	6,840.00	197.79	196.63	-90.04	169.20	-8,017.51	1,320.07	927.08	392.99	3.359		
13,300.00	6,840.00	13,168.22	6,840.00	200.44	199.31	-90.04	169.66	-8,117.51	1,320.05	921.70	398.35	3.314		
13,400.00	6,840.00	13,268.22	6,840.00	203.10	201.99	-90.04	170.12	-8,217.51	1,320.03	916.32	403.70	3.270		
13,500.00	6,840.00	13,368.22	6,840.00	205.75	204.67	-90.04	170.58	-8,317.51	1,320.00	910.94	409.06	3.227		
13,600.00	6,840.00	13,468.22	6,840.00	208.41	207.35	-90.04	171.04	-8,417.51	1,319.98	905.56	414.42	3.185		
13,700.00	6,840.00	13,568.22	6,840.00	211.07	210.03	-90.04	171.50	-8,517.51	1,319.96	900.18	419.78	3.144		
13,800.00	6,840.00	13,668.22	6,840.00	213.74	212.71	-90.04	171.96	-8,617.51	1,319.93	894.79	425.14	3.105		
13,900.00	6,840.00	13,768.22	6,840.00	216.40	215.40	-90.04	172.42	-8,717.51	1,319.91	889.40	430.51	3.066		
14,000.00	6,840.00	13,868.22	6,840.00	219.06	218.08	-90.04	172.88	-8,817.50	1,319.89	884.01	435.88	3.028		
14,100.00	6,840.00	13,968.22	6,840.00	221.73	220.77	-90.04	173.34	-8,917.50	1,319.87	878.62	441.24	2.991		
14,200.00	6,840.00	14,068.22	6,840.00	224.40	223.45	-90.04	173.80	-9,017.50	1,319.84	873.23	446.61	2.955		
14,300.00	6,840.00	14,168.22	6,840.00	227.07	226.14	-90.04	174.26	-9,117.50	1,319.82	867.83	451.99	2.920		
14,400.00	6,840.00	14,268.22	6,840.00	229.74	228.83	-90.04	174.72	-9,217.50	1,319.80	862.44	457.36	2.886		
14,500.00	6,840.00	14,368.22	6,840.00	232.41	231.52	-90.04	175.18	-9,317.50	1,319.78	857.04	462.74	2.852		
14,600.00	6,840.00	14,468.22	6,840.00	235.08	234.21	-90.04	175.64	-9,417.50	1,319.75	851.64	468.11	2.819		
14,700.00	6,840.00	14,568.22	6,840.00	237.75	236.90	-90.04	176.10	-9,517.50	1,319.73	846.24	473.49	2.787		
14,800.00	6,840.00	14,668.22	6,840.00	240.43	239.59	-90.04	176.56	-9,617.50	1,319.71	840.84	478.87	2.756		
14,900.00	6,840.00	14,768.22	6,840.00	243.10	242.28	-90.04	177.02	-9,717.49	1,319.68	835.43	484.25	2.725		
15,000.00	6,840.00	14,868.22	6,840.00	245.78	244.97	-90.04	177.48	-9,817.49	1,319.66	830.03	489.63	2.695		
15,100.00	6,840.00	14,968.22	6,840.00	248.46	247.67	-90.04	177.94	-9,917.49	1,319.64	824.62	495.02	2.666		
15,200.00	6,840.00	15,068.22	6,840.00	251.14	250.36	-90.04	178.40	-10,017.49	1,319.62	819.21	500.40	2.637		
15,300.00	6,840.00	15,168.22	6,840.00	253.82	253.05	-90.04	178.86	-10,117.49	1,319.59	813.80	505.79	2.609		
15,400.00	6,840.00	15,268.22	6,840.00	256.50	255.75	-90.04	179.32	-10,217.49	1,319.57	808.39	511.18	2.581		
15,500.00	6,840.00	15,368.22	6,840.00	259.18	258.44	-90.04	179.78	-10,317.49	1,319.55	802.98	516.56	2.554		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-09 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,468.22	6,840.00	261.86	261.14	-90.04	180.24	-10,417.49	1,319.53	797.57	521.95	2.528		
15,700.00	6,840.00	15,568.22	6,840.00	264.54	263.83	-90.04	180.70	-10,517.49	1,319.50	792.16	527.34	2.502		
15,800.00	6,840.00	15,668.22	6,840.00	267.23	266.53	-90.04	181.16	-10,617.48	1,319.48	786.74	532.73	2.477		
15,900.00	6,840.00	15,768.22	6,840.00	269.91	269.23	-90.04	181.62	-10,717.48	1,319.46	781.33	538.13	2.452		
16,000.00	6,840.00	15,868.22	6,840.00	272.59	271.92	-90.04	182.08	-10,817.48	1,319.43	775.91	543.52	2.428		
16,100.00	6,840.00	15,968.22	6,840.00	275.28	274.62	-90.04	182.54	-10,917.48	1,319.41	770.50	548.91	2.404		
16,200.00	6,840.00	16,068.22	6,840.00	277.97	277.32	-90.04	183.00	-11,017.48	1,319.39	765.08	554.31	2.380		
16,300.00	6,840.00	16,168.22	6,840.00	280.65	280.02	-90.04	183.46	-11,117.48	1,319.37	759.66	559.71	2.357		
16,400.00	6,840.00	16,268.22	6,840.00	283.34	282.72	-90.04	183.92	-11,217.48	1,319.34	754.24	565.10	2.335		
16,500.00	6,840.00	16,368.22	6,840.00	286.03	285.42	-90.04	184.38	-11,317.48	1,319.32	748.82	570.50	2.313		
16,600.00	6,840.00	16,468.22	6,840.00	288.72	288.12	-90.04	184.84	-11,417.48	1,319.30	743.40	575.90	2.291		
16,700.00	6,840.00	16,568.22	6,840.00	291.41	290.82	-90.04	185.31	-11,517.48	1,319.28	737.98	581.30	2.270		
16,800.00	6,840.00	16,668.22	6,840.00	294.10	293.52	-90.04	185.77	-11,617.47	1,319.25	732.56	586.70	2.249		
16,900.00	6,840.00	16,768.22	6,840.00	296.79	296.22	-90.04	186.23	-11,717.47	1,319.23	727.13	592.10	2.228		
17,000.00	6,840.00	16,868.22	6,840.00	299.48	298.92	-90.04	186.69	-11,817.47	1,319.21	721.71	597.50	2.208		
17,100.00	6,840.00	16,968.22	6,840.00	302.17	301.62	-90.04	187.15	-11,917.47	1,319.18	716.28	602.90	2.188		
17,200.00	6,840.00	17,068.22	6,840.00	304.86	304.33	-90.04	187.61	-12,017.47	1,319.16	710.86	608.30	2.169		
17,300.00	6,840.00	17,168.22	6,840.00	307.56	307.03	-90.04	188.07	-12,117.47	1,319.14	705.43	613.71	2.149		
17,400.00	6,840.00	17,268.22	6,840.00	310.25	309.73	-90.04	188.53	-12,217.47	1,319.12	700.01	619.11	2.131		
17,500.00	6,840.00	17,368.22	6,840.00	312.94	312.43	-90.04	188.99	-12,317.47	1,319.09	694.58	624.52	2.112		
17,600.00	6,840.00	17,468.22	6,840.00	315.64	315.14	-90.04	189.45	-12,417.47	1,319.07	689.15	629.92	2.094		
17,700.00	6,840.00	17,568.22	6,840.00	318.33	317.84	-90.04	189.91	-12,517.46	1,319.05	683.72	635.33	2.076		
17,800.00	6,840.00	17,668.22	6,840.00	321.03	320.54	-90.04	190.37	-12,617.46	1,319.03	678.29	640.73	2.059		
17,900.00	6,840.00	17,768.22	6,840.00	323.72	323.25	-90.04	190.83	-12,717.46	1,319.00	672.86	646.14	2.041		
18,000.00	6,840.00	17,868.22	6,840.00	326.42	325.95	-90.04	191.29	-12,817.46	1,318.98	667.43	651.55	2.024		
18,100.00	6,840.00	17,968.22	6,840.00	329.11	328.66	-90.04	191.75	-12,917.46	1,318.96	662.00	656.95	2.008		
18,200.00	6,840.00	18,068.22	6,840.00	331.81	331.36	-90.04	192.21	-13,017.46	1,318.93	656.57	662.36	1.991		
18,300.00	6,840.00	18,168.22	6,840.00	334.51	334.07	-90.04	192.67	-13,117.46	1,318.91	651.14	667.77	1.975		
18,400.00	6,840.00	18,268.22	6,840.00	337.20	336.77	-90.04	193.13	-13,217.46	1,318.89	645.71	673.18	1.959		
18,500.00	6,840.00	18,368.22	6,840.00	339.90	339.48	-90.04	193.59	-13,317.46	1,318.87	640.27	678.59	1.944		
18,600.00	6,840.00	18,468.22	6,840.00	342.60	342.18	-90.04	194.05	-13,417.46	1,318.84	634.84	684.00	1.928		
18,700.00	6,840.00	18,568.22	6,840.00	345.30	344.89	-90.04	194.51	-13,517.45	1,318.82	629.41	689.41	1.913		
18,800.00	6,840.00	18,668.22	6,840.00	348.00	347.60	-90.04	194.97	-13,617.45	1,318.80	623.97	694.82	1.898		
18,900.00	6,840.00	18,768.22	6,840.00	350.70	350.30	-90.04	195.43	-13,717.45	1,318.77	618.54	700.24	1.883		
19,000.00	6,840.00	18,868.22	6,840.00	353.39	353.01	-90.04	195.89	-13,817.45	1,318.75	613.10	705.65	1.869		
19,100.00	6,840.00	18,968.22	6,840.00	356.09	355.72	-90.04	196.35	-13,917.45	1,318.73	607.67	711.06	1.855		
19,200.00	6,840.00	19,068.22	6,840.00	358.79	358.42	-90.04	196.81	-14,017.45	1,318.71	602.23	716.47	1.841		
19,300.00	6,840.00	19,168.22	6,840.00	361.49	361.13	-90.04	197.27	-14,117.45	1,318.68	596.80	721.89	1.827		
19,400.00	6,840.00	19,268.22	6,840.00	364.20	363.84	-90.04	197.73	-14,217.45	1,318.66	591.36	727.30	1.813		
19,500.00	6,840.00	19,368.22	6,840.00	366.90	366.54	-90.04	198.19	-14,317.45	1,318.64	585.92	732.71	1.800		
19,600.00	6,840.00	19,468.22	6,840.00	369.60	369.25	-90.04	198.65	-14,417.44	1,318.62	580.49	738.13	1.786		
19,700.00	6,840.00	19,568.22	6,840.00	372.30	371.96	-90.04	199.11	-14,517.44	1,318.59	575.05	743.54	1.773		
19,800.00	6,840.00	19,668.22	6,840.00	375.00	374.67	-90.04	199.57	-14,617.44	1,318.57	569.61	748.96	1.761		
19,900.00	6,840.00	19,768.22	6,840.00	377.70	377.38	-90.04	200.03	-14,717.44	1,318.55	564.17	754.38	1.748		
20,000.00	6,840.00	19,868.22	6,840.00	380.40	380.09	-90.04	200.49	-14,817.44	1,318.52	558.73	759.79	1.735		
20,100.00	6,840.00	19,968.22	6,840.00	383.11	382.79	-90.04	200.95	-14,917.44	1,318.50	553.29	765.21	1.723		
20,200.00	6,840.00	20,068.22	6,840.00	385.81	385.50	-90.04	201.41	-15,017.44	1,318.48	547.85	770.62	1.711		
20,300.00	6,840.00	20,168.22	6,840.00	388.51	388.21	-90.04	201.87	-15,117.44	1,318.46	542.42	776.04	1.699		
20,400.00	6,840.00	20,268.22	6,840.00	391.22	390.92	-90.04	202.33	-15,217.44	1,318.43	536.98	781.46	1.687		
20,500.00	6,840.00	20,368.22	6,840.00	393.92	393.63	-90.04	202.79	-15,317.44	1,318.41	531.53	786.88	1.675		
20,539.70	6,840.00	20,407.91	6,840.00	394.99	394.71	-90.04	202.98	-15,357.13	1,318.40	529.38	789.03	1.671 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	0.00	0.00	-179.86	-111.84	-0.28	111.84					
100.00	100.00	102.00	98.00	0.13	0.14	-179.86	-111.84	-0.28	111.84	111.57	0.28	405.189		
200.00	200.00	202.00	198.00	0.49	0.50	-179.86	-111.84	-0.28	111.84	110.85	0.99	112.634		
300.00	300.00	302.00	298.00	0.85	0.86	-179.86	-111.84	-0.28	111.84	110.13	1.71	65.408		
400.00	400.00	402.00	398.00	1.21	1.22	-179.86	-111.84	-0.28	111.84	109.41	2.43	46.085		
500.00	500.00	502.00	498.00	1.57	1.58	-179.86	-111.84	-0.28	111.84	108.70	3.14	35.575 CC, ES		
600.00	599.98	602.02	597.98	1.92	1.93	-125.95	-111.84	-0.28	112.86	109.00	3.86	29.252		
700.00	699.84	702.16	697.84	2.28	2.29	-128.00	-111.84	-0.28	116.01	111.43	4.57	25.361		
800.00	799.45	802.55	797.45	2.65	2.65	-131.14	-111.84	-0.28	121.58	116.28	5.30	22.947		
900.00	898.70	896.70	896.70	3.02	2.99	-135.06	-111.84	-0.28	129.94	123.93	6.01	21.630		
1,000.00	997.47	996.44	996.43	3.42	3.34	-138.76	-111.90	-1.90	141.16	134.43	6.74	20.956		
1,100.00	1,095.62	1,096.42	1,096.27	3.84	3.69	-141.43	-112.09	-7.01	154.76	147.29	7.47	20.717		
1,200.00	1,193.06	1,196.55	1,196.02	4.30	4.04	-143.20	-112.40	-15.60	170.47	162.24	8.22	20.730		
1,300.00	1,289.64	1,296.75	1,295.48	4.79	4.41	-144.23	-112.85	-27.69	188.08	179.08	9.00	20.893		
1,400.00	1,385.27	1,396.95	1,394.46	5.33	4.79	-144.67	-113.42	-43.24	207.49	197.68	9.82	21.139		
1,500.00	1,479.82	1,497.08	1,492.76	5.92	5.20	-144.64	-114.12	-62.23	228.64	217.96	10.67	21.423		
1,600.00	1,573.17	1,597.07	1,590.21	6.56	5.63	-144.26	-114.94	-84.61	251.48	239.90	11.58	21.708		
1,700.00	1,665.22	1,696.87	1,686.63	7.26	6.10	-143.65	-115.89	-110.32	276.00	263.44	12.56	21.967		
1,800.00	1,756.74	1,796.78	1,782.21	7.99	6.61	-142.87	-116.96	-139.41	300.57	286.96	13.61	22.078		
1,900.00	1,848.26	1,896.85	1,876.86	8.75	7.17	-141.61	-118.15	-171.86	324.24	309.48	14.75	21.979		
2,000.00	1,939.78	2,004.55	1,969.07	9.51	7.82	-140.03	-119.43	-206.72	347.24	331.22	16.02	21.670		
2,100.00	2,031.30	2,107.66	2,059.52	10.29	8.48	-138.60	-120.71	-241.44	370.35	353.03	17.32	21.382		
2,200.00	2,122.82	2,189.24	2,149.98	11.07	9.01	-137.33	-121.99	-276.17	393.66	375.15	18.51	21.264		
2,300.00	2,214.34	2,286.14	2,240.43	11.86	9.66	-136.21	-123.27	-310.90	417.12	397.30	19.83	21.036		
2,400.00	2,305.85	2,383.04	2,330.88	12.66	10.32	-135.21	-124.54	-345.63	440.73	419.56	21.17	20.821		
2,500.00	2,397.37	2,479.94	2,421.33	13.46	10.99	-134.30	-125.82	-380.35	464.45	441.92	22.52	20.619		
2,600.00	2,488.89	2,576.84	2,511.79	14.26	11.67	-133.49	-127.10	-415.08	488.26	464.37	23.90	20.432		
2,700.00	2,580.41	2,673.73	2,602.24	15.07	12.36	-132.75	-128.38	-449.81	512.16	486.88	25.28	20.257		
2,800.00	2,671.93	2,770.63	2,692.69	15.88	13.05	-132.08	-129.65	-484.54	536.14	509.46	26.68	20.096		
2,900.00	2,763.45	2,867.53	2,783.14	16.69	13.74	-131.46	-130.93	-519.26	560.18	532.09	28.08	19.946		
3,000.00	2,854.97	2,964.43	2,873.60	17.51	14.44	-130.89	-132.21	-553.99	584.27	554.78	29.50	19.807		
3,100.00	2,946.49	3,061.33	2,964.05	18.32	15.15	-130.37	-133.49	-588.72	608.42	577.50	30.92	19.679		
3,200.00	3,038.00	3,158.23	3,054.50	19.14	15.85	-129.89	-134.76	-623.45	632.61	600.26	32.34	19.559		
3,300.00	3,129.52	3,255.12	3,144.95	19.96	16.56	-129.45	-136.04	-658.17	656.84	623.06	33.77	19.448		
3,400.00	3,221.04	3,352.02	3,235.41	20.77	17.27	-129.03	-137.32	-692.90	681.10	645.89	35.21	19.344		
3,500.00	3,312.56	3,448.92	3,325.86	21.59	17.99	-128.65	-138.59	-727.63	705.39	668.74	36.65	19.247		
3,600.00	3,404.08	3,545.82	3,416.31	22.42	18.70	-128.29	-139.87	-762.36	729.71	691.62	38.09	19.157		
3,700.00	3,495.60	3,642.72	3,506.76	23.24	19.42	-127.95	-141.15	-797.08	754.06	714.52	39.54	19.072		
3,800.00	3,587.12	3,739.62	3,597.22	24.06	20.14	-127.64	-142.43	-831.81	778.43	737.45	40.99	18.993		
3,900.00	3,678.63	3,836.51	3,687.67	24.88	20.86	-127.34	-143.70	-866.54	802.82	760.39	42.44	18.918		
4,000.00	3,770.15	3,933.41	3,778.12	25.71	21.58	-127.06	-144.98	-901.27	827.23	783.34	43.89	18.848		
4,100.00	3,861.67	4,030.31	3,868.57	26.53	22.30	-126.80	-146.26	-935.99	851.66	806.32	45.34	18.782		
4,200.00	3,953.19	4,127.21	3,959.03	27.35	23.03	-126.55	-147.54	-970.72	876.10	829.30	46.80	18.720		
4,300.00	4,044.71	4,224.11	4,049.48	28.18	23.75	-126.31	-148.81	-1,005.45	900.56	852.30	48.26	18.661		
4,400.00	4,136.23	4,321.01	4,139.93	29.01	24.48	-126.09	-150.09	-1,040.18	925.03	875.32	49.72	18.606		
4,500.00	4,227.75	4,417.90	4,230.38	29.83	25.20	-125.88	-151.37	-1,074.90	949.52	898.34	51.18	18.553		
4,600.00	4,319.27	4,514.80	4,320.84	30.66	25.93	-125.68	-152.65	-1,109.63	974.02	921.37	52.64	18.503		
4,700.00	4,410.78	4,611.70	4,411.29	31.48	26.66	-125.49	-153.92	-1,144.36	998.52	944.42	54.10	18.456		
4,800.00	4,502.30	4,708.60	4,501.74	32.31	27.38	-125.31	-155.20	-1,179.09	1,023.04	967.47	55.57	18.411		
4,900.00	4,593.82	4,805.50	4,592.19	33.14	28.11	-125.13	-156.48	-1,213.81	1,047.56	990.53	57.03	18.368		
5,000.00	4,685.34	4,902.40	4,682.65	33.96	28.84	-124.97	-157.75	-1,248.54	1,072.10	1,013.60	58.50	18.327		
5,100.00	4,776.86	5,000.71	4,773.10	34.79	29.58	-124.81	-159.03	-1,283.27	1,096.64	1,036.67	59.98	18.285		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,103.81	4,863.55	35.62	30.36	-124.66	-160.31	-1,318.00	1,121.19	1,059.70	61.49	18.234		
5,300.00	4,959.90	5,206.91	4,954.00	36.45	31.13	-124.52	-161.59	-1,352.72	1,145.75	1,082.74	63.00	18.185		
5,400.00	5,051.41	5,289.99	5,044.46	37.27	31.76	-124.38	-162.86	-1,387.45	1,170.31	1,105.94	64.37	18.181		
5,500.00	5,142.93	5,386.89	5,134.91	38.10	32.49	-124.24	-164.14	-1,422.18	1,194.88	1,129.04	65.84	18.149		
5,600.00	5,234.45	5,483.79	5,225.36	38.93	33.22	-124.12	-165.42	-1,456.91	1,219.46	1,152.15	67.31	18.118		
5,700.00	5,325.97	5,580.69	5,315.81	39.76	33.95	-123.99	-166.70	-1,491.63	1,244.04	1,175.26	68.78	18.088		
5,800.00	5,417.49	5,677.58	5,406.27	40.59	34.69	-123.88	-167.97	-1,526.36	1,268.62	1,198.37	70.25	18.059		
5,900.00	5,509.01	5,774.48	5,496.72	41.42	35.42	-123.76	-169.25	-1,561.09	1,293.21	1,221.49	71.72	18.031		
6,000.00	5,600.53	5,871.38	5,587.17	42.25	36.15	-123.66	-170.53	-1,595.82	1,317.81	1,244.62	73.19	18.005		
6,100.00	5,692.04	5,968.28	5,677.62	43.07	36.88	-123.55	-171.81	-1,630.54	1,342.41	1,267.74	74.66	17.979		
6,200.00	5,783.56	6,065.18	5,768.08	43.90	37.61	-123.45	-173.08	-1,665.27	1,367.01	1,290.87	76.14	17.955		
6,300.00	5,875.08	6,162.08	5,858.53	44.73	38.35	-123.35	-174.36	-1,700.00	1,391.62	1,314.01	77.61	17.931		
6,400.00	5,966.60	6,258.97	5,948.98	45.56	39.08	-123.26	-175.64	-1,734.73	1,416.23	1,337.15	79.08	17.908		
6,500.00	6,058.12	6,355.87	6,039.43	46.39	39.81	-123.17	-176.91	-1,769.45	1,440.84	1,360.29	80.56	17.886		
6,600.00	6,149.64	6,452.77	6,129.89	47.22	40.55	-123.08	-178.19	-1,804.18	1,465.46	1,383.43	82.03	17.865		
6,700.00	6,241.16	6,549.67	6,220.34	48.05	41.28	-122.99	-179.47	-1,838.91	1,490.08	1,406.58	83.50	17.845		
6,800.00	6,332.68	6,646.57	6,310.79	48.88	42.01	-122.91	-180.75	-1,873.64	1,514.71	1,429.73	84.98	17.825		
6,900.00	6,424.19	6,743.47	6,401.24	49.71	42.75	-122.83	-182.02	-1,908.36	1,539.33	1,452.88	86.45	17.806		
7,000.00	6,514.88	6,840.76	6,491.93	50.58	43.49	-115.40	-183.30	-1,943.60	1,563.75	1,475.79	87.96	17.777		
7,100.00	6,599.14	6,940.14	6,579.49	51.67	44.46	-105.90	-184.48	-1,990.31	1,586.46	1,496.53	89.94	17.640		
7,200.00	6,673.85	7,040.81	6,658.62	53.01	45.73	-99.79	-185.45	-2,052.32	1,606.61	1,514.09	92.51	17.366		
7,300.00	6,736.73	7,142.85	6,726.52	54.56	47.31	-95.65	-186.18	-2,128.30	1,623.57	1,527.90	95.67	16.970		
7,400.00	6,785.87	7,246.18	6,780.46	56.29	49.16	-92.85	-186.63	-2,216.27	1,636.83	1,537.48	99.35	16.475		
7,500.00	6,819.79	7,350.55	6,818.04	58.13	51.22	-91.08	-186.77	-2,313.49	1,645.97	1,542.55	103.42	15.915		
7,600.00	6,837.44	7,455.56	6,837.44	60.02	53.41	-90.20	-186.61	-2,416.54	1,650.72	1,542.99	107.72	15.324		
7,700.00	6,840.00	7,558.23	6,840.00	61.90	55.58	-90.07	-186.17	-2,519.14	1,651.38	1,539.37	112.01	14.743		
7,800.00	6,840.00	7,658.23	6,840.00	63.83	57.74	-90.07	-185.71	-2,619.14	1,651.36	1,535.07	116.29	14.201		
7,900.00	6,840.00	7,758.23	6,840.00	65.81	59.94	-90.07	-185.25	-2,719.13	1,651.33	1,530.67	120.66	13.686		
8,000.00	6,840.00	7,858.23	6,840.00	67.84	62.18	-90.07	-184.78	-2,819.13	1,651.30	1,526.19	125.11	13.199		
8,100.00	6,840.00	7,958.23	6,840.00	69.91	64.46	-90.07	-184.32	-2,919.13	1,651.28	1,521.64	129.64	12.737		
8,200.00	6,840.00	8,058.23	6,840.00	72.03	66.77	-90.07	-183.86	-3,019.13	1,651.25	1,517.01	134.24	12.301		
8,300.00	6,840.00	8,158.23	6,840.00	74.18	69.12	-90.07	-183.39	-3,119.13	1,651.23	1,512.33	138.90	11.888		
8,400.00	6,840.00	8,258.23	6,840.00	76.37	71.48	-90.07	-182.93	-3,219.13	1,651.20	1,507.59	143.61	11.498		
8,500.00	6,840.00	8,358.23	6,840.00	78.59	73.88	-90.07	-182.47	-3,319.13	1,651.18	1,502.80	148.37	11.128		
8,600.00	6,840.00	8,458.23	6,840.00	80.85	76.29	-90.07	-182.00	-3,419.13	1,651.15	1,497.97	153.18	10.779		
8,700.00	6,840.00	8,558.23	6,840.00	83.13	78.73	-90.07	-181.54	-3,519.13	1,651.12	1,493.09	158.03	10.448		
8,800.00	6,840.00	8,658.23	6,840.00	85.44	81.18	-90.07	-181.08	-3,619.13	1,651.10	1,488.18	162.92	10.135		
8,900.00	6,840.00	8,758.23	6,840.00	87.77	83.65	-90.07	-180.61	-3,719.12	1,651.07	1,483.23	167.84	9.837		
9,000.00	6,840.00	8,858.23	6,840.00	90.12	86.13	-90.07	-180.15	-3,819.12	1,651.05	1,478.26	172.79	9.555		
9,100.00	6,840.00	8,958.23	6,840.00	92.50	88.63	-90.07	-179.69	-3,919.12	1,651.02	1,473.25	177.77	9.287		
9,200.00	6,840.00	9,058.23	6,840.00	94.89	91.14	-90.07	-179.22	-4,019.12	1,651.00	1,468.22	182.78	9.033		
9,300.00	6,840.00	9,158.23	6,840.00	97.30	93.67	-90.07	-178.76	-4,119.12	1,650.97	1,463.16	187.81	8.791		
9,400.00	6,840.00	9,258.23	6,840.00	99.73	96.20	-90.07	-178.30	-4,219.12	1,650.95	1,458.09	192.86	8.560		
9,500.00	6,840.00	9,358.23	6,840.00	102.17	98.74	-90.07	-177.84	-4,319.12	1,650.92	1,452.99	197.93	8.341		
9,600.00	6,840.00	9,458.23	6,840.00	104.63	101.30	-90.07	-177.37	-4,419.12	1,650.89	1,447.87	203.03	8.131		
9,700.00	6,840.00	9,558.23	6,840.00	107.10	103.86	-90.07	-176.91	-4,519.12	1,650.87	1,442.73	208.14	7.932		
9,800.00	6,840.00	9,658.23	6,840.00	109.58	106.43	-90.07	-176.45	-4,619.11	1,650.84	1,437.58	213.26	7.741		
9,900.00	6,840.00	9,758.23	6,840.00	112.07	109.00	-90.07	-175.98	-4,719.11	1,650.82	1,432.41	218.40	7.559		
10,000.00	6,840.00	9,858.23	6,840.00	114.58	111.59	-90.07	-175.52	-4,819.11	1,650.79	1,427.23	223.56	7.384		
10,100.00	6,840.00	9,958.23	6,840.00	117.09	114.18	-90.07	-175.06	-4,919.11	1,650.77	1,422.04	228.73	7.217		
10,200.00	6,840.00	10,058.23	6,840.00	119.61	116.77	-90.07	-174.59	-5,019.11	1,650.74	1,416.83	233.91	7.057		
10,300.00	6,840.00	10,158.23	6,840.00	122.14	119.37	-90.07	-174.13	-5,119.11	1,650.72	1,411.62	239.10	6.904		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,258.23	6,840.00	124.68	121.98	-90.07	-173.67	-5,219.11	1,650.69	1,406.39	244.30	6.757		
10,500.00	6,840.00	10,358.23	6,840.00	127.23	124.59	-90.07	-173.20	-5,319.11	1,650.66	1,401.15	249.52	6.615		
10,600.00	6,840.00	10,458.23	6,840.00	129.78	127.21	-90.07	-172.74	-5,419.11	1,650.64	1,395.90	254.74	6.480		
10,700.00	6,840.00	10,558.23	6,840.00	132.35	129.83	-90.07	-172.28	-5,519.10	1,650.61	1,390.64	259.97	6.349		
10,800.00	6,840.00	10,658.23	6,840.00	134.91	132.45	-90.07	-171.82	-5,619.10	1,650.59	1,385.38	265.21	6.224		
10,900.00	6,840.00	10,758.23	6,840.00	137.49	135.08	-90.07	-171.35	-5,719.10	1,650.56	1,380.10	270.46	6.103		
11,000.00	6,840.00	10,858.23	6,840.00	140.07	137.71	-90.07	-170.89	-5,819.10	1,650.54	1,374.82	275.71	5.986		
11,100.00	6,840.00	10,958.23	6,840.00	142.65	140.34	-90.07	-170.43	-5,919.10	1,650.51	1,369.53	280.98	5.874		
11,200.00	6,840.00	11,058.23	6,840.00	145.24	142.98	-90.07	-169.96	-6,019.10	1,650.48	1,364.24	286.24	5.766		
11,300.00	6,840.00	11,158.23	6,840.00	147.83	145.62	-90.07	-169.50	-6,119.10	1,650.46	1,358.94	291.52	5.662		
11,400.00	6,840.00	11,258.23	6,840.00	150.43	148.27	-90.07	-169.04	-6,219.10	1,650.43	1,353.63	296.80	5.561		
11,500.00	6,840.00	11,358.23	6,840.00	153.04	150.91	-90.07	-168.57	-6,319.10	1,650.41	1,348.32	302.09	5.463		
11,600.00	6,840.00	11,458.23	6,840.00	155.64	153.56	-90.07	-168.11	-6,419.10	1,650.38	1,343.00	307.38	5.369		
11,700.00	6,840.00	11,558.23	6,840.00	158.26	156.21	-90.07	-167.65	-6,519.09	1,650.36	1,337.68	312.68	5.278		
11,800.00	6,840.00	11,658.23	6,840.00	160.87	158.87	-90.07	-167.18	-6,619.09	1,650.33	1,332.35	317.98	5.190		
11,900.00	6,840.00	11,758.23	6,840.00	163.49	161.52	-90.07	-166.72	-6,719.09	1,650.31	1,327.02	323.28	5.105		
12,000.00	6,840.00	11,858.23	6,840.00	166.11	164.18	-90.07	-166.26	-6,819.09	1,650.28	1,321.68	328.60	5.022		
12,100.00	6,840.00	11,958.23	6,840.00	168.74	166.84	-90.07	-165.79	-6,919.09	1,650.25	1,316.34	333.91	4.942		
12,200.00	6,840.00	12,058.23	6,840.00	171.37	169.50	-90.07	-165.33	-7,019.09	1,650.23	1,311.00	339.23	4.865		
12,300.00	6,840.00	12,158.23	6,840.00	174.00	172.17	-90.07	-164.87	-7,119.09	1,650.20	1,305.65	344.55	4.789		
12,400.00	6,840.00	12,258.23	6,840.00	176.63	174.83	-90.07	-164.41	-7,219.09	1,650.18	1,300.30	349.88	4.716		
12,500.00	6,840.00	12,358.23	6,840.00	179.27	177.50	-90.07	-163.94	-7,319.09	1,650.15	1,294.94	355.21	4.646		
12,600.00	6,840.00	12,458.23	6,840.00	181.91	180.17	-90.07	-163.48	-7,419.08	1,650.13	1,289.58	360.54	4.577		
12,700.00	6,840.00	12,558.23	6,840.00	184.55	182.84	-90.07	-163.02	-7,519.08	1,650.10	1,284.22	365.88	4.510		
12,800.00	6,840.00	12,658.23	6,840.00	187.19	185.51	-90.07	-162.55	-7,619.08	1,650.08	1,278.86	371.22	4.445		
12,900.00	6,840.00	12,758.23	6,840.00	189.84	188.18	-90.07	-162.09	-7,719.08	1,650.05	1,273.49	376.56	4.382		
13,000.00	6,840.00	12,858.23	6,840.00	192.48	190.86	-90.07	-161.63	-7,819.08	1,650.02	1,268.12	381.90	4.321		
13,100.00	6,840.00	12,958.23	6,840.00	195.13	193.53	-90.07	-161.16	-7,919.08	1,650.00	1,262.75	387.25	4.261		
13,200.00	6,840.00	13,058.23	6,840.00	197.79	196.21	-90.07	-160.70	-8,019.08	1,649.97	1,257.37	392.60	4.203		
13,300.00	6,840.00	13,158.23	6,840.00	200.44	198.89	-90.07	-160.24	-8,119.08	1,649.95	1,251.99	397.95	4.146		
13,400.00	6,840.00	13,258.23	6,840.00	203.10	201.57	-90.07	-159.77	-8,219.08	1,649.92	1,246.61	403.31	4.091		
13,500.00	6,840.00	13,358.23	6,840.00	205.75	204.25	-90.07	-159.31	-8,319.07	1,649.90	1,241.23	408.67	4.037		
13,600.00	6,840.00	13,458.23	6,840.00	208.41	206.93	-90.07	-158.85	-8,419.07	1,649.87	1,235.85	414.02	3.985		
13,700.00	6,840.00	13,558.23	6,840.00	211.07	209.61	-90.07	-158.39	-8,519.07	1,649.84	1,230.46	419.39	3.934		
13,800.00	6,840.00	13,658.23	6,840.00	213.74	212.29	-90.07	-157.92	-8,619.07	1,649.82	1,225.07	424.75	3.884		
13,900.00	6,840.00	13,758.23	6,840.00	216.40	214.98	-90.07	-157.46	-8,719.07	1,649.79	1,219.68	430.11	3.836		
14,000.00	6,840.00	13,858.23	6,840.00	219.06	217.66	-90.07	-157.00	-8,819.07	1,649.77	1,214.29	435.48	3.788		
14,100.00	6,840.00	13,958.23	6,840.00	221.73	220.35	-90.07	-156.53	-8,919.07	1,649.74	1,208.89	440.85	3.742		
14,200.00	6,840.00	14,058.23	6,840.00	224.40	223.04	-90.07	-156.07	-9,019.07	1,649.72	1,203.50	446.22	3.697		
14,300.00	6,840.00	14,158.23	6,840.00	227.07	225.72	-90.07	-155.61	-9,119.07	1,649.69	1,198.10	451.59	3.653		
14,400.00	6,840.00	14,258.23	6,840.00	229.74	228.41	-90.07	-155.14	-9,219.07	1,649.67	1,192.70	456.97	3.610		
14,500.00	6,840.00	14,358.23	6,840.00	232.41	231.10	-90.07	-154.68	-9,319.06	1,649.64	1,187.30	462.34	3.568		
14,600.00	6,840.00	14,458.23	6,840.00	235.08	233.79	-90.07	-154.22	-9,419.06	1,649.61	1,181.90	467.72	3.527		
14,700.00	6,840.00	14,558.23	6,840.00	237.75	236.48	-90.07	-153.75	-9,519.06	1,649.59	1,176.49	473.10	3.487		
14,800.00	6,840.00	14,658.23	6,840.00	240.43	239.17	-90.07	-153.29	-9,619.06	1,649.56	1,171.09	478.48	3.448		
14,900.00	6,840.00	14,758.23	6,840.00	243.10	241.86	-90.07	-152.83	-9,719.06	1,649.54	1,165.68	483.86	3.409		
15,000.00	6,840.00	14,858.23	6,840.00	245.78	244.56	-90.07	-152.36	-9,819.06	1,649.51	1,160.27	489.24	3.372		
15,100.00	6,840.00	14,958.23	6,840.00	248.46	247.25	-90.07	-151.90	-9,919.06	1,649.49	1,154.86	494.62	3.335		
15,200.00	6,840.00	15,058.23	6,840.00	251.14	249.94	-90.07	-151.44	-10,019.06	1,649.46	1,149.45	500.01	3.299		
15,300.00	6,840.00	15,158.23	6,840.00	253.82	252.64	-90.07	-150.98	-10,119.06	1,649.44	1,144.04	505.39	3.264		
15,400.00	6,840.00	15,258.23	6,840.00	256.50	255.33	-90.07	-150.51	-10,219.05	1,649.41	1,138.63	510.78	3.229		
15,500.00	6,840.00	15,358.23	6,840.00	259.18	258.03	-90.07	-150.05	-10,319.05	1,649.38	1,133.22	516.17	3.195		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-10 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,458.23	6,840.00	261.86	260.72	-90.07	-149.59	-10,419.05	1,649.36	1,127.80	521.56	3.162		
15,700.00	6,840.00	15,558.23	6,840.00	264.54	263.42	-90.07	-149.12	-10,519.05	1,649.33	1,122.39	526.95	3.130		
15,800.00	6,840.00	15,658.23	6,840.00	267.23	266.11	-90.07	-148.66	-10,619.05	1,649.31	1,116.97	532.34	3.098		
15,900.00	6,840.00	15,758.23	6,840.00	269.91	268.81	-90.07	-148.20	-10,719.05	1,649.28	1,111.55	537.73	3.067		
16,000.00	6,840.00	15,858.23	6,840.00	272.59	271.51	-90.07	-147.73	-10,819.05	1,649.26	1,106.13	543.12	3.037		
16,100.00	6,840.00	15,958.23	6,840.00	275.28	274.21	-90.07	-147.27	-10,919.05	1,649.23	1,100.71	548.52	3.007		
16,200.00	6,840.00	16,058.23	6,840.00	277.97	276.91	-90.07	-146.81	-11,019.05	1,649.20	1,095.29	553.91	2.977		
16,300.00	6,840.00	16,158.23	6,840.00	280.65	279.60	-90.07	-146.34	-11,119.04	1,649.18	1,089.87	559.31	2.949		
16,400.00	6,840.00	16,258.23	6,840.00	283.34	282.30	-90.07	-145.88	-11,219.04	1,649.15	1,084.45	564.71	2.920		
16,500.00	6,840.00	16,358.23	6,840.00	286.03	285.00	-90.07	-145.42	-11,319.04	1,649.13	1,079.03	570.10	2.893		
16,600.00	6,840.00	16,458.23	6,840.00	288.72	287.70	-90.07	-144.96	-11,419.04	1,649.10	1,073.60	575.50	2.866		
16,700.00	6,840.00	16,558.23	6,840.00	291.41	290.40	-90.07	-144.49	-11,519.04	1,649.08	1,068.18	580.90	2.839		
16,800.00	6,840.00	16,658.23	6,840.00	294.10	293.10	-90.07	-144.03	-11,619.04	1,649.05	1,062.75	586.30	2.813		
16,900.00	6,840.00	16,758.23	6,840.00	296.79	295.81	-90.07	-143.57	-11,719.04	1,649.03	1,057.33	591.70	2.787		
17,000.00	6,840.00	16,858.23	6,840.00	299.48	298.51	-90.07	-143.10	-11,819.04	1,649.00	1,051.90	597.10	2.762		
17,100.00	6,840.00	16,958.23	6,840.00	302.17	301.21	-90.07	-142.64	-11,919.04	1,648.97	1,046.47	602.50	2.737		
17,200.00	6,840.00	17,058.23	6,840.00	304.86	303.91	-90.07	-142.18	-12,019.04	1,648.95	1,041.04	607.91	2.713		
17,300.00	6,840.00	17,158.23	6,840.00	307.56	306.61	-90.07	-141.71	-12,119.03	1,648.92	1,035.61	613.31	2.689		
17,400.00	6,840.00	17,258.23	6,840.00	310.25	309.32	-90.07	-141.25	-12,219.03	1,648.90	1,030.18	618.71	2.665		
17,500.00	6,840.00	17,358.23	6,840.00	312.94	312.02	-90.07	-140.79	-12,319.03	1,648.87	1,024.75	624.12	2.642		
17,600.00	6,840.00	17,458.23	6,840.00	315.64	314.72	-90.07	-140.32	-12,419.03	1,648.85	1,019.32	629.52	2.619		
17,700.00	6,840.00	17,558.23	6,840.00	318.33	317.43	-90.07	-139.86	-12,519.03	1,648.82	1,013.89	634.93	2.597		
17,800.00	6,840.00	17,658.23	6,840.00	321.03	320.13	-90.07	-139.40	-12,619.03	1,648.80	1,008.46	640.33	2.575		
17,900.00	6,840.00	17,758.23	6,840.00	323.72	322.83	-90.07	-138.93	-12,719.03	1,648.77	1,003.03	645.74	2.553		
18,000.00	6,840.00	17,858.23	6,840.00	326.42	325.54	-90.07	-138.47	-12,819.03	1,648.74	997.59	651.15	2.532		
18,100.00	6,840.00	17,958.23	6,840.00	329.11	328.24	-90.07	-138.01	-12,919.03	1,648.72	992.16	656.56	2.511		
18,200.00	6,840.00	18,058.23	6,840.00	331.81	330.95	-90.07	-137.55	-13,019.02	1,648.69	986.73	661.97	2.491		
18,300.00	6,840.00	18,158.23	6,840.00	334.51	333.65	-90.07	-137.08	-13,119.02	1,648.67	981.29	667.37	2.470		
18,400.00	6,840.00	18,258.23	6,840.00	337.20	336.36	-90.07	-136.62	-13,219.02	1,648.64	975.86	672.78	2.450		
18,500.00	6,840.00	18,358.23	6,840.00	339.90	339.06	-90.07	-136.16	-13,319.02	1,648.62	970.42	678.19	2.431		
18,600.00	6,840.00	18,458.23	6,840.00	342.60	341.77	-90.07	-135.69	-13,419.02	1,648.59	964.99	683.60	2.412		
18,700.00	6,840.00	18,558.23	6,840.00	345.30	344.48	-90.07	-135.23	-13,519.02	1,648.56	959.55	689.02	2.393		
18,800.00	6,840.00	18,658.23	6,840.00	348.00	347.18	-90.07	-134.77	-13,619.02	1,648.54	954.11	694.43	2.374		
18,900.00	6,840.00	18,758.23	6,840.00	350.70	349.89	-90.07	-134.30	-13,719.02	1,648.51	948.68	699.84	2.356		
19,000.00	6,840.00	18,858.23	6,840.00	353.39	352.60	-90.07	-133.84	-13,819.02	1,648.49	943.24	705.25	2.337		
19,100.00	6,840.00	18,958.23	6,840.00	356.09	355.30	-90.07	-133.38	-13,919.01	1,648.46	937.80	710.66	2.320		
19,200.00	6,840.00	19,058.23	6,840.00	358.79	358.01	-90.07	-132.91	-14,019.01	1,648.44	932.36	716.08	2.302		
19,300.00	6,840.00	19,158.23	6,840.00	361.49	360.72	-90.07	-132.45	-14,119.01	1,648.41	926.92	721.49	2.285		
19,400.00	6,840.00	19,258.23	6,840.00	364.20	363.42	-90.07	-131.99	-14,219.01	1,648.39	921.48	726.90	2.268		
19,500.00	6,840.00	19,358.23	6,840.00	366.90	366.13	-90.07	-131.53	-14,319.01	1,648.36	916.04	732.32	2.251		
19,600.00	6,840.00	19,458.23	6,840.00	369.60	368.84	-90.07	-131.06	-14,419.01	1,648.33	910.60	737.73	2.234		
19,700.00	6,840.00	19,558.23	6,840.00	372.30	371.55	-90.07	-130.60	-14,519.01	1,648.31	905.16	743.15	2.218		
19,800.00	6,840.00	19,658.23	6,840.00	375.00	374.26	-90.07	-130.14	-14,619.01	1,648.28	899.72	748.56	2.202		
19,900.00	6,840.00	19,758.23	6,840.00	377.70	376.96	-90.07	-129.67	-14,719.01	1,648.26	894.28	753.98	2.186		
20,000.00	6,840.00	19,858.23	6,840.00	380.40	379.67	-90.07	-129.21	-14,819.01	1,648.23	888.84	759.39	2.170		
20,100.00	6,840.00	19,958.23	6,840.00	383.11	382.38	-90.07	-128.75	-14,919.00	1,648.21	883.40	764.81	2.155		
20,200.00	6,840.00	20,058.23	6,840.00	385.81	385.09	-90.07	-128.28	-15,019.00	1,648.18	877.95	770.23	2.140		
20,300.00	6,840.00	20,158.23	6,840.00	388.51	387.80	-90.07	-127.82	-15,119.00	1,648.16	872.51	775.64	2.125		
20,400.00	6,840.00	20,258.23	6,840.00	391.22	390.51	-90.07	-127.36	-15,219.00	1,648.13	867.07	781.06	2.110		
20,500.00	6,840.00	20,358.23	6,840.00	393.92	393.22	-90.07	-126.89	-15,319.00	1,648.10	861.63	786.48	2.096		
20,539.70	6,840.00	20,397.93	6,840.00	394.99	394.29	-90.07	-126.71	-15,358.69	1,648.09	859.47	788.63	2.090 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.88	-134.79	-0.28	134.79					
100.00	100.00	101.00	99.00	0.13	0.14	-179.88	-134.79	-0.28	134.79	134.52	0.27	494.764		
200.00	200.00	201.00	199.00	0.49	0.50	-179.88	-134.79	-0.28	134.79	133.80	0.99	136.239		
300.00	300.00	301.00	299.00	0.85	0.85	-179.88	-134.79	-0.28	134.79	133.09	1.71	78.996		
400.00	400.00	401.00	399.00	1.21	1.21	-179.88	-134.79	-0.28	134.79	132.37	2.42	55.624		
500.00	500.00	501.00	499.00	1.57	1.57	-179.88	-134.79	-0.28	134.79	131.65	3.14	42.925 CC, ES		
600.00	599.98	601.02	598.98	1.92	1.93	-125.86	-134.79	-0.28	135.81	131.95	3.85	35.234		
700.00	699.84	701.16	698.84	2.28	2.29	-127.55	-134.79	-0.28	138.94	134.37	4.57	30.397		
800.00	799.45	798.45	798.45	2.65	2.64	-130.21	-134.79	-0.28	144.42	139.14	5.28	27.335		
900.00	898.70	897.48	897.46	3.02	2.98	-132.94	-135.09	-1.91	152.67	146.66	6.00	25.437		
1,000.00	997.47	996.54	996.38	3.42	3.33	-135.00	-136.02	-6.91	163.74	157.01	6.73	24.345		
1,100.00	1,095.62	1,095.52	1,095.00	3.84	3.67	-136.41	-137.56	-15.25	177.46	169.99	7.47	23.755		
1,200.00	1,193.06	1,194.33	1,193.08	4.30	4.04	-137.24	-139.71	-26.92	193.71	185.47	8.24	23.500		
1,300.00	1,289.64	1,292.85	1,290.42	4.79	4.42	-137.59	-142.47	-41.87	212.39	203.34	9.05	23.466		
1,400.00	1,385.27	1,390.99	1,386.81	5.33	4.82	-137.54	-145.83	-60.01	233.45	223.54	9.90	23.572		
1,500.00	1,479.82	1,488.66	1,482.05	5.92	5.24	-137.20	-149.76	-81.28	256.84	246.03	10.81	23.758		
1,600.00	1,573.17	1,585.76	1,575.95	6.56	5.70	-136.63	-154.25	-105.58	282.54	270.76	11.78	23.982		
1,700.00	1,665.22	1,682.22	1,668.34	7.26	6.19	-135.94	-159.27	-132.81	310.51	297.69	12.83	24.211		
1,800.00	1,756.74	1,778.33	1,759.42	7.99	6.73	-135.25	-164.84	-162.96	339.31	325.37	13.94	24.344		
1,900.00	1,848.26	1,874.11	1,849.16	8.75	7.31	-134.18	-170.92	-195.86	368.09	352.97	15.12	24.342		
2,000.00	1,939.78	1,969.61	1,938.36	9.51	7.92	-133.14	-177.12	-229.44	396.98	380.62	16.36	24.269		
2,100.00	2,031.30	2,065.12	2,027.55	10.29	8.54	-132.24	-183.33	-263.01	425.97	408.35	17.62	24.172		
2,200.00	2,122.82	2,160.62	2,116.74	11.07	9.18	-131.45	-189.53	-296.59	455.04	436.13	18.91	24.061		
2,300.00	2,214.34	2,256.13	2,205.94	11.86	9.83	-130.76	-195.73	-330.16	484.18	463.96	20.22	23.943		
2,400.00	2,305.85	2,351.63	2,295.13	12.66	10.49	-130.15	-201.93	-363.73	513.38	491.83	21.55	23.824		
2,500.00	2,397.37	2,447.14	2,384.33	13.46	11.16	-129.60	-208.13	-397.31	542.63	519.74	22.89	23.708		
2,600.00	2,488.89	2,542.64	2,473.52	14.26	11.84	-129.11	-214.34	-430.88	571.92	547.68	24.24	23.594		
2,700.00	2,580.41	2,638.15	2,562.72	15.07	12.52	-128.67	-220.54	-464.46	601.24	575.64	25.60	23.486		
2,800.00	2,671.93	2,733.65	2,651.91	15.88	13.20	-128.27	-226.74	-498.03	630.60	603.63	26.97	23.382		
2,900.00	2,763.45	2,829.16	2,741.10	16.69	13.89	-127.90	-232.94	-531.60	659.97	631.63	28.34	23.284		
3,000.00	2,854.97	2,924.67	2,830.30	17.51	14.58	-127.56	-239.14	-565.18	689.38	659.65	29.73	23.191		
3,100.00	2,946.49	3,020.17	2,919.49	18.32	15.28	-127.26	-245.35	-598.75	718.80	687.69	31.11	23.103		
3,200.00	3,038.00	3,115.68	3,008.69	19.14	15.97	-126.97	-251.55	-632.32	748.24	715.73	32.50	23.021		
3,300.00	3,129.52	3,211.18	3,097.88	19.96	16.67	-126.71	-257.75	-665.90	777.69	743.79	33.90	22.942		
3,400.00	3,221.04	3,306.69	3,187.08	20.77	17.37	-126.47	-263.95	-699.47	807.16	771.86	35.30	22.868		
3,500.00	3,312.56	3,402.19	3,276.27	21.59	18.08	-126.24	-270.15	-733.05	836.64	799.94	36.70	22.799		
3,600.00	3,404.08	3,497.70	3,365.46	22.42	18.78	-126.03	-276.36	-766.62	866.13	828.03	38.10	22.733		
3,700.00	3,495.60	3,606.80	3,454.66	23.24	19.59	-125.83	-282.56	-800.19	895.63	856.03	39.61	22.613		
3,800.00	3,587.12	3,688.71	3,543.85	24.06	20.19	-125.65	-288.76	-833.77	925.14	884.23	40.92	22.611		
3,900.00	3,678.63	3,784.21	3,633.05	24.88	20.90	-125.48	-294.96	-867.34	954.66	912.34	42.33	22.555		
4,000.00	3,770.15	3,879.72	3,722.24	25.71	21.61	-125.31	-301.16	-900.91	984.19	940.45	43.74	22.502		
4,100.00	3,861.67	3,975.23	3,811.44	26.53	22.32	-125.16	-307.37	-934.49	1,013.72	968.57	45.15	22.451		
4,200.00	3,953.19	4,070.73	3,900.63	27.35	23.03	-125.02	-313.57	-968.06	1,043.26	996.70	46.57	22.403		
4,300.00	4,044.71	4,166.24	3,989.82	28.18	23.74	-124.88	-319.77	-1,001.64	1,072.81	1,024.82	47.98	22.358		
4,400.00	4,136.23	4,261.74	4,079.02	29.01	24.45	-124.75	-325.97	-1,035.21	1,102.36	1,052.96	49.40	22.314		
4,500.00	4,227.75	4,357.25	4,168.21	29.83	25.17	-124.63	-332.17	-1,068.78	1,131.91	1,081.09	50.82	22.273		
4,600.00	4,319.27	4,452.75	4,257.41	30.66	25.88	-124.51	-338.38	-1,102.36	1,161.47	1,109.23	52.24	22.234		
4,700.00	4,410.78	4,548.26	4,346.60	31.48	26.59	-124.40	-344.58	-1,135.93	1,191.04	1,137.38	53.66	22.196		
4,800.00	4,502.30	4,643.76	4,435.80	32.31	27.31	-124.30	-350.78	-1,169.51	1,220.60	1,165.52	55.08	22.160		
4,900.00	4,593.82	4,739.27	4,524.99	33.14	28.02	-124.20	-356.98	-1,203.08	1,250.18	1,193.67	56.50	22.125		
5,000.00	4,685.34	4,834.77	4,614.18	33.96	28.74	-124.10	-363.18	-1,236.65	1,279.75	1,221.82	57.93	22.092		
5,100.00	4,776.86	4,930.28	4,703.38	34.79	29.45	-124.01	-369.39	-1,270.23	1,309.33	1,249.98	59.35	22.061		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	5,025.79	4,792.57	35.62	30.17	-123.92	-375.59	-1,303.80	1,338.91	1,278.13	60.78	22.031		
5,300.00	4,959.90	5,121.29	4,881.77	36.45	30.88	-123.84	-381.79	-1,337.37	1,368.49	1,306.29	62.20	22.001		
5,400.00	5,051.41	5,216.80	4,970.96	37.27	31.60	-123.76	-387.99	-1,370.95	1,398.08	1,334.45	63.63	21.973		
5,500.00	5,142.93	5,312.30	5,060.16	38.10	32.32	-123.68	-394.19	-1,404.52	1,427.67	1,362.61	65.05	21.947		
5,600.00	5,234.45	5,407.81	5,149.35	38.93	33.03	-123.61	-400.40	-1,438.10	1,457.26	1,390.78	66.48	21.921		
5,700.00	5,325.97	5,503.31	5,238.54	39.76	33.75	-123.54	-406.60	-1,471.67	1,486.85	1,418.94	67.91	21.896		
5,800.00	5,417.49	5,601.18	5,327.74	40.59	34.48	-123.47	-412.80	-1,505.24	1,516.44	1,447.09	69.35	21.866		
5,900.00	5,509.01	5,705.68	5,416.93	41.42	35.27	-123.41	-419.00	-1,538.82	1,546.04	1,475.20	70.85	21.823		
6,000.00	5,600.53	5,789.83	5,506.13	42.25	35.90	-123.34	-425.20	-1,572.39	1,575.64	1,503.45	72.19	21.826		
6,100.00	5,692.04	5,885.33	5,595.32	43.07	36.62	-123.28	-431.41	-1,605.96	1,605.24	1,531.62	73.62	21.805		
6,200.00	5,783.56	5,980.84	5,684.52	43.90	37.34	-123.23	-437.61	-1,639.54	1,634.84	1,559.79	75.05	21.784		
6,300.00	5,875.08	6,076.34	5,773.71	44.73	38.05	-123.17	-443.81	-1,673.11	1,664.44	1,587.97	76.48	21.764		
6,400.00	5,966.60	6,171.85	5,862.90	45.56	38.77	-123.12	-450.01	-1,706.69	1,694.05	1,616.14	77.91	21.745		
6,500.00	6,058.12	6,267.36	5,952.10	46.39	39.49	-123.06	-456.21	-1,740.26	1,723.65	1,644.32	79.34	21.726		
6,600.00	6,149.64	6,362.86	6,041.29	47.22	40.21	-123.01	-462.42	-1,773.83	1,753.26	1,672.49	80.77	21.708		
6,700.00	6,241.16	6,458.37	6,130.49	48.05	40.93	-122.96	-468.62	-1,807.41	1,782.87	1,700.67	82.20	21.690		
6,800.00	6,332.68	6,553.87	6,219.68	48.88	41.65	-122.92	-474.82	-1,840.98	1,812.48	1,728.85	83.63	21.673		
6,900.00	6,424.19	6,649.38	6,308.88	49.71	42.37	-122.87	-481.02	-1,874.56	1,842.09	1,757.03	85.06	21.656		
7,000.00	6,514.88	6,744.91	6,398.09	50.58	43.09	-115.18	-487.22	-1,908.14	1,871.49	1,784.97	86.52	21.632		
7,100.00	6,599.14	6,841.85	6,488.50	51.67	43.82	-105.50	-493.51	-1,942.57	1,899.27	1,811.09	88.18	21.540		
7,200.00	6,673.85	6,951.12	6,584.49	53.01	44.89	-99.44	-500.11	-1,993.99	1,924.30	1,833.78	90.52	21.259		
7,300.00	6,736.73	7,066.75	6,673.53	54.56	46.39	-95.38	-506.12	-2,067.21	1,945.62	1,851.97	93.65	20.776		
7,400.00	6,785.87	7,188.80	6,749.62	56.29	48.35	-92.68	-511.10	-2,162.23	1,962.46	1,864.91	97.54	20.119		
7,500.00	6,819.79	7,316.51	6,805.90	58.13	50.72	-90.99	-514.57	-2,276.52	1,974.16	1,872.05	102.11	19.333		
7,600.00	6,837.44	7,448.08	6,836.05	60.02	53.39	-90.16	-516.12	-2,404.27	1,980.24	1,873.13	107.11	18.487		
7,700.00	6,840.00	7,564.00	6,840.00	61.90	55.82	-90.03	-515.86	-2,520.78	1,981.07	1,869.30	111.77	17.724		
7,800.00	6,840.00	7,664.74	6,840.00	63.83	57.94	-90.03	-515.39	-2,620.78	1,981.04	1,865.00	116.04	17.072		
7,900.00	6,840.00	7,764.74	6,840.00	65.81	60.11	-90.03	-514.92	-2,720.77	1,981.01	1,860.61	120.40	16.453		
8,000.00	6,840.00	7,864.74	6,840.00	67.84	62.33	-90.03	-514.45	-2,820.77	1,980.98	1,856.13	124.85	15.867		
8,100.00	6,840.00	7,964.74	6,840.00	69.91	64.58	-90.03	-513.98	-2,920.77	1,980.95	1,851.58	129.37	15.312		
8,200.00	6,840.00	8,064.74	6,840.00	72.03	66.87	-90.03	-513.52	-3,020.77	1,980.92	1,846.95	133.96	14.787		
8,300.00	6,840.00	8,164.74	6,840.00	74.18	69.19	-90.03	-513.05	-3,120.77	1,980.88	1,842.27	138.61	14.291		
8,400.00	6,840.00	8,264.74	6,840.00	76.37	71.54	-90.03	-512.58	-3,220.77	1,980.85	1,837.53	143.32	13.821		
8,500.00	6,840.00	8,364.74	6,840.00	78.59	73.91	-90.03	-512.11	-3,320.77	1,980.82	1,832.74	148.08	13.377		
8,600.00	6,840.00	8,464.74	6,840.00	80.85	76.31	-90.03	-511.64	-3,420.77	1,980.79	1,827.91	152.88	12.956		
8,700.00	6,840.00	8,564.74	6,840.00	83.13	78.73	-90.03	-511.17	-3,520.77	1,980.76	1,823.03	157.73	12.558		
8,800.00	6,840.00	8,664.74	6,840.00	85.44	81.17	-90.03	-510.70	-3,620.76	1,980.73	1,818.12	162.61	12.181		
8,900.00	6,840.00	8,764.74	6,840.00	87.77	83.62	-90.03	-510.23	-3,720.76	1,980.70	1,813.17	167.53	11.823		
9,000.00	6,840.00	8,864.74	6,840.00	90.12	86.09	-90.03	-509.77	-3,820.76	1,980.67	1,808.19	172.47	11.484		
9,100.00	6,840.00	8,964.74	6,840.00	92.50	88.58	-90.03	-509.30	-3,920.76	1,980.63	1,803.18	177.45	11.162		
9,200.00	6,840.00	9,064.74	6,840.00	94.89	91.08	-90.03	-508.83	-4,020.76	1,980.60	1,798.15	182.45	10.855		
9,300.00	6,840.00	9,164.74	6,840.00	97.30	93.59	-90.03	-508.36	-4,120.76	1,980.57	1,793.09	187.48	10.564		
9,400.00	6,840.00	9,264.74	6,840.00	99.73	96.11	-90.03	-507.89	-4,220.76	1,980.54	1,788.01	192.53	10.287		
9,500.00	6,840.00	9,364.74	6,840.00	102.17	98.64	-90.03	-507.42	-4,320.76	1,980.51	1,782.91	197.60	10.023		
9,600.00	6,840.00	9,464.74	6,840.00	104.63	101.19	-90.03	-506.95	-4,420.76	1,980.48	1,777.79	202.69	9.771		
9,700.00	6,840.00	9,564.74	6,840.00	107.10	103.74	-90.03	-506.48	-4,520.75	1,980.45	1,772.65	207.80	9.531		
9,800.00	6,840.00	9,664.74	6,840.00	109.58	106.30	-90.03	-506.02	-4,620.75	1,980.42	1,767.49	212.92	9.301		
9,900.00	6,840.00	9,764.74	6,840.00	112.07	108.87	-90.03	-505.55	-4,720.75	1,980.38	1,762.32	218.06	9.082		
10,000.00	6,840.00	9,864.74	6,840.00	114.58	111.44	-90.03	-505.08	-4,820.75	1,980.35	1,757.14	223.22	8.872		
10,100.00	6,840.00	9,964.74	6,840.00	117.09	114.03	-90.03	-504.61	-4,920.75	1,980.32	1,751.94	228.38	8.671		
10,200.00	6,840.00	10,064.74	6,840.00	119.61	116.62	-90.03	-504.14	-5,020.75	1,980.29	1,746.73	233.56	8.479		
10,300.00	6,840.00	10,164.74	6,840.00	122.14	119.21	-90.03	-503.67	-5,120.75	1,980.26	1,741.51	238.75	8.294		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft												
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft												
Reference		Offset		Semi Major Axis			Distance							Warning												
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor														
10,400.00	6,840.00	10,264.74	6,840.00	124.68	121.81	-90.03	-503.20	-5,220.75	1,980.23	1,736.27	243.95	8.117														
10,500.00	6,840.00	10,364.74	6,840.00	127.23	124.42	-90.03	-502.73	-5,320.75	1,980.20	1,731.03	249.17	7.947														
10,600.00	6,840.00	10,464.74	6,840.00	129.78	127.03	-90.03	-502.26	-5,420.74	1,980.17	1,725.78	254.39	7.784														
10,700.00	6,840.00	10,564.74	6,840.00	132.35	129.64	-90.03	-501.80	-5,520.74	1,980.13	1,720.52	259.62	7.627														
10,800.00	6,840.00	10,664.74	6,840.00	134.91	132.26	-90.03	-501.33	-5,620.74	1,980.10	1,715.25	264.86	7.476														
10,900.00	6,840.00	10,764.74	6,840.00	137.49	134.88	-90.03	-500.86	-5,720.74	1,980.07	1,709.97	270.10	7.331														
														11,000.00	6,840.00	10,864.74	6,840.00	140.07	137.51	-90.03	-500.39	-5,820.74	1,980.04	1,704.68	275.36	7.191
														11,100.00	6,840.00	10,964.74	6,840.00	142.65	140.14	-90.03	-499.92	-5,920.74	1,980.01	1,699.39	280.62	7.056
														11,200.00	6,840.00	11,064.74	6,840.00	145.24	142.77	-90.03	-499.45	-6,020.74	1,979.98	1,694.09	285.88	6.926
														11,300.00	6,840.00	11,164.74	6,840.00	147.83	145.41	-90.03	-498.98	-6,120.74	1,979.95	1,688.79	291.16	6.800
11,400.00	6,840.00	11,264.74	6,840.00	150.43	148.05	-90.03	-498.51	-6,220.74	1,979.91	1,683.48	296.44	6.679														
														11,500.00	6,840.00	11,364.74	6,840.00	153.04	150.69	-90.03	-498.05	-6,320.73	1,979.88	1,678.16	301.72	6.562
														11,600.00	6,840.00	11,464.74	6,840.00	155.64	153.34	-90.03	-497.58	-6,420.73	1,979.85	1,672.84	307.02	6.449
														11,700.00	6,840.00	11,564.74	6,840.00	158.26	155.99	-90.03	-497.11	-6,520.73	1,979.82	1,667.51	312.31	6.339
														11,800.00	6,840.00	11,664.74	6,840.00	160.87	158.64	-90.03	-496.64	-6,620.73	1,979.79	1,662.18	317.61	6.233
11,900.00	6,840.00	11,764.74	6,840.00	163.49	161.29	-90.03	-496.17	-6,720.73	1,979.76	1,656.84	322.92	6.131														
														12,000.00	6,840.00	11,864.74	6,840.00	166.11	163.94	-90.03	-495.70	-6,820.73	1,979.73	1,651.50	328.23	6.032
														12,100.00	6,840.00	11,964.74	6,840.00	168.74	166.60	-90.03	-495.23	-6,920.73	1,979.70	1,646.15	333.54	5.935
														12,200.00	6,840.00	12,064.74	6,840.00	171.37	169.26	-90.03	-494.76	-7,020.73	1,979.66	1,640.80	338.86	5.842
														12,300.00	6,840.00	12,164.74	6,840.00	174.00	171.92	-90.03	-494.30	-7,120.73	1,979.63	1,635.45	344.18	5.752
12,400.00	6,840.00	12,264.74	6,840.00	176.63	174.58	-90.03	-493.83	-7,220.72	1,979.60	1,630.09	349.51	5.664														
														12,500.00	6,840.00	12,364.74	6,840.00	179.27	177.25	-90.03	-493.36	-7,320.72	1,979.57	1,624.73	354.84	5.579
														12,600.00	6,840.00	12,464.74	6,840.00	181.91	179.91	-90.03	-492.89	-7,420.72	1,979.54	1,619.37	360.17	5.496
														12,700.00	6,840.00	12,564.74	6,840.00	184.55	182.58	-90.03	-492.42	-7,520.72	1,979.51	1,614.00	365.51	5.416
														12,800.00	6,840.00	12,664.74	6,840.00	187.19	185.25	-90.03	-491.95	-7,620.72	1,979.48	1,608.63	370.85	5.338
12,900.00	6,840.00	12,764.74	6,840.00	189.84	187.92	-90.03	-491.48	-7,720.72	1,979.45	1,603.26	376.19	5.262														
														13,000.00	6,840.00	12,864.74	6,840.00	192.48	190.59	-90.03	-491.01	-7,820.72	1,979.41	1,597.88	381.53	5.188
														13,100.00	6,840.00	12,964.74	6,840.00	195.13	193.27	-90.03	-490.55	-7,920.72	1,979.38	1,592.50	386.88	5.116
														13,200.00	6,840.00	13,064.74	6,840.00	197.79	195.94	-90.03	-490.08	-8,020.72	1,979.35	1,587.12	392.23	5.046
														13,300.00	6,840.00	13,164.74	6,840.00	200.44	198.62	-90.03	-489.61	-8,120.71	1,979.32	1,581.74	397.58	4.978
13,400.00	6,840.00	13,264.74	6,840.00	203.10	201.30	-90.03	-489.14	-8,220.71	1,979.29	1,576.36	402.93	4.912														
														13,500.00	6,840.00	13,364.74	6,840.00	205.75	203.97	-90.03	-488.67	-8,320.71	1,979.26	1,570.97	408.29	4.848
														13,600.00	6,840.00	13,464.74	6,840.00	208.41	206.65	-90.03	-488.20	-8,420.71	1,979.23	1,565.58	413.65	4.785
														13,700.00	6,840.00	13,564.74	6,840.00	211.07	209.33	-90.03	-487.73	-8,520.71	1,979.20	1,560.19	419.01	4.724
														13,800.00	6,840.00	13,664.74	6,840.00	213.74	212.01	-90.03	-487.26	-8,620.71	1,979.16	1,554.79	424.37	4.664
13,900.00	6,840.00	13,764.74	6,840.00	216.40	214.70	-90.03	-486.79	-8,720.71	1,979.13	1,549.40	429.74	4.605														
														14,000.00	6,840.00	13,864.74	6,840.00	219.06	217.38	-90.03	-486.33	-8,820.71	1,979.10	1,544.00	435.10	4.549
														14,100.00	6,840.00	13,964.74	6,840.00	221.73	220.06	-90.03	-485.86	-8,920.71	1,979.07	1,538.60	440.47	4.493
														14,200.00	6,840.00	14,064.74	6,840.00	224.40	222.75	-90.03	-485.39	-9,020.70	1,979.04	1,533.20	445.84	4.439
														14,300.00	6,840.00	14,164.74	6,840.00	227.07	225.44	-90.03	-484.92	-9,120.70	1,979.01	1,527.79	451.21	4.386
14,400.00	6,840.00	14,264.74	6,840.00	229.74	228.12	-90.03	-484.45	-9,220.70	1,978.98	1,522.39	456.59	4.334														
														14,500.00	6,840.00	14,364.74	6,840.00	232.41	230.81	-90.03	-483.98	-9,320.70	1,978.94	1,516.98	461.96	4.284
														14,600.00	6,840.00	14,464.74	6,840.00	235.08	233.50	-90.03	-483.51	-9,420.70	1,978.91	1,511.57	467.34	4.234
														14,700.00	6,840.00	14,564.74	6,840.00	237.75	236.19	-90.03	-483.04	-9,520.70	1,978.88	1,506.17	472.72	4.186
														14,800.00	6,840.00	14,664.74	6,840.00	240.43	238.88	-90.03	-482.58	-9,620.70	1,978.85	1,500.75	478.10	4.139
14,900.00	6,840.00	14,764.74	6,840.00	243.10	241.57	-90.03	-482.11	-9,720.70	1,978.82	1,495.34	483.48	4.093														
														15,000.00	6,840.00	14,864.74	6,840.00	245.78	244.26	-90.03	-481.64	-9,820.70	1,978.79	1,489.93	488.86	4.048
														15,100.00	6,840.00	14,964.74	6,840.00	248.46	246.95	-90.03	-481.17	-9,920.70	1,978.76	1,484.52	494.24	4.004
														15,200.00	6,840.00	15,064.74	6,840.00	251.14	249.64	-90.03	-480.70	-10,020.69	1,978.73	1,479.10	499.63	3.960
														15,300.00	6,840.00	15,164.74	6,840.00	253.82	252.34	-90.03	-480.23	-10,120.69	1,978.69	1,473.68	505.01	3.918
15,400.00	6,840.00	15,264.74	6,840.00	256.50	255.03	-90.03	-479.76	-10,220.69	1,978.66	1,468.26	510.40	3.877														
														15,500.00	6,840.00	15,364.74	6,840.00	259.18	257.72	-90.03	-479.29	-10,320.69	1,978.63	1,462.85	515.79	3.836

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-11 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,464.74	6,840.00	261.86	260.42	-90.03	-478.83	-10,420.69	1,978.60	1,457.43	521.18	3.796		
15,700.00	6,840.00	15,564.74	6,840.00	264.54	263.11	-90.03	-478.36	-10,520.69	1,978.57	1,452.00	526.57	3.758		
15,800.00	6,840.00	15,664.74	6,840.00	267.23	265.81	-90.03	-477.89	-10,620.69	1,978.54	1,446.58	531.96	3.719		
15,900.00	6,840.00	15,764.74	6,840.00	269.91	268.50	-90.03	-477.42	-10,720.69	1,978.51	1,441.16	537.35	3.682		
16,000.00	6,840.00	15,864.74	6,840.00	272.59	271.20	-90.03	-476.95	-10,820.69	1,978.48	1,435.73	542.74	3.645		
16,100.00	6,840.00	15,964.74	6,840.00	275.28	273.90	-90.03	-476.48	-10,920.68	1,978.44	1,430.31	548.13	3.609		
16,200.00	6,840.00	16,064.74	6,840.00	277.97	276.60	-90.03	-476.01	-11,020.68	1,978.41	1,424.88	553.53	3.574		
16,300.00	6,840.00	16,164.74	6,840.00	280.65	279.29	-90.03	-475.54	-11,120.68	1,978.38	1,419.46	558.93	3.540		
16,400.00	6,840.00	16,264.74	6,840.00	283.34	281.99	-90.03	-475.07	-11,220.68	1,978.35	1,414.03	564.32	3.506		
16,500.00	6,840.00	16,364.74	6,840.00	286.03	284.69	-90.03	-474.61	-11,320.68	1,978.32	1,408.60	569.72	3.472		
16,600.00	6,840.00	16,464.74	6,840.00	288.72	287.39	-90.03	-474.14	-11,420.68	1,978.29	1,403.17	575.12	3.440		
16,700.00	6,840.00	16,564.74	6,840.00	291.41	290.09	-90.03	-473.67	-11,520.68	1,978.26	1,397.74	580.52	3.408		
16,800.00	6,840.00	16,664.74	6,840.00	294.10	292.79	-90.03	-473.20	-11,620.68	1,978.23	1,392.31	585.92	3.376		
16,900.00	6,840.00	16,764.74	6,840.00	296.79	295.49	-90.03	-472.73	-11,720.68	1,978.19	1,386.88	591.32	3.345		
17,000.00	6,840.00	16,864.74	6,840.00	299.48	298.19	-90.03	-472.26	-11,820.67	1,978.16	1,381.45	596.72	3.315		
17,100.00	6,840.00	16,964.74	6,840.00	302.17	300.89	-90.03	-471.79	-11,920.67	1,978.13	1,376.01	602.12	3.285		
17,200.00	6,840.00	17,064.74	6,840.00	304.86	303.59	-90.03	-471.32	-12,020.67	1,978.10	1,370.58	607.52	3.256		
17,300.00	6,840.00	17,164.74	6,840.00	307.56	306.29	-90.03	-470.86	-12,120.67	1,978.07	1,365.14	612.92	3.227		
17,400.00	6,840.00	17,264.74	6,840.00	310.25	309.00	-90.03	-470.39	-12,220.67	1,978.04	1,359.71	618.33	3.199		
17,500.00	6,840.00	17,364.74	6,840.00	312.94	311.70	-90.03	-469.92	-12,320.67	1,978.01	1,354.27	623.73	3.171		
17,600.00	6,840.00	17,464.74	6,840.00	315.64	314.40	-90.03	-469.45	-12,420.67	1,977.97	1,348.84	629.14	3.144		
17,700.00	6,840.00	17,564.74	6,840.00	318.33	317.10	-90.03	-468.98	-12,520.67	1,977.94	1,343.40	634.54	3.117		
17,800.00	6,840.00	17,664.74	6,840.00	321.03	319.81	-90.03	-468.51	-12,620.67	1,977.91	1,337.96	639.95	3.091		
17,900.00	6,840.00	17,764.74	6,840.00	323.72	322.51	-90.03	-468.04	-12,720.66	1,977.88	1,332.53	645.36	3.065		
18,000.00	6,840.00	17,864.74	6,840.00	326.42	325.21	-90.03	-467.57	-12,820.66	1,977.85	1,327.09	650.76	3.039		
18,100.00	6,840.00	17,964.74	6,840.00	329.11	327.92	-90.03	-467.11	-12,920.66	1,977.82	1,321.65	656.17	3.014		
18,200.00	6,840.00	18,064.74	6,840.00	331.81	330.62	-90.03	-466.64	-13,020.66	1,977.79	1,316.21	661.58	2.989		
18,300.00	6,840.00	18,164.74	6,840.00	334.51	333.33	-90.03	-466.17	-13,120.66	1,977.76	1,310.77	666.99	2.965		
18,400.00	6,840.00	18,264.74	6,840.00	337.20	336.03	-90.03	-465.70	-13,220.66	1,977.72	1,305.33	672.40	2.941		
18,500.00	6,840.00	18,364.74	6,840.00	339.90	338.74	-90.03	-465.23	-13,320.66	1,977.69	1,299.89	677.81	2.918		
18,600.00	6,840.00	18,464.74	6,840.00	342.60	341.44	-90.03	-464.76	-13,420.66	1,977.66	1,294.45	683.22	2.895		
18,700.00	6,840.00	18,564.74	6,840.00	345.30	344.15	-90.03	-464.29	-13,520.66	1,977.63	1,289.00	688.63	2.872		
18,800.00	6,840.00	18,664.74	6,840.00	348.00	346.85	-90.03	-463.82	-13,620.65	1,977.60	1,283.56	694.04	2.849		
18,900.00	6,840.00	18,764.74	6,840.00	350.70	349.56	-90.03	-463.36	-13,720.65	1,977.57	1,278.12	699.45	2.827		
19,000.00	6,840.00	18,864.74	6,840.00	353.39	352.26	-90.03	-462.89	-13,820.65	1,977.54	1,272.67	704.86	2.806		
19,100.00	6,840.00	18,964.74	6,840.00	356.09	354.97	-90.03	-462.42	-13,920.65	1,977.51	1,267.23	710.27	2.784		
19,200.00	6,840.00	19,064.74	6,840.00	358.79	357.68	-90.03	-461.95	-14,020.65	1,977.47	1,261.79	715.69	2.763		
19,300.00	6,840.00	19,164.74	6,840.00	361.49	360.38	-90.03	-461.48	-14,120.65	1,977.44	1,256.34	721.10	2.742		
19,400.00	6,840.00	19,264.74	6,840.00	364.20	363.09	-90.03	-461.01	-14,220.65	1,977.41	1,250.90	726.51	2.722		
19,500.00	6,840.00	19,364.74	6,840.00	366.90	365.80	-90.03	-460.54	-14,320.65	1,977.38	1,245.45	731.93	2.702		
19,600.00	6,840.00	19,464.74	6,840.00	369.60	368.50	-90.03	-460.07	-14,420.65	1,977.35	1,240.01	737.34	2.682		
19,700.00	6,840.00	19,564.74	6,840.00	372.30	371.21	-90.03	-459.60	-14,520.64	1,977.32	1,234.56	742.76	2.662		
19,800.00	6,840.00	19,664.74	6,840.00	375.00	373.92	-90.03	-459.14	-14,620.64	1,977.29	1,229.11	748.17	2.643		
19,900.00	6,840.00	19,764.74	6,840.00	377.70	376.63	-90.03	-458.67	-14,720.64	1,977.26	1,223.67	753.59	2.624		
20,000.00	6,840.00	19,864.74	6,840.00	380.40	379.34	-90.03	-458.20	-14,820.64	1,977.22	1,218.22	759.00	2.605		
20,100.00	6,840.00	19,964.74	6,840.00	383.11	382.04	-90.03	-457.73	-14,920.64	1,977.19	1,212.77	764.42	2.587		
20,200.00	6,840.00	20,064.74	6,840.00	385.81	384.75	-90.03	-457.26	-15,020.64	1,977.16	1,207.32	769.84	2.568		
20,300.00	6,840.00	20,164.74	6,840.00	388.51	387.46	-90.03	-456.79	-15,120.64	1,977.13	1,201.88	775.25	2.550		
20,400.00	6,840.00	20,264.74	6,840.00	391.22	390.17	-90.03	-456.32	-15,220.64	1,977.10	1,196.43	780.67	2.533		
20,500.00	6,840.00	20,364.74	6,840.00	393.92	392.88	-90.03	-455.85	-15,320.64	1,977.07	1,190.98	786.09	2.515		
20,536.13	6,840.00	20,400.86	6,840.00	394.90	393.86	-90.03	-455.69	-15,356.76	1,977.06	1,189.01	788.05	2.509 SF		
20,539.70	6,840.00	20,394.72	6,840.00	394.99	393.69	-90.03	-455.71	-15,350.61	1,977.08	1,189.19	787.89	2.509		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.90	-157.38	-0.28	157.38					
100.00	100.00	101.00	99.00	0.13	0.14	-179.90	-157.38	-0.28	157.38	157.11	0.27	577.670		
200.00	200.00	201.00	199.00	0.49	0.50	-179.90	-157.38	-0.28	157.38	156.39	0.99	159.069		
300.00	300.00	301.00	299.00	0.85	0.85	-179.90	-157.38	-0.28	157.38	155.67	1.71	92.233		
400.00	400.00	401.00	399.00	1.21	1.21	-179.90	-157.38	-0.28	157.38	154.96	2.42	64.945		
500.00	500.00	501.00	499.00	1.57	1.57	-179.90	-157.38	-0.28	157.38	154.24	3.14	50.118	CC, ES	
600.00	599.98	601.02	598.98	1.92	1.93	-125.79	-157.38	-0.28	158.39	154.54	3.85	41.093		
700.00	699.84	698.84	698.84	2.28	2.28	-127.24	-157.38	-0.28	161.51	156.95	4.56	35.400		
800.00	799.45	797.03	797.01	2.65	2.62	-128.95	-157.90	-1.84	167.35	162.08	5.27	31.763		
900.00	898.70	895.11	894.96	3.02	2.96	-130.27	-159.48	-6.58	176.39	170.41	5.98	29.502		
1,000.00	997.47	992.94	992.43	3.42	3.30	-131.19	-162.11	-14.47	188.54	181.83	6.71	28.103		
1,100.00	1,095.62	1,090.39	1,089.18	3.84	3.66	-131.73	-165.78	-25.47	203.72	196.26	7.47	27.290		
1,200.00	1,193.06	1,187.32	1,184.98	4.30	4.04	-131.94	-170.46	-39.50	221.88	213.63	8.25	26.880		
1,300.00	1,289.64	1,283.62	1,279.59	4.79	4.43	-131.86	-176.13	-56.48	242.96	233.87	9.09	26.742		
1,400.00	1,385.27	1,379.15	1,372.80	5.33	4.85	-131.57	-182.73	-76.29	266.91	256.94	9.96	26.785		
1,500.00	1,479.82	1,473.80	1,464.42	5.92	5.30	-131.11	-190.25	-98.81	293.69	282.79	10.90	26.943		
1,600.00	1,573.17	1,567.46	1,554.27	6.56	5.78	-130.52	-198.62	-123.92	323.24	311.35	11.90	27.167		
1,700.00	1,665.22	1,660.05	1,642.18	7.26	6.30	-129.89	-207.81	-151.46	355.52	342.56	12.97	27.420		
1,800.00	1,756.74	1,751.87	1,728.40	7.99	6.85	-129.45	-217.80	-181.42	389.21	375.13	14.08	27.634		
1,900.00	1,848.26	1,845.43	1,815.58	8.75	7.45	-128.81	-228.55	-213.63	423.31	408.03	15.28	27.701		
2,000.00	1,939.78	1,939.34	1,903.07	9.51	8.07	-128.26	-239.34	-245.98	457.45	440.94	16.51	27.703		
2,100.00	2,031.30	2,033.24	1,990.56	10.29	8.71	-127.79	-250.14	-278.34	491.63	473.86	17.77	27.668		
2,200.00	2,122.82	2,127.15	2,078.05	11.07	9.36	-127.37	-260.93	-310.70	525.83	506.79	19.05	27.610		
2,300.00	2,214.34	2,221.05	2,165.54	11.86	10.02	-127.01	-271.72	-343.06	560.05	539.72	20.34	27.538		
2,400.00	2,305.85	2,314.96	2,253.04	12.66	10.68	-126.69	-282.52	-375.41	594.29	572.65	21.64	27.459		
2,500.00	2,397.37	2,408.87	2,340.53	13.46	11.36	-126.40	-293.31	-407.77	628.55	605.59	22.96	27.377		
2,600.00	2,488.89	2,502.77	2,428.02	14.26	12.03	-126.15	-304.10	-440.13	662.82	638.53	24.28	27.294		
2,700.00	2,580.41	2,596.68	2,515.51	15.07	12.71	-125.92	-314.90	-472.48	697.10	671.48	25.62	27.211		
2,800.00	2,671.93	2,709.41	2,603.00	15.88	13.54	-125.71	-325.69	-504.84	731.38	704.29	27.09	26.996		
2,900.00	2,763.45	2,784.49	2,690.50	16.69	14.09	-125.52	-336.49	-537.20	765.68	737.37	28.30	27.053		
3,000.00	2,854.97	2,878.40	2,777.99	17.51	14.78	-125.34	-347.28	-569.55	799.98	770.33	29.65	26.977		
3,100.00	2,946.49	2,972.30	2,865.48	18.32	15.47	-125.18	-358.07	-601.91	834.29	803.28	31.01	26.905		
3,200.00	3,038.00	3,066.21	2,952.97	19.14	16.17	-125.03	-368.87	-634.27	868.60	836.24	32.37	26.836		
3,300.00	3,129.52	3,160.12	3,040.46	19.96	16.86	-124.90	-379.66	-666.63	902.92	869.19	33.73	26.770		
3,400.00	3,221.04	3,254.02	3,127.96	20.77	17.56	-124.77	-390.45	-698.98	937.24	902.15	35.09	26.708		
3,500.00	3,312.56	3,347.93	3,215.45	21.59	18.26	-124.65	-401.25	-731.34	971.57	935.11	36.46	26.648		
3,600.00	3,404.08	3,441.83	3,302.94	22.42	18.96	-124.54	-412.04	-763.70	1,005.90	968.07	37.83	26.591		
3,700.00	3,495.60	3,535.74	3,390.43	23.24	19.67	-124.44	-422.84	-796.05	1,040.23	1,001.03	39.20	26.536		
3,800.00	3,587.12	3,629.65	3,477.93	24.06	20.37	-124.35	-433.63	-828.41	1,074.57	1,033.99	40.57	26.484		
3,900.00	3,678.63	3,723.55	3,565.42	24.88	21.07	-124.26	-444.42	-860.77	1,108.90	1,066.95	41.95	26.435		
4,000.00	3,770.15	3,817.46	3,652.91	25.71	21.78	-124.17	-455.22	-893.12	1,143.24	1,099.92	43.32	26.388		
4,100.00	3,861.67	3,911.36	3,740.40	26.53	22.48	-124.09	-466.01	-925.48	1,177.58	1,132.88	44.70	26.343		
4,200.00	3,953.19	4,005.27	3,827.89	27.35	23.19	-124.02	-476.80	-957.84	1,211.93	1,165.85	46.08	26.300		
4,300.00	4,044.71	4,099.18	3,915.39	28.18	23.90	-123.95	-487.60	-990.20	1,246.27	1,198.81	47.46	26.259		
4,400.00	4,136.23	4,193.08	4,002.88	29.01	24.60	-123.88	-498.39	-1,022.55	1,280.62	1,231.78	48.84	26.219		
4,500.00	4,227.75	4,286.99	4,090.37	29.83	25.31	-123.82	-509.19	-1,054.91	1,314.97	1,264.74	50.23	26.182		
4,600.00	4,319.27	4,380.89	4,177.86	30.66	26.02	-123.76	-519.98	-1,087.27	1,349.32	1,297.71	51.61	26.145		
4,700.00	4,410.78	4,474.80	4,265.35	31.48	26.73	-123.70	-530.77	-1,119.62	1,383.67	1,330.68	52.99	26.111		
4,800.00	4,502.30	4,568.71	4,352.85	32.31	27.44	-123.64	-541.57	-1,151.98	1,418.02	1,363.65	54.38	26.078		
4,900.00	4,593.82	4,662.61	4,440.34	33.14	28.15	-123.59	-552.36	-1,184.34	1,452.38	1,396.61	55.76	26.046		
5,000.00	4,685.34	4,756.52	4,527.83	33.96	28.86	-123.54	-563.15	-1,216.69	1,486.73	1,429.58	57.15	26.015		
5,100.00	4,776.86	4,850.42	4,615.32	34.79	29.57	-123.49	-573.95	-1,249.05	1,521.09	1,462.55	58.54	25.986		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,944.33	4,702.81	35.62	30.28	-123.45	-584.74	-1,281.41	1,555.44	1,495.52	59.92	25.958		
5,300.00	4,959.90	5,038.24	4,790.31	36.45	30.99	-123.41	-595.54	-1,313.77	1,589.80	1,528.49	61.31	25.930		
5,400.00	5,051.41	5,132.14	4,877.80	37.27	31.70	-123.37	-606.33	-1,346.12	1,624.16	1,561.46	62.70	25.904		
5,500.00	5,142.93	5,226.05	4,965.29	38.10	32.41	-123.33	-617.12	-1,378.48	1,658.52	1,594.43	64.09	25.879		
5,600.00	5,234.45	5,319.95	5,052.78	38.93	33.12	-123.29	-627.92	-1,410.84	1,692.88	1,627.40	65.48	25.854		
5,700.00	5,325.97	5,413.86	5,140.27	39.76	33.83	-123.25	-638.71	-1,443.19	1,727.24	1,660.37	66.87	25.831		
5,800.00	5,417.49	5,507.77	5,227.77	40.59	34.55	-123.22	-649.50	-1,475.55	1,761.60	1,693.34	68.26	25.808		
5,900.00	5,509.01	5,601.67	5,315.26	41.42	35.26	-123.18	-660.30	-1,507.91	1,795.96	1,726.31	69.65	25.786		
6,000.00	5,600.53	5,704.42	5,402.75	42.25	36.04	-123.15	-671.09	-1,540.26	1,830.32	1,759.21	71.10	25.742		
6,100.00	5,692.04	5,789.49	5,490.24	43.07	36.68	-123.12	-681.89	-1,572.62	1,864.68	1,792.25	72.43	25.744		
6,200.00	5,783.56	5,883.39	5,577.74	43.90	37.40	-123.09	-692.68	-1,604.98	1,899.04	1,825.22	73.82	25.725		
6,300.00	5,875.08	5,977.30	5,665.23	44.73	38.11	-123.06	-703.47	-1,637.34	1,933.41	1,858.19	75.21	25.705		
6,400.00	5,966.60	6,071.20	5,752.72	45.56	38.82	-123.03	-714.27	-1,669.69	1,967.77	1,891.16	76.61	25.687		
6,500.00	6,058.12	6,165.11	5,840.21	46.39	39.53	-123.00	-725.06	-1,702.05	2,002.13	1,924.13	78.00	25.669		
6,600.00	6,149.64	6,259.02	5,927.70	47.22	40.25	-122.98	-735.85	-1,734.41	2,036.50	1,957.11	79.39	25.651		
6,700.00	6,241.16	6,352.92	6,015.20	48.05	40.96	-122.95	-746.65	-1,766.76	2,070.86	1,990.08	80.79	25.634		
6,800.00	6,332.68	6,446.83	6,102.69	48.88	41.67	-122.93	-757.44	-1,799.12	2,105.23	2,023.05	82.18	25.618		
6,900.00	6,424.19	6,540.73	6,190.18	49.71	42.39	-122.90	-768.24	-1,831.48	2,139.59	2,056.02	83.57	25.602		
7,000.00	6,514.88	6,634.66	6,277.69	50.58	43.10	-114.94	-779.03	-1,863.84	2,173.75	2,088.75	85.00	25.574		
7,100.00	6,599.14	6,727.60	6,364.28	51.67	43.81	-104.66	-789.71	-1,895.87	2,206.24	2,119.63	86.61	25.573		
7,200.00	6,673.85	6,816.85	6,447.44	53.01	44.49	-98.17	-799.97	-1,926.62	2,236.34	2,147.93	88.41	25.296		
7,300.00	6,736.73	6,932.40	6,552.05	54.56	45.50	-94.22	-812.84	-1,973.58	2,263.37	2,172.42	90.95	24.886		
7,400.00	6,785.87	7,076.60	6,666.34	56.29	47.25	-91.88	-826.73	-2,059.76	2,285.63	2,190.90	94.73	24.129		
7,500.00	6,819.79	7,245.72	6,768.25	58.13	49.96	-90.63	-838.85	-2,193.42	2,301.74	2,201.89	99.85	23.052		
7,600.00	6,837.44	7,437.13	6,831.44	60.02	53.61	-90.11	-845.91	-2,373.01	2,310.34	2,204.17	106.18	21.759		
7,700.00	6,840.00	7,587.01	6,840.00	61.90	56.64	-90.02	-846.28	-2,522.39	2,311.49	2,199.88	111.62	20.709		
7,800.00	6,840.00	7,687.01	6,840.00	63.83	58.71	-90.02	-845.81	-2,622.39	2,311.46	2,195.59	115.87	19.948		
7,900.00	6,840.00	7,787.01	6,840.00	65.81	60.83	-90.02	-845.33	-2,722.39	2,311.43	2,191.20	120.22	19.226		
8,000.00	6,840.00	7,887.01	6,840.00	67.84	62.99	-90.02	-844.86	-2,822.39	2,311.39	2,186.73	124.66	18.542		
8,100.00	6,840.00	7,987.01	6,840.00	69.91	65.20	-90.02	-844.39	-2,922.39	2,311.36	2,182.19	129.17	17.894		
8,200.00	6,840.00	8,087.01	6,840.00	72.03	67.45	-90.02	-843.92	-3,022.39	2,311.32	2,177.57	133.75	17.281		
8,300.00	6,840.00	8,187.01	6,840.00	74.18	69.73	-90.02	-843.45	-3,122.38	2,311.29	2,172.89	138.39	16.701		
8,400.00	6,840.00	8,287.01	6,840.00	76.37	72.04	-90.02	-842.98	-3,222.38	2,311.25	2,168.16	143.09	16.152		
8,500.00	6,840.00	8,387.01	6,840.00	78.59	74.37	-90.02	-842.50	-3,322.38	2,311.22	2,163.38	147.84	15.633		
8,600.00	6,840.00	8,487.01	6,840.00	80.85	76.74	-90.02	-842.03	-3,422.38	2,311.19	2,158.55	152.64	15.141		
8,700.00	6,840.00	8,587.01	6,840.00	83.13	79.13	-90.02	-841.56	-3,522.38	2,311.15	2,153.67	157.48	14.676		
8,800.00	6,840.00	8,687.01	6,840.00	85.44	81.53	-90.02	-841.09	-3,622.38	2,311.12	2,148.76	162.35	14.235		
8,900.00	6,840.00	8,787.01	6,840.00	87.77	83.96	-90.02	-840.62	-3,722.38	2,311.08	2,143.82	167.26	13.817		
9,000.00	6,840.00	8,887.01	6,840.00	90.12	86.41	-90.02	-840.15	-3,822.38	2,311.05	2,138.84	172.21	13.420		
9,100.00	6,840.00	8,987.01	6,840.00	92.50	88.87	-90.02	-839.67	-3,922.38	2,311.02	2,133.84	177.18	13.043		
9,200.00	6,840.00	9,087.01	6,840.00	94.89	91.34	-90.02	-839.20	-4,022.37	2,310.98	2,128.80	182.18	12.685		
9,300.00	6,840.00	9,187.01	6,840.00	97.30	93.83	-90.02	-838.73	-4,122.37	2,310.95	2,123.75	187.20	12.345		
9,400.00	6,840.00	9,287.01	6,840.00	99.73	96.34	-90.02	-838.26	-4,222.37	2,310.91	2,118.67	192.25	12.021		
9,500.00	6,840.00	9,387.01	6,840.00	102.17	98.85	-90.02	-837.79	-4,322.37	2,310.88	2,113.57	197.31	11.712		
9,600.00	6,840.00	9,487.01	6,840.00	104.63	101.37	-90.02	-837.32	-4,422.37	2,310.84	2,108.45	202.40	11.417		
9,700.00	6,840.00	9,587.01	6,840.00	107.10	103.91	-90.02	-836.84	-4,522.37	2,310.81	2,103.31	207.50	11.136		
9,800.00	6,840.00	9,687.01	6,840.00	109.58	106.45	-90.02	-836.37	-4,622.37	2,310.78	2,098.15	212.62	10.868		
9,900.00	6,840.00	9,787.01	6,840.00	112.07	109.01	-90.02	-835.90	-4,722.37	2,310.74	2,092.98	217.76	10.611		
10,000.00	6,840.00	9,887.01	6,840.00	114.58	111.57	-90.02	-835.43	-4,822.37	2,310.71	2,087.80	222.91	10.366		
10,100.00	6,840.00	9,987.01	6,840.00	117.09	114.14	-90.02	-834.96	-4,922.36	2,310.67	2,082.60	228.07	10.131		
10,200.00	6,840.00	10,087.01	6,840.00	119.61	116.71	-90.02	-834.49	-5,022.36	2,310.64	2,077.39	233.25	9.906		
10,300.00	6,840.00	10,187.01	6,840.00	122.14	119.29	-90.02	-834.01	-5,122.36	2,310.61	2,072.17	238.44	9.691		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,287.01	6,840.00	124.68	121.88	-90.02	-833.54	-5,222.36	2,310.57	2,066.93	243.64	9.484		
10,500.00	6,840.00	10,387.01	6,840.00	127.23	124.47	-90.02	-833.07	-5,322.36	2,310.54	2,061.69	248.85	9.285		
10,600.00	6,840.00	10,487.01	6,840.00	129.78	127.07	-90.02	-832.60	-5,422.36	2,310.50	2,056.44	254.07	9.094		
10,700.00	6,840.00	10,587.01	6,840.00	132.35	129.68	-90.02	-832.13	-5,522.36	2,310.47	2,051.17	259.29	8.911		
10,800.00	6,840.00	10,687.01	6,840.00	134.91	132.29	-90.02	-831.66	-5,622.36	2,310.44	2,045.90	264.53	8.734		
10,900.00	6,840.00	10,787.01	6,840.00	137.49	134.90	-90.02	-831.18	-5,722.36	2,310.40	2,040.63	269.78	8.564		
11,000.00	6,840.00	10,887.01	6,840.00	140.07	137.52	-90.02	-830.71	-5,822.35	2,310.37	2,035.34	275.03	8.400		
11,100.00	6,840.00	10,987.01	6,840.00	142.65	140.14	-90.02	-830.24	-5,922.35	2,310.33	2,030.05	280.29	8.243		
11,200.00	6,840.00	11,087.01	6,840.00	145.24	142.76	-90.02	-829.77	-6,022.35	2,310.30	2,024.74	285.55	8.091		
11,300.00	6,840.00	11,187.01	6,840.00	147.83	145.39	-90.02	-829.30	-6,122.35	2,310.26	2,019.44	290.83	7.944		
11,400.00	6,840.00	11,287.01	6,840.00	150.43	148.02	-90.02	-828.83	-6,222.35	2,310.23	2,014.13	296.10	7.802		
11,500.00	6,840.00	11,387.01	6,840.00	153.04	150.66	-90.02	-828.35	-6,322.35	2,310.20	2,008.81	301.39	7.665		
11,600.00	6,840.00	11,487.01	6,840.00	155.64	153.30	-90.02	-827.88	-6,422.35	2,310.16	2,003.48	306.68	7.533		
11,700.00	6,840.00	11,587.01	6,840.00	158.26	155.94	-90.02	-827.41	-6,522.35	2,310.13	1,998.15	311.97	7.405		
11,800.00	6,840.00	11,687.01	6,840.00	160.87	158.58	-90.02	-826.94	-6,622.35	2,310.09	1,992.82	317.27	7.281		
11,900.00	6,840.00	11,787.01	6,840.00	163.49	161.23	-90.02	-826.47	-6,722.34	2,310.06	1,987.48	322.58	7.161		
12,000.00	6,840.00	11,887.01	6,840.00	166.11	163.87	-90.02	-826.00	-6,822.34	2,310.03	1,982.14	327.89	7.045		
12,100.00	6,840.00	11,987.01	6,840.00	168.74	166.53	-90.02	-825.52	-6,922.34	2,309.99	1,976.79	333.20	6.933		
12,200.00	6,840.00	12,087.01	6,840.00	171.37	169.18	-90.02	-825.05	-7,022.34	2,309.96	1,971.44	338.52	6.824		
12,300.00	6,840.00	12,187.01	6,840.00	174.00	171.83	-90.02	-824.58	-7,122.34	2,309.92	1,966.08	343.84	6.718		
12,400.00	6,840.00	12,287.01	6,840.00	176.63	174.49	-90.02	-824.11	-7,222.34	2,309.89	1,960.73	349.16	6.616		
12,500.00	6,840.00	12,387.01	6,840.00	179.27	177.15	-90.02	-823.64	-7,322.34	2,309.85	1,955.36	354.49	6.516		
12,600.00	6,840.00	12,487.01	6,840.00	181.91	179.81	-90.02	-823.17	-7,422.34	2,309.82	1,950.00	359.82	6.419		
12,700.00	6,840.00	12,587.01	6,840.00	184.55	182.47	-90.02	-822.70	-7,522.34	2,309.79	1,944.63	365.16	6.325		
12,800.00	6,840.00	12,687.01	6,840.00	187.19	185.14	-90.02	-822.22	-7,622.33	2,309.75	1,939.26	370.49	6.234		
12,900.00	6,840.00	12,787.01	6,840.00	189.84	187.80	-90.02	-821.75	-7,722.33	2,309.72	1,933.88	375.84	6.146		
13,000.00	6,840.00	12,887.01	6,840.00	192.48	190.47	-90.02	-821.28	-7,822.33	2,309.68	1,928.51	381.18	6.059		
13,100.00	6,840.00	12,987.01	6,840.00	195.13	193.14	-90.02	-820.81	-7,922.33	2,309.65	1,923.13	386.52	5.975		
13,200.00	6,840.00	13,087.01	6,840.00	197.79	195.81	-90.02	-820.34	-8,022.33	2,309.62	1,917.74	391.87	5.894		
13,300.00	6,840.00	13,187.01	6,840.00	200.44	198.48	-90.02	-819.87	-8,122.33	2,309.58	1,912.36	397.22	5.814		
13,400.00	6,840.00	13,287.01	6,840.00	203.10	201.16	-90.02	-819.39	-8,222.33	2,309.55	1,906.97	402.58	5.737		
13,500.00	6,840.00	13,387.01	6,840.00	205.75	203.83	-90.02	-818.92	-8,322.33	2,309.51	1,901.58	407.93	5.661		
13,600.00	6,840.00	13,487.01	6,840.00	208.41	206.51	-90.02	-818.45	-8,422.33	2,309.48	1,896.19	413.29	5.588		
13,700.00	6,840.00	13,587.01	6,840.00	211.07	209.18	-90.02	-817.98	-8,522.32	2,309.45	1,890.79	418.65	5.516		
13,800.00	6,840.00	13,687.01	6,840.00	213.74	211.86	-90.02	-817.51	-8,622.32	2,309.41	1,885.40	424.01	5.447		
13,900.00	6,840.00	13,787.01	6,840.00	216.40	214.54	-90.02	-817.04	-8,722.32	2,309.38	1,880.00	429.38	5.378		
14,000.00	6,840.00	13,887.01	6,840.00	219.06	217.22	-90.02	-816.56	-8,822.32	2,309.34	1,874.60	434.74	5.312		
14,100.00	6,840.00	13,987.01	6,840.00	221.73	219.90	-90.02	-816.09	-8,922.32	2,309.31	1,869.20	440.11	5.247		
14,200.00	6,840.00	14,087.01	6,840.00	224.40	222.58	-90.02	-815.62	-9,022.32	2,309.27	1,863.79	445.48	5.184		
14,300.00	6,840.00	14,187.01	6,840.00	227.07	225.27	-90.02	-815.15	-9,122.32	2,309.24	1,858.39	450.85	5.122		
14,400.00	6,840.00	14,287.01	6,840.00	229.74	227.95	-90.02	-814.68	-9,222.32	2,309.21	1,852.98	456.23	5.062		
14,500.00	6,840.00	14,387.01	6,840.00	232.41	230.63	-90.02	-814.21	-9,322.32	2,309.17	1,847.57	461.60	5.003		
14,600.00	6,840.00	14,487.01	6,840.00	235.08	233.32	-90.02	-813.73	-9,422.31	2,309.14	1,842.16	466.98	4.945		
14,700.00	6,840.00	14,587.01	6,840.00	237.75	236.01	-90.02	-813.26	-9,522.31	2,309.10	1,836.75	472.35	4.889		
14,800.00	6,840.00	14,687.01	6,840.00	240.43	238.69	-90.02	-812.79	-9,622.31	2,309.07	1,831.34	477.73	4.833		
14,900.00	6,840.00	14,787.01	6,840.00	243.10	241.38	-90.02	-812.32	-9,722.31	2,309.04	1,825.92	483.11	4.780		
15,000.00	6,840.00	14,887.01	6,840.00	245.78	244.07	-90.02	-811.85	-9,822.31	2,309.00	1,820.51	488.49	4.727		
15,100.00	6,840.00	14,987.01	6,840.00	248.46	246.76	-90.02	-811.38	-9,922.31	2,308.97	1,815.09	493.88	4.675		
15,200.00	6,840.00	15,087.01	6,840.00	251.14	249.45	-90.02	-810.90	-10,022.31	2,308.93	1,809.67	499.26	4.625		
15,300.00	6,840.00	15,187.01	6,840.00	253.82	252.14	-90.02	-810.43	-10,122.31	2,308.90	1,804.25	504.64	4.575		
15,400.00	6,840.00	15,287.01	6,840.00	256.50	254.83	-90.02	-809.96	-10,222.31	2,308.86	1,798.83	510.03	4.527		
15,500.00	6,840.00	15,387.01	6,840.00	259.18	257.52	-90.02	-809.49	-10,322.30	2,308.83	1,793.41	515.42	4.480		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-12 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,487.01	6,840.00	261.86	260.21	-90.02	-809.02	-10,422.30	2,308.80	1,787.99	520.81	4.433		
15,700.00	6,840.00	15,587.01	6,840.00	264.54	262.91	-90.02	-808.55	-10,522.30	2,308.76	1,782.57	526.20	4.388		
15,800.00	6,840.00	15,687.01	6,840.00	267.23	265.60	-90.02	-808.07	-10,622.30	2,308.73	1,777.14	531.59	4.343		
15,900.00	6,840.00	15,787.01	6,840.00	269.91	268.29	-90.02	-807.60	-10,722.30	2,308.69	1,771.72	536.98	4.299		
16,000.00	6,840.00	15,887.01	6,840.00	272.59	270.99	-90.02	-807.13	-10,822.30	2,308.66	1,766.29	542.37	4.257		
16,100.00	6,840.00	15,987.01	6,840.00	275.28	273.68	-90.02	-806.66	-10,922.30	2,308.63	1,760.86	547.76	4.215		
16,200.00	6,840.00	16,087.01	6,840.00	277.97	276.38	-90.02	-806.19	-11,022.30	2,308.59	1,755.43	553.16	4.173		
16,300.00	6,840.00	16,187.01	6,840.00	280.65	279.07	-90.02	-805.72	-11,122.30	2,308.56	1,750.00	558.55	4.133		
16,400.00	6,840.00	16,287.01	6,840.00	283.34	281.77	-90.02	-805.24	-11,222.29	2,308.52	1,744.57	563.95	4.093		
16,500.00	6,840.00	16,387.01	6,840.00	286.03	284.47	-90.02	-804.77	-11,322.29	2,308.49	1,739.14	569.35	4.055		
16,600.00	6,840.00	16,487.01	6,840.00	288.72	287.16	-90.02	-804.30	-11,422.29	2,308.46	1,733.71	574.74	4.016		
16,700.00	6,840.00	16,587.01	6,840.00	291.41	289.86	-90.02	-803.83	-11,522.29	2,308.42	1,728.28	580.14	3.979		
16,800.00	6,840.00	16,687.01	6,840.00	294.10	292.56	-90.02	-803.36	-11,622.29	2,308.39	1,722.84	585.54	3.942		
16,900.00	6,840.00	16,787.01	6,840.00	296.79	295.26	-90.02	-802.89	-11,722.29	2,308.35	1,717.41	590.94	3.906		
17,000.00	6,840.00	16,887.01	6,840.00	299.48	297.96	-90.02	-802.41	-11,822.29	2,308.32	1,711.98	596.34	3.871		
17,100.00	6,840.00	16,987.01	6,840.00	302.17	300.66	-90.02	-801.94	-11,922.29	2,308.28	1,706.54	601.74	3.836		
17,200.00	6,840.00	17,087.01	6,840.00	304.86	303.36	-90.02	-801.47	-12,022.29	2,308.25	1,701.10	607.15	3.802		
17,300.00	6,840.00	17,187.01	6,840.00	307.56	306.06	-90.02	-801.00	-12,122.28	2,308.22	1,695.67	612.55	3.768		
17,400.00	6,840.00	17,287.01	6,840.00	310.25	308.76	-90.02	-800.53	-12,222.28	2,308.18	1,690.23	617.95	3.735		
17,500.00	6,840.00	17,387.01	6,840.00	312.94	311.46	-90.02	-800.06	-12,322.28	2,308.15	1,684.79	623.36	3.703		
17,600.00	6,840.00	17,487.01	6,840.00	315.64	314.16	-90.02	-799.58	-12,422.28	2,308.11	1,679.35	628.76	3.671		
17,700.00	6,840.00	17,587.01	6,840.00	318.33	316.86	-90.02	-799.11	-12,522.28	2,308.08	1,673.91	634.17	3.640		
17,800.00	6,840.00	17,687.01	6,840.00	321.03	319.56	-90.02	-798.64	-12,622.28	2,308.05	1,668.47	639.57	3.609		
17,900.00	6,840.00	17,787.01	6,840.00	323.72	322.26	-90.02	-798.17	-12,722.28	2,308.01	1,663.03	644.98	3.578		
18,000.00	6,840.00	17,887.01	6,840.00	326.42	324.97	-90.02	-797.70	-12,822.28	2,307.98	1,657.59	650.39	3.549		
18,100.00	6,840.00	17,987.01	6,840.00	329.11	327.67	-90.02	-797.23	-12,922.28	2,307.94	1,652.15	655.79	3.519		
18,200.00	6,840.00	18,087.01	6,840.00	331.81	330.37	-90.02	-796.75	-13,022.27	2,307.91	1,646.71	661.20	3.490		
18,300.00	6,840.00	18,187.01	6,840.00	334.51	333.07	-90.02	-796.28	-13,122.27	2,307.87	1,641.26	666.61	3.462		
18,400.00	6,840.00	18,287.01	6,840.00	337.20	335.78	-90.02	-795.81	-13,222.27	2,307.84	1,635.82	672.02	3.434		
18,500.00	6,840.00	18,387.01	6,840.00	339.90	338.48	-90.02	-795.34	-13,322.27	2,307.81	1,630.38	677.43	3.407		
18,600.00	6,840.00	18,487.01	6,840.00	342.60	341.18	-90.02	-794.87	-13,422.27	2,307.77	1,624.93	682.84	3.380		
18,700.00	6,840.00	18,587.01	6,840.00	345.30	343.89	-90.02	-794.40	-13,522.27	2,307.74	1,619.49	688.25	3.353		
18,800.00	6,840.00	18,687.01	6,840.00	348.00	346.59	-90.02	-793.92	-13,622.27	2,307.70	1,614.04	693.66	3.327		
18,900.00	6,840.00	18,787.01	6,840.00	350.70	349.30	-90.02	-793.45	-13,722.27	2,307.67	1,608.60	699.07	3.301		
19,000.00	6,840.00	18,887.01	6,840.00	353.39	352.00	-90.02	-792.98	-13,822.27	2,307.64	1,603.15	704.48	3.276		
19,100.00	6,840.00	18,987.01	6,840.00	356.09	354.71	-90.02	-792.51	-13,922.26	2,307.60	1,597.71	709.90	3.251		
19,200.00	6,840.00	19,087.01	6,840.00	358.79	357.41	-90.02	-792.04	-14,022.26	2,307.57	1,592.26	715.31	3.226		
19,300.00	6,840.00	19,187.01	6,840.00	361.49	360.12	-90.02	-791.57	-14,122.26	2,307.53	1,586.81	720.72	3.202		
19,400.00	6,840.00	19,287.01	6,840.00	364.20	362.82	-90.02	-791.09	-14,222.26	2,307.50	1,581.36	726.13	3.178		
19,500.00	6,840.00	19,387.01	6,840.00	366.90	365.53	-90.02	-790.62	-14,322.26	2,307.47	1,575.92	731.55	3.154		
19,600.00	6,840.00	19,487.01	6,840.00	369.60	368.24	-90.02	-790.15	-14,422.26	2,307.43	1,570.47	736.96	3.131		
19,700.00	6,840.00	19,587.01	6,840.00	372.30	370.94	-90.02	-789.68	-14,522.26	2,307.40	1,565.02	742.38	3.108		
19,800.00	6,840.00	19,687.01	6,840.00	375.00	373.65	-90.02	-789.21	-14,622.26	2,307.36	1,559.57	747.79	3.086		
19,900.00	6,840.00	19,787.01	6,840.00	377.70	376.36	-90.02	-788.74	-14,722.26	2,307.33	1,554.12	753.21	3.063		
20,000.00	6,840.00	19,887.01	6,840.00	380.40	379.06	-90.02	-788.26	-14,822.25	2,307.29	1,548.67	758.62	3.041		
20,100.00	6,840.00	19,987.01	6,840.00	383.11	381.77	-90.02	-787.79	-14,922.25	2,307.26	1,543.22	764.04	3.020		
20,200.00	6,840.00	20,087.01	6,840.00	385.81	384.48	-90.02	-787.32	-15,022.25	2,307.23	1,537.77	769.46	2.999		
20,300.00	6,840.00	20,187.01	6,840.00	388.51	387.19	-90.02	-786.85	-15,122.25	2,307.19	1,532.32	774.87	2.978		
20,400.00	6,840.00	20,287.01	6,840.00	391.22	389.89	-90.02	-786.38	-15,222.25	2,307.16	1,526.87	780.29	2.957		
20,500.00	6,840.00	20,387.01	6,840.00	393.92	392.60	-90.02	-785.91	-15,322.25	2,307.12	1,521.42	785.71	2.936		
20,529.28	6,840.00	20,416.29	6,840.00	394.71	393.39	-90.02	-785.77	-15,351.53	2,307.11	1,519.82	787.29	2.930		
20,539.70	6,840.00	20,415.30	6,840.00	394.99	393.37	-90.02	-785.77	-15,350.54	2,307.14	1,519.66	787.48	2.930 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-13 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.91	-179.97	-0.28	179.97					
100.00	100.00	101.00	99.00	0.13	0.14	-179.91	-179.97	-0.28	179.97	179.69	0.27	660.576		
200.00	200.00	201.00	199.00	0.49	0.50	-179.91	-179.97	-0.28	179.97	178.98	0.99	181.898		
300.00	300.00	301.00	299.00	0.85	0.85	-179.91	-179.97	-0.28	179.97	178.26	1.71	105.470		
400.00	400.00	401.00	399.00	1.21	1.21	-179.91	-179.97	-0.28	179.97	177.54	2.42	74.266		
500.00	500.00	499.00	499.00	1.57	1.56	-179.91	-179.97	-0.28	179.97	176.83	3.13	57.441	CC, ES	
600.00	599.98	596.33	596.31	1.92	1.90	-125.25	-180.67	-1.74	181.70	177.87	3.83	47.478		
700.00	699.84	693.46	693.31	2.28	2.24	-125.08	-182.81	-6.16	186.93	182.41	4.52	41.367		
800.00	799.45	790.24	789.74	2.65	2.58	-124.81	-186.36	-13.50	195.64	190.42	5.23	37.436		
900.00	898.70	886.50	885.33	3.02	2.94	-124.46	-191.29	-23.72	207.81	201.86	5.95	34.907		
1,000.00	997.47	982.08	979.81	3.42	3.32	-124.04	-197.58	-36.71	223.41	216.70	6.71	33.311		
1,100.00	1,095.62	1,076.82	1,072.93	3.84	3.71	-123.58	-205.15	-52.39	242.38	234.89	7.49	32.350		
1,200.00	1,193.06	1,170.58	1,164.47	4.30	4.14	-123.08	-213.96	-70.62	264.69	256.37	8.32	31.824		
1,300.00	1,289.64	1,263.21	1,254.22	4.79	4.59	-122.56	-223.95	-91.27	290.27	281.08	9.19	31.598		
1,400.00	1,385.27	1,354.60	1,341.98	5.33	5.07	-122.02	-235.03	-114.20	319.04	308.94	10.11	31.569		
1,500.00	1,479.82	1,444.63	1,427.61	5.92	5.58	-121.47	-247.13	-139.23	350.95	339.87	11.08	31.672		
1,600.00	1,573.17	1,533.20	1,510.95	6.56	6.12	-120.90	-260.17	-166.22	385.89	373.78	12.11	31.863		
1,700.00	1,665.22	1,622.84	1,594.42	7.26	6.71	-120.44	-274.38	-195.61	423.64	410.41	13.23	32.025		
1,800.00	1,756.74	1,715.07	1,680.17	7.99	7.34	-120.68	-289.17	-226.21	462.23	447.81	14.42	32.062		
1,900.00	1,848.26	1,807.31	1,765.93	8.75	7.98	-120.88	-303.95	-256.80	500.83	485.19	15.63	32.039		
2,000.00	1,939.78	1,900.45	1,851.68	9.51	8.64	-121.06	-318.74	-287.39	539.43	522.55	16.87	31.967		
2,100.00	2,031.30	2,008.21	1,937.43	10.29	9.41	-121.21	-333.52	-317.98	578.03	559.80	18.23	31.705		
2,200.00	2,122.82	2,084.03	2,023.18	11.07	9.96	-121.34	-348.31	-348.57	616.64	597.25	19.39	31.804		
2,300.00	2,214.34	2,176.27	2,108.93	11.86	10.63	-121.46	-363.10	-379.17	655.25	634.58	20.67	31.706		
2,400.00	2,305.85	2,268.50	2,194.69	12.66	11.31	-121.56	-377.88	-409.76	693.86	671.90	21.95	31.606		
2,500.00	2,397.37	2,360.74	2,280.44	13.46	11.99	-121.65	-392.67	-440.35	732.47	709.22	23.25	31.508		
2,600.00	2,488.89	2,452.98	2,366.19	14.26	12.67	-121.74	-407.46	-470.94	771.08	746.54	24.55	31.411		
2,700.00	2,580.41	2,545.22	2,451.94	15.07	13.36	-121.81	-422.24	-501.53	809.70	783.84	25.85	31.318		
2,800.00	2,671.93	2,637.46	2,537.69	15.88	14.05	-121.88	-437.03	-532.13	848.32	821.15	27.16	31.229		
2,900.00	2,763.45	2,729.70	2,623.45	16.69	14.74	-121.95	-451.81	-562.72	886.93	858.45	28.48	31.144		
3,000.00	2,854.97	2,821.93	2,709.20	17.51	15.43	-122.00	-466.60	-593.31	925.55	895.75	29.80	31.062		
3,100.00	2,946.49	2,914.17	2,794.95	18.32	16.12	-122.06	-481.39	-623.90	964.17	933.05	31.12	30.985		
3,200.00	3,038.00	3,006.41	2,880.70	19.14	16.81	-122.10	-496.17	-654.49	1,002.79	970.35	32.44	30.911		
3,300.00	3,129.52	3,101.35	2,966.45	19.96	17.53	-122.15	-510.96	-685.09	1,041.41	1,007.62	33.79	30.823		
3,400.00	3,221.04	3,190.89	3,052.21	20.77	18.20	-122.19	-525.75	-715.68	1,080.03	1,044.94	35.10	30.774		
3,500.00	3,312.56	3,283.13	3,137.96	21.59	18.90	-122.23	-540.53	-746.27	1,118.65	1,082.23	36.43	30.711		
3,600.00	3,404.08	3,375.36	3,223.71	22.42	19.60	-122.27	-555.32	-776.86	1,157.27	1,119.52	37.76	30.651		
3,700.00	3,495.60	3,467.60	3,309.46	23.24	20.30	-122.30	-570.10	-807.45	1,195.90	1,156.81	39.09	30.593		
3,800.00	3,587.12	3,559.84	3,395.21	24.06	20.99	-122.33	-584.89	-838.05	1,234.52	1,194.09	40.42	30.539		
3,900.00	3,678.63	3,652.08	3,480.97	24.88	21.69	-122.36	-599.68	-868.64	1,273.14	1,231.38	41.76	30.487		
4,000.00	3,770.15	3,744.32	3,566.72	25.71	22.39	-122.39	-614.46	-899.23	1,311.76	1,268.67	43.10	30.437		
4,100.00	3,861.67	3,836.56	3,652.47	26.53	23.09	-122.42	-629.25	-929.82	1,350.39	1,305.95	44.44	30.390		
4,200.00	3,953.19	3,928.79	3,738.22	27.35	23.79	-122.44	-644.04	-960.41	1,389.01	1,343.24	45.77	30.345		
4,300.00	4,044.71	4,021.03	3,823.98	28.18	24.49	-122.47	-658.82	-991.01	1,427.63	1,380.52	47.11	30.302		
4,400.00	4,136.23	4,113.27	3,909.73	29.01	25.20	-122.49	-673.61	-1,021.60	1,466.26	1,417.80	48.45	30.260		
4,500.00	4,227.75	4,205.51	3,995.48	29.83	25.90	-122.51	-688.39	-1,052.19	1,504.88	1,455.09	49.80	30.221		
4,600.00	4,319.27	4,302.25	4,081.23	30.66	26.63	-122.53	-703.18	-1,082.78	1,543.51	1,492.34	51.17	30.164		
4,700.00	4,410.78	4,389.99	4,166.98	31.48	27.30	-122.55	-717.97	-1,113.38	1,582.13	1,529.65	52.48	30.147		
4,800.00	4,502.30	4,482.23	4,252.74	32.31	28.00	-122.57	-732.75	-1,143.97	1,620.76	1,566.93	53.82	30.112		
4,900.00	4,593.82	4,574.46	4,338.49	33.14	28.71	-122.59	-747.54	-1,174.56	1,659.38	1,604.21	55.17	30.079		
5,000.00	4,685.34	4,666.70	4,424.24	33.96	29.41	-122.60	-762.33	-1,205.15	1,698.01	1,641.49	56.51	30.047		
5,100.00	4,776.86	4,758.94	4,509.99	34.79	30.11	-122.62	-777.11	-1,235.74	1,736.63	1,678.77	57.86	30.016		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-13 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,851.18	4,595.74	35.62	30.82	-122.63	-791.90	-1,266.34	1,775.26	1,716.05	59.20	29.986		
5,300.00	4,959.90	4,943.42	4,681.50	36.45	31.52	-122.65	-806.68	-1,296.93	1,813.88	1,753.33	60.55	29.958		
5,400.00	5,051.41	5,035.66	4,767.25	37.27	32.22	-122.66	-821.47	-1,327.52	1,852.51	1,790.61	61.89	29.930		
5,500.00	5,142.93	5,127.89	4,853.00	38.10	32.93	-122.68	-836.26	-1,358.11	1,891.13	1,827.89	63.24	29.904		
5,600.00	5,234.45	5,220.13	4,938.75	38.93	33.63	-122.69	-851.04	-1,388.70	1,929.76	1,865.17	64.59	29.878		
5,700.00	5,325.97	5,312.37	5,024.50	39.76	34.33	-122.70	-865.83	-1,419.30	1,968.38	1,902.45	65.94	29.853		
5,800.00	5,417.49	5,404.61	5,110.26	40.59	35.04	-122.71	-880.62	-1,449.89	2,007.01	1,939.72	67.28	29.829		
5,900.00	5,509.01	5,503.15	5,196.01	41.42	35.79	-122.73	-895.40	-1,480.48	2,045.63	1,976.96	68.68	29.787		
6,000.00	5,600.53	5,589.09	5,281.76	42.25	36.45	-122.74	-910.19	-1,511.07	2,084.26	2,014.28	69.98	29.784		
6,100.00	5,692.04	5,681.32	5,367.51	43.07	37.15	-122.75	-924.98	-1,541.66	2,122.88	2,051.56	71.33	29.762		
6,200.00	5,783.56	5,773.56	5,453.26	43.90	37.86	-122.76	-939.76	-1,572.26	2,161.51	2,088.83	72.68	29.741		
6,300.00	5,875.08	5,865.80	5,539.02	44.73	38.56	-122.77	-954.55	-1,602.85	2,200.14	2,126.11	74.03	29.721		
6,400.00	5,966.60	5,958.04	5,624.77	45.56	39.27	-122.78	-969.33	-1,633.44	2,238.76	2,163.39	75.38	29.701		
6,500.00	6,058.12	6,050.28	5,710.52	46.39	39.97	-122.79	-984.12	-1,664.03	2,277.39	2,200.66	76.73	29.682		
6,600.00	6,149.64	6,142.52	5,796.27	47.22	40.68	-122.80	-998.91	-1,694.62	2,316.01	2,237.94	78.08	29.664		
6,700.00	6,241.16	6,234.75	5,882.02	48.05	41.38	-122.80	-1,013.69	-1,725.22	2,354.64	2,275.21	79.43	29.646		
6,800.00	6,332.68	6,326.99	5,967.78	48.88	42.09	-122.81	-1,028.48	-1,755.81	2,393.27	2,312.49	80.78	29.628		
6,900.00	6,424.19	6,419.23	6,053.53	49.71	42.79	-122.82	-1,043.27	-1,786.40	2,431.89	2,349.76	82.13	29.611		
7,000.00	6,514.88	6,511.47	6,139.28	50.58	43.50	-114.60	-1,058.05	-1,816.99	2,470.31	2,386.80	83.51	29.580		
7,100.00	6,599.14	6,602.63	6,224.03	51.67	44.19	-103.81	-1,072.66	-1,847.23	2,507.00	2,421.89	85.11	29.456		
7,200.00	6,673.85	6,709.96	6,305.30	53.01	45.01	-96.80	-1,086.68	-1,876.22	2,541.08	2,454.02	87.05	29.190		
7,300.00	6,736.73	6,771.06	6,380.61	54.56	45.48	-92.03	-1,099.66	-1,903.09	2,572.14	2,483.27	88.86	28.945		
7,400.00	6,785.87	6,843.21	6,447.69	56.29	46.03	-88.72	-1,111.23	-1,927.02	2,600.07	2,509.18	90.89	28.607		
7,500.00	6,819.79	7,006.75	6,592.03	58.13	47.57	-88.01	-1,136.02	-1,998.60	2,624.06	2,529.37	94.69	27.711		
7,600.00	6,837.44	7,337.14	6,795.68	60.02	52.58	-89.59	-1,170.28	-2,250.63	2,639.61	2,536.47	103.14	25.592		
7,700.00	6,840.00	7,616.58	6,840.00	61.90	57.91	-90.02	-1,176.70	-2,524.10	2,641.92	2,530.45	111.46	23.702		
7,800.00	6,840.00	7,716.58	6,840.00	63.83	59.90	-90.02	-1,176.22	-2,624.10	2,641.88	2,526.18	115.70	22.835		
7,900.00	6,840.00	7,816.58	6,840.00	65.81	61.95	-90.02	-1,175.74	-2,724.10	2,641.84	2,521.81	120.02	22.011		
8,000.00	6,840.00	7,916.58	6,840.00	67.84	64.04	-90.02	-1,175.26	-2,824.10	2,641.80	2,517.36	124.44	21.229		
8,100.00	6,840.00	8,016.58	6,840.00	69.91	66.18	-90.02	-1,174.79	-2,924.10	2,641.76	2,512.82	128.93	20.489		
8,200.00	6,840.00	8,116.58	6,840.00	72.03	68.36	-90.02	-1,174.31	-3,024.10	2,641.72	2,508.22	133.50	19.788		
8,300.00	6,840.00	8,216.58	6,840.00	74.18	70.58	-90.02	-1,173.83	-3,124.09	2,641.68	2,503.55	138.13	19.125		
8,400.00	6,840.00	8,316.58	6,840.00	76.37	72.83	-90.02	-1,173.35	-3,224.09	2,641.64	2,498.82	142.81	18.497		
8,500.00	6,840.00	8,416.58	6,840.00	78.59	75.12	-90.02	-1,172.88	-3,324.09	2,641.60	2,494.05	147.55	17.903		
8,600.00	6,840.00	8,516.58	6,840.00	80.85	77.43	-90.02	-1,172.40	-3,424.09	2,641.56	2,489.22	152.33	17.340		
8,700.00	6,840.00	8,616.58	6,840.00	83.13	79.77	-90.02	-1,171.92	-3,524.09	2,641.52	2,484.36	157.16	16.808		
8,800.00	6,840.00	8,716.58	6,840.00	85.44	82.13	-90.02	-1,171.44	-3,624.09	2,641.48	2,479.45	162.03	16.303		
8,900.00	6,840.00	8,816.58	6,840.00	87.77	84.52	-90.02	-1,170.97	-3,724.09	2,641.44	2,474.51	166.93	15.824		
9,000.00	6,840.00	8,916.58	6,840.00	90.12	86.92	-90.02	-1,170.49	-3,824.09	2,641.40	2,469.54	171.86	15.369		
9,100.00	6,840.00	9,016.58	6,840.00	92.50	89.35	-90.02	-1,170.01	-3,924.08	2,641.36	2,464.53	176.82	14.938		
9,200.00	6,840.00	9,116.58	6,840.00	94.89	91.79	-90.02	-1,169.53	-4,024.08	2,641.32	2,459.50	181.82	14.527		
9,300.00	6,840.00	9,216.58	6,840.00	97.30	94.24	-90.02	-1,169.06	-4,124.08	2,641.28	2,454.45	186.83	14.137		
9,400.00	6,840.00	9,316.58	6,840.00	99.73	96.71	-90.02	-1,168.58	-4,224.08	2,641.24	2,449.37	191.87	13.766		
9,500.00	6,840.00	9,416.58	6,840.00	102.17	99.20	-90.02	-1,168.10	-4,324.08	2,641.20	2,444.27	196.93	13.412		
9,600.00	6,840.00	9,516.58	6,840.00	104.63	101.70	-90.02	-1,167.63	-4,424.08	2,641.16	2,439.15	202.01	13.074		
9,700.00	6,840.00	9,616.58	6,840.00	107.10	104.20	-90.02	-1,167.15	-4,524.08	2,641.12	2,434.01	207.11	12.752		
9,800.00	6,840.00	9,716.58	6,840.00	109.58	106.72	-90.02	-1,166.67	-4,624.08	2,641.08	2,428.86	212.22	12.445		
9,900.00	6,840.00	9,816.58	6,840.00	112.07	109.25	-90.02	-1,166.19	-4,724.08	2,641.04	2,423.69	217.35	12.151		
10,000.00	6,840.00	9,916.58	6,840.00	114.58	111.79	-90.02	-1,165.72	-4,824.07	2,641.00	2,418.50	222.50	11.870		
10,100.00	6,840.00	10,016.58	6,840.00	117.09	114.34	-90.02	-1,165.24	-4,924.07	2,640.96	2,413.30	227.66	11.601		
10,200.00	6,840.00	10,116.58	6,840.00	119.61	116.89	-90.02	-1,164.76	-5,024.07	2,640.92	2,408.09	232.83	11.343		
10,300.00	6,840.00	10,216.58	6,840.00	122.14	119.45	-90.02	-1,164.28	-5,124.07	2,640.88	2,402.87	238.01	11.095		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-13 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
10,400.00	6,840.00	10,316.58	6,840.00	124.68	122.02	-90.02	-1,163.81	-5,224.07	2,640.84	2,397.63	243.21	10.858		
10,500.00	6,840.00	10,416.58	6,840.00	127.23	124.60	-90.02	-1,163.33	-5,324.07	2,640.80	2,392.39	248.41	10.631		
10,600.00	6,840.00	10,516.58	6,840.00	129.78	127.18	-90.02	-1,162.85	-5,424.07	2,640.76	2,387.13	253.63	10.412		
10,700.00	6,840.00	10,616.58	6,840.00	132.35	129.77	-90.02	-1,162.37	-5,524.07	2,640.72	2,381.87	258.85	10.202		
10,800.00	6,840.00	10,716.58	6,840.00	134.91	132.36	-90.02	-1,161.90	-5,624.07	2,640.68	2,376.59	264.09	9.999		
10,900.00	6,840.00	10,816.58	6,840.00	137.49	134.96	-90.02	-1,161.42	-5,724.06	2,640.64	2,371.31	269.33	9.805		
11,000.00	6,840.00	10,916.58	6,840.00	140.07	137.56	-90.02	-1,160.94	-5,824.06	2,640.60	2,366.02	274.58	9.617		
11,100.00	6,840.00	11,016.58	6,840.00	142.65	140.17	-90.02	-1,160.47	-5,924.06	2,640.56	2,360.73	279.83	9.436		
11,200.00	6,840.00	11,116.58	6,840.00	145.24	142.78	-90.02	-1,159.99	-6,024.06	2,640.52	2,355.42	285.10	9.262		
11,300.00	6,840.00	11,216.58	6,840.00	147.83	145.40	-90.02	-1,159.51	-6,124.06	2,640.48	2,350.11	290.37	9.094		
11,400.00	6,840.00	11,316.58	6,840.00	150.43	148.01	-90.02	-1,159.03	-6,224.06	2,640.44	2,344.80	295.64	8.931		
11,500.00	6,840.00	11,416.58	6,840.00	153.04	150.64	-90.02	-1,158.56	-6,324.06	2,640.40	2,339.48	300.92	8.774		
11,600.00	6,840.00	11,516.58	6,840.00	155.64	153.26	-90.02	-1,158.08	-6,424.06	2,640.36	2,334.15	306.21	8.623		
11,700.00	6,840.00	11,616.58	6,840.00	158.26	155.89	-90.02	-1,157.60	-6,524.05	2,640.32	2,328.82	311.50	8.476		
11,800.00	6,840.00	11,716.58	6,840.00	160.87	158.53	-90.02	-1,157.12	-6,624.05	2,640.28	2,323.48	316.80	8.334		
11,900.00	6,840.00	11,816.58	6,840.00	163.49	161.16	-90.02	-1,156.65	-6,724.05	2,640.24	2,318.14	322.10	8.197		
12,000.00	6,840.00	11,916.58	6,840.00	166.11	163.80	-90.02	-1,156.17	-6,824.05	2,640.20	2,312.79	327.41	8.064		
12,100.00	6,840.00	12,016.58	6,840.00	168.74	166.44	-90.02	-1,155.69	-6,924.05	2,640.16	2,307.44	332.72	7.935		
12,200.00	6,840.00	12,116.58	6,840.00	171.37	169.09	-90.02	-1,155.21	-7,024.05	2,640.12	2,302.09	338.04	7.810		
12,300.00	6,840.00	12,216.58	6,840.00	174.00	171.73	-90.02	-1,154.74	-7,124.05	2,640.08	2,296.73	343.36	7.689		
12,400.00	6,840.00	12,316.58	6,840.00	176.63	174.38	-90.02	-1,154.26	-7,224.05	2,640.04	2,291.36	348.68	7.572		
12,500.00	6,840.00	12,416.58	6,840.00	179.27	177.03	-90.02	-1,153.78	-7,324.05	2,640.00	2,286.00	354.01	7.458		
12,600.00	6,840.00	12,516.58	6,840.00	181.91	179.69	-90.02	-1,153.30	-7,424.04	2,639.96	2,280.63	359.34	7.347		
12,700.00	6,840.00	12,616.58	6,840.00	184.55	182.34	-90.02	-1,152.83	-7,524.04	2,639.92	2,275.26	364.67	7.239		
12,800.00	6,840.00	12,716.58	6,840.00	187.19	185.00	-90.02	-1,152.35	-7,624.04	2,639.88	2,269.88	370.00	7.135		
12,900.00	6,840.00	12,816.58	6,840.00	189.84	187.66	-90.02	-1,151.87	-7,724.04	2,639.84	2,264.50	375.34	7.033		
13,000.00	6,840.00	12,916.58	6,840.00	192.48	190.32	-90.02	-1,151.40	-7,824.04	2,639.80	2,259.12	380.69	6.934		
13,100.00	6,840.00	13,016.58	6,840.00	195.13	192.98	-90.02	-1,150.92	-7,924.04	2,639.76	2,253.73	386.03	6.838		
13,200.00	6,840.00	13,116.58	6,840.00	197.79	195.65	-90.02	-1,150.44	-8,024.04	2,639.72	2,248.35	391.38	6.745		
13,300.00	6,840.00	13,216.58	6,840.00	200.44	198.31	-90.02	-1,149.96	-8,124.04	2,639.68	2,242.96	396.73	6.654		
13,400.00	6,840.00	13,316.58	6,840.00	203.10	200.98	-90.02	-1,149.49	-8,224.04	2,639.64	2,237.57	402.08	6.565		
13,500.00	6,840.00	13,416.58	6,840.00	205.75	203.65	-90.02	-1,149.01	-8,324.03	2,639.60	2,232.17	407.43	6.479		
13,600.00	6,840.00	13,516.58	6,840.00	208.41	206.32	-90.02	-1,148.53	-8,424.03	2,639.56	2,226.77	412.79	6.394		
13,700.00	6,840.00	13,616.58	6,840.00	211.07	208.99	-90.02	-1,148.05	-8,524.03	2,639.52	2,221.38	418.15	6.312		
13,800.00	6,840.00	13,716.58	6,840.00	213.74	211.66	-90.02	-1,147.58	-8,624.03	2,639.49	2,215.98	423.51	6.232		
13,900.00	6,840.00	13,816.58	6,840.00	216.40	214.33	-90.02	-1,147.10	-8,724.03	2,639.45	2,210.57	428.87	6.154		
14,000.00	6,840.00	13,916.58	6,840.00	219.06	217.01	-90.02	-1,146.62	-8,824.03	2,639.41	2,205.17	434.24	6.078		
14,100.00	6,840.00	14,016.58	6,840.00	221.73	219.68	-90.02	-1,146.14	-8,924.03	2,639.37	2,199.76	439.60	6.004		
14,200.00	6,840.00	14,116.58	6,840.00	224.40	222.36	-90.02	-1,145.67	-9,024.03	2,639.33	2,194.35	444.97	5.931		
14,300.00	6,840.00	14,216.58	6,840.00	227.07	225.04	-90.02	-1,145.19	-9,124.03	2,639.29	2,188.94	450.34	5.861		
14,400.00	6,840.00	14,316.58	6,840.00	229.74	227.72	-90.02	-1,144.71	-9,224.02	2,639.25	2,183.53	455.71	5.791		
14,500.00	6,840.00	14,416.58	6,840.00	232.41	230.40	-90.02	-1,144.23	-9,324.02	2,639.21	2,178.12	461.09	5.724		
14,600.00	6,840.00	14,516.58	6,840.00	235.08	233.08	-90.02	-1,143.76	-9,424.02	2,639.17	2,172.70	466.46	5.658		
14,700.00	6,840.00	14,616.58	6,840.00	237.75	235.76	-90.02	-1,143.28	-9,524.02	2,639.13	2,167.29	471.84	5.593		
14,800.00	6,840.00	14,716.58	6,840.00	240.43	238.44	-90.02	-1,142.80	-9,624.02	2,639.09	2,161.87	477.22	5.530		
14,900.00	6,840.00	14,816.58	6,840.00	243.10	241.13	-90.02	-1,142.33	-9,724.02	2,639.05	2,156.45	482.60	5.468		
15,000.00	6,840.00	14,916.58	6,840.00	245.78	243.81	-90.02	-1,141.85	-9,824.02	2,639.01	2,151.03	487.98	5.408		
15,100.00	6,840.00	15,016.58	6,840.00	248.46	246.49	-90.02	-1,141.37	-9,924.02	2,638.97	2,145.61	493.36	5.349		
15,200.00	6,840.00	15,116.58	6,840.00	251.14	249.18	-90.02	-1,140.89	-10,024.01	2,638.93	2,140.19	498.74	5.291		
15,300.00	6,840.00	15,216.58	6,840.00	253.82	251.87	-90.02	-1,140.42	-10,124.01	2,638.89	2,134.76	504.13	5.235		
15,400.00	6,840.00	15,316.58	6,840.00	256.50	254.55	-90.02	-1,139.94	-10,224.01	2,638.85	2,129.34	509.51	5.179		
15,500.00	6,840.00	15,416.58	6,840.00	259.18	257.24	-90.02	-1,139.46	-10,324.01	2,638.81	2,123.91	514.90	5.125		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-13 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,516.58	6,840.00	261.86	259.93	-90.02	-1,138.98	-10,424.01	2,638.77	2,118.48	520.29	5.072		
15,700.00	6,840.00	15,616.58	6,840.00	264.54	262.62	-90.02	-1,138.51	-10,524.01	2,638.73	2,113.05	525.67	5.020		
15,800.00	6,840.00	15,716.58	6,840.00	267.23	265.31	-90.02	-1,138.03	-10,624.01	2,638.69	2,107.62	531.06	4.969		
15,900.00	6,840.00	15,816.58	6,840.00	269.91	268.00	-90.02	-1,137.55	-10,724.01	2,638.65	2,102.19	536.45	4.919		
16,000.00	6,840.00	15,916.58	6,840.00	272.59	270.69	-90.02	-1,137.07	-10,824.01	2,638.61	2,096.76	541.85	4.870		
16,100.00	6,840.00	16,016.58	6,840.00	275.28	273.38	-90.02	-1,136.60	-10,924.00	2,638.57	2,091.33	547.24	4.822		
16,200.00	6,840.00	16,116.58	6,840.00	277.97	276.08	-90.02	-1,136.12	-11,024.00	2,638.53	2,085.90	552.63	4.774		
16,300.00	6,840.00	16,216.58	6,840.00	280.65	278.77	-90.02	-1,135.64	-11,124.00	2,638.49	2,080.46	558.03	4.728		
16,400.00	6,840.00	16,316.58	6,840.00	283.34	281.46	-90.02	-1,135.17	-11,224.00	2,638.45	2,075.03	563.42	4.683		
16,500.00	6,840.00	16,416.58	6,840.00	286.03	284.16	-90.02	-1,134.69	-11,324.00	2,638.41	2,069.59	568.82	4.638		
16,600.00	6,840.00	16,516.58	6,840.00	288.72	286.85	-90.02	-1,134.21	-11,424.00	2,638.37	2,064.15	574.22	4.595		
16,700.00	6,840.00	16,616.58	6,840.00	291.41	289.55	-90.02	-1,133.73	-11,524.00	2,638.33	2,058.72	579.61	4.552		
16,800.00	6,840.00	16,716.58	6,840.00	294.10	292.24	-90.02	-1,133.26	-11,624.00	2,638.29	2,053.28	585.01	4.510		
16,900.00	6,840.00	16,816.58	6,840.00	296.79	294.94	-90.02	-1,132.78	-11,724.00	2,638.25	2,047.84	590.41	4.468		
17,000.00	6,840.00	16,916.58	6,840.00	299.48	297.63	-90.02	-1,132.30	-11,823.99	2,638.21	2,042.40	595.81	4.428		
17,100.00	6,840.00	17,016.58	6,840.00	302.17	300.33	-90.02	-1,131.82	-11,923.99	2,638.17	2,036.96	601.21	4.388		
17,200.00	6,840.00	17,116.58	6,840.00	304.86	303.03	-90.02	-1,131.35	-12,023.99	2,638.13	2,031.52	606.61	4.349		
17,300.00	6,840.00	17,216.58	6,840.00	307.56	305.72	-90.02	-1,130.87	-12,123.99	2,638.09	2,026.07	612.02	4.310		
17,400.00	6,840.00	17,316.58	6,840.00	310.25	308.42	-90.02	-1,130.39	-12,223.99	2,638.05	2,020.63	617.42	4.273		
17,500.00	6,840.00	17,416.58	6,840.00	312.94	311.12	-90.02	-1,129.91	-12,323.99	2,638.01	2,015.19	622.82	4.236		
17,600.00	6,840.00	17,516.58	6,840.00	315.64	313.82	-90.02	-1,129.44	-12,423.99	2,637.97	2,009.74	628.23	4.199		
17,700.00	6,840.00	17,616.58	6,840.00	318.33	316.52	-90.02	-1,128.96	-12,523.99	2,637.93	2,004.30	633.63	4.163		
17,800.00	6,840.00	17,716.58	6,840.00	321.03	319.22	-90.02	-1,128.48	-12,623.99	2,637.89	1,998.85	639.04	4.128		
17,900.00	6,840.00	17,816.58	6,840.00	323.72	321.92	-90.02	-1,128.00	-12,723.98	2,637.85	1,993.41	644.44	4.093		
18,000.00	6,840.00	17,916.58	6,840.00	326.42	324.62	-90.02	-1,127.53	-12,823.98	2,637.81	1,987.96	649.85	4.059		
18,100.00	6,840.00	18,016.58	6,840.00	329.11	327.32	-90.02	-1,127.05	-12,923.98	2,637.77	1,982.51	655.26	4.026		
18,200.00	6,840.00	18,116.58	6,840.00	331.81	330.02	-90.02	-1,126.57	-13,023.98	2,637.73	1,977.07	660.66	3.993		
18,300.00	6,840.00	18,216.58	6,840.00	334.51	332.72	-90.02	-1,126.10	-13,123.98	2,637.69	1,971.62	666.07	3.960		
18,400.00	6,840.00	18,316.58	6,840.00	337.20	335.42	-90.02	-1,125.62	-13,223.98	2,637.65	1,966.17	671.48	3.928		
18,500.00	6,840.00	18,416.58	6,840.00	339.90	338.12	-90.02	-1,125.14	-13,323.98	2,637.61	1,960.72	676.89	3.897		
18,600.00	6,840.00	18,516.58	6,840.00	342.60	340.82	-90.02	-1,124.66	-13,423.98	2,637.57	1,955.27	682.30	3.866		
18,700.00	6,840.00	18,616.58	6,840.00	345.30	343.53	-90.02	-1,124.19	-13,523.97	2,637.53	1,949.82	687.71	3.835		
18,800.00	6,840.00	18,716.58	6,840.00	348.00	346.23	-90.02	-1,123.71	-13,623.97	2,637.49	1,944.37	693.12	3.805		
18,900.00	6,840.00	18,816.58	6,840.00	350.70	348.93	-90.02	-1,123.23	-13,723.97	2,637.45	1,938.92	698.53	3.776		
19,000.00	6,840.00	18,916.58	6,840.00	353.39	351.64	-90.02	-1,122.75	-13,823.97	2,637.41	1,933.47	703.94	3.747		
19,100.00	6,840.00	19,016.58	6,840.00	356.09	354.34	-90.02	-1,122.28	-13,923.97	2,637.37	1,928.02	709.35	3.718		
19,200.00	6,840.00	19,116.58	6,840.00	358.79	357.04	-90.02	-1,121.80	-14,023.97	2,637.33	1,922.57	714.77	3.690		
19,300.00	6,840.00	19,216.58	6,840.00	361.49	359.75	-90.02	-1,121.32	-14,123.97	2,637.29	1,917.11	720.18	3.662		
19,400.00	6,840.00	19,316.58	6,840.00	364.20	362.45	-90.02	-1,120.84	-14,223.97	2,637.25	1,911.66	725.59	3.635		
19,500.00	6,840.00	19,416.58	6,840.00	366.90	365.15	-90.02	-1,120.37	-14,323.97	2,637.21	1,906.21	731.01	3.608		
19,600.00	6,840.00	19,516.58	6,840.00	369.60	367.86	-90.02	-1,119.89	-14,423.96	2,637.17	1,900.75	736.42	3.581		
19,700.00	6,840.00	19,616.58	6,840.00	372.30	370.56	-90.02	-1,119.41	-14,523.96	2,637.13	1,895.30	741.83	3.555		
19,800.00	6,840.00	19,716.58	6,840.00	375.00	373.27	-90.02	-1,118.94	-14,623.96	2,637.09	1,889.85	747.25	3.529		
19,900.00	6,840.00	19,816.58	6,840.00	377.70	375.97	-90.02	-1,118.46	-14,723.96	2,637.05	1,884.39	752.66	3.504		
20,000.00	6,840.00	19,916.58	6,840.00	380.40	378.68	-90.02	-1,117.98	-14,823.96	2,637.01	1,878.94	758.08	3.479		
20,100.00	6,840.00	20,016.58	6,840.00	383.11	381.38	-90.02	-1,117.50	-14,923.96	2,636.97	1,873.48	763.49	3.454		
20,200.00	6,840.00	20,116.58	6,840.00	385.81	384.09	-90.02	-1,117.03	-15,023.96	2,636.93	1,868.02	768.91	3.429		
20,300.00	6,840.00	20,216.58	6,840.00	388.51	386.80	-90.02	-1,116.55	-15,123.96	2,636.89	1,862.57	774.33	3.405		
20,400.00	6,840.00	20,316.58	6,840.00	391.22	389.50	-90.02	-1,116.07	-15,223.96	2,636.85	1,857.11	779.74	3.382		
20,500.00	6,840.00	20,416.58	6,840.00	393.92	392.21	-90.02	-1,115.59	-15,323.95	2,636.82	1,851.65	785.16	3.358		
20,530.51	6,840.00	20,447.10	6,840.00	394.74	393.03	-90.02	-1,115.45	-15,354.47	2,636.80	1,849.99	786.81	3.351		
20,539.70	6,840.00	20,442.82	6,840.00	394.99	392.92	-90.02	-1,115.47	-15,350.19	2,636.83	1,849.93	786.90	3.351	SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.92	-201.82	-0.28	201.82					
100.00	100.00	101.00	99.00	0.13	0.14	-179.92	-201.82	-0.28	201.82	201.55	0.27	740.807		
200.00	200.00	201.00	199.00	0.49	0.50	-179.92	-201.82	-0.28	201.82	200.84	0.99	203.991		
300.00	300.00	301.00	299.00	0.85	0.85	-179.92	-201.82	-0.28	201.82	200.12	1.71	118.280		
400.00	400.00	399.00	399.00	1.21	1.21	-179.92	-201.82	-0.28	201.82	199.41	2.42	83.533 CC, ES		
500.00	500.00	495.36	495.34	1.57	1.54	-179.54	-202.67	-1.62	202.71	199.60	3.11	65.204		
600.00	599.98	591.50	591.35	1.92	1.87	-124.13	-205.25	-5.68	206.44	202.65	3.80	54.384		
700.00	699.84	687.25	686.77	2.28	2.21	-123.33	-209.52	-12.44	214.01	209.52	4.49	47.626		
800.00	799.45	782.43	781.30	2.65	2.57	-122.56	-215.46	-21.82	225.38	220.17	5.21	43.287		
900.00	898.70	876.85	874.65	3.02	2.95	-121.85	-223.00	-33.73	240.51	234.57	5.94	40.495		
1,000.00	997.47	970.31	966.55	3.42	3.34	-121.20	-232.09	-48.09	259.33	252.64	6.70	38.726		
1,100.00	1,095.62	1,062.66	1,056.76	3.84	3.77	-120.60	-242.63	-64.75	281.78	274.30	7.48	37.651		
1,200.00	1,193.06	1,153.72	1,145.05	4.30	4.21	-120.06	-254.55	-83.57	307.78	299.47	8.31	37.050		
1,300.00	1,289.64	1,243.36	1,231.23	4.79	4.69	-119.56	-267.74	-104.41	337.23	328.06	9.17	36.779		
1,400.00	1,385.27	1,331.44	1,315.12	5.33	5.19	-119.08	-282.10	-127.10	370.05	359.97	10.08	36.725		
1,500.00	1,479.82	1,417.86	1,396.58	5.92	5.72	-118.61	-297.53	-151.46	406.14	395.11	11.03	36.819		
1,600.00	1,573.17	1,502.52	1,475.50	6.56	6.28	-118.13	-313.90	-177.33	445.39	433.36	12.03	37.013		
1,700.00	1,665.22	1,609.31	1,556.95	7.26	7.03	-117.83	-331.96	-205.87	487.36	474.10	13.26	36.744		
1,800.00	1,756.74	1,681.05	1,640.37	7.99	7.55	-118.31	-350.54	-235.21	530.02	515.70	14.32	37.004		
1,900.00	1,848.26	1,771.41	1,723.78	8.75	8.21	-118.73	-369.12	-264.56	572.71	557.19	15.52	36.895		
2,000.00	1,939.78	1,861.77	1,807.20	9.51	8.88	-119.08	-387.70	-293.91	615.42	598.68	16.74	36.762		
2,100.00	2,031.30	1,952.12	1,890.62	10.29	9.55	-119.39	-406.28	-323.26	658.14	640.17	17.97	36.618		
2,200.00	2,122.82	2,042.48	1,974.03	11.07	10.23	-119.67	-424.86	-352.61	700.88	681.66	19.22	36.470		
2,300.00	2,214.34	2,132.84	2,057.45	11.86	10.92	-119.91	-443.43	-381.96	743.63	723.16	20.47	36.323		
2,400.00	2,305.85	2,223.20	2,140.87	12.66	11.61	-120.12	-462.01	-411.31	786.39	764.66	21.74	36.181		
2,500.00	2,397.37	2,313.56	2,224.28	13.46	12.30	-120.32	-480.59	-440.65	829.16	806.15	23.00	36.043		
2,600.00	2,488.89	2,403.92	2,307.70	14.26	12.99	-120.49	-499.17	-470.00	871.93	847.65	24.28	35.912		
2,700.00	2,580.41	2,505.72	2,391.12	15.07	13.77	-120.65	-517.75	-499.35	914.72	889.08	25.64	35.678		
2,800.00	2,671.93	2,584.64	2,474.53	15.88	14.38	-120.79	-536.33	-528.70	957.50	930.66	26.84	35.670		
2,900.00	2,763.45	2,675.00	2,557.95	16.69	15.08	-120.92	-554.90	-558.05	1,000.29	972.16	28.13	35.558		
3,000.00	2,854.97	2,765.36	2,641.36	17.51	15.78	-121.04	-573.48	-587.40	1,043.09	1,013.67	29.42	35.453		
3,100.00	2,946.49	2,855.72	2,724.78	18.32	16.48	-121.16	-592.06	-616.75	1,085.89	1,055.17	30.72	35.353		
3,200.00	3,038.00	2,946.08	2,808.20	19.14	17.19	-121.26	-610.64	-646.09	1,128.69	1,096.68	32.01	35.259		
3,300.00	3,129.52	3,036.44	2,891.61	19.96	17.89	-121.35	-629.22	-675.44	1,171.49	1,138.18	33.31	35.170		
3,400.00	3,221.04	3,126.80	2,975.03	20.77	18.59	-121.44	-647.80	-704.79	1,214.30	1,179.69	34.61	35.086		
3,500.00	3,312.56	3,217.16	3,058.45	21.59	19.30	-121.52	-666.37	-734.14	1,257.11	1,221.20	35.91	35.007		
3,600.00	3,404.08	3,307.52	3,141.86	22.42	20.00	-121.60	-684.95	-763.49	1,299.92	1,262.70	37.21	34.931		
3,700.00	3,495.60	3,402.13	3,225.28	23.24	20.74	-121.67	-703.53	-792.84	1,342.73	1,304.18	38.55	34.833		
3,800.00	3,587.12	3,488.23	3,308.70	24.06	21.42	-121.74	-722.11	-822.19	1,385.54	1,345.72	39.82	34.792		
3,900.00	3,678.63	3,578.59	3,392.11	24.88	22.12	-121.81	-740.69	-851.53	1,428.36	1,387.23	41.13	34.727		
4,000.00	3,770.15	3,668.95	3,475.53	25.71	22.83	-121.87	-759.26	-880.88	1,471.18	1,428.74	42.44	34.666		
4,100.00	3,861.67	3,759.31	3,558.95	26.53	23.54	-121.92	-777.84	-910.23	1,514.00	1,470.25	43.75	34.608		
4,200.00	3,953.19	3,849.67	3,642.36	27.35	24.25	-121.98	-796.42	-939.58	1,556.82	1,511.76	45.06	34.552		
4,300.00	4,044.71	3,940.03	3,725.78	28.18	24.96	-122.03	-815.00	-968.93	1,599.64	1,553.27	46.37	34.499		
4,400.00	4,136.23	4,030.39	3,809.20	29.01	25.66	-122.07	-833.58	-998.28	1,642.46	1,594.78	47.68	34.448		
4,500.00	4,227.75	4,120.75	3,892.61	29.83	26.37	-122.12	-852.16	-1,027.63	1,685.28	1,636.29	48.99	34.400		
4,600.00	4,319.27	4,211.11	3,976.03	30.66	27.08	-122.16	-870.73	-1,056.97	1,728.10	1,677.80	50.30	34.354		
4,700.00	4,410.78	4,301.47	4,059.45	31.48	27.79	-122.20	-889.31	-1,086.32	1,770.93	1,719.31	51.62	34.309		
4,800.00	4,502.30	4,408.17	4,142.86	32.31	28.63	-122.24	-907.89	-1,115.67	1,813.75	1,760.71	53.05	34.192		
4,900.00	4,593.82	4,482.19	4,226.28	33.14	29.21	-122.28	-926.47	-1,145.02	1,856.58	1,802.33	54.24	34.226		
5,000.00	4,685.34	4,572.55	4,309.70	33.96	29.92	-122.32	-945.05	-1,174.37	1,899.40	1,843.84	55.56	34.187		
5,100.00	4,776.86	4,662.91	4,393.11	34.79	30.63	-122.35	-963.63	-1,203.72	1,942.23	1,885.36	56.87	34.150		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,753.27	4,476.53	35.62	31.34	-122.38	-982.20	-1,233.07	1,985.06	1,926.87	58.19	34.113		
5,300.00	4,959.90	4,843.62	4,559.95	36.45	32.05	-122.41	-1,000.78	-1,262.41	2,027.88	1,968.38	59.51	34.079		
5,400.00	5,051.41	4,933.98	4,643.36	37.27	32.76	-122.44	-1,019.36	-1,291.76	2,070.71	2,009.89	60.82	34.045		
5,500.00	5,142.93	5,024.34	4,726.78	38.10	33.47	-122.47	-1,037.94	-1,321.11	2,113.54	2,051.40	62.14	34.013		
5,600.00	5,234.45	5,114.70	4,810.20	38.93	34.19	-122.50	-1,056.52	-1,350.46	2,156.37	2,092.91	63.46	33.982		
5,700.00	5,325.97	5,205.06	4,893.61	39.76	34.90	-122.53	-1,075.09	-1,379.81	2,199.20	2,134.42	64.77	33.952		
5,800.00	5,417.49	5,304.58	4,977.03	40.59	35.68	-122.55	-1,093.67	-1,409.16	2,242.03	2,175.87	66.16	33.889		
5,900.00	5,509.01	5,385.78	5,060.45	41.42	36.32	-122.58	-1,112.25	-1,438.51	2,284.86	2,217.45	67.41	33.895		
6,000.00	5,600.53	5,476.14	5,143.86	42.25	37.03	-122.60	-1,130.83	-1,467.85	2,327.69	2,258.96	68.73	33.868		
6,100.00	5,692.04	5,566.50	5,227.28	43.07	37.74	-122.62	-1,149.41	-1,497.20	2,370.52	2,300.47	70.05	33.841		
6,200.00	5,783.56	5,656.86	5,310.70	43.90	38.45	-122.65	-1,167.99	-1,526.55	2,413.35	2,341.98	71.37	33.816		
6,300.00	5,875.08	5,747.22	5,394.11	44.73	39.16	-122.67	-1,186.56	-1,555.90	2,456.18	2,383.50	72.69	33.791		
6,400.00	5,966.60	5,837.58	5,477.53	45.56	39.88	-122.69	-1,205.14	-1,585.25	2,499.01	2,425.01	74.01	33.768		
6,500.00	6,058.12	5,927.94	5,560.95	46.39	40.59	-122.71	-1,223.72	-1,614.60	2,541.85	2,466.52	75.33	33.744		
6,600.00	6,149.64	6,018.30	5,644.36	47.22	41.30	-122.73	-1,242.30	-1,643.95	2,584.68	2,508.03	76.65	33.722		
6,700.00	6,241.16	6,108.66	5,727.78	48.05	42.01	-122.75	-1,260.88	-1,673.29	2,627.51	2,549.54	77.97	33.700		
6,800.00	6,332.68	6,200.98	5,811.20	48.88	42.74	-122.76	-1,279.46	-1,702.64	2,670.34	2,591.04	79.30	33.673		
6,900.00	6,424.19	6,289.38	5,894.61	49.71	43.44	-122.78	-1,298.03	-1,731.99	2,713.17	2,632.57	80.61	33.658		
7,000.00	6,514.88	6,379.73	5,978.03	50.58	44.15	-114.28	-1,316.61	-1,761.34	2,755.80	2,673.83	81.97	33.621		
7,100.00	6,599.14	6,469.03	6,060.46	51.67	44.85	-102.94	-1,334.97	-1,790.34	2,796.63	2,713.08	83.55	33.472		
7,200.00	6,673.85	6,554.65	6,139.51	53.01	45.53	-95.41	-1,352.58	-1,818.15	2,834.65	2,749.29	85.36	33.209		
7,300.00	6,736.73	6,634.00	6,212.75	54.56	46.15	-90.17	-1,368.89	-1,843.92	2,869.26	2,781.92	87.34	32.852		
7,400.00	6,785.87	6,704.66	6,277.98	56.29	46.71	-86.46	-1,383.42	-1,866.87	2,900.16	2,810.74	89.42	32.434		
7,500.00	6,819.79	6,764.48	6,333.21	58.13	47.18	-83.82	-1,395.72	-1,886.31	2,927.24	2,835.73	91.52	31.986		
7,600.00	6,837.44	6,811.66	6,376.76	60.02	47.55	-81.97	-1,405.42	-1,901.63	2,950.51	2,856.97	93.53	31.545		
7,700.00	6,840.00	6,846.25	6,408.70	61.90	47.83	-81.49	-1,412.53	-1,912.86	2,970.65	2,875.25	95.40	31.139		
7,800.00	6,840.00	7,766.60	6,840.00	63.83	61.68	-90.02	-1,505.91	-2,625.67	2,971.57	2,855.87	115.70	25.684		
7,900.00	6,840.00	7,866.60	6,840.00	65.81	63.64	-90.02	-1,505.43	-2,725.67	2,971.53	2,851.52	120.01	24.761		
8,000.00	6,840.00	7,966.60	6,840.00	67.84	65.65	-90.02	-1,504.95	-2,825.67	2,971.49	2,847.08	124.41	23.885		
8,100.00	6,840.00	8,066.60	6,840.00	69.91	67.71	-90.02	-1,504.48	-2,925.67	2,971.45	2,842.57	128.88	23.055		
8,200.00	6,840.00	8,166.60	6,840.00	72.03	69.82	-90.02	-1,504.00	-3,025.67	2,971.41	2,837.98	133.43	22.269		
8,300.00	6,840.00	8,266.60	6,840.00	74.18	71.97	-90.02	-1,503.52	-3,125.67	2,971.37	2,833.32	138.05	21.524		
8,400.00	6,840.00	8,366.60	6,840.00	76.37	74.15	-90.02	-1,503.04	-3,225.67	2,971.33	2,828.61	142.72	20.819		
8,500.00	6,840.00	8,466.60	6,840.00	78.59	76.37	-90.02	-1,502.57	-3,325.67	2,971.29	2,823.85	147.44	20.152		
8,600.00	6,840.00	8,566.60	6,840.00	80.85	78.62	-90.02	-1,502.09	-3,425.67	2,971.25	2,819.03	152.22	19.520		
8,700.00	6,840.00	8,666.60	6,840.00	83.13	80.91	-90.02	-1,501.61	-3,525.66	2,971.21	2,814.18	157.03	18.921		
8,800.00	6,840.00	8,766.60	6,840.00	85.44	83.22	-90.02	-1,501.14	-3,625.66	2,971.17	2,809.28	161.89	18.353		
8,900.00	6,840.00	8,866.60	6,840.00	87.77	85.55	-90.02	-1,500.66	-3,725.66	2,971.13	2,804.35	166.78	17.815		
9,000.00	6,840.00	8,966.60	6,840.00	90.12	87.91	-90.02	-1,500.18	-3,825.66	2,971.09	2,799.39	171.70	17.303		
9,100.00	6,840.00	9,066.60	6,840.00	92.50	90.28	-90.02	-1,499.70	-3,925.66	2,971.05	2,794.39	176.66	16.818		
9,200.00	6,840.00	9,166.60	6,840.00	94.89	92.68	-90.02	-1,499.23	-4,025.66	2,971.01	2,789.37	181.64	16.356		
9,300.00	6,840.00	9,266.60	6,840.00	97.30	95.10	-90.02	-1,498.75	-4,125.66	2,970.97	2,784.32	186.65	15.917		
9,400.00	6,840.00	9,366.60	6,840.00	99.73	97.53	-90.02	-1,498.27	-4,225.66	2,970.93	2,779.25	191.68	15.499		
9,500.00	6,840.00	9,466.60	6,840.00	102.17	99.98	-90.02	-1,497.79	-4,325.65	2,970.89	2,774.16	196.74	15.101		
9,600.00	6,840.00	9,566.60	6,840.00	104.63	102.44	-90.02	-1,497.32	-4,425.65	2,970.85	2,769.04	201.81	14.721		
9,700.00	6,840.00	9,666.60	6,840.00	107.10	104.91	-90.02	-1,496.84	-4,525.65	2,970.81	2,763.91	206.90	14.359		
9,800.00	6,840.00	9,766.60	6,840.00	109.58	107.40	-90.02	-1,496.36	-4,625.65	2,970.77	2,758.76	212.01	14.012		
9,900.00	6,840.00	9,866.60	6,840.00	112.07	109.90	-90.02	-1,495.88	-4,725.65	2,970.73	2,753.60	217.14	13.681		
10,000.00	6,840.00	9,966.60	6,840.00	114.58	112.41	-90.02	-1,495.41	-4,825.65	2,970.69	2,748.42	222.28	13.365		
10,100.00	6,840.00	10,066.60	6,840.00	117.09	114.93	-90.02	-1,494.93	-4,925.65	2,970.65	2,743.22	227.43	13.062		
10,200.00	6,840.00	10,166.60	6,840.00	119.61	117.46	-90.02	-1,494.45	-5,025.65	2,970.61	2,738.02	232.60	12.771		
10,300.00	6,840.00	10,266.60	6,840.00	122.14	119.99	-90.02	-1,493.97	-5,125.65	2,970.57	2,732.80	237.78	12.493		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,366.60	6,840.00	124.68	122.54	-90.02	-1,493.50	-5,225.64	2,970.53	2,727.57	242.97	12.226		
10,500.00	6,840.00	10,466.60	6,840.00	127.23	125.09	-90.02	-1,493.02	-5,325.64	2,970.49	2,722.33	248.17	11.970		
10,600.00	6,840.00	10,566.60	6,840.00	129.78	127.65	-90.02	-1,492.54	-5,425.64	2,970.45	2,717.07	253.38	11.723		
10,700.00	6,840.00	10,666.60	6,840.00	132.35	130.22	-90.02	-1,492.06	-5,525.64	2,970.41	2,711.81	258.60	11.486		
10,800.00	6,840.00	10,766.60	6,840.00	134.91	132.79	-90.02	-1,491.59	-5,625.64	2,970.37	2,706.54	263.83	11.259		
10,900.00	6,840.00	10,866.60	6,840.00	137.49	135.37	-90.02	-1,491.11	-5,725.64	2,970.33	2,701.27	269.07	11.039		
11,000.00	6,840.00	10,966.60	6,840.00	140.07	137.95	-90.02	-1,490.63	-5,825.64	2,970.29	2,695.98	274.31	10.828		
11,100.00	6,840.00	11,066.60	6,840.00	142.65	140.54	-90.02	-1,490.16	-5,925.64	2,970.25	2,690.69	279.57	10.624		
11,200.00	6,840.00	11,166.60	6,840.00	145.24	143.14	-90.02	-1,489.68	-6,025.64	2,970.22	2,685.39	284.83	10.428		
11,300.00	6,840.00	11,266.60	6,840.00	147.83	145.74	-90.02	-1,489.20	-6,125.63	2,970.18	2,680.08	290.10	10.239		
11,400.00	6,840.00	11,366.60	6,840.00	150.43	148.34	-90.02	-1,488.72	-6,225.63	2,970.14	2,674.77	295.37	10.056		
11,500.00	6,840.00	11,466.60	6,840.00	153.04	150.95	-90.02	-1,488.25	-6,325.63	2,970.10	2,669.45	300.65	9.879		
11,600.00	6,840.00	11,566.60	6,840.00	155.64	153.56	-90.02	-1,487.77	-6,425.63	2,970.06	2,664.12	305.93	9.708		
11,700.00	6,840.00	11,666.60	6,840.00	158.26	156.18	-90.02	-1,487.29	-6,525.63	2,970.02	2,658.79	311.22	9.543		
11,800.00	6,840.00	11,766.60	6,840.00	160.87	158.80	-90.02	-1,486.81	-6,625.63	2,969.98	2,653.46	316.52	9.383		
11,900.00	6,840.00	11,866.60	6,840.00	163.49	161.42	-90.02	-1,486.34	-6,725.63	2,969.94	2,648.12	321.82	9.229		
12,000.00	6,840.00	11,966.60	6,840.00	166.11	164.05	-90.02	-1,485.86	-6,825.63	2,969.90	2,642.77	327.12	9.079		
12,100.00	6,840.00	12,066.60	6,840.00	168.74	166.68	-90.02	-1,485.38	-6,925.63	2,969.86	2,637.43	332.43	8.934		
12,200.00	6,840.00	12,166.60	6,840.00	171.37	169.31	-90.02	-1,484.90	-7,025.62	2,969.82	2,632.07	337.74	8.793		
12,300.00	6,840.00	12,266.60	6,840.00	174.00	171.95	-90.02	-1,484.43	-7,125.62	2,969.78	2,626.72	343.06	8.657		
12,400.00	6,840.00	12,366.60	6,840.00	176.63	174.59	-90.02	-1,483.95	-7,225.62	2,969.74	2,621.35	348.38	8.524		
12,500.00	6,840.00	12,466.60	6,840.00	179.27	177.23	-90.02	-1,483.47	-7,325.62	2,969.70	2,615.99	353.71	8.396		
12,600.00	6,840.00	12,566.60	6,840.00	181.91	179.87	-90.02	-1,482.99	-7,425.62	2,969.66	2,610.62	359.03	8.271		
12,700.00	6,840.00	12,666.60	6,840.00	184.55	182.51	-90.02	-1,482.52	-7,525.62	2,969.62	2,605.25	364.36	8.150		
12,800.00	6,840.00	12,766.60	6,840.00	187.19	185.16	-90.02	-1,482.04	-7,625.62	2,969.58	2,599.88	369.70	8.032		
12,900.00	6,840.00	12,866.60	6,840.00	189.84	187.81	-90.02	-1,481.56	-7,725.62	2,969.54	2,594.50	375.04	7.918		
13,000.00	6,840.00	12,966.60	6,840.00	192.48	190.46	-90.02	-1,481.08	-7,825.61	2,969.50	2,589.12	380.38	7.807		
13,100.00	6,840.00	13,066.60	6,840.00	195.13	193.12	-90.02	-1,480.61	-7,925.61	2,969.46	2,583.74	385.72	7.698		
13,200.00	6,840.00	13,166.60	6,840.00	197.79	195.77	-90.02	-1,480.13	-8,025.61	2,969.42	2,578.35	391.07	7.593		
13,300.00	6,840.00	13,266.60	6,840.00	200.44	198.43	-90.02	-1,479.65	-8,125.61	2,969.38	2,572.96	396.41	7.491		
13,400.00	6,840.00	13,366.60	6,840.00	203.10	201.09	-90.02	-1,479.18	-8,225.61	2,969.34	2,567.57	401.76	7.391		
13,500.00	6,840.00	13,466.60	6,840.00	205.75	203.75	-90.02	-1,478.70	-8,325.61	2,969.30	2,562.18	407.12	7.293		
13,600.00	6,840.00	13,566.60	6,840.00	208.41	206.41	-90.02	-1,478.22	-8,425.61	2,969.26	2,556.78	412.47	7.199		
13,700.00	6,840.00	13,666.60	6,840.00	211.07	209.08	-90.02	-1,477.74	-8,525.61	2,969.22	2,551.39	417.83	7.106		
13,800.00	6,840.00	13,766.60	6,840.00	213.74	211.74	-90.02	-1,477.27	-8,625.61	2,969.18	2,545.99	423.19	7.016		
13,900.00	6,840.00	13,866.60	6,840.00	216.40	214.41	-90.02	-1,476.79	-8,725.60	2,969.14	2,540.59	428.55	6.928		
14,000.00	6,840.00	13,966.60	6,840.00	219.06	217.07	-90.02	-1,476.31	-8,825.60	2,969.10	2,535.18	433.92	6.843		
14,100.00	6,840.00	14,066.60	6,840.00	221.73	219.74	-90.02	-1,475.83	-8,925.60	2,969.06	2,529.78	439.28	6.759		
14,200.00	6,840.00	14,166.60	6,840.00	224.40	222.41	-90.02	-1,475.36	-9,025.60	2,969.02	2,524.37	444.65	6.677		
14,300.00	6,840.00	14,266.60	6,840.00	227.07	225.09	-90.02	-1,474.88	-9,125.60	2,968.98	2,518.96	450.02	6.597		
14,400.00	6,840.00	14,366.60	6,840.00	229.74	227.76	-90.02	-1,474.40	-9,225.60	2,968.94	2,513.55	455.39	6.520		
14,500.00	6,840.00	14,466.60	6,840.00	232.41	230.43	-90.02	-1,473.92	-9,325.60	2,968.90	2,508.14	460.76	6.443		
14,600.00	6,840.00	14,566.60	6,840.00	235.08	233.11	-90.02	-1,473.45	-9,425.60	2,968.86	2,502.73	466.13	6.369		
14,700.00	6,840.00	14,666.60	6,840.00	237.75	235.78	-90.02	-1,472.97	-9,525.60	2,968.82	2,497.31	471.51	6.296		
14,800.00	6,840.00	14,766.60	6,840.00	240.43	238.46	-90.02	-1,472.49	-9,625.59	2,968.78	2,491.89	476.89	6.225		
14,900.00	6,840.00	14,866.60	6,840.00	243.10	241.14	-90.02	-1,472.01	-9,725.59	2,968.74	2,486.48	482.26	6.156		
15,000.00	6,840.00	14,966.60	6,840.00	245.78	243.82	-90.02	-1,471.54	-9,825.59	2,968.70	2,481.06	487.64	6.088		
15,100.00	6,840.00	15,066.60	6,840.00	248.46	246.50	-90.02	-1,471.06	-9,925.59	2,968.66	2,475.64	493.02	6.021		
15,200.00	6,840.00	15,166.60	6,840.00	251.14	249.18	-90.02	-1,470.58	-10,025.59	2,968.62	2,470.21	498.41	5.956		
15,300.00	6,840.00	15,266.60	6,840.00	253.82	251.86	-90.02	-1,470.11	-10,125.59	2,968.58	2,464.79	503.79	5.892		
15,400.00	6,840.00	15,366.60	6,840.00	256.50	254.54	-90.02	-1,469.63	-10,225.59	2,968.54	2,459.37	509.17	5.830		
15,500.00	6,840.00	15,466.60	6,840.00	259.18	257.23	-90.02	-1,469.15	-10,325.59	2,968.50	2,453.94	514.56	5.769		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-14 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,566.60	6,840.00	261.86	259.91	-90.02	-1,468.67	-10,425.59	2,968.46	2,448.51	519.95	5.709		
15,700.00	6,840.00	15,666.60	6,840.00	264.54	262.60	-90.02	-1,468.20	-10,525.58	2,968.42	2,443.09	525.34	5.651		
15,800.00	6,840.00	15,766.60	6,840.00	267.23	265.28	-90.02	-1,467.72	-10,625.58	2,968.38	2,437.66	530.72	5.593		
15,900.00	6,840.00	15,866.60	6,840.00	269.91	267.97	-90.02	-1,467.24	-10,725.58	2,968.34	2,432.23	536.11	5.537		
16,000.00	6,840.00	15,966.60	6,840.00	272.59	270.66	-90.02	-1,466.76	-10,825.58	2,968.30	2,426.80	541.51	5.482		
16,100.00	6,840.00	16,066.60	6,840.00	275.28	273.34	-90.02	-1,466.29	-10,925.58	2,968.26	2,421.36	546.90	5.427		
16,200.00	6,840.00	16,166.60	6,840.00	277.97	276.03	-90.02	-1,465.81	-11,025.58	2,968.22	2,415.93	552.29	5.374		
16,300.00	6,840.00	16,266.60	6,840.00	280.65	278.72	-90.02	-1,465.33	-11,125.58	2,968.18	2,410.50	557.68	5.322		
16,400.00	6,840.00	16,366.60	6,840.00	283.34	281.41	-90.02	-1,464.85	-11,225.58	2,968.14	2,405.06	563.08	5.271		
16,500.00	6,840.00	16,466.60	6,840.00	286.03	284.10	-90.02	-1,464.38	-11,325.57	2,968.10	2,399.63	568.47	5.221		
16,600.00	6,840.00	16,566.60	6,840.00	288.72	286.79	-90.02	-1,463.90	-11,425.57	2,968.06	2,394.19	573.87	5.172		
16,700.00	6,840.00	16,666.60	6,840.00	291.41	289.48	-90.02	-1,463.42	-11,525.57	2,968.02	2,388.75	579.27	5.124		
16,800.00	6,840.00	16,766.60	6,840.00	294.10	292.17	-90.02	-1,462.94	-11,625.57	2,967.98	2,383.32	584.67	5.076		
16,900.00	6,840.00	16,866.60	6,840.00	296.79	294.87	-90.02	-1,462.47	-11,725.57	2,967.94	2,377.88	590.06	5.030		
17,000.00	6,840.00	16,966.60	6,840.00	299.48	297.56	-90.02	-1,461.99	-11,825.57	2,967.90	2,372.44	595.46	4.984		
17,100.00	6,840.00	17,066.60	6,840.00	302.17	300.25	-90.02	-1,461.51	-11,925.57	2,967.86	2,367.00	600.86	4.939		
17,200.00	6,840.00	17,166.60	6,840.00	304.86	302.95	-90.02	-1,461.03	-12,025.57	2,967.82	2,361.56	606.27	4.895		
17,300.00	6,840.00	17,266.60	6,840.00	307.56	305.64	-90.02	-1,460.56	-12,125.57	2,967.78	2,356.12	611.67	4.852		
17,400.00	6,840.00	17,366.60	6,840.00	310.25	308.34	-90.02	-1,460.08	-12,225.56	2,967.74	2,350.67	617.07	4.809		
17,500.00	6,840.00	17,466.60	6,840.00	312.94	311.03	-90.02	-1,459.60	-12,325.56	2,967.70	2,345.23	622.47	4.768		
17,600.00	6,840.00	17,566.60	6,840.00	315.64	313.73	-90.02	-1,459.13	-12,425.56	2,967.66	2,339.79	627.88	4.727		
17,700.00	6,840.00	17,666.60	6,840.00	318.33	316.42	-90.02	-1,458.65	-12,525.56	2,967.62	2,334.34	633.28	4.686		
17,800.00	6,840.00	17,766.60	6,840.00	321.03	319.12	-90.02	-1,458.17	-12,625.56	2,967.58	2,328.90	638.68	4.646		
17,900.00	6,840.00	17,866.60	6,840.00	323.72	321.82	-90.02	-1,457.69	-12,725.56	2,967.54	2,323.45	644.09	4.607		
18,000.00	6,840.00	17,966.60	6,840.00	326.42	324.51	-90.02	-1,457.22	-12,825.56	2,967.50	2,318.01	649.50	4.569		
18,100.00	6,840.00	18,066.60	6,840.00	329.11	327.21	-90.02	-1,456.74	-12,925.56	2,967.46	2,312.56	654.90	4.531		
18,200.00	6,840.00	18,166.60	6,840.00	331.81	329.91	-90.02	-1,456.26	-13,025.56	2,967.42	2,307.11	660.31	4.494		
18,300.00	6,840.00	18,266.60	6,840.00	334.51	332.61	-90.02	-1,455.78	-13,125.55	2,967.38	2,301.67	665.72	4.457		
18,400.00	6,840.00	18,366.60	6,840.00	337.20	335.31	-90.02	-1,455.31	-13,225.55	2,967.34	2,296.22	671.13	4.421		
18,500.00	6,840.00	18,466.60	6,840.00	339.90	338.01	-90.02	-1,454.83	-13,325.55	2,967.30	2,290.77	676.53	4.386		
18,600.00	6,840.00	18,566.60	6,840.00	342.60	340.71	-90.02	-1,454.35	-13,425.55	2,967.26	2,285.32	681.94	4.351		
18,700.00	6,840.00	18,666.60	6,840.00	345.30	343.41	-90.02	-1,453.87	-13,525.55	2,967.22	2,279.87	687.35	4.317		
18,800.00	6,840.00	18,766.60	6,840.00	348.00	346.11	-90.02	-1,453.40	-13,625.55	2,967.18	2,274.42	692.76	4.283		
18,900.00	6,840.00	18,866.60	6,840.00	350.70	348.81	-90.02	-1,452.92	-13,725.55	2,967.14	2,268.97	698.17	4.250		
19,000.00	6,840.00	18,966.60	6,840.00	353.39	351.51	-90.02	-1,452.44	-13,825.55	2,967.10	2,263.52	703.58	4.217		
19,100.00	6,840.00	19,066.60	6,840.00	356.09	354.21	-90.02	-1,451.96	-13,925.55	2,967.06	2,258.07	709.00	4.185		
19,200.00	6,840.00	19,166.60	6,840.00	358.79	356.91	-90.02	-1,451.49	-14,025.54	2,967.02	2,252.62	714.41	4.153		
19,300.00	6,840.00	19,266.60	6,840.00	361.49	359.61	-90.02	-1,451.01	-14,125.54	2,966.98	2,247.16	719.82	4.122		
19,400.00	6,840.00	19,366.60	6,840.00	364.20	362.31	-90.02	-1,450.53	-14,225.54	2,966.94	2,241.71	725.23	4.091		
19,500.00	6,840.00	19,466.60	6,840.00	366.90	365.01	-90.02	-1,450.05	-14,325.54	2,966.90	2,236.26	730.65	4.061		
19,600.00	6,840.00	19,566.60	6,840.00	369.60	367.72	-90.02	-1,449.58	-14,425.54	2,966.86	2,230.81	736.06	4.031		
19,700.00	6,840.00	19,666.60	6,840.00	372.30	370.42	-90.02	-1,449.10	-14,525.54	2,966.83	2,225.35	741.47	4.001		
19,800.00	6,840.00	19,766.60	6,840.00	375.00	373.12	-90.02	-1,448.62	-14,625.54	2,966.79	2,219.90	746.89	3.972		
19,900.00	6,840.00	19,866.60	6,840.00	377.70	375.82	-90.02	-1,448.15	-14,725.54	2,966.75	2,214.44	752.30	3.944		
20,000.00	6,840.00	19,966.60	6,840.00	380.40	378.53	-90.02	-1,447.67	-14,825.53	2,966.71	2,208.99	757.72	3.915		
20,100.00	6,840.00	20,066.60	6,840.00	383.11	381.23	-90.02	-1,447.19	-14,925.53	2,966.67	2,203.53	763.13	3.887		
20,200.00	6,840.00	20,166.60	6,840.00	385.81	383.94	-90.02	-1,446.71	-15,025.53	2,966.63	2,198.08	768.55	3.860		
20,300.00	6,840.00	20,266.60	6,840.00	388.51	386.64	-90.02	-1,446.24	-15,125.53	2,966.59	2,192.62	773.96	3.833		
20,400.00	6,840.00	20,366.60	6,840.00	391.22	389.34	-90.02	-1,445.76	-15,225.53	2,966.55	2,187.17	779.38	3.806		
20,500.00	6,840.00	20,466.60	6,840.00	393.92	392.05	-90.02	-1,445.28	-15,325.53	2,966.51	2,181.71	784.80	3.780		
20,533.54	6,840.00	20,500.14	6,840.00	394.83	392.96	-90.02	-1,445.12	-15,359.06	2,966.49	2,179.88	786.61	3.771 SF		
20,539.70	6,840.00	20,491.19	6,840.00	394.99	392.71	-90.02	-1,445.16	-15,350.11	2,966.53	2,180.02	786.51	3.772		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.93	-224.78	-0.28	224.78					
100.00	100.00	101.00	99.00	0.13	0.14	-179.93	-224.78	-0.28	224.78	224.50	0.27	825.050		
200.00	200.00	201.00	199.00	0.49	0.50	-179.93	-224.78	-0.28	224.78	223.79	0.99	227.188		
300.00	300.00	299.00	299.00	0.85	0.85	-179.93	-224.78	-0.28	224.78	223.08	1.70	132.287 CC, ES		
400.00	400.00	394.39	394.37	1.21	1.18	-179.62	-225.73	-1.50	225.79	223.40	2.39	94.510		
500.00	500.00	489.53	489.39	1.57	1.51	-178.69	-228.64	-5.21	228.90	225.82	3.08	74.395		
600.00	599.98	584.28	583.81	1.92	1.85	-122.83	-233.46	-11.38	235.17	231.40	3.77	62.364		
700.00	699.84	678.45	677.35	2.28	2.21	-121.69	-240.16	-19.93	245.56	241.08	4.48	54.870		
800.00	799.45	771.82	769.69	2.65	2.58	-120.68	-248.67	-30.81	259.98	254.79	5.19	50.060		
900.00	898.70	864.19	860.55	3.02	2.98	-119.81	-258.91	-43.89	278.36	272.43	5.93	46.951		
1,000.00	997.47	955.37	949.66	3.42	3.41	-119.08	-270.78	-59.05	300.59	293.90	6.69	44.959		
1,100.00	1,095.62	1,045.17	1,036.79	3.84	3.85	-118.46	-284.17	-76.16	326.58	319.10	7.47	43.708		
1,200.00	1,193.06	1,133.43	1,121.72	4.30	4.33	-117.92	-298.97	-95.07	356.22	347.93	8.28	43.011		
1,300.00	1,289.64	1,220.01	1,204.28	4.79	4.82	-117.45	-315.05	-115.61	389.40	380.27	9.13	42.639		
1,400.00	1,385.27	1,304.78	1,284.31	5.33	5.35	-117.02	-332.28	-137.62	426.03	416.01	10.02	42.516		
1,500.00	1,479.82	1,387.64	1,361.69	5.92	5.90	-116.60	-350.51	-160.92	465.98	455.02	10.95	42.544		
1,600.00	1,573.17	1,468.48	1,436.35	6.56	6.47	-116.18	-369.63	-185.34	509.13	497.20	11.93	42.682		
1,700.00	1,665.22	1,554.61	1,515.19	7.26	7.11	-115.96	-391.01	-212.65	554.93	541.91	13.03	42.603		
1,800.00	1,756.74	1,642.98	1,596.04	7.99	7.78	-116.60	-412.99	-240.74	601.38	587.20	14.18	42.402		
1,900.00	1,848.26	1,731.35	1,676.89	8.75	8.46	-117.15	-434.97	-268.82	647.88	632.52	15.36	42.174		
2,000.00	1,939.78	1,819.72	1,757.75	9.51	9.14	-117.63	-456.96	-296.91	694.43	677.87	16.56	41.937		
2,100.00	2,031.30	1,908.09	1,838.60	10.29	9.83	-118.05	-478.94	-324.99	741.00	723.23	17.77	41.703		
2,200.00	2,122.82	2,003.54	1,919.46	11.07	10.58	-118.42	-500.92	-353.07	787.61	768.57	19.04	41.371		
2,300.00	2,214.34	2,084.83	2,000.31	11.86	11.23	-118.74	-522.90	-381.16	834.23	814.01	20.22	41.255		
2,400.00	2,305.85	2,173.20	2,081.16	12.66	11.93	-119.04	-544.89	-409.24	880.88	859.42	21.46	41.049		
2,500.00	2,397.37	2,261.57	2,162.02	13.46	12.63	-119.30	-566.87	-437.32	927.54	904.83	22.70	40.855		
2,600.00	2,488.89	2,349.94	2,242.87	14.26	13.34	-119.54	-588.85	-465.41	974.21	950.26	23.95	40.672		
2,700.00	2,580.41	2,438.31	2,323.73	15.07	14.05	-119.75	-610.83	-493.49	1,020.90	995.69	25.21	40.502		
2,800.00	2,671.93	2,526.68	2,404.58	15.88	14.76	-119.95	-632.81	-521.57	1,067.59	1,041.13	26.46	40.342		
2,900.00	2,763.45	2,615.05	2,485.43	16.69	15.47	-120.13	-654.80	-549.66	1,114.30	1,086.58	27.72	40.192		
3,000.00	2,854.97	2,703.42	2,566.29	17.51	16.18	-120.30	-676.78	-577.74	1,161.01	1,132.03	28.99	40.051		
3,100.00	2,946.49	2,808.21	2,647.14	18.32	17.02	-120.45	-698.76	-605.83	1,207.74	1,177.37	30.37	39.770		
3,200.00	3,038.00	2,880.16	2,728.00	19.14	17.60	-120.59	-720.74	-633.91	1,254.46	1,222.94	31.52	39.795		
3,300.00	3,129.52	2,968.53	2,808.85	19.96	18.32	-120.72	-742.73	-661.99	1,301.20	1,268.40	32.79	39.679		
3,400.00	3,221.04	3,056.90	2,889.70	20.77	19.03	-120.85	-764.71	-690.08	1,347.93	1,313.87	34.07	39.569		
3,500.00	3,312.56	3,145.27	2,970.56	21.59	19.75	-120.96	-786.69	-718.16	1,394.68	1,359.34	35.34	39.466		
3,600.00	3,404.08	3,233.64	3,051.41	22.42	20.46	-121.07	-808.67	-746.24	1,441.42	1,404.81	36.61	39.368		
3,700.00	3,495.60	3,322.01	3,132.27	23.24	21.18	-121.17	-830.65	-774.33	1,488.17	1,450.28	37.89	39.276		
3,800.00	3,587.12	3,410.38	3,213.12	24.06	21.90	-121.26	-852.64	-802.41	1,534.93	1,495.76	39.17	39.188		
3,900.00	3,678.63	3,501.25	3,293.97	24.88	22.64	-121.35	-874.62	-830.50	1,581.68	1,541.22	40.46	39.089		
4,000.00	3,770.15	3,587.12	3,374.83	25.71	23.33	-121.44	-896.60	-858.58	1,628.44	1,586.72	41.73	39.027		
4,100.00	3,861.67	3,675.49	3,455.68	26.53	24.05	-121.51	-918.58	-886.66	1,675.20	1,632.20	43.01	38.953		
4,200.00	3,953.19	3,763.86	3,536.54	27.35	24.77	-121.59	-940.57	-914.75	1,721.97	1,677.68	44.29	38.882		
4,300.00	4,044.71	3,852.23	3,617.39	28.18	25.49	-121.66	-962.55	-942.83	1,768.74	1,723.17	45.57	38.814		
4,400.00	4,136.23	3,940.60	3,698.24	29.01	26.21	-121.73	-984.53	-970.91	1,815.50	1,768.65	46.85	38.750		
4,500.00	4,227.75	4,028.97	3,779.10	29.83	26.93	-121.79	-1,006.51	-999.00	1,862.27	1,814.14	48.14	38.688		
4,600.00	4,319.27	4,117.34	3,859.95	30.66	27.64	-121.85	-1,028.49	-1,027.08	1,909.05	1,859.63	49.42	38.630		
4,700.00	4,410.78	4,205.71	3,940.81	31.48	28.36	-121.91	-1,050.48	-1,055.17	1,955.82	1,905.12	50.70	38.574		
4,800.00	4,502.30	4,305.92	4,021.66	32.31	29.18	-121.96	-1,072.46	-1,083.25	2,002.59	1,950.52	52.07	38.458		
4,900.00	4,593.82	4,382.45	4,102.51	33.14	29.80	-122.02	-1,094.44	-1,111.33	2,049.37	1,996.10	53.27	38.468		
5,000.00	4,685.34	4,470.82	4,183.37	33.96	30.52	-122.07	-1,116.42	-1,139.42	2,096.15	2,041.59	54.56	38.419		
5,100.00	4,776.86	4,559.19	4,264.22	34.79	31.24	-122.11	-1,138.41	-1,167.50	2,142.93	2,087.08	55.85	38.372		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,647.56	4,345.08	35.62	31.96	-122.16	-1,160.39	-1,195.58	2,189.71	2,132.57	57.13	38.326		
5,300.00	4,959.90	4,735.93	4,425.93	36.45	32.68	-122.20	-1,182.37	-1,223.67	2,236.49	2,178.07	58.42	38.282		
5,400.00	5,051.41	4,824.30	4,506.78	37.27	33.40	-122.25	-1,204.35	-1,251.75	2,283.27	2,223.56	59.71	38.240		
5,500.00	5,142.93	4,912.67	4,587.64	38.10	34.13	-122.29	-1,226.33	-1,279.84	2,330.05	2,269.06	61.00	38.200		
5,600.00	5,234.45	5,001.04	4,668.49	38.93	34.85	-122.33	-1,248.32	-1,307.92	2,376.84	2,314.55	62.29	38.161		
5,700.00	5,325.97	5,089.41	4,749.35	39.76	35.57	-122.36	-1,270.30	-1,336.00	2,423.62	2,360.05	63.57	38.123		
5,800.00	5,417.49	5,177.79	4,830.20	40.59	36.29	-122.40	-1,292.28	-1,364.09	2,470.41	2,405.54	64.86	38.087		
5,900.00	5,509.01	5,266.16	4,911.05	41.42	37.01	-122.43	-1,314.26	-1,392.17	2,517.19	2,451.04	66.15	38.051		
6,000.00	5,600.53	5,354.53	4,991.91	42.25	37.73	-122.47	-1,336.25	-1,420.25	2,563.98	2,496.54	67.44	38.017		
6,100.00	5,692.04	5,442.90	5,072.76	43.07	38.45	-122.50	-1,358.23	-1,448.34	2,610.77	2,542.04	68.73	37.985		
6,200.00	5,783.56	5,531.27	5,153.62	43.90	39.17	-122.53	-1,380.21	-1,476.42	2,657.56	2,587.53	70.02	37.953		
6,300.00	5,875.08	5,619.64	5,234.47	44.73	39.89	-122.56	-1,402.19	-1,504.50	2,704.35	2,633.03	71.31	37.922		
6,400.00	5,966.60	5,708.01	5,315.32	45.56	40.61	-122.59	-1,424.17	-1,532.59	2,751.13	2,678.53	72.60	37.892		
6,500.00	6,058.12	5,796.38	5,396.18	46.39	41.34	-122.62	-1,446.16	-1,560.67	2,797.92	2,724.03	73.90	37.863		
6,600.00	6,149.64	5,884.75	5,477.03	47.22	42.06	-122.64	-1,468.14	-1,588.76	2,844.71	2,769.53	75.19	37.835		
6,700.00	6,241.16	5,973.12	5,557.89	48.05	42.78	-122.67	-1,490.12	-1,616.84	2,891.51	2,815.03	76.48	37.808		
6,800.00	6,332.68	6,061.49	5,638.74	48.88	43.50	-122.69	-1,512.10	-1,644.92	2,938.30	2,860.53	77.77	37.781		
6,900.00	6,424.19	6,149.86	5,719.59	49.71	44.22	-122.72	-1,534.09	-1,673.01	2,985.09	2,906.02	79.06	37.756		
7,000.00	6,514.88	6,238.23	5,800.45	50.58	44.94	-113.94	-1,556.07	-1,701.09	3,031.67	2,951.27	80.39	37.710		
7,100.00	6,599.14	6,325.55	5,880.35	51.67	45.66	-102.06	-1,577.79	-1,728.84	3,076.41	2,994.45	81.96	37.536		
7,200.00	6,673.85	6,409.29	5,959.96	53.01	46.34	-94.03	-1,598.62	-1,755.45	3,118.13	3,034.37	83.76	37.226		
7,300.00	6,736.73	6,486.88	6,027.96	54.56	46.97	-88.36	-1,617.92	-1,780.11	3,156.09	3,070.34	85.75	36.806		
7,400.00	6,785.87	6,555.98	6,091.18	56.29	47.54	-84.28	-1,635.11	-1,802.07	3,189.81	3,101.96	87.86	36.307		
7,500.00	6,819.79	6,614.49	6,144.71	58.13	48.02	-81.37	-1,649.66	-1,820.67	3,219.04	3,129.04	90.00	35.766		
7,600.00	6,837.44	6,660.62	6,186.91	60.02	48.39	-79.34	-1,661.14	-1,835.33	3,243.62	3,151.53	92.09	35.221		
7,700.00	6,840.00	6,705.56	6,217.86	61.90	48.76	-78.78	-1,669.55	-1,846.08	3,264.23	3,170.09	94.14	34.675		
7,800.00	6,840.00	6,726.12	6,246.84	63.83	48.93	-79.32	-1,677.43	-1,856.14	3,286.34	3,190.35	95.99	34.237		
7,900.00	6,840.00	6,729.62	6,240.00	65.81	49.76	-90.02	-1,835.46	-2,727.53	3,301.57	3,181.50	120.07	27.498		
8,000.00	6,840.00	8,029.62	6,840.00	67.84	67.67	-90.02	-1,834.98	-2,827.53	3,301.52	3,177.08	124.45	26.530		
8,100.00	6,840.00	8,129.62	6,840.00	69.91	69.65	-90.02	-1,834.49	-2,927.53	3,301.47	3,172.57	128.90	25.612		
8,200.00	6,840.00	8,229.62	6,840.00	72.03	71.67	-90.02	-1,834.01	-3,027.53	3,301.42	3,167.99	133.44	24.742		
8,300.00	6,840.00	8,329.62	6,840.00	74.18	73.73	-90.02	-1,833.52	-3,127.53	3,301.38	3,163.34	138.03	23.917		
8,400.00	6,840.00	8,429.62	6,840.00	76.37	75.84	-90.02	-1,833.03	-3,227.52	3,301.33	3,158.64	142.69	23.136		
8,500.00	6,840.00	8,529.62	6,840.00	78.59	77.98	-90.02	-1,832.55	-3,327.52	3,301.28	3,153.88	147.40	22.397		
8,600.00	6,840.00	8,629.62	6,840.00	80.85	80.16	-90.02	-1,832.06	-3,427.52	3,301.23	3,149.07	152.16	21.696		
8,700.00	6,840.00	8,729.62	6,840.00	83.13	82.38	-90.02	-1,831.58	-3,527.52	3,301.18	3,144.22	156.96	21.032		
8,800.00	6,840.00	8,829.62	6,840.00	85.44	84.62	-90.02	-1,831.09	-3,627.52	3,301.13	3,139.33	161.81	20.402		
8,900.00	6,840.00	8,929.62	6,840.00	87.77	86.90	-90.02	-1,830.61	-3,727.52	3,301.09	3,134.40	166.69	19.804		
9,000.00	6,840.00	9,029.62	6,840.00	90.12	89.19	-90.02	-1,830.12	-3,827.52	3,301.04	3,129.44	171.60	19.237		
9,100.00	6,840.00	9,129.62	6,840.00	92.50	91.52	-90.02	-1,829.63	-3,927.52	3,300.99	3,124.44	176.55	18.698		
9,200.00	6,840.00	9,229.62	6,840.00	94.89	93.86	-90.02	-1,829.15	-4,027.51	3,300.94	3,119.42	181.52	18.185		
9,300.00	6,840.00	9,329.62	6,840.00	97.30	96.23	-90.02	-1,828.66	-4,127.51	3,300.89	3,114.37	186.52	17.697		
9,400.00	6,840.00	9,429.62	6,840.00	99.73	98.61	-90.02	-1,828.18	-4,227.51	3,300.84	3,109.30	191.54	17.233		
9,500.00	6,840.00	9,529.62	6,840.00	102.17	101.02	-90.02	-1,827.69	-4,327.51	3,300.79	3,104.21	196.59	16.790		
9,600.00	6,840.00	9,629.62	6,840.00	104.63	103.44	-90.02	-1,827.20	-4,427.51	3,300.75	3,099.09	201.65	16.368		
9,700.00	6,840.00	9,729.62	6,840.00	107.10	105.87	-90.02	-1,826.72	-4,527.51	3,300.70	3,093.96	206.74	15.966		
9,800.00	6,840.00	9,829.62	6,840.00	109.58	108.32	-90.02	-1,826.23	-4,627.51	3,300.65	3,088.81	211.84	15.581		
9,900.00	6,840.00	9,929.62	6,840.00	112.07	110.78	-90.02	-1,825.75	-4,727.51	3,300.60	3,083.64	216.96	15.213		
10,000.00	6,840.00	10,029.62	6,840.00	114.58	113.25	-90.02	-1,825.26	-4,827.51	3,300.55	3,078.46	222.09	14.861		
10,100.00	6,840.00	10,129.62	6,840.00	117.09	115.74	-90.02	-1,824.77	-4,927.50	3,300.50	3,073.26	227.24	14.524		
10,200.00	6,840.00	10,229.62	6,840.00	119.61	118.24	-90.02	-1,824.29	-5,027.50	3,300.46	3,068.05	232.40	14.201		
10,300.00	6,840.00	10,329.62	6,840.00	122.14	120.74	-90.02	-1,823.80	-5,127.50	3,300.41	3,062.83	237.58	13.892		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,429.62	6,840.00	124.68	123.26	-90.02	-1,823.32	-5,227.50	3,300.36	3,057.59	242.76	13.595		
10,500.00	6,840.00	10,529.62	6,840.00	127.23	125.79	-90.02	-1,822.83	-5,327.50	3,300.31	3,052.35	247.96	13.310		
10,600.00	6,840.00	10,629.62	6,840.00	129.78	128.32	-90.02	-1,822.34	-5,427.50	3,300.26	3,047.09	253.17	13.036		
10,700.00	6,840.00	10,729.62	6,840.00	132.35	130.86	-90.02	-1,821.86	-5,527.50	3,300.21	3,041.83	258.38	12.772		
10,800.00	6,840.00	10,829.62	6,840.00	134.91	133.41	-90.02	-1,821.37	-5,627.50	3,300.17	3,036.56	263.61	12.519		
10,900.00	6,840.00	10,929.62	6,840.00	137.49	135.97	-90.02	-1,820.89	-5,727.49	3,300.12	3,031.27	268.84	12.275		
11,000.00	6,840.00	11,029.62	6,840.00	140.07	138.53	-90.02	-1,820.40	-5,827.49	3,300.07	3,025.98	274.09	12.040		
11,100.00	6,840.00	11,129.62	6,840.00	142.65	141.10	-90.02	-1,819.92	-5,927.49	3,300.02	3,020.68	279.34	11.814		
11,200.00	6,840.00	11,229.62	6,840.00	145.24	143.67	-90.02	-1,819.43	-6,027.49	3,299.97	3,015.38	284.59	11.595		
11,300.00	6,840.00	11,329.62	6,840.00	147.83	146.25	-90.02	-1,818.94	-6,127.49	3,299.92	3,010.07	289.86	11.385		
11,400.00	6,840.00	11,429.62	6,840.00	150.43	148.84	-90.02	-1,818.46	-6,227.49	3,299.87	3,004.75	295.13	11.181		
11,500.00	6,840.00	11,529.62	6,840.00	153.04	151.43	-90.02	-1,817.97	-6,327.49	3,299.83	2,999.42	300.40	10.985		
11,600.00	6,840.00	11,629.62	6,840.00	155.64	154.02	-90.02	-1,817.49	-6,427.49	3,299.78	2,994.09	305.68	10.795		
11,700.00	6,840.00	11,729.62	6,840.00	158.26	156.62	-90.02	-1,817.00	-6,527.48	3,299.73	2,988.76	310.97	10.611		
11,800.00	6,840.00	11,829.62	6,840.00	160.87	159.23	-90.02	-1,816.51	-6,627.48	3,299.68	2,983.42	316.26	10.433		
11,900.00	6,840.00	11,929.62	6,840.00	163.49	161.83	-90.02	-1,816.03	-6,727.48	3,299.63	2,978.07	321.56	10.261		
12,000.00	6,840.00	12,029.62	6,840.00	166.11	164.44	-90.02	-1,815.54	-6,827.48	3,299.58	2,972.72	326.86	10.095		
12,100.00	6,840.00	12,129.62	6,840.00	168.74	167.06	-90.02	-1,815.06	-6,927.48	3,299.54	2,967.37	332.17	9.933		
12,200.00	6,840.00	12,229.62	6,840.00	171.37	169.68	-90.02	-1,814.57	-7,027.48	3,299.49	2,962.01	337.48	9.777		
12,300.00	6,840.00	12,329.62	6,840.00	174.00	172.30	-90.02	-1,814.08	-7,127.48	3,299.44	2,956.65	342.79	9.625		
12,400.00	6,840.00	12,429.62	6,840.00	176.63	174.92	-90.02	-1,813.60	-7,227.48	3,299.39	2,951.28	348.11	9.478		
12,500.00	6,840.00	12,529.62	6,840.00	179.27	177.55	-90.02	-1,813.11	-7,327.48	3,299.34	2,945.91	353.43	9.335		
12,600.00	6,840.00	12,629.62	6,840.00	181.91	180.18	-90.02	-1,812.63	-7,427.47	3,299.29	2,940.53	358.76	9.196		
12,700.00	6,840.00	12,729.62	6,840.00	184.55	182.82	-90.02	-1,812.14	-7,527.47	3,299.25	2,935.16	364.09	9.062		
12,800.00	6,840.00	12,829.62	6,840.00	187.19	185.45	-90.02	-1,811.65	-7,627.47	3,299.20	2,929.78	369.42	8.931		
12,900.00	6,840.00	12,929.62	6,840.00	189.84	188.09	-90.02	-1,811.17	-7,727.47	3,299.15	2,924.39	374.76	8.803		
13,000.00	6,840.00	13,029.62	6,840.00	192.48	190.73	-90.02	-1,810.68	-7,827.47	3,299.10	2,919.01	380.09	8.680		
13,100.00	6,840.00	13,129.62	6,840.00	195.13	193.37	-90.02	-1,810.20	-7,927.47	3,299.05	2,913.62	385.44	8.559		
13,200.00	6,840.00	13,229.62	6,840.00	197.79	196.02	-90.02	-1,809.71	-8,027.47	3,299.00	2,908.22	390.78	8.442		
13,300.00	6,840.00	13,329.62	6,840.00	200.44	198.67	-90.02	-1,809.23	-8,127.47	3,298.96	2,902.83	396.13	8.328		
13,400.00	6,840.00	13,429.62	6,840.00	203.10	201.32	-90.02	-1,808.74	-8,227.46	3,298.91	2,897.43	401.48	8.217		
13,500.00	6,840.00	13,529.62	6,840.00	205.75	203.97	-90.02	-1,808.25	-8,327.46	3,298.86	2,892.03	406.83	8.109		
13,600.00	6,840.00	13,629.62	6,840.00	208.41	206.62	-90.02	-1,807.77	-8,427.46	3,298.81	2,886.63	412.18	8.003		
13,700.00	6,840.00	13,729.62	6,840.00	211.07	209.27	-90.02	-1,807.28	-8,527.46	3,298.76	2,881.23	417.54	7.901		
13,800.00	6,840.00	13,829.62	6,840.00	213.74	211.93	-90.02	-1,806.80	-8,627.46	3,298.71	2,875.82	422.89	7.800		
13,900.00	6,840.00	13,929.62	6,840.00	216.40	214.59	-90.02	-1,806.31	-8,727.46	3,298.66	2,870.41	428.25	7.703		
14,000.00	6,840.00	14,029.62	6,840.00	219.06	217.25	-90.02	-1,805.82	-8,827.46	3,298.62	2,865.00	433.62	7.607		
14,100.00	6,840.00	14,129.62	6,840.00	221.73	219.91	-90.02	-1,805.34	-8,927.46	3,298.57	2,859.59	438.98	7.514		
14,200.00	6,840.00	14,229.62	6,840.00	224.40	222.57	-90.02	-1,804.85	-9,027.46	3,298.52	2,854.17	444.35	7.423		
14,300.00	6,840.00	14,329.62	6,840.00	227.07	225.24	-90.02	-1,804.37	-9,127.45	3,298.47	2,848.76	449.71	7.335		
14,400.00	6,840.00	14,429.62	6,840.00	229.74	227.90	-90.02	-1,803.88	-9,227.45	3,298.42	2,843.34	455.08	7.248		
14,500.00	6,840.00	14,529.62	6,840.00	232.41	230.57	-90.02	-1,803.39	-9,327.45	3,298.37	2,837.92	460.45	7.163		
14,600.00	6,840.00	14,629.62	6,840.00	235.08	233.24	-90.02	-1,802.91	-9,427.45	3,298.33	2,832.50	465.83	7.081		
14,700.00	6,840.00	14,729.62	6,840.00	237.75	235.91	-90.02	-1,802.42	-9,527.45	3,298.28	2,827.08	471.20	7.000		
14,800.00	6,840.00	14,829.62	6,840.00	240.43	238.58	-90.02	-1,801.94	-9,627.45	3,298.23	2,821.65	476.58	6.921		
14,900.00	6,840.00	14,929.62	6,840.00	243.10	241.25	-90.02	-1,801.45	-9,727.45	3,298.18	2,816.23	481.95	6.843		
15,000.00	6,840.00	15,029.62	6,840.00	245.78	243.92	-90.02	-1,800.96	-9,827.45	3,298.13	2,810.80	487.33	6.768		
15,100.00	6,840.00	15,129.62	6,840.00	248.46	246.60	-90.02	-1,800.48	-9,927.44	3,298.08	2,805.37	492.71	6.694		
15,200.00	6,840.00	15,229.62	6,840.00	251.14	249.27	-90.02	-1,799.99	-10,027.44	3,298.04	2,799.94	498.09	6.621		
15,300.00	6,840.00	15,329.62	6,840.00	253.82	251.95	-90.02	-1,799.51	-10,127.44	3,297.99	2,794.51	503.48	6.550		
15,400.00	6,840.00	15,429.62	6,840.00	256.50	254.62	-90.02	-1,799.02	-10,227.44	3,297.94	2,789.08	508.86	6.481		
15,500.00	6,840.00	15,529.62	6,840.00	259.18	257.30	-90.02	-1,798.54	-10,327.44	3,297.89	2,783.65	514.24	6.413		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-15 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,629.62	6,840.00	261.86	259.98	-90.02	-1,798.05	-10,427.44	3,297.84	2,778.21	519.63	6.347		
15,700.00	6,840.00	15,729.62	6,840.00	264.54	262.66	-90.02	-1,797.56	-10,527.44	3,297.79	2,772.78	525.02	6.281		
15,800.00	6,840.00	15,829.62	6,840.00	267.23	265.34	-90.02	-1,797.08	-10,627.44	3,297.75	2,767.34	530.40	6.217		
15,900.00	6,840.00	15,929.62	6,840.00	269.91	268.02	-90.02	-1,796.59	-10,727.43	3,297.70	2,761.90	535.79	6.155		
16,000.00	6,840.00	16,029.62	6,840.00	272.59	270.70	-90.02	-1,796.11	-10,827.43	3,297.65	2,756.46	541.18	6.093		
16,100.00	6,840.00	16,129.62	6,840.00	275.28	273.39	-90.02	-1,795.62	-10,927.43	3,297.60	2,751.03	546.57	6.033		
16,200.00	6,840.00	16,229.62	6,840.00	277.97	276.07	-90.02	-1,795.13	-11,027.43	3,297.55	2,745.58	551.97	5.974		
16,300.00	6,840.00	16,329.62	6,840.00	280.65	278.75	-90.02	-1,794.65	-11,127.43	3,297.50	2,740.14	557.36	5.916		
16,400.00	6,840.00	16,429.62	6,840.00	283.34	281.44	-90.02	-1,794.16	-11,227.43	3,297.45	2,734.70	562.75	5.860		
16,500.00	6,840.00	16,529.62	6,840.00	286.03	284.12	-90.02	-1,793.68	-11,327.43	3,297.41	2,729.26	568.15	5.804		
16,600.00	6,840.00	16,629.62	6,840.00	288.72	286.81	-90.02	-1,793.19	-11,427.43	3,297.36	2,723.81	573.54	5.749		
16,700.00	6,840.00	16,729.62	6,840.00	291.41	289.50	-90.02	-1,792.70	-11,527.43	3,297.31	2,718.37	578.94	5.695		
16,800.00	6,840.00	16,829.62	6,840.00	294.10	292.19	-90.02	-1,792.22	-11,627.42	3,297.26	2,712.92	584.34	5.643		
16,900.00	6,840.00	16,929.62	6,840.00	296.79	294.87	-90.02	-1,791.73	-11,727.42	3,297.21	2,707.48	589.74	5.591		
17,000.00	6,840.00	17,029.62	6,840.00	299.48	297.56	-90.02	-1,791.25	-11,827.42	3,297.16	2,702.03	595.13	5.540		
17,100.00	6,840.00	17,129.62	6,840.00	302.17	300.25	-90.02	-1,790.76	-11,927.42	3,297.12	2,696.58	600.53	5.490		
17,200.00	6,840.00	17,229.62	6,840.00	304.86	302.94	-90.02	-1,790.27	-12,027.42	3,297.07	2,691.13	605.93	5.441		
17,300.00	6,840.00	17,329.62	6,840.00	307.56	305.63	-90.02	-1,789.79	-12,127.42	3,297.02	2,685.68	611.33	5.393		
17,400.00	6,840.00	17,429.62	6,840.00	310.25	308.32	-90.02	-1,789.30	-12,227.42	3,296.97	2,680.23	616.74	5.346		
17,500.00	6,840.00	17,529.62	6,840.00	312.94	311.01	-90.02	-1,788.82	-12,327.42	3,296.92	2,674.78	622.14	5.299		
17,600.00	6,840.00	17,629.62	6,840.00	315.64	313.71	-90.02	-1,788.33	-12,427.41	3,296.87	2,669.33	627.54	5.254		
17,700.00	6,840.00	17,729.62	6,840.00	318.33	316.40	-90.02	-1,787.85	-12,527.41	3,296.83	2,663.88	632.95	5.209		
17,800.00	6,840.00	17,829.62	6,840.00	321.03	319.09	-90.02	-1,787.36	-12,627.41	3,296.78	2,658.43	638.35	5.165		
17,900.00	6,840.00	17,929.62	6,840.00	323.72	321.79	-90.02	-1,786.87	-12,727.41	3,296.73	2,652.97	643.75	5.121		
18,000.00	6,840.00	18,029.62	6,840.00	326.42	324.48	-90.02	-1,786.39	-12,827.41	3,296.68	2,647.52	649.16	5.078		
18,100.00	6,840.00	18,129.62	6,840.00	329.11	327.17	-90.02	-1,785.90	-12,927.41	3,296.63	2,642.07	654.57	5.036		
18,200.00	6,840.00	18,229.62	6,840.00	331.81	329.87	-90.02	-1,785.42	-13,027.41	3,296.58	2,636.61	659.97	4.995		
18,300.00	6,840.00	18,329.62	6,840.00	334.51	332.56	-90.02	-1,784.93	-13,127.41	3,296.53	2,631.16	665.38	4.954		
18,400.00	6,840.00	18,429.62	6,840.00	337.20	335.26	-90.02	-1,784.44	-13,227.41	3,296.49	2,625.70	670.79	4.914		
18,500.00	6,840.00	18,529.62	6,840.00	339.90	337.95	-90.02	-1,783.96	-13,327.40	3,296.44	2,620.24	676.19	4.875		
18,600.00	6,840.00	18,629.62	6,840.00	342.60	340.65	-90.02	-1,783.47	-13,427.40	3,296.39	2,614.79	681.60	4.836		
18,700.00	6,840.00	18,729.62	6,840.00	345.30	343.35	-90.02	-1,782.99	-13,527.40	3,296.34	2,609.33	687.01	4.798		
18,800.00	6,840.00	18,829.62	6,840.00	348.00	346.05	-90.02	-1,782.50	-13,627.40	3,296.29	2,603.87	692.42	4.761		
18,900.00	6,840.00	18,929.62	6,840.00	350.70	348.74	-90.02	-1,782.01	-13,727.40	3,296.24	2,598.41	697.83	4.724		
19,000.00	6,840.00	19,029.62	6,840.00	353.39	351.44	-90.02	-1,781.53	-13,827.40	3,296.20	2,592.95	703.24	4.687		
19,100.00	6,840.00	19,129.62	6,840.00	356.09	354.14	-90.02	-1,781.04	-13,927.40	3,296.15	2,587.50	708.65	4.651		
19,200.00	6,840.00	19,229.62	6,840.00	358.79	356.84	-90.02	-1,780.56	-14,027.40	3,296.10	2,582.04	714.06	4.616		
19,300.00	6,840.00	19,329.62	6,840.00	361.49	359.54	-90.02	-1,780.07	-14,127.39	3,296.05	2,576.58	719.48	4.581		
19,400.00	6,840.00	19,429.62	6,840.00	364.20	362.24	-90.02	-1,779.58	-14,227.39	3,296.00	2,571.11	724.89	4.547		
19,500.00	6,840.00	19,529.62	6,840.00	366.90	364.93	-90.02	-1,779.10	-14,327.39	3,295.95	2,565.65	730.30	4.513		
19,600.00	6,840.00	19,629.62	6,840.00	369.60	367.63	-90.02	-1,778.61	-14,427.39	3,295.91	2,560.19	735.71	4.480		
19,700.00	6,840.00	19,729.62	6,840.00	372.30	370.33	-90.02	-1,778.13	-14,527.39	3,295.86	2,554.73	741.13	4.447		
19,800.00	6,840.00	19,829.62	6,840.00	375.00	373.03	-90.02	-1,777.64	-14,627.39	3,295.81	2,549.27	746.54	4.415		
19,900.00	6,840.00	19,929.62	6,840.00	377.70	375.74	-90.02	-1,777.16	-14,727.39	3,295.76	2,543.81	751.95	4.383		
20,000.00	6,840.00	20,029.62	6,840.00	380.40	378.44	-90.02	-1,776.67	-14,827.39	3,295.71	2,538.34	757.37	4.352		
20,100.00	6,840.00	20,129.62	6,840.00	383.11	381.14	-90.02	-1,776.18	-14,927.39	3,295.66	2,532.88	762.78	4.321		
20,200.00	6,840.00	20,229.62	6,840.00	385.81	383.84	-90.02	-1,775.70	-15,027.38	3,295.62	2,527.42	768.20	4.290		
20,300.00	6,840.00	20,329.62	6,840.00	388.51	386.54	-90.02	-1,775.21	-15,127.38	3,295.57	2,521.95	773.61	4.260		
20,400.00	6,840.00	20,429.62	6,840.00	391.22	389.24	-90.02	-1,774.73	-15,227.38	3,295.52	2,516.49	779.03	4.230		
20,500.00	6,840.00	20,529.62	6,840.00	393.92	391.94	-90.02	-1,774.24	-15,327.38	3,295.47	2,511.02	784.45	4.201		
20,526.65	6,840.00	20,556.27	6,840.00	394.64	392.67	-90.02	-1,774.11	-15,354.03	3,295.46	2,509.57	785.89	4.193		
20,539.70	6,840.00	20,552.28	6,840.00	394.99	392.56	-90.02	-1,774.13	-15,350.04	3,295.49	2,509.36	786.13	4.192 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-179.94	-247.36	-0.28	247.36					
100.00	100.00	100.00	100.00	0.13	0.13	-179.94	-247.36	-0.28	247.36	247.09	0.27	920.063	CC, ES	
200.00	200.00	194.39	194.38	0.49	0.47	-179.67	-248.42	-1.42	248.49	247.53	0.96	258.529		
300.00	300.00	288.58	288.44	0.85	0.81	-178.90	-251.60	-4.81	251.91	250.25	1.66	151.879		
400.00	400.00	382.36	381.91	1.21	1.16	-177.67	-256.86	-10.44	257.70	255.34	2.36	109.052		
500.00	500.00	475.54	474.47	1.57	1.53	-176.05	-264.14	-18.24	266.00	262.93	3.07	86.560		
600.00	599.98	567.96	565.88	1.92	1.92	-119.60	-273.40	-28.14	277.81	274.02	3.79	73.362		
700.00	699.84	659.45	655.90	2.28	2.33	-118.00	-284.54	-40.06	293.92	289.42	4.51	65.212		
800.00	799.45	749.78	744.22	2.65	2.76	-116.67	-297.46	-53.89	314.18	308.95	5.24	59.996		
900.00	898.70	838.75	830.59	3.02	3.23	-115.57	-312.04	-69.49	338.42	332.44	5.98	56.599		
1,000.00	997.47	926.19	914.79	3.42	3.71	-114.68	-328.14	-86.73	366.49	359.75	6.74	54.372		
1,100.00	1,095.62	1,011.93	996.61	3.84	4.22	-113.96	-345.62	-105.44	398.24	390.72	7.52	52.969		
1,200.00	1,193.06	1,095.82	1,075.89	4.30	4.75	-113.37	-364.34	-125.47	433.55	425.22	8.33	52.062		
1,300.00	1,289.64	1,177.73	1,152.49	4.79	5.31	-112.86	-384.14	-146.66	472.28	463.11	9.17	51.501		
1,400.00	1,385.27	1,257.57	1,226.32	5.33	5.89	-112.40	-404.87	-168.85	514.30	504.26	10.05	51.190		
1,500.00	1,479.82	1,338.25	1,297.12	5.92	6.50	-111.96	-426.32	-191.80	559.50	548.53	10.97	50.995		
1,600.00	1,573.17	1,422.82	1,376.86	6.56	7.17	-111.72	-451.40	-218.63	606.89	594.87	12.03	50.467		
1,700.00	1,665.22	1,509.70	1,455.77	7.26	7.86	-111.77	-476.21	-245.19	655.51	642.36	13.15	49.843		
1,800.00	1,756.74	1,603.80	1,534.34	7.99	8.62	-112.71	-500.92	-271.64	704.72	690.37	14.35	49.099		
1,900.00	1,848.26	1,682.70	1,612.90	8.75	9.26	-113.53	-525.63	-298.08	754.06	738.58	15.48	48.716		
2,000.00	1,939.78	1,769.20	1,691.47	9.51	9.97	-114.25	-550.34	-324.52	803.50	786.83	16.66	48.215		
2,100.00	2,031.30	1,855.70	1,770.04	10.29	10.67	-114.89	-575.05	-350.97	853.03	835.16	17.86	47.756		
2,200.00	2,122.82	1,942.20	1,848.60	11.07	11.38	-115.46	-599.76	-377.41	902.62	883.56	19.07	47.337		
2,300.00	2,214.34	2,028.70	1,927.17	11.86	12.09	-115.97	-624.47	-403.85	952.28	932.00	20.28	46.955		
2,400.00	2,305.85	2,115.20	2,005.73	12.66	12.81	-116.43	-649.18	-430.30	1,001.99	980.50	21.50	46.606		
2,500.00	2,397.37	2,201.70	2,084.30	13.46	13.52	-116.85	-673.88	-456.74	1,051.75	1,029.03	22.72	46.287		
2,600.00	2,488.89	2,288.20	2,162.86	14.26	14.24	-117.23	-698.59	-483.18	1,101.54	1,077.59	23.95	45.994		
2,700.00	2,580.41	2,374.70	2,241.43	15.07	14.95	-117.57	-723.30	-509.62	1,151.37	1,126.19	25.18	45.725		
2,800.00	2,671.93	2,461.20	2,319.99	15.88	15.67	-117.89	-748.01	-536.07	1,201.22	1,174.81	26.41	45.477		
2,900.00	2,763.45	2,547.70	2,398.56	16.69	16.39	-118.18	-772.72	-562.51	1,251.11	1,223.46	27.65	45.249		
3,000.00	2,854.97	2,634.20	2,477.13	17.51	17.11	-118.45	-797.43	-588.95	1,301.01	1,272.12	28.89	45.037		
3,100.00	2,946.49	2,720.70	2,555.69	18.32	17.83	-118.70	-822.14	-615.40	1,350.93	1,320.81	30.13	44.841		
3,200.00	3,038.00	2,807.20	2,634.26	19.14	18.55	-118.94	-846.85	-641.84	1,400.88	1,369.51	31.37	44.658		
3,300.00	3,129.52	2,906.30	2,712.82	19.96	19.37	-119.15	-871.55	-668.28	1,450.83	1,418.14	32.70	44.372		
3,400.00	3,221.04	2,980.20	2,791.39	20.77	19.99	-119.35	-896.26	-694.73	1,500.81	1,466.95	33.86	44.329		
3,500.00	3,312.56	3,066.70	2,869.95	21.59	20.71	-119.54	-920.97	-721.17	1,550.79	1,515.69	35.10	44.180		
3,600.00	3,404.08	3,153.20	2,948.52	22.42	21.43	-119.72	-945.68	-747.61	1,600.79	1,564.44	36.35	44.041		
3,700.00	3,495.60	3,239.70	3,027.08	23.24	22.15	-119.89	-970.39	-774.05	1,650.80	1,613.21	37.60	43.910		
3,800.00	3,587.12	3,326.20	3,105.65	24.06	22.87	-120.05	-995.10	-800.50	1,700.82	1,661.98	38.84	43.787		
3,900.00	3,678.63	3,412.70	3,184.21	24.88	23.59	-120.19	-1,019.81	-826.94	1,750.85	1,710.75	40.09	43.671		
4,000.00	3,770.15	3,500.80	3,262.78	25.71	24.33	-120.33	-1,044.52	-853.38	1,800.88	1,759.53	41.35	43.549		
4,100.00	3,861.67	3,585.70	3,341.35	26.53	25.03	-120.47	-1,069.22	-879.83	1,850.93	1,808.33	42.59	43.457		
4,200.00	3,953.19	3,672.20	3,419.91	27.35	25.76	-120.59	-1,093.93	-906.27	1,900.98	1,857.13	43.84	43.359		
4,300.00	4,044.71	3,758.70	3,498.48	28.18	26.48	-120.71	-1,118.64	-932.71	1,951.03	1,905.94	45.09	43.266		
4,400.00	4,136.23	3,845.21	3,577.04	29.01	27.20	-120.82	-1,143.35	-959.16	2,001.10	1,954.75	46.35	43.177		
4,500.00	4,227.75	3,931.71	3,655.61	29.83	27.92	-120.93	-1,168.06	-985.60	2,051.17	2,003.57	47.60	43.093		
4,600.00	4,319.27	4,018.21	3,734.17	30.66	28.65	-121.03	-1,192.77	-1,012.04	2,101.24	2,052.39	48.85	43.013		
4,700.00	4,410.78	4,104.71	3,812.74	31.48	29.37	-121.13	-1,217.48	-1,038.49	2,151.32	2,101.21	50.11	42.936		
4,800.00	4,502.30	4,208.79	3,891.30	32.31	30.24	-121.22	-1,242.19	-1,064.93	2,201.40	2,149.92	51.48	42.762		
4,900.00	4,593.82	4,277.71	3,969.87	33.14	30.82	-121.31	-1,266.90	-1,091.37	2,251.49	2,198.88	52.61	42.793		
5,000.00	4,685.34	4,364.21	4,048.44	33.96	31.54	-121.40	-1,291.60	-1,117.81	2,301.58	2,247.71	53.87	42.727		
5,100.00	4,776.86	4,450.71	4,127.00	34.79	32.26	-121.48	-1,316.31	-1,144.26	2,351.68	2,296.55	55.12	42.663		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,537.21	4,205.57	35.62	32.98	-121.56	-1,341.02	-1,170.70	2,401.77	2,345.40	56.38	42.602		
5,300.00	4,959.90	4,623.71	4,284.13	36.45	33.71	-121.63	-1,365.73	-1,197.14	2,451.88	2,394.24	57.63	42.543		
5,400.00	5,051.41	4,710.21	4,362.70	37.27	34.43	-121.70	-1,390.44	-1,223.59	2,501.98	2,443.09	58.89	42.486		
5,500.00	5,142.93	4,803.29	4,441.26	38.10	35.21	-121.77	-1,415.15	-1,250.03	2,552.09	2,491.90	60.19	42.400		
5,600.00	5,234.45	4,883.21	4,519.83	38.93	35.88	-121.84	-1,439.86	-1,276.47	2,602.20	2,540.80	61.40	42.380		
5,700.00	5,325.97	4,969.71	4,598.39	39.76	36.60	-121.90	-1,464.57	-1,302.92	2,652.31	2,589.65	62.66	42.330		
5,800.00	5,417.49	5,056.21	4,676.96	40.59	37.33	-121.96	-1,489.27	-1,329.36	2,702.43	2,638.51	63.92	42.281		
5,900.00	5,509.01	5,142.71	4,755.52	41.42	38.05	-122.02	-1,513.98	-1,355.80	2,752.54	2,687.37	65.17	42.234		
6,000.00	5,600.53	5,229.21	4,834.09	42.25	38.77	-122.08	-1,538.69	-1,382.24	2,802.66	2,736.23	66.43	42.189		
6,100.00	5,692.04	5,315.71	4,912.66	43.07	39.50	-122.14	-1,563.40	-1,408.69	2,852.78	2,785.10	67.69	42.146		
6,200.00	5,783.56	5,402.21	4,991.22	43.90	40.22	-122.19	-1,588.11	-1,435.13	2,902.91	2,833.96	68.95	42.104		
6,300.00	5,875.08	5,488.71	5,069.79	44.73	40.94	-122.24	-1,612.82	-1,461.57	2,953.03	2,882.83	70.20	42.063		
6,400.00	5,966.60	5,575.21	5,148.35	45.56	41.67	-122.29	-1,637.53	-1,488.02	3,003.16	2,931.69	71.46	42.024		
6,500.00	6,058.12	5,661.71	5,226.92	46.39	42.39	-122.34	-1,662.24	-1,514.46	3,053.29	2,980.56	72.72	41.985		
6,600.00	6,149.64	5,748.21	5,305.48	47.22	43.12	-122.38	-1,686.94	-1,540.90	3,103.42	3,029.44	73.98	41.948		
6,700.00	6,241.16	5,834.71	5,384.05	48.05	43.84	-122.43	-1,711.65	-1,567.35	3,153.55	3,078.31	75.24	41.913		
6,800.00	6,332.68	5,921.21	5,462.61	48.88	44.56	-122.47	-1,736.36	-1,593.79	3,203.68	3,127.18	76.50	41.878		
6,900.00	6,424.19	6,007.71	5,541.18	49.71	45.29	-122.52	-1,761.07	-1,620.23	3,253.82	3,176.06	77.76	41.844		
7,000.00	6,514.88	6,105.80	5,619.73	50.58	46.11	-113.49	-1,785.78	-1,646.67	3,303.73	3,224.59	79.14	41.745		
7,100.00	6,599.14	6,179.57	5,697.28	51.67	46.73	-101.16	-1,810.16	-1,672.77	3,351.74	3,271.14	80.60	41.586		
7,200.00	6,673.85	6,261.33	5,771.54	53.01	47.41	-92.71	-1,833.52	-1,697.76	3,396.53	3,314.15	82.38	41.230		
7,300.00	6,736.73	6,336.99	5,840.25	54.56	48.04	-86.67	-1,855.13	-1,720.89	3,437.26	3,352.90	84.36	40.746		
7,400.00	6,785.87	6,404.25	5,901.34	56.29	48.61	-82.31	-1,874.34	-1,741.45	3,473.30	3,386.84	86.47	40.168		
7,500.00	6,819.79	6,461.06	5,952.94	58.13	49.08	-79.18	-1,890.57	-1,758.82	3,504.27	3,415.64	88.63	39.538		
7,600.00	6,837.44	6,505.71	5,993.49	60.02	49.46	-77.01	-1,903.32	-1,772.47	3,529.91	3,439.15	90.76	38.894		
7,700.00	6,840.00	6,538.27	6,023.07	61.90	49.73	-76.39	-1,912.62	-1,782.42	3,550.85	3,458.08	92.78	38.273		
7,800.00	6,840.00	6,568.71	6,050.72	63.83	49.98	-76.87	-1,921.32	-1,791.73	3,573.01	3,478.23	94.78	37.700		
7,900.00	6,840.00	6,600.85	6,078.37	65.81	50.25	-77.35	-1,930.02	-1,801.04	3,597.55	3,500.77	96.78	37.172		
8,000.00	6,840.00	6,629.60	6,106.02	67.84	50.49	-77.82	-1,938.71	-1,810.34	3,624.43	3,525.68	98.75	36.702		
8,100.00	6,840.00	8,204.29	6,840.00	69.91	72.01	-90.00	-2,165.24	-2,929.44	3,632.22	3,503.11	129.11	28.132		
8,200.00	6,840.00	8,304.29	6,840.00	72.03	73.94	-90.00	-2,164.74	-3,029.44	3,632.16	3,498.54	133.62	27.182		
8,300.00	6,840.00	8,404.29	6,840.00	74.18	75.92	-90.00	-2,164.25	-3,129.44	3,632.11	3,493.91	138.20	26.281		
8,400.00	6,840.00	8,504.29	6,840.00	76.37	77.94	-90.00	-2,163.75	-3,229.44	3,632.05	3,489.21	142.84	25.427		
8,500.00	6,840.00	8,604.29	6,840.00	78.59	80.00	-90.00	-2,163.26	-3,329.44	3,631.99	3,484.46	147.54	24.618		
8,600.00	6,840.00	8,704.29	6,840.00	80.85	82.10	-90.00	-2,162.76	-3,429.44	3,631.94	3,479.66	152.28	23.851		
8,700.00	6,840.00	8,804.29	6,840.00	83.13	84.24	-90.00	-2,162.27	-3,529.44	3,631.88	3,474.81	157.07	23.123		
8,800.00	6,840.00	8,895.71	6,840.00	85.44	86.22	-90.00	-2,161.78	-3,629.44	3,631.82	3,470.13	161.69	22.462		
8,900.00	6,840.00	8,995.71	6,840.00	87.77	88.43	-90.00	-2,161.28	-3,729.43	3,631.77	3,465.21	166.56	21.805		
9,000.00	6,840.00	9,095.71	6,840.00	90.12	90.66	-90.00	-2,160.79	-3,829.43	3,631.71	3,460.25	171.46	21.181		
9,100.00	6,840.00	9,204.29	6,840.00	92.50	93.11	-90.00	-2,160.29	-3,929.43	3,631.65	3,455.05	176.60	20.564		
9,200.00	6,840.00	9,304.29	6,840.00	94.89	95.40	-90.00	-2,159.80	-4,029.43	3,631.60	3,450.03	181.56	20.002		
9,300.00	6,840.00	9,404.29	6,840.00	97.30	97.70	-90.00	-2,159.30	-4,129.43	3,631.54	3,444.99	186.55	19.467		
9,400.00	6,840.00	9,504.29	6,840.00	99.73	100.04	-90.00	-2,158.81	-4,229.43	3,631.48	3,439.92	191.56	18.957		
9,500.00	6,840.00	9,604.29	6,840.00	102.17	102.39	-90.00	-2,158.31	-4,329.43	3,631.42	3,434.82	196.60	18.471		
9,600.00	6,840.00	9,704.29	6,840.00	104.63	104.76	-90.00	-2,157.82	-4,429.43	3,631.37	3,429.71	201.66	18.008		
9,700.00	6,840.00	9,804.29	6,840.00	107.10	107.15	-90.00	-2,157.33	-4,529.42	3,631.31	3,424.58	206.73	17.565		
9,800.00	6,840.00	9,904.29	6,840.00	109.58	109.55	-90.00	-2,156.83	-4,629.42	3,631.25	3,419.42	211.83	17.142		
9,900.00	6,840.00	10,004.29	6,840.00	112.07	111.97	-90.00	-2,156.34	-4,729.42	3,631.20	3,414.26	216.94	16.738		
10,000.00	6,840.00	10,104.29	6,840.00	114.58	114.40	-90.00	-2,155.84	-4,829.42	3,631.14	3,409.07	222.07	16.352		
10,100.00	6,840.00	10,204.29	6,840.00	117.09	116.85	-90.00	-2,155.35	-4,929.42	3,631.08	3,403.87	227.21	15.981		
10,200.00	6,840.00	10,295.71	6,840.00	119.61	119.10	-90.00	-2,154.85	-5,029.42	3,631.03	3,398.88	232.14	15.641		
10,300.00	6,840.00	10,404.29	6,840.00	122.14	121.78	-90.00	-2,154.36	-5,129.42	3,630.97	3,393.44	237.53	15.286		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,495.71	6,840.00	124.68	124.05	-90.00	-2,153.86	-5,229.42	3,630.91	3,388.42	242.49	14.973		
10,500.00	6,840.00	10,604.29	6,840.00	127.23	126.76	-90.00	-2,153.37	-5,329.41	3,630.86	3,382.95	247.90	14.646		
10,600.00	6,840.00	10,704.29	6,840.00	129.78	129.26	-90.00	-2,152.88	-5,429.41	3,630.80	3,377.69	253.10	14.345		
10,700.00	6,840.00	10,804.29	6,840.00	132.35	131.78	-90.00	-2,152.38	-5,529.41	3,630.74	3,372.43	258.31	14.056		
10,800.00	6,840.00	10,904.29	6,840.00	134.91	134.30	-90.00	-2,151.89	-5,629.41	3,630.68	3,367.15	263.53	13.777		
10,900.00	6,840.00	11,004.29	6,840.00	137.49	136.82	-90.00	-2,151.39	-5,729.41	3,630.63	3,361.86	268.76	13.509		
11,000.00	6,840.00	11,104.29	6,840.00	140.07	139.36	-90.00	-2,150.90	-5,829.41	3,630.57	3,356.57	274.00	13.250		
11,100.00	6,840.00	11,204.29	6,840.00	142.65	141.91	-90.00	-2,150.40	-5,929.41	3,630.51	3,351.27	279.25	13.001		
11,200.00	6,840.00	11,304.29	6,840.00	145.24	144.46	-90.00	-2,149.91	-6,029.41	3,630.46	3,345.96	284.50	12.761		
11,300.00	6,840.00	11,404.29	6,840.00	147.83	147.01	-90.00	-2,149.41	-6,129.40	3,630.40	3,340.64	289.76	12.529		
11,400.00	6,840.00	11,504.29	6,840.00	150.43	149.58	-90.00	-2,148.92	-6,229.40	3,630.34	3,335.32	295.02	12.305		
11,500.00	6,840.00	11,604.29	6,840.00	153.04	152.14	-90.00	-2,148.43	-6,329.40	3,630.29	3,329.99	300.30	12.089		
11,600.00	6,840.00	11,704.29	6,840.00	155.64	154.72	-90.00	-2,147.93	-6,429.40	3,630.23	3,324.66	305.57	11.880		
11,700.00	6,840.00	11,804.29	6,840.00	158.26	157.30	-90.00	-2,147.44	-6,529.40	3,630.17	3,319.32	310.86	11.678		
11,800.00	6,840.00	11,904.29	6,840.00	160.87	159.88	-90.00	-2,146.94	-6,629.40	3,630.12	3,313.97	316.15	11.482		
11,900.00	6,840.00	12,004.29	6,840.00	163.49	162.47	-90.00	-2,146.45	-6,729.40	3,630.06	3,308.62	321.44	11.293		
12,000.00	6,840.00	12,104.29	6,840.00	166.11	165.07	-90.00	-2,145.95	-6,829.40	3,630.00	3,303.26	326.74	11.110		
12,100.00	6,840.00	12,195.71	6,840.00	168.74	167.44	-90.00	-2,145.46	-6,929.40	3,629.94	3,298.13	331.81	10.940		
12,200.00	6,840.00	12,304.29	6,840.00	171.37	170.27	-90.00	-2,144.96	-7,029.39	3,629.89	3,292.54	337.35	10.760		
12,300.00	6,840.00	12,404.29	6,840.00	174.00	172.87	-90.00	-2,144.47	-7,129.39	3,629.83	3,287.17	342.66	10.593		
12,400.00	6,840.00	12,504.29	6,840.00	176.63	175.48	-90.00	-2,143.98	-7,229.39	3,629.77	3,281.80	347.98	10.431		
12,500.00	6,840.00	12,604.29	6,840.00	179.27	178.09	-90.00	-2,143.48	-7,329.39	3,629.72	3,276.42	353.29	10.274		
12,600.00	6,840.00	12,704.29	6,840.00	181.91	180.71	-90.00	-2,142.99	-7,429.39	3,629.66	3,271.04	358.62	10.121		
12,700.00	6,840.00	12,804.29	6,840.00	184.55	183.33	-90.00	-2,142.49	-7,529.39	3,629.60	3,265.66	363.94	9.973		
12,800.00	6,840.00	12,904.29	6,840.00	187.19	185.95	-90.00	-2,142.00	-7,629.39	3,629.55	3,260.27	369.27	9.829		
12,900.00	6,840.00	13,004.29	6,840.00	189.84	188.58	-90.00	-2,141.50	-7,729.39	3,629.49	3,254.88	374.61	9.689		
13,000.00	6,840.00	13,104.29	6,840.00	192.48	191.20	-90.00	-2,141.01	-7,829.38	3,629.43	3,249.49	379.94	9.553		
13,100.00	6,840.00	13,204.29	6,840.00	195.13	193.83	-90.00	-2,140.51	-7,929.38	3,629.37	3,244.09	385.28	9.420		
13,200.00	6,840.00	13,304.29	6,840.00	197.79	196.47	-90.00	-2,140.02	-8,029.38	3,629.32	3,238.70	390.62	9.291		
13,300.00	6,840.00	13,404.29	6,840.00	200.44	199.10	-90.00	-2,139.53	-8,129.38	3,629.26	3,233.29	395.97	9.166		
13,400.00	6,840.00	13,504.29	6,840.00	203.10	201.74	-90.00	-2,139.03	-8,229.38	3,629.20	3,227.89	401.31	9.043		
13,500.00	6,840.00	13,604.29	6,840.00	205.75	204.38	-90.00	-2,138.54	-8,329.38	3,629.15	3,222.48	406.66	8.924		
13,600.00	6,840.00	13,704.29	6,840.00	208.41	207.02	-90.00	-2,138.04	-8,429.38	3,629.09	3,217.08	412.01	8.808		
13,700.00	6,840.00	13,795.71	6,840.00	211.07	209.44	-90.00	-2,137.55	-8,529.38	3,629.03	3,211.69	417.14	8.700		
13,800.00	6,840.00	13,904.29	6,840.00	213.74	212.32	-90.00	-2,137.05	-8,629.37	3,628.98	3,206.25	422.72	8.585		
13,900.00	6,840.00	14,004.29	6,840.00	216.40	214.96	-90.00	-2,136.56	-8,729.37	3,628.92	3,200.84	428.08	8.477		
14,000.00	6,840.00	14,104.29	6,840.00	219.06	217.61	-90.00	-2,136.06	-8,829.37	3,628.86	3,195.42	433.44	8.372		
14,100.00	6,840.00	14,204.29	6,840.00	221.73	220.27	-90.00	-2,135.57	-8,929.37	3,628.81	3,190.00	438.81	8.270		
14,200.00	6,840.00	14,304.29	6,840.00	224.40	222.92	-90.00	-2,135.08	-9,029.37	3,628.75	3,184.58	444.17	8.170		
14,300.00	6,840.00	14,404.29	6,840.00	227.07	225.57	-90.00	-2,134.58	-9,129.37	3,628.69	3,179.16	449.54	8.072		
14,400.00	6,840.00	14,504.29	6,840.00	229.74	228.23	-90.00	-2,134.09	-9,229.37	3,628.63	3,173.73	454.90	7.977		
14,500.00	6,840.00	14,604.29	6,840.00	232.41	230.89	-90.00	-2,133.59	-9,329.37	3,628.58	3,168.31	460.27	7.884		
14,600.00	6,840.00	14,704.29	6,840.00	235.08	233.55	-90.00	-2,133.10	-9,429.36	3,628.52	3,162.88	465.64	7.792		
14,700.00	6,840.00	14,804.29	6,840.00	237.75	236.21	-90.00	-2,132.60	-9,529.36	3,628.46	3,157.45	471.02	7.703		
14,800.00	6,840.00	14,904.29	6,840.00	240.43	238.87	-90.00	-2,132.11	-9,629.36	3,628.41	3,152.02	476.39	7.616		
14,900.00	6,840.00	15,004.29	6,840.00	243.10	241.54	-90.00	-2,131.62	-9,729.36	3,628.35	3,146.58	481.77	7.531		
15,000.00	6,840.00	15,104.29	6,840.00	245.78	244.20	-90.00	-2,131.12	-9,829.36	3,628.29	3,141.15	487.14	7.448		
15,100.00	6,840.00	15,204.29	6,840.00	248.46	246.87	-90.00	-2,130.63	-9,929.36	3,628.24	3,135.72	492.52	7.367		
15,200.00	6,840.00	15,304.29	6,840.00	251.14	249.54	-90.00	-2,130.13	-10,029.36	3,628.18	3,130.28	497.90	7.287		
15,300.00	6,840.00	15,404.29	6,840.00	253.82	252.21	-90.00	-2,129.64	-10,129.36	3,628.12	3,124.84	503.28	7.209		
15,400.00	6,840.00	15,504.29	6,840.00	256.50	254.88	-90.00	-2,129.14	-10,229.35	3,628.07	3,119.40	508.66	7.133		
15,500.00	6,840.00	15,604.29	6,840.00	259.18	257.55	-90.00	-2,128.65	-10,329.35	3,628.01	3,113.96	514.05	7.058		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-16 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,704.29	6,840.00	261.86	260.22	-90.00	-2,128.15	-10,429.35	3,627.95	3,108.52	519.43	6.984		
15,700.00	6,840.00	15,804.29	6,840.00	264.54	262.89	-90.00	-2,127.66	-10,529.35	3,627.89	3,103.08	524.82	6.913		
15,800.00	6,840.00	15,904.29	6,840.00	267.23	265.57	-90.00	-2,127.17	-10,629.35	3,627.84	3,097.63	530.20	6.842		
15,900.00	6,840.00	16,004.29	6,840.00	269.91	268.24	-90.00	-2,126.67	-10,729.35	3,627.78	3,092.19	535.59	6.773		
16,000.00	6,840.00	16,104.29	6,840.00	272.59	270.92	-90.00	-2,126.18	-10,829.35	3,627.72	3,086.74	540.98	6.706		
16,100.00	6,840.00	16,204.29	6,840.00	275.28	273.60	-90.00	-2,125.68	-10,929.35	3,627.67	3,081.30	546.37	6.640		
16,200.00	6,840.00	16,304.29	6,840.00	277.97	276.27	-90.00	-2,125.19	-11,029.34	3,627.61	3,075.85	551.76	6.575		
16,300.00	6,840.00	16,404.29	6,840.00	280.65	278.95	-90.00	-2,124.69	-11,129.34	3,627.55	3,070.40	557.15	6.511		
16,400.00	6,840.00	16,504.29	6,840.00	283.34	281.63	-90.00	-2,124.20	-11,229.34	3,627.50	3,064.95	562.55	6.448		
16,500.00	6,840.00	16,604.29	6,840.00	286.03	284.31	-90.00	-2,123.70	-11,329.34	3,627.44	3,059.50	567.94	6.387		
16,600.00	6,840.00	16,704.29	6,840.00	288.72	286.99	-90.00	-2,123.21	-11,429.34	3,627.38	3,054.05	573.34	6.327		
16,700.00	6,840.00	16,804.29	6,840.00	291.41	289.68	-90.00	-2,122.72	-11,529.34	3,627.33	3,048.59	578.73	6.268		
16,800.00	6,840.00	16,904.29	6,840.00	294.10	292.36	-90.00	-2,122.22	-11,629.34	3,627.27	3,043.14	584.13	6.210		
16,900.00	6,840.00	17,004.29	6,840.00	296.79	295.04	-90.00	-2,121.73	-11,729.34	3,627.21	3,037.69	589.52	6.153		
17,000.00	6,840.00	17,104.29	6,840.00	299.48	297.73	-90.00	-2,121.23	-11,829.33	3,627.15	3,032.23	594.92	6.097		
17,100.00	6,840.00	17,204.29	6,840.00	302.17	300.41	-90.00	-2,120.74	-11,929.33	3,627.10	3,026.78	600.32	6.042		
17,200.00	6,840.00	17,295.71	6,840.00	304.86	302.87	-90.00	-2,120.24	-12,029.33	3,627.04	3,021.55	605.49	5.990		
17,300.00	6,840.00	17,404.29	6,840.00	307.56	305.78	-90.00	-2,119.75	-12,129.33	3,626.98	3,015.86	611.12	5.935		
17,400.00	6,840.00	17,504.29	6,840.00	310.25	308.47	-90.00	-2,119.25	-12,229.33	3,626.93	3,010.41	616.52	5.883		
17,500.00	6,840.00	17,604.29	6,840.00	312.94	311.16	-90.00	-2,118.76	-12,329.33	3,626.87	3,004.95	621.92	5.832		
17,600.00	6,840.00	17,704.29	6,840.00	315.64	313.84	-90.00	-2,118.27	-12,429.33	3,626.81	2,999.49	627.32	5.781		
17,700.00	6,840.00	17,804.29	6,840.00	318.33	316.53	-90.00	-2,117.77	-12,529.33	3,626.76	2,994.03	632.73	5.732		
17,800.00	6,840.00	17,904.29	6,840.00	321.03	319.22	-90.00	-2,117.28	-12,629.32	3,626.70	2,988.57	638.13	5.683		
17,900.00	6,840.00	18,004.29	6,840.00	323.72	321.91	-90.00	-2,116.78	-12,729.32	3,626.64	2,983.11	643.53	5.636		
18,000.00	6,840.00	18,104.29	6,840.00	326.42	324.60	-90.00	-2,116.29	-12,829.32	3,626.59	2,977.65	648.94	5.588		
18,100.00	6,840.00	18,204.29	6,840.00	329.11	327.29	-90.00	-2,115.79	-12,929.32	3,626.53	2,972.19	654.34	5.542		
18,200.00	6,840.00	18,304.29	6,840.00	331.81	329.98	-90.00	-2,115.30	-13,029.32	3,626.47	2,966.72	659.75	5.497		
18,300.00	6,840.00	18,404.29	6,840.00	334.51	332.67	-90.00	-2,114.80	-13,129.32	3,626.41	2,961.26	665.16	5.452		
18,400.00	6,840.00	18,504.29	6,840.00	337.20	335.36	-90.00	-2,114.31	-13,229.32	3,626.36	2,955.80	670.56	5.408		
18,500.00	6,840.00	18,604.29	6,840.00	339.90	338.06	-90.00	-2,113.82	-13,329.32	3,626.30	2,950.33	675.97	5.365		
18,600.00	6,840.00	18,704.29	6,840.00	342.60	340.75	-90.00	-2,113.32	-13,429.31	3,626.24	2,944.87	681.38	5.322		
18,700.00	6,840.00	18,804.29	6,840.00	345.30	343.44	-90.00	-2,112.83	-13,529.31	3,626.19	2,939.40	686.79	5.280		
18,800.00	6,840.00	18,904.29	6,840.00	348.00	346.14	-90.00	-2,112.33	-13,629.31	3,626.13	2,933.94	692.19	5.239		
18,900.00	6,840.00	19,004.29	6,840.00	350.70	348.83	-90.00	-2,111.84	-13,729.31	3,626.07	2,928.47	697.60	5.198		
19,000.00	6,840.00	19,104.29	6,840.00	353.39	351.52	-90.00	-2,111.34	-13,829.31	3,626.02	2,923.00	703.01	5.158		
19,100.00	6,840.00	19,204.29	6,840.00	356.09	354.22	-90.00	-2,110.85	-13,929.31	3,625.96	2,917.54	708.42	5.118		
19,200.00	6,840.00	19,304.29	6,840.00	358.79	356.91	-90.00	-2,110.35	-14,029.31	3,625.90	2,912.07	713.83	5.079		
19,300.00	6,840.00	19,404.29	6,840.00	361.49	359.61	-90.00	-2,109.86	-14,129.31	3,625.85	2,906.60	719.25	5.041		
19,400.00	6,840.00	19,495.71	6,840.00	364.20	362.07	-90.00	-2,109.37	-14,229.30	3,625.79	2,901.36	724.42	5.005		
19,500.00	6,840.00	19,604.29	6,840.00	366.90	365.00	-90.00	-2,108.87	-14,329.30	3,625.73	2,895.66	730.07	4.966		
19,600.00	6,840.00	19,704.29	6,840.00	369.60	367.70	-90.00	-2,108.38	-14,429.30	3,625.67	2,890.19	735.48	4.930		
19,700.00	6,840.00	19,804.29	6,840.00	372.30	370.40	-90.00	-2,107.88	-14,529.30	3,625.62	2,884.72	740.89	4.894		
19,800.00	6,840.00	19,904.29	6,840.00	375.00	373.09	-90.00	-2,107.39	-14,629.30	3,625.56	2,879.25	746.31	4.858		
19,900.00	6,840.00	20,004.29	6,840.00	377.70	375.79	-90.00	-2,106.89	-14,729.30	3,625.50	2,873.78	751.72	4.823		
20,000.00	6,840.00	20,104.29	6,840.00	380.40	378.49	-90.00	-2,106.40	-14,829.30	3,625.45	2,868.31	757.13	4.788		
20,100.00	6,840.00	20,204.29	6,840.00	383.11	381.19	-90.00	-2,105.90	-14,929.30	3,625.39	2,862.84	762.55	4.754		
20,200.00	6,840.00	20,304.29	6,840.00	385.81	383.89	-90.00	-2,105.41	-15,029.29	3,625.33	2,857.37	767.96	4.721		
20,300.00	6,840.00	20,404.29	6,840.00	388.51	386.59	-90.00	-2,104.92	-15,129.29	3,625.28	2,851.90	773.38	4.688		
20,400.00	6,840.00	20,504.29	6,840.00	391.22	389.28	-90.00	-2,104.42	-15,229.29	3,625.22	2,846.43	778.79	4.655		
20,500.00	6,840.00	20,595.71	6,840.00	393.92	391.75	-90.00	-2,103.93	-15,329.29	3,625.16	2,841.19	783.98	4.624		
20,522.29	6,840.00	20,618.00	6,840.00	394.52	392.35	-90.00	-2,103.82	-15,351.58	3,625.15	2,839.97	785.18	4.617		
20,539.70	6,840.00	20,616.38	6,840.00	394.99	392.31	-90.00	-2,103.82	-15,349.96	3,625.19	2,839.56	785.63	4.614 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-51.30	2,300.74	-2,872.10	3,680.62					
100.00	100.00	36.71	36.71	0.13	0.04	-51.30	2,300.78	-2,872.04	3,679.97	3,679.80	0.17	N/A		
200.00	200.00	146.93	146.93	0.49	0.16	-51.29	2,301.27	-2,871.22	3,679.67	3,679.02	0.65	5,650.300		
300.00	300.00	258.42	258.40	0.85	0.28	-51.27	2,301.76	-2,870.09	3,679.16	3,678.03	1.13	3,257.657		
400.00	400.00	382.89	382.86	1.21	0.38	-51.25	2,302.10	-2,868.17	3,678.13	3,676.56	1.58	2,331.713		
500.00	500.00	481.60	481.55	1.57	0.44	-51.23	2,302.35	-2,866.18	3,676.72	3,674.72	1.99	1,843.468		
600.00	599.98	582.21	582.14	1.92	0.50	3.41	2,302.60	-2,864.25	3,673.63	3,671.23	2.40	1,528.107		
700.00	699.84	686.55	686.46	2.28	0.56	3.45	2,302.84	-2,862.15	3,666.99	3,664.18	2.81	1,303.863		
800.00	799.45	776.77	776.67	2.65	0.60	3.48	2,302.77	-2,860.60	3,656.91	3,653.70	3.21	1,137.848		
900.00	898.70	867.97	867.86	3.02	0.64	3.52	2,302.62	-2,859.41	3,643.64	3,640.02	3.62	1,007.549		
1,000.00	997.47	967.57	967.46	3.42	0.69	3.56	2,302.38	-2,858.33	3,627.04	3,623.02	4.02	901.496		
1,100.00	1,095.62	1,067.15	1,067.02	3.84	0.73	3.61	2,301.92	-2,857.31	3,606.93	3,602.50	4.43	813.841		
1,200.00	1,193.06	1,163.22	1,163.09	4.30	0.77	3.67	2,301.33	-2,856.45	3,583.43	3,578.59	4.84	740.098		
1,300.00	1,289.64	1,255.83	1,255.70	4.79	0.81	3.73	2,300.69	-2,855.75	3,556.61	3,551.36	5.25	677.432		
1,400.00	1,385.27	1,346.53	1,346.40	5.33	0.84	3.80	2,300.14	-2,855.16	3,526.59	3,520.92	5.66	622.842		
1,500.00	1,479.82	1,435.77	1,435.63	5.92	0.87	3.88	2,299.56	-2,854.75	3,493.38	3,487.30	6.08	574.948		
1,600.00	1,573.17	1,521.80	1,521.66	6.56	0.90	3.96	2,299.16	-2,854.42	3,457.06	3,450.57	6.49	532.462		
1,700.00	1,665.22	1,604.43	1,604.29	7.26	0.93	4.06	2,298.95	-2,854.25	3,417.79	3,410.87	6.92	494.161		
1,800.00	1,756.74	1,700.40	1,700.26	7.99	0.96	4.10	2,298.55	-2,854.23	3,377.32	3,370.00	7.33	460.990		
1,900.00	1,848.26	1,797.19	1,797.04	8.75	0.99	4.15	2,297.94	-2,854.20	3,336.72	3,328.98	7.74	431.018		
2,000.00	1,939.78	1,888.72	1,888.58	9.51	1.02	4.19	2,297.37	-2,854.07	3,296.04	3,287.88	8.16	403.790		
2,100.00	2,031.30	1,981.09	1,980.95	10.29	1.05	4.24	2,296.83	-2,853.88	3,255.35	3,246.76	8.59	379.038		
2,200.00	2,122.82	2,066.44	2,066.29	11.07	1.08	4.29	2,296.19	-2,853.41	3,214.48	3,205.47	9.02	356.540		
2,300.00	2,214.34	2,160.53	2,160.37	11.86	1.12	4.35	2,295.63	-2,852.59	3,173.31	3,163.86	9.45	335.875		
2,400.00	2,305.85	2,260.13	2,259.97	12.66	1.15	4.42	2,294.97	-2,851.61	3,132.03	3,122.15	9.88	316.977		
2,500.00	2,397.37	2,370.50	2,370.33	13.46	1.18	4.47	2,294.13	-2,850.70	3,090.57	3,080.26	10.32	299.530		
2,600.00	2,488.89	2,461.67	2,461.49	14.26	1.22	4.53	2,293.24	-2,849.88	3,049.18	3,038.42	10.76	283.482		
2,700.00	2,580.41	2,552.44	2,552.25	15.07	1.25	4.58	2,292.04	-2,849.29	3,007.76	2,996.56	11.20	268.668		
2,800.00	2,671.93	2,643.96	2,643.76	15.88	1.27	4.62	2,290.70	-2,848.84	2,966.36	2,954.73	11.63	254.962		
2,900.00	2,763.45	2,736.65	2,736.44	16.69	1.31	4.67	2,289.35	-2,848.24	2,924.89	2,912.82	12.07	242.256		
3,000.00	2,854.97	2,833.02	2,832.80	17.51	1.34	4.72	2,287.79	-2,847.64	2,883.29	2,870.78	12.51	230.413		
3,100.00	2,946.49	2,923.83	2,923.59	18.32	1.37	4.77	2,286.29	-2,846.99	2,841.64	2,828.68	12.96	219.322		
3,200.00	3,038.00	3,011.79	3,011.53	19.14	1.39	4.82	2,284.56	-2,846.68	2,800.06	2,786.66	13.40	208.943		
3,300.00	3,129.52	3,101.65	3,101.37	19.96	1.42	4.85	2,282.64	-2,846.57	2,758.54	2,744.69	13.84	199.262		
3,400.00	3,221.04	3,176.37	3,176.07	20.77	1.44	4.88	2,281.16	-2,846.69	2,717.31	2,703.01	14.30	190.014		
3,500.00	3,312.56	3,250.15	3,249.85	21.59	1.45	4.91	2,279.93	-2,847.20	2,676.65	2,661.89	14.76	181.375		
3,600.00	3,404.08	3,328.13	3,327.81	22.42	1.46	4.94	2,278.91	-2,848.19	2,636.58	2,621.37	15.21	173.358		
3,700.00	3,495.60	3,417.56	3,417.22	23.24	1.47	4.98	2,277.85	-2,849.52	2,596.75	2,581.11	15.64	165.987		
3,800.00	3,587.12	3,516.34	3,515.99	24.06	1.49	5.02	2,276.58	-2,850.96	2,556.84	2,540.77	16.07	159.134		
3,900.00	3,678.63	3,621.89	3,621.52	24.88	1.51	5.06	2,274.91	-2,852.10	2,516.50	2,500.01	16.48	152.677		
4,000.00	3,770.15	3,718.64	3,718.25	25.71	1.53	5.10	2,273.10	-2,852.92	2,475.81	2,458.90	16.91	146.379		
4,100.00	3,861.67	3,810.30	3,809.88	26.53	1.55	5.13	2,271.30	-2,853.64	2,435.04	2,417.68	17.35	140.312		
4,200.00	3,953.19	3,900.24	3,899.80	27.35	1.58	5.17	2,269.53	-2,854.38	2,394.29	2,376.49	17.80	134.522		
4,300.00	4,044.71	3,992.71	3,992.26	28.18	1.60	5.21	2,267.70	-2,855.15	2,353.54	2,335.30	18.24	129.045		
4,400.00	4,136.23	4,087.09	4,086.61	29.01	1.62	5.25	2,265.69	-2,855.96	2,312.72	2,294.04	18.67	123.845		
4,500.00	4,227.75	4,177.89	4,177.38	29.83	1.64	5.28	2,263.53	-2,856.83	2,271.83	2,252.71	19.12	118.834		
4,600.00	4,319.27	4,264.29	4,263.75	30.66	1.67	5.30	2,261.37	-2,857.88	2,231.04	2,211.47	19.57	114.000		
4,700.00	4,410.78	4,349.62	4,349.04	31.48	1.69	5.32	2,259.10	-2,859.33	2,190.49	2,170.47	20.03	109.387		
4,800.00	4,502.30	4,434.33	4,433.69	32.31	1.70	5.33	2,256.91	-2,861.03	2,150.21	2,129.73	20.48	104.982		
4,900.00	4,593.82	4,518.93	4,518.25	33.14	1.72	5.34	2,254.86	-2,863.00	2,110.24	2,089.30	20.94	100.781		
5,000.00	4,685.34	4,608.64	4,607.91	33.96	1.74	5.35	2,252.75	-2,865.31	2,070.50	2,049.11	21.38	96.832		
5,100.00	4,776.86	4,719.50	4,718.68	34.79	1.76	5.35	2,249.56	-2,868.00	2,030.33	2,008.56	21.76	93.295		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,786.44	4,785.56	35.62	1.78	5.34	2,247.54	-2,870.05	1,990.46	1,968.19	22.28	89.351		
5,300.00	4,959.90	4,857.16	4,856.20	36.45	1.79	5.32	2,245.59	-2,872.88	1,951.47	1,928.69	22.78	85.660		
5,400.00	5,051.41	4,935.40	4,934.32	37.27	1.80	5.28	2,243.75	-2,876.84	1,913.45	1,890.19	23.26	82.250		
5,500.00	5,142.93	5,021.63	5,020.38	38.10	1.81	5.23	2,241.51	-2,881.73	1,875.74	1,852.02	23.72	79.081		
5,600.00	5,234.45	5,098.03	5,096.62	38.93	1.82	5.18	2,239.93	-2,886.41	1,838.67	1,814.46	24.21	75.939		
5,700.00	5,325.97	5,181.23	5,179.66	39.76	1.83	5.15	2,239.14	-2,891.52	1,802.28	1,777.59	24.68	73.016		
5,800.00	5,417.49	5,283.78	5,282.06	40.59	1.84	5.16	2,239.34	-2,896.97	1,765.99	1,740.91	25.08	70.411		
5,900.00	5,509.01	5,397.54	5,395.74	41.42	1.85	5.23	2,240.12	-2,901.13	1,728.83	1,703.39	25.43	67.979		
6,000.00	5,600.53	5,498.39	5,496.55	42.25	1.85	5.34	2,240.94	-2,903.57	1,690.84	1,665.01	25.83	65.449		
6,100.00	5,692.04	5,592.28	5,590.42	43.07	1.85	5.46	2,242.07	-2,905.17	1,652.60	1,626.33	26.27	62.911		
6,200.00	5,783.56	5,690.68	5,688.80	43.90	1.85	5.64	2,243.95	-2,905.96	1,614.17	1,587.48	26.69	60.483		
6,300.00	5,875.08	5,790.98	5,789.07	44.73	1.84	5.88	2,246.49	-2,905.64	1,575.33	1,548.22	27.11	58.116		
6,400.00	5,966.60	5,903.85	5,901.90	45.56	1.84	6.19	2,249.03	-2,904.18	1,535.67	1,508.20	27.47	55.908		
6,500.00	6,058.12	6,011.94	6,009.96	46.39	1.84	6.50	2,250.45	-2,901.84	1,494.87	1,467.02	27.85	53.669		
6,600.00	6,149.64	6,119.15	6,117.12	47.22	1.86	6.81	2,250.88	-2,898.76	1,453.08	1,424.84	28.24	51.451		
6,700.00	6,241.16	6,189.88	6,187.83	48.05	1.86	7.03	2,251.41	-2,896.92	1,411.63	1,382.79	28.84	48.949		
6,800.00	6,332.68	6,278.85	6,276.77	48.88	1.87	7.32	2,252.31	-2,895.03	1,370.77	1,341.43	29.34	46.723		
6,900.00	6,424.19	6,372.87	6,370.78	49.71	1.88	7.63	2,252.87	-2,893.30	1,329.87	1,300.06	29.81	44.612		
7,000.00	6,514.88	6,460.86	6,458.75	50.58	1.89	7.99	2,253.35	-2,891.57	1,287.39	1,257.05	30.34	42.428		
7,100.00	6,599.14	6,544.39	6,542.27	51.67	1.90	8.29	2,253.78	-2,890.22	1,236.12	1,205.11	31.02	39.855		
7,200.00	6,673.85	6,620.37	6,618.23	53.01	1.91	8.41	2,253.96	-2,888.98	1,176.56	1,144.66	31.90	36.885		
7,300.00	6,736.73	6,681.55	6,679.40	54.56	1.92	8.81	2,254.07	-2,887.97	1,111.64	1,078.48	33.16	33.523		
7,400.00	6,785.87	6,728.13	6,725.98	56.29	1.93	9.66	2,254.18	-2,887.22	1,044.88	1,009.89	35.00	29.855		
7,500.00	6,819.79	6,759.67	6,757.52	58.13	1.94	10.16	2,254.25	-2,886.78	980.26	942.61	37.64	26.041		
7,600.00	6,837.44	6,775.62	6,773.46	60.02	1.94	10.89	2,254.29	-2,886.58	921.97	880.71	41.26	22.345		
7,700.00	6,840.00	6,776.91	6,774.76	61.90	1.94	12.00	2,254.29	-2,886.56	873.71	827.89	45.82	19.069		
7,800.00	6,840.00	6,775.70	6,773.55	63.83	1.94	13.11	2,254.29	-2,886.58	835.26	784.17	51.09	16.348		
7,900.00	6,840.00	6,774.48	6,772.32	65.81	1.94	14.02	2,254.28	-2,886.59	807.43	750.67	56.77	14.224		
8,000.00	6,840.00	6,773.24	6,771.08	67.84	1.94	15.93	2,254.28	-2,886.61	791.35	728.91	62.44	12.674		
8,078.58	6,840.00	6,772.26	6,770.10	69.46	1.94	18.86	2,254.28	-2,886.62	787.44	720.82	66.63	11.819 CC		
8,100.00	6,840.00	6,771.99	6,769.83	69.91	1.94	19.84	2,254.28	-2,886.62	787.73	720.04	67.69	11.637 ES		
8,200.00	6,840.00	6,770.72	6,768.57	72.03	1.94	21.75	2,254.27	-2,886.64	796.75	724.57	72.18	11.039		
8,300.00	6,840.00	6,769.45	6,767.29	74.18	1.94	23.66	2,254.27	-2,886.65	817.98	742.29	75.69	10.807 SF		
8,400.00	6,840.00	6,768.15	6,766.00	76.37	1.94	25.56	2,254.27	-2,886.67	850.51	772.33	78.18	10.879		
8,500.00	6,840.00	6,766.85	6,764.69	78.59	1.94	27.47	2,254.27	-2,886.69	893.10	813.36	79.75	11.199		
8,600.00	6,840.00	6,765.53	6,763.37	80.85	1.94	29.37	2,254.26	-2,886.70	944.41	863.86	80.55	11.725		
8,700.00	6,840.00	6,764.19	6,762.04	83.13	1.94	31.27	2,254.26	-2,886.72	1,003.08	922.30	80.77	12.418		
8,800.00	6,840.00	6,762.84	6,760.69	85.44	1.94	33.18	2,254.26	-2,886.74	1,067.91	987.32	80.59	13.252		
8,900.00	6,840.00	6,761.48	6,759.32	87.77	1.94	35.08	2,254.25	-2,886.76	1,137.84	1,057.72	80.12	14.201		
9,000.00	6,840.00	6,760.10	6,757.94	90.12	1.94	36.98	2,254.25	-2,886.78	1,212.00	1,132.52	79.48	15.248		
9,100.00	6,840.00	6,758.70	6,756.54	92.50	1.94	38.88	2,254.25	-2,886.79	1,289.65	1,210.90	78.74	16.378		
9,200.00	6,840.00	6,757.29	6,755.13	94.89	1.94	40.77	2,254.24	-2,886.81	1,370.20	1,292.24	77.96	17.576		
9,300.00	6,840.00	6,755.86	6,753.71	97.30	1.93	42.67	2,254.24	-2,886.83	1,453.16	1,376.01	77.16	18.834		
9,400.00	6,840.00	6,754.42	6,752.26	99.73	1.93	44.56	2,254.24	-2,886.85	1,538.16	1,461.79	76.36	20.143		
9,500.00	6,840.00	6,752.96	6,750.80	102.17	1.93	46.46	2,254.23	-2,886.87	1,624.86	1,549.27	75.59	21.495		
9,600.00	6,840.00	6,751.48	6,749.32	104.63	1.93	48.35	2,254.23	-2,886.89	1,713.01	1,638.16	74.85	22.886		
9,700.00	6,840.00	6,749.98	6,747.83	107.10	1.93	50.24	2,254.23	-2,886.91	1,802.39	1,728.25	74.14	24.310		
9,800.00	6,840.00	6,748.47	6,746.32	109.58	1.93	52.13	2,254.22	-2,886.93	1,892.84	1,819.37	73.47	25.762		
9,900.00	6,840.00	6,746.94	6,744.79	112.07	1.93	54.02	2,254.22	-2,886.95	1,984.20	1,911.36	72.84	27.240		
10,000.00	6,840.00	6,745.39	6,743.24	114.58	1.93	55.91	2,254.22	-2,886.98	2,076.36	2,004.12	72.25	28.740		
10,100.00	6,840.00	6,743.82	6,741.67	117.09	1.93	57.79	2,254.21	-2,887.00	2,169.21	2,097.53	71.69	30.259		
10,200.00	6,840.00	6,742.24	6,740.09	119.61	1.93	59.68	2,254.21	-2,887.02	2,262.67	2,191.51	71.16	31.797		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,740.63	6,738.48	122.14	1.93	87.56	2,254.20	-2,887.04	2,356.67	2,286.00	70.67	33.349		
10,400.00	6,840.00	6,739.01	6,736.86	124.68	1.93	87.44	2,254.20	-2,887.07	2,451.14	2,380.94	70.20	34.916		
10,500.00	6,840.00	6,737.36	6,735.21	127.23	1.93	87.32	2,254.20	-2,887.09	2,546.03	2,476.27	69.77	36.494		
10,600.00	6,840.00	6,735.70	6,733.55	129.78	1.93	87.20	2,254.19	-2,887.11	2,641.30	2,571.95	69.35	38.084		
10,700.00	6,840.00	6,734.01	6,731.86	132.35	1.93	87.08	2,254.19	-2,887.14	2,736.91	2,667.94	68.97	39.683		
10,800.00	6,840.00	6,732.31	6,730.16	134.91	1.93	86.96	2,254.18	-2,887.16	2,832.81	2,764.21	68.61	41.292		
10,900.00	6,840.00	6,730.58	6,728.43	137.49	1.93	86.83	2,254.18	-2,887.19	2,929.00	2,860.73	68.26	42.908		
11,000.00	6,840.00	6,728.83	6,726.68	140.07	1.93	86.71	2,254.18	-2,887.21	3,025.42	2,957.48	67.94	44.531		
11,100.00	6,840.00	6,727.06	6,724.91	142.65	1.93	86.58	2,254.17	-2,887.24	3,122.07	3,054.44	67.64	46.160		
11,200.00	6,840.00	6,725.26	6,723.11	145.24	1.93	86.45	2,254.17	-2,887.27	3,218.93	3,151.58	67.35	47.796		
11,300.00	6,840.00	6,723.45	6,721.30	147.83	1.93	86.32	2,254.16	-2,887.30	3,315.97	3,248.89	67.08	49.436		
11,400.00	6,840.00	6,721.61	6,719.45	150.43	1.93	86.18	2,254.16	-2,887.32	3,413.18	3,346.36	66.82	51.081		
11,500.00	6,840.00	6,719.74	6,717.59	153.04	1.93	86.05	2,254.16	-2,887.35	3,510.55	3,443.97	66.58	52.729		
11,600.00	6,840.00	6,717.85	6,715.70	155.64	1.93	85.91	2,254.15	-2,887.38	3,608.06	3,541.71	66.35	54.382		
11,700.00	6,840.00	6,715.94	6,713.79	158.26	1.93	85.77	2,254.15	-2,887.41	3,705.70	3,639.57	66.13	56.037		
11,800.00	6,840.00	6,714.00	6,711.85	160.87	1.93	85.63	2,254.14	-2,887.44	3,803.46	3,737.54	65.92	57.696		
11,900.00	6,840.00	6,712.03	6,709.88	163.49	1.93	85.49	2,254.14	-2,887.47	3,901.34	3,835.61	65.73	59.357		
12,000.00	6,840.00	6,710.04	6,707.89	166.11	1.93	85.34	2,254.13	-2,887.50	3,999.32	3,933.78	65.54	61.020		
12,100.00	6,840.00	6,708.02	6,705.87	168.74	1.93	85.20	2,254.13	-2,887.54	4,097.40	4,032.03	65.37	62.685		
12,200.00	6,840.00	6,705.97	6,703.82	171.37	1.93	85.05	2,254.12	-2,887.57	4,195.56	4,130.37	65.20	64.351		
12,300.00	6,840.00	6,703.90	6,701.75	174.00	1.93	84.90	2,254.12	-2,887.60	4,293.82	4,228.78	65.04	66.020		
12,400.00	6,840.00	6,701.79	6,699.64	176.63	1.93	84.75	2,254.11	-2,887.64	4,392.14	4,327.26	64.89	67.689		
12,500.00	6,840.00	6,699.74	6,697.59	179.27	1.93	84.60	2,254.11	-2,887.67	4,490.55	4,425.80	64.74	69.359		
12,600.00	6,840.00	6,697.80	6,695.65	181.91	1.93	84.48	2,254.11	-2,887.70	4,589.02	4,524.41	64.61	71.028		
12,700.00	6,840.00	6,695.86	6,693.71	184.55	1.93	84.36	2,254.10	-2,887.72	4,687.55	4,623.07	64.48	72.698		
12,800.00	6,840.00	6,693.83	6,691.68	187.19	1.93	84.25	2,254.10	-2,887.75	4,786.15	4,721.79	64.36	74.368		
12,900.00	6,840.00	6,691.89	6,689.74	189.84	1.93	84.13	2,254.10	-2,887.78	4,884.80	4,820.56	64.24	76.038		
13,000.00	6,840.00	6,689.95	6,687.80	192.48	1.93	84.01	2,254.09	-2,887.80	4,983.50	4,919.37	64.13	77.708		
13,100.00	6,840.00	6,688.01	6,685.86	195.13	1.92	83.89	2,254.09	-2,887.83	5,082.26	5,018.23	64.03	79.378		
13,200.00	6,840.00	6,686.07	6,683.92	197.79	1.92	83.77	2,254.08	-2,887.86	5,181.06	5,117.14	63.93	81.048		
13,300.00	6,840.00	6,684.13	6,681.98	200.44	1.92	83.66	2,254.08	-2,887.89	5,279.91	5,216.08	63.83	82.716		
13,400.00	6,840.00	6,682.19	6,680.04	203.10	1.92	83.54	2,254.08	-2,887.91	5,378.80	5,315.06	63.74	84.385		
13,500.00	6,840.00	6,680.25	6,678.10	205.75	1.92	83.42	2,254.07	-2,887.94	5,477.73	5,414.07	63.66	86.052		
13,600.00	6,840.00	6,678.31	6,676.16	208.41	1.92	83.30	2,254.07	-2,887.97	5,576.69	5,513.12	63.57	87.719		
13,700.00	6,840.00	6,676.37	6,674.22	211.07	1.92	83.18	2,254.07	-2,887.99	5,675.70	5,612.20	63.50	89.385		
13,800.00	6,840.00	6,674.42	6,672.27	213.74	1.92	83.07	2,254.06	-2,888.02	5,774.73	5,711.31	63.42	91.050		
13,900.00	6,840.00	6,672.48	6,670.33	216.40	1.92	82.95	2,254.06	-2,888.05	5,873.80	5,810.45	63.35	92.713		
14,000.00	6,840.00	6,670.54	6,668.39	219.06	1.92	82.83	2,254.06	-2,888.07	5,972.90	5,909.61	63.29	94.375		
14,100.00	6,840.00	6,668.60	6,666.45	221.73	1.92	82.71	2,254.05	-2,888.10	6,072.03	6,008.80	63.23	96.036		
14,200.00	6,840.00	6,666.66	6,664.51	224.40	1.92	82.60	2,254.05	-2,888.13	6,171.18	6,108.02	63.17	97.696		
14,300.00	6,840.00	6,664.72	6,662.57	227.07	1.92	82.48	2,254.05	-2,888.16	6,270.36	6,207.25	63.11	99.354		
14,400.00	6,840.00	6,662.78	6,660.63	229.74	1.92	82.36	2,254.04	-2,888.18	6,369.57	6,306.51	63.06	101.010		
14,500.00	6,840.00	6,660.84	6,658.69	232.41	1.92	82.24	2,254.04	-2,888.21	6,468.80	6,405.79	63.01	102.665		
14,600.00	6,840.00	6,658.90	6,656.75	235.08	1.92	82.13	2,254.04	-2,888.24	6,568.06	6,505.10	62.96	104.318		
14,700.00	6,840.00	6,656.96	6,654.81	237.75	1.92	82.01	2,254.03	-2,888.26	6,667.33	6,604.42	62.92	105.969		
14,800.00	6,840.00	6,655.02	6,652.87	240.43	1.92	81.89	2,254.03	-2,888.29	6,766.63	6,703.75	62.88	107.618		
14,900.00	6,840.00	6,653.08	6,650.93	243.10	1.92	81.77	2,254.03	-2,888.32	6,865.95	6,803.11	62.84	109.266		
15,000.00	6,840.00	6,651.14	6,648.99	245.78	1.92	81.66	2,254.02	-2,888.34	6,965.28	6,902.48	62.80	110.911		
15,100.00	6,840.00	6,649.20	6,647.05	248.46	1.92	81.54	2,254.02	-2,888.37	7,064.64	7,001.87	62.77	112.554		
15,200.00	6,840.00	6,647.26	6,645.11	251.14	1.92	81.42	2,254.02	-2,888.40	7,164.01	7,101.28	62.73	114.195		
15,300.00	6,840.00	6,645.32	6,643.17	253.82	1.92	81.31	2,254.01	-2,888.43	7,263.40	7,200.69	62.71	115.834		
15,400.00	6,840.00	6,643.38	6,641.23	256.50	1.92	81.19	2,254.01	-2,888.45	7,362.81	7,300.13	62.68	117.471		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-3 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,650.47	6,648.33	259.18	1.92	81.07	2,254.01	-2,888.48	7,462.23	7,399.57	62.65	119.106		
15,600.00	6,840.00	6,648.82	6,646.68	261.86	1.92	80.95	2,254.01	-2,888.51	7,561.66	7,499.03	62.63	120.738		
15,700.00	6,840.00	6,647.17	6,645.03	264.54	1.92	80.84	2,254.00	-2,888.53	7,661.11	7,598.50	62.61	122.367		
15,800.00	6,840.00	6,645.52	6,643.38	267.23	1.92	80.72	2,254.00	-2,888.56	7,760.58	7,697.99	62.59	123.995		
15,900.00	6,840.00	6,643.88	6,641.73	269.91	1.92	80.60	2,254.00	-2,888.59	7,860.05	7,797.48	62.57	125.619		
16,000.00	6,840.00	6,642.23	6,640.09	272.59	1.92	80.49	2,253.99	-2,888.62	7,959.54	7,896.99	62.55	127.241		
16,100.00	6,840.00	6,640.58	6,638.44	275.28	1.92	80.37	2,253.99	-2,888.64	8,059.04	7,996.50	62.54	128.861		
16,200.00	6,840.00	6,638.93	6,636.79	277.97	1.92	80.25	2,253.99	-2,888.67	8,158.56	8,096.03	62.53	130.478		
16,300.00	6,840.00	6,637.28	6,635.14	280.65	1.92	80.14	2,253.98	-2,888.70	8,258.08	8,195.57	62.52	132.092		
16,400.00	6,840.00	6,635.63	6,633.49	283.34	1.92	80.02	2,253.98	-2,888.72	8,357.62	8,295.11	62.51	133.704		
16,500.00	6,840.00	6,633.98	6,631.84	286.03	1.92	79.90	2,253.98	-2,888.75	8,457.17	8,394.67	62.50	135.313		
16,600.00	6,840.00	6,632.33	6,630.19	288.72	1.92	79.79	2,253.98	-2,888.78	8,556.72	8,494.23	62.49	136.919		
16,700.00	6,840.00	6,630.68	6,628.54	291.41	1.92	79.67	2,253.97	-2,888.81	8,656.29	8,593.80	62.49	138.522		
16,800.00	6,840.00	6,629.02	6,626.89	294.10	1.92	79.55	2,253.97	-2,888.83	8,755.87	8,693.38	62.49	140.123		
16,900.00	6,840.00	6,627.37	6,625.23	296.79	1.91	79.44	2,253.97	-2,888.86	8,855.45	8,792.97	62.49	141.720		
17,000.00	6,840.00	6,625.72	6,623.58	299.48	1.91	79.32	2,253.97	-2,888.89	8,955.05	8,892.56	62.49	143.315		
17,100.00	6,840.00	6,624.07	6,621.93	302.17	1.91	79.21	2,253.96	-2,888.92	9,054.65	8,992.17	62.49	144.906		
17,200.00	6,840.00	6,622.42	6,620.28	304.86	1.91	79.09	2,253.96	-2,888.94	9,154.26	9,091.77	62.49	146.495		
17,300.00	6,840.00	6,620.76	6,618.63	307.56	1.91	78.97	2,253.96	-2,888.97	9,253.88	9,191.39	62.49	148.080		
17,400.00	6,840.00	6,619.11	6,616.97	310.25	1.91	78.86	2,253.95	-2,889.00	9,353.51	9,291.01	62.50	149.663		
17,500.00	6,840.00	6,617.46	6,615.32	312.94	1.91	78.74	2,253.95	-2,889.02	9,453.15	9,390.64	62.50	151.242		
17,600.00	6,840.00	6,615.80	6,613.66	315.64	1.91	78.63	2,253.95	-2,889.05	9,552.79	9,490.28	62.51	152.818		
17,700.00	6,840.00	6,614.15	6,612.01	318.33	1.91	78.51	2,253.95	-2,889.08	9,652.44	9,589.92	62.52	154.391		
17,800.00	6,840.00	6,612.49	6,610.36	321.03	1.91	78.39	2,253.94	-2,889.11	9,752.10	9,689.57	62.53	155.961		
17,900.00	6,840.00	6,610.84	6,608.70	323.72	1.91	78.28	2,253.94	-2,889.13	9,851.76	9,789.22	62.54	157.528		
18,000.00	6,840.00	6,609.18	6,607.05	326.42	1.91	78.16	2,253.94	-2,889.16	9,951.43	9,888.88	62.55	159.091		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-71.03	985.24	-2,866.95	3,032.32					
100.00	100.00	23.05	23.05	0.13	0.02	-71.03	985.24	-2,866.98	3,031.55	3,031.39	0.16	N/A		
200.00	200.00	100.00	100.00	0.49	0.10	-71.04	985.22	-2,867.48	3,032.16	3,031.57	0.59	5,150.682		
300.00	300.00	210.41	210.41	0.85	0.25	-71.04	985.31	-2,868.41	3,032.98	3,031.88	1.10	2,762.383		
400.00	400.00	311.04	311.04	1.21	0.33	-71.04	985.43	-2,869.05	3,033.63	3,032.09	1.54	1,973.969		
500.00	500.00	410.70	410.69	1.57	0.40	-71.05	985.50	-2,869.71	3,034.28	3,032.31	1.96	1,545.286		
600.00	599.98	519.09	519.08	1.92	0.45	-16.46	985.26	-2,870.31	3,033.05	3,030.68	2.38	1,276.553		
700.00	699.84	612.95	612.93	2.28	0.51	-16.52	984.98	-2,870.87	3,028.49	3,025.71	2.78	1,089.190		
800.00	799.45	706.79	706.77	2.65	0.55	-16.62	984.88	-2,871.54	3,020.79	3,017.60	3.19	948.148		
900.00	898.70	797.84	797.82	3.02	0.60	-16.75	984.82	-2,872.42	3,009.99	3,006.40	3.59	837.936		
1,000.00	997.47	894.10	894.07	3.42	0.65	-16.92	984.60	-2,873.59	2,996.06	2,992.06	4.00	748.670		
1,100.00	1,095.62	997.38	997.34	3.84	0.70	-17.15	984.16	-2,874.87	2,978.82	2,974.40	4.42	674.540		
1,200.00	1,193.06	1,095.41	1,095.36	4.30	0.74	-17.42	983.67	-2,876.00	2,958.21	2,953.38	4.83	612.323		
1,300.00	1,289.64	1,187.82	1,187.77	4.79	0.78	-17.73	983.23	-2,877.13	2,934.44	2,929.19	5.25	559.031		
1,400.00	1,385.27	1,271.50	1,271.43	5.33	0.82	-18.07	982.82	-2,878.39	2,907.74	2,902.07	5.67	512.726		
1,500.00	1,479.82	1,361.16	1,361.08	5.92	0.85	-18.47	982.56	-2,880.03	2,878.25	2,872.14	6.10	471.476		
1,600.00	1,573.17	1,453.63	1,453.53	6.56	0.89	-18.93	982.43	-2,881.74	2,845.70	2,839.16	6.55	434.490		
1,700.00	1,665.22	1,544.52	1,544.40	7.26	0.93	-19.42	982.27	-2,883.48	2,810.18	2,803.17	7.01	400.958		
1,800.00	1,756.74	1,635.99	1,635.86	7.99	0.97	-19.70	982.20	-2,885.26	2,773.57	2,766.11	7.47	371.517		
1,900.00	1,848.26	1,727.42	1,727.27	8.75	1.00	-19.99	982.22	-2,886.99	2,737.01	2,729.08	7.93	345.046		
2,000.00	1,939.78	1,816.88	1,816.72	9.51	1.04	-20.27	982.73	-2,888.66	2,700.62	2,692.22	8.41	321.226		
2,100.00	2,031.30	1,914.48	1,914.30	10.29	1.07	-20.58	983.76	-2,890.22	2,664.19	2,655.30	8.89	299.682		
2,200.00	2,122.82	2,001.74	2,001.54	11.07	1.10	-20.85	984.93	-2,891.57	2,627.85	2,618.47	9.38	280.165		
2,300.00	2,214.34	2,093.45	2,093.23	11.86	1.13	-21.14	986.37	-2,893.03	2,591.67	2,581.79	9.88	262.440		
2,400.00	2,305.85	2,187.99	2,187.74	12.66	1.16	-21.44	988.10	-2,894.45	2,555.52	2,545.14	10.37	246.322		
2,500.00	2,397.37	2,282.90	2,282.62	13.46	1.18	-21.73	990.31	-2,895.64	2,519.34	2,508.46	10.88	231.609		
2,600.00	2,488.89	2,376.61	2,376.29	14.26	1.21	-22.02	993.07	-2,896.59	2,483.15	2,471.76	11.38	218.139		
2,700.00	2,580.41	2,468.42	2,468.04	15.07	1.23	-22.36	996.53	-2,897.29	2,446.74	2,434.86	11.88	205.911		
2,800.00	2,671.93	2,559.60	2,559.16	15.88	1.26	-22.70	1,000.04	-2,897.09	2,409.65	2,397.27	12.38	194.652		
2,900.00	2,763.45	2,651.90	2,651.40	16.69	1.27	-23.01	1,003.24	-2,896.45	2,372.21	2,359.32	12.89	184.098		
3,000.00	2,854.97	2,741.95	2,741.40	17.51	1.29	-23.34	1,006.35	-2,895.59	2,334.60	2,321.21	13.39	174.332		
3,100.00	2,946.49	2,835.40	2,834.80	18.32	1.31	-23.67	1,009.03	-2,894.61	2,296.85	2,282.94	13.91	165.148		
3,200.00	3,038.00	2,924.81	2,924.18	19.14	1.32	-23.99	1,011.57	-2,893.70	2,259.17	2,244.74	14.43	156.517		
3,300.00	3,129.52	3,016.60	3,015.94	19.96	1.34	-24.32	1,013.68	-2,893.07	2,221.73	2,206.76	14.97	148.385		
3,400.00	3,221.04	3,103.39	3,102.71	20.77	1.36	-24.69	1,015.61	-2,892.70	2,184.60	2,169.09	15.52	140.802		
3,500.00	3,312.56	3,247.37	3,246.67	21.59	1.38	-25.11	1,017.26	-2,892.30	2,147.48	2,131.42	16.06	133.748		
3,600.00	3,404.08	3,339.11	3,338.40	22.42	1.39	-25.53	1,018.45	-2,891.77	2,110.21	2,093.60	16.61	127.042		
3,700.00	3,495.60	3,423.65	3,422.93	23.24	1.41	-25.94	1,019.34	-2,891.58	2,073.33	2,056.14	17.19	120.644		
3,800.00	3,587.12	3,513.45	3,512.74	24.06	1.43	-26.40	1,020.04	-2,891.61	2,036.74	2,018.97	17.77	114.636		
3,900.00	3,678.63	3,604.75	3,604.03	24.88	1.46	-26.88	1,020.75	-2,891.68	2,000.32	1,981.96	18.36	108.968		
4,000.00	3,770.15	3,694.61	3,693.89	25.71	1.48	-27.36	1,021.71	-2,891.76	1,964.09	1,945.13	18.96	103.608		
4,100.00	3,861.67	3,792.12	3,791.39	26.53	1.51	-27.90	1,023.04	-2,891.71	1,927.91	1,908.36	19.55	98.612		
4,200.00	3,953.19	3,875.45	3,874.71	27.35	1.53	-28.37	1,024.29	-2,891.67	1,891.90	1,871.72	20.18	93.755		
4,300.00	4,044.71	3,968.45	3,967.70	28.18	1.55	-28.91	1,025.77	-2,891.91	1,856.32	1,835.52	20.80	89.234		
4,400.00	4,136.23	4,060.39	4,059.62	29.01	1.58	-29.47	1,027.21	-2,892.00	1,820.74	1,799.30	21.44	84.923		
4,500.00	4,227.75	4,150.30	4,149.52	29.83	1.61	-30.04	1,028.43	-2,892.21	1,785.43	1,763.34	22.10	80.805		
4,600.00	4,319.27	4,235.12	4,234.34	30.66	1.63	-30.59	1,029.66	-2,892.54	1,750.44	1,727.67	22.78	76.854		
4,700.00	4,410.78	4,315.81	4,315.01	31.48	1.66	-31.14	1,031.06	-2,893.39	1,716.26	1,692.78	23.48	73.091		
4,800.00	4,502.30	4,408.09	4,407.27	32.31	1.69	-31.78	1,032.71	-2,894.60	1,682.53	1,658.35	24.18	69.588		
4,900.00	4,593.82	4,494.97	4,494.12	33.14	1.71	-32.41	1,034.18	-2,895.91	1,649.17	1,624.27	24.91	66.219		
5,000.00	4,685.34	4,584.84	4,583.98	33.96	1.74	-33.10	1,035.46	-2,897.50	1,616.25	1,590.60	25.65	63.024		
5,100.00	4,776.86	4,671.02	4,670.13	34.79	1.77	-33.80	1,036.29	-2,899.26	1,583.80	1,557.38	26.42	59.955		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,759.33	4,758.41	35.62	1.79	-34.56	1,036.70	-2,901.43	1,551.96	1,524.75	27.21	57.042		
5,300.00	4,959.90	4,851.49	4,850.54	36.45	1.82	-35.39	1,036.79	-2,903.84	1,520.56	1,492.54	28.01	54.277		
5,400.00	5,051.41	4,946.45	4,945.47	37.27	1.84	-36.30	1,036.61	-2,906.23	1,489.39	1,460.55	28.84	51.643		
5,500.00	5,142.93	5,041.09	5,040.08	38.10	1.87	-37.24	1,036.44	-2,908.42	1,458.38	1,428.69	29.69	49.121		
5,600.00	5,234.45	5,134.72	5,133.69	38.93	1.89	-38.22	1,036.19	-2,910.50	1,427.65	1,397.08	30.57	46.707		
5,700.00	5,325.97	5,228.33	5,227.28	39.76	1.92	-39.23	1,036.00	-2,912.44	1,397.20	1,365.73	31.47	44.400		
5,800.00	5,417.49	5,320.17	5,319.10	40.59	1.94	-40.26	1,035.94	-2,914.35	1,367.17	1,334.77	32.40	42.196		
5,900.00	5,509.01	5,412.86	5,411.77	41.42	1.97	-41.32	1,036.31	-2,916.26	1,337.54	1,304.19	33.35	40.104		
6,000.00	5,600.53	5,501.89	5,500.77	42.25	2.00	-42.37	1,036.96	-2,918.23	1,308.51	1,274.17	34.34	38.108		
6,100.00	5,692.04	5,596.40	5,595.25	43.07	2.03	-43.50	1,038.27	-2,920.44	1,279.99	1,244.67	35.33	36.234		
6,200.00	5,783.56	5,706.57	5,705.37	43.90	2.06	-44.83	1,041.00	-2,922.30	1,251.26	1,214.99	36.27	34.495		
6,300.00	5,875.08	5,817.90	5,816.63	44.73	2.09	-46.20	1,044.90	-2,922.68	1,221.66	1,184.44	37.22	32.824		
6,400.00	5,966.60	5,930.62	5,929.26	45.56	2.11	-47.66	1,049.16	-2,921.19	1,190.98	1,152.80	38.17	31.199		
6,500.00	6,058.12	6,037.75	6,036.27	46.39	2.12	-49.16	1,052.97	-2,918.07	1,159.43	1,120.25	39.18	29.591		
6,600.00	6,149.64	6,131.73	6,130.14	47.22	2.13	-50.59	1,055.79	-2,914.25	1,127.55	1,087.26	40.30	27.982		
6,700.00	6,241.16	6,212.75	6,211.08	48.05	2.13	-51.92	1,057.53	-2,911.33	1,096.94	1,055.43	41.51	26.424		
6,800.00	6,332.68	6,304.66	6,302.92	48.88	2.14	-53.51	1,059.22	-2,908.25	1,067.41	1,024.68	42.73	24.980		
6,900.00	6,424.19	6,400.40	6,398.58	49.71	2.14	-55.26	1,060.74	-2,904.68	1,038.46	994.48	43.98	23.613		
7,000.00	6,514.88	6,485.50	6,483.61	50.58	2.14	-51.45	1,061.50	-2,901.29	1,008.28	962.94	45.34	22.237		
7,100.00	6,599.14	6,565.11	6,563.16	51.67	2.14	-48.00	1,061.43	-2,898.16	966.17	919.25	46.93	20.590		
7,200.00	6,673.85	6,632.26	6,630.26	53.01	2.13	-49.16	1,060.73	-2,895.49	912.09	863.32	48.77	18.702		
7,300.00	6,736.73	6,686.39	6,684.35	54.56	2.13	-53.91	1,059.92	-2,893.64	848.51	797.63	50.88	16.675		
7,400.00	6,785.87	6,730.48	6,728.41	56.29	2.12	-62.20	1,059.16	-2,892.32	777.97	724.69	53.28	14.603		
7,500.00	6,819.79	6,760.79	6,758.70	58.13	2.12	-73.20	1,058.62	-2,891.46	703.35	647.39	55.96	12.568		
7,600.00	6,837.44	6,775.30	6,773.20	60.02	2.12	-84.85	1,058.35	-2,891.06	628.15	569.23	58.92	10.660		
7,700.00	6,840.00	6,775.10	6,773.01	61.90	2.12	-90.42	1,058.36	-2,891.07	556.42	494.38	62.04	8.969		
7,800.00	6,840.00	6,772.39	6,770.29	63.83	2.12	-90.04	1,058.41	-2,891.14	494.00	428.85	65.15	7.583		
7,900.00	6,840.00	6,769.65	6,767.56	65.81	2.12	-89.66	1,058.46	-2,891.22	445.48	377.92	67.57	6.593		
8,000.00	6,840.00	6,766.90	6,764.81	67.84	2.12	-89.27	1,058.51	-2,891.29	415.76	347.63	68.13	6.102 SF		
8,078.08	6,840.00	6,764.74	6,762.65	69.45	2.12	-88.97	1,058.54	-2,891.35	408.37	341.77	66.60	6.132 CC, ES		
8,100.00	6,840.00	6,764.13	6,762.05	69.91	2.12	-88.88	1,058.56	-2,891.37	408.96	343.12	65.83	6.212		
8,200.00	6,840.00	6,761.35	6,759.26	72.03	2.12	-88.49	1,058.61	-2,891.45	426.17	365.30	60.86	7.002		
8,300.00	6,840.00	6,758.54	6,756.46	74.18	2.12	-88.10	1,058.66	-2,891.53	464.73	410.04	54.69	8.497		
8,400.00	6,840.00	6,755.72	6,753.64	76.37	2.12	-87.70	1,058.71	-2,891.60	519.92	471.10	48.82	10.650		
8,500.00	6,840.00	6,752.88	6,750.80	78.59	2.12	-87.31	1,058.76	-2,891.68	587.06	543.05	44.01	13.338		
8,600.00	6,840.00	6,750.02	6,747.94	80.85	2.12	-86.91	1,058.81	-2,891.77	662.53	622.14	40.40	16.400		
8,700.00	6,840.00	6,747.14	6,745.06	83.13	2.12	-86.50	1,058.86	-2,891.85	743.80	706.00	37.80	19.675		
8,800.00	6,840.00	6,744.24	6,742.17	85.44	2.12	-86.10	1,058.91	-2,891.93	829.17	793.17	35.99	23.036		
8,900.00	6,840.00	6,741.33	6,739.25	87.77	2.12	-85.69	1,058.97	-2,892.01	917.49	882.73	34.76	26.397		
9,000.00	6,840.00	6,738.39	6,736.32	90.12	2.12	-85.28	1,059.02	-2,892.10	1,007.98	974.06	33.92	29.713		
9,100.00	6,840.00	6,735.43	6,733.36	92.50	2.12	-84.87	1,059.07	-2,892.18	1,100.11	1,066.74	33.37	32.964		
9,200.00	6,840.00	6,732.46	6,730.39	94.89	2.12	-84.45	1,059.12	-2,892.27	1,193.51	1,160.49	33.02	36.146		
9,300.00	6,840.00	6,729.46	6,727.39	97.30	2.12	-84.03	1,059.18	-2,892.35	1,287.89	1,255.08	32.80	39.261		
9,400.00	6,840.00	6,726.45	6,724.38	99.73	2.12	-83.61	1,059.23	-2,892.44	1,383.05	1,350.37	32.68	42.317		
9,500.00	6,840.00	6,723.41	6,721.34	102.17	2.12	-83.19	1,059.28	-2,892.53	1,478.84	1,446.21	32.63	45.322		
9,600.00	6,840.00	6,720.35	6,718.29	104.63	2.12	-82.77	1,059.34	-2,892.62	1,575.16	1,542.53	32.62	48.282		
9,700.00	6,840.00	6,717.35	6,715.29	107.10	2.12	-82.33	1,059.35	-2,892.66	1,671.89	1,639.21	32.67	51.168		
9,800.00	6,840.00	6,714.03	6,711.96	109.58	2.12	-82.17	1,059.41	-2,892.76	1,768.99	1,736.27	32.72	54.062		
9,900.00	6,840.00	6,710.62	6,708.55	112.07	2.13	-81.70	1,059.47	-2,892.85	1,866.39	1,833.61	32.78	56.928		
10,000.00	6,840.00	6,707.12	6,705.06	114.58	2.13	-81.22	1,059.53	-2,892.95	1,964.05	1,931.19	32.86	59.772		
10,100.00	6,840.00	6,703.52	6,701.47	117.09	2.13	-80.72	1,059.59	-2,893.06	2,061.93	2,028.99	32.94	62.596		
10,200.00	6,840.00	6,700.13	6,698.08	119.61	2.13	-80.22	1,059.66	-2,893.17	2,159.99	2,126.97	33.03	65.402		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,698.04	6,695.99	122.14	2.13	-79.70	1,059.73	-2,893.28	2,258.22	2,225.11	33.12	68.193		
10,400.00	6,840.00	6,694.15	6,692.10	124.68	2.13	-79.17	1,059.79	-2,893.40	2,356.60	2,323.40	33.21	70.971		
10,500.00	6,840.00	6,690.14	6,688.10	127.23	2.13	-78.62	1,059.86	-2,893.52	2,455.10	2,421.81	33.30	73.736		
10,600.00	6,840.00	6,686.02	6,683.98	129.78	2.13	-78.06	1,059.93	-2,893.65	2,553.72	2,520.33	33.39	76.491		
10,700.00	6,840.00	6,681.78	6,679.74	132.35	2.13	-77.49	1,060.00	-2,893.78	2,652.43	2,618.95	33.48	79.235		
10,800.00	6,840.00	6,677.42	6,675.38	134.91	2.13	-76.91	1,060.07	-2,893.92	2,751.23	2,717.66	33.56	81.970		
10,900.00	6,840.00	6,672.93	6,670.89	137.49	2.13	-76.31	1,060.14	-2,894.07	2,850.11	2,816.46	33.65	84.697		
11,000.00	6,840.00	6,668.30	6,666.27	140.07	2.13	-75.69	1,060.21	-2,894.22	2,949.06	2,915.32	33.74	87.416		
11,100.00	6,840.00	6,663.52	6,661.50	142.65	2.13	-75.06	1,060.28	-2,894.38	3,048.07	3,014.25	33.82	90.128		
11,200.00	6,840.00	6,658.60	6,656.58	145.24	2.13	-74.41	1,060.36	-2,894.55	3,147.14	3,113.24	33.90	92.833		
11,300.00	6,840.00	6,653.53	6,651.50	147.83	2.13	-73.75	1,060.43	-2,894.73	3,246.26	3,212.28	33.98	95.532		
11,400.00	6,840.00	6,648.28	6,646.27	150.43	2.13	-73.06	1,060.51	-2,894.91	3,345.43	3,311.37	34.06	98.224		
11,500.00	6,840.00	6,642.87	6,640.86	153.04	2.13	-72.37	1,060.58	-2,895.10	3,444.64	3,410.51	34.14	100.911		
11,600.00	6,840.00	6,637.28	6,635.27	155.64	2.13	-71.65	1,060.66	-2,895.31	3,543.89	3,509.68	34.21	103.592		
11,700.00	6,840.00	6,631.50	6,629.49	158.26	2.13	-70.92	1,060.74	-2,895.52	3,643.18	3,608.89	34.28	106.268		
11,800.00	6,840.00	6,625.51	6,623.51	160.87	2.13	-70.16	1,060.81	-2,895.75	3,742.49	3,708.14	34.35	108.940		
11,900.00	6,840.00	6,619.32	6,617.33	163.49	2.13	-69.39	1,060.89	-2,895.98	3,841.84	3,807.42	34.42	111.606		
12,000.00	6,840.00	6,612.91	6,610.92	166.11	2.13	-68.60	1,060.97	-2,896.23	3,941.21	3,906.72	34.49	114.269		
12,100.00	6,840.00	6,606.26	6,604.28	168.74	2.13	-67.79	1,061.05	-2,896.50	4,040.61	4,006.06	34.56	116.927		
12,200.00	6,840.00	6,599.68	6,597.70	171.37	2.13	-66.99	1,061.13	-2,896.76	4,140.03	4,105.41	34.62	119.576		
12,300.00	6,840.00	6,596.10	6,594.13	174.00	2.13	-66.56	1,061.16	-2,896.91	4,239.48	4,204.77	34.70	122.160		
12,400.00	6,840.00	6,592.54	6,590.56	176.63	2.13	-66.14	1,061.20	-2,897.05	4,338.94	4,304.16	34.79	124.734		
12,500.00	6,840.00	6,588.98	6,587.01	179.27	2.13	-65.72	1,061.24	-2,897.20	4,438.43	4,403.56	34.87	127.300		
12,600.00	6,840.00	6,585.44	6,583.48	181.91	2.13	-65.30	1,061.27	-2,897.34	4,537.93	4,502.99	34.95	129.857		
12,700.00	6,840.00	6,581.91	6,579.95	184.55	2.13	-64.89	1,061.30	-2,897.48	4,637.46	4,602.43	35.02	132.404		
12,800.00	6,840.00	6,578.40	6,576.44	187.19	2.13	-64.48	1,061.33	-2,897.62	4,737.00	4,701.89	35.10	134.943		
12,900.00	6,840.00	6,574.89	6,572.93	189.84	2.13	-64.08	1,061.36	-2,897.77	4,836.56	4,801.37	35.18	137.473		
13,000.00	6,840.00	6,571.40	6,569.44	192.48	2.13	-63.68	1,061.39	-2,897.91	4,936.13	4,900.87	35.26	139.994		
13,100.00	6,840.00	6,567.91	6,565.96	195.13	2.14	-63.29	1,061.41	-2,898.05	5,035.71	5,000.38	35.34	142.505		
13,200.00	6,840.00	6,564.44	6,562.49	197.79	2.14	-62.90	1,061.44	-2,898.18	5,135.31	5,099.90	35.41	145.007		
13,300.00	6,840.00	6,560.98	6,559.04	200.44	2.14	-62.51	1,061.46	-2,898.32	5,234.92	5,199.43	35.49	147.500		
13,400.00	6,840.00	6,557.54	6,555.59	203.10	2.14	-62.13	1,061.48	-2,898.46	5,334.55	5,298.98	35.57	149.984		
13,500.00	6,840.00	6,554.10	6,552.16	205.75	2.14	-61.75	1,061.49	-2,898.60	5,434.18	5,398.54	35.64	152.458		
13,600.00	6,840.00	6,550.67	6,548.74	208.41	2.14	-61.37	1,061.51	-2,898.73	5,533.83	5,498.11	35.72	154.923		
13,700.00	6,840.00	6,547.26	6,545.33	211.07	2.14	-61.00	1,061.52	-2,898.87	5,633.49	5,597.69	35.80	157.378		
13,800.00	6,840.00	6,543.86	6,541.93	213.74	2.14	-60.64	1,061.54	-2,899.00	5,733.15	5,697.28	35.87	159.824		
13,900.00	6,840.00	6,540.47	6,538.54	216.40	2.14	-60.27	1,061.55	-2,899.14	5,832.83	5,796.88	35.95	162.261		
14,000.00	6,840.00	6,537.09	6,535.16	219.06	2.14	-59.91	1,061.56	-2,899.27	5,932.51	5,896.49	36.02	164.688		
14,100.00	6,840.00	6,533.72	6,531.80	221.73	2.14	-59.56	1,061.56	-2,899.41	6,032.20	5,996.10	36.10	167.105		
14,200.00	6,840.00	6,530.36	6,528.44	224.40	2.14	-59.21	1,061.57	-2,899.54	6,131.90	6,095.73	36.17	169.512		
14,300.00	6,840.00	6,527.02	6,525.10	227.07	2.14	-58.86	1,061.57	-2,899.67	6,231.61	6,195.36	36.25	171.910		
14,400.00	6,840.00	6,523.68	6,521.76	229.74	2.14	-58.51	1,061.58	-2,899.80	6,331.32	6,295.00	36.32	174.297		
14,500.00	6,840.00	6,520.36	6,518.44	232.41	2.14	-58.17	1,061.58	-2,899.93	6,431.04	6,394.64	36.40	176.675		
14,600.00	6,840.00	6,517.04	6,515.13	235.08	2.14	-57.84	1,061.58	-2,900.06	6,530.77	6,494.30	36.48	179.043		
14,700.00	6,840.00	6,513.74	6,511.83	237.75	2.14	-57.50	1,061.58	-2,900.19	6,630.51	6,593.95	36.55	181.401		
14,800.00	6,840.00	6,510.44	6,508.53	240.43	2.14	-57.16	1,061.58	-2,900.32	6,730.24	6,693.60	36.64	183.691		
14,900.00	6,840.00	6,507.17	6,505.27	243.10	2.14	-56.82	1,061.57	-2,900.45	6,829.99	6,793.28	36.71	186.047		
15,000.00	6,840.00	6,503.90	6,502.00	245.78	2.14	-56.48	1,061.56	-2,900.58	6,929.74	6,892.96	36.78	188.393		
15,100.00	6,840.00	6,500.62	6,498.72	248.46	2.14	-56.14	1,061.55	-2,900.71	7,029.50	6,992.64	36.86	190.730		
15,200.00	6,840.00	6,497.34	6,495.44	251.14	2.14	-55.80	1,061.54	-2,900.84	7,129.26	7,092.33	36.93	193.057		
15,300.00	6,840.00	6,494.06	6,492.16	253.82	2.14	-55.46	1,061.53	-2,900.97	7,229.03	7,192.03	37.00	195.375		
15,400.00	6,840.00	6,490.78	6,488.88	256.50	2.14	-55.12	1,061.51	-2,901.10	7,328.80	7,291.72	37.07	197.683		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT DABNEY G 25-6 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,483.92	6,482.03	259.18	2.14	-54.61	1,061.49	-2,901.35	7,428.57	7,391.42	37.15	199.981		
15,600.00	6,840.00	6,479.65	6,477.77	261.86	2.14	-54.22	1,061.47	-2,901.52	7,528.35	7,491.13	37.22	202.269		
15,700.00	6,840.00	6,475.38	6,473.50	264.54	2.14	-53.82	1,061.45	-2,901.69	7,628.13	7,590.84	37.29	204.548		
15,800.00	6,840.00	6,471.08	6,469.20	267.23	2.14	-53.43	1,061.43	-2,901.85	7,727.91	7,690.55	37.37	206.817		
15,900.00	6,840.00	6,466.77	6,464.90	269.91	2.14	-53.04	1,061.40	-2,902.02	7,827.70	7,790.26	37.44	209.076		
16,000.00	6,840.00	6,462.44	6,460.57	272.59	2.14	-52.66	1,061.37	-2,902.20	7,927.49	7,889.98	37.51	211.326		
16,100.00	6,840.00	6,458.10	6,456.23	275.28	2.14	-52.27	1,061.34	-2,902.37	8,027.29	7,989.70	37.59	213.565		
16,200.00	6,840.00	6,453.74	6,451.88	277.97	2.14	-51.89	1,061.31	-2,902.54	8,127.08	8,089.42	37.66	215.795		
16,300.00	6,840.00	6,449.36	6,447.51	280.65	2.14	-51.51	1,061.27	-2,902.71	8,226.88	8,189.15	37.74	218.014		
16,400.00	6,840.00	6,444.97	6,443.12	283.34	2.14	-51.14	1,061.24	-2,902.89	8,326.69	8,288.88	37.81	220.224		
16,500.00	6,840.00	6,440.56	6,438.71	286.03	2.14	-50.77	1,061.20	-2,903.06	8,426.49	8,388.61	37.88	222.424		
16,600.00	6,840.00	6,436.14	6,434.29	288.72	2.14	-50.40	1,061.16	-2,903.24	8,526.30	8,488.34	37.96	224.614		
16,700.00	6,840.00	6,431.70	6,429.85	291.41	2.14	-50.03	1,061.11	-2,903.42	8,626.11	8,588.08	38.04	226.794		
16,800.00	6,840.00	6,427.24	6,425.40	294.10	2.14	-49.66	1,061.07	-2,903.60	8,725.92	8,687.81	38.11	228.963		
16,900.00	6,840.00	6,422.76	6,420.93	296.79	2.14	-49.30	1,061.02	-2,903.77	8,825.74	8,787.55	38.19	231.123		
17,000.00	6,840.00	6,418.27	6,416.44	299.48	2.14	-48.94	1,060.97	-2,903.96	8,925.56	8,887.29	38.26	233.273		
17,100.00	6,840.00	6,413.76	6,411.93	302.17	2.14	-48.59	1,060.91	-2,904.14	9,025.37	8,987.04	38.34	235.413		
17,200.00	6,840.00	6,409.23	6,407.41	304.86	2.14	-48.24	1,060.86	-2,904.32	9,125.19	9,086.78	38.41	237.543		
17,300.00	6,840.00	6,404.69	6,402.87	307.56	2.14	-47.89	1,060.80	-2,904.50	9,225.02	9,186.53	38.49	239.662		
17,400.00	6,840.00	6,400.13	6,398.31	310.25	2.14	-47.54	1,060.74	-2,904.69	9,324.84	9,286.27	38.57	241.772		
17,500.00	6,840.00	6,400.00	6,398.18	312.94	2.14	-47.53	1,060.74	-2,904.69	9,424.67	9,386.01	38.66	243.779		
17,600.00	6,840.00	6,400.00	6,398.18	315.64	2.14	-47.53	1,060.74	-2,904.69	9,524.50	9,485.75	38.75	245.773		
17,700.00	6,840.00	6,400.00	6,398.18	318.33	2.14	-47.53	1,060.74	-2,904.69	9,624.34	9,585.49	38.85	247.756		
17,800.00	6,840.00	6,400.00	6,398.18	321.03	2.14	-47.53	1,060.74	-2,904.69	9,724.17	9,685.23	38.94	249.729		
17,900.00	6,840.00	6,400.00	6,398.18	323.72	2.14	-47.53	1,060.74	-2,904.69	9,824.01	9,784.98	39.03	251.692		
18,000.00	6,840.00	6,400.00	6,398.18	326.42	2.14	-47.53	1,060.74	-2,904.69	9,923.86	9,884.73	39.13	253.645		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-76.08	1,046.64	-4,221.73	4,350.43					
100.00	100.00	12.00	12.00	0.13	0.09	-76.08	1,046.64	-4,221.73	4,349.54	4,349.31	0.23	N/A		
200.00	200.00	112.00	112.00	0.49	0.99	-76.08	1,046.64	-4,221.73	4,349.54	4,348.05	1.49	2,923.594		
300.00	300.00	212.00	212.00	0.85	2.74	-76.08	1,046.64	-4,221.73	4,349.54	4,345.95	3.59	1,211.052		
400.00	400.00	312.00	312.00	1.21	4.49	-76.08	1,046.64	-4,221.73	4,349.54	4,343.84	5.70	763.702		
500.00	500.00	412.00	412.00	1.57	6.23	-76.08	1,046.64	-4,221.73	4,349.54	4,341.74	7.80	557.695		
600.00	599.98	511.98	511.98	1.92	7.98	-21.49	1,046.64	-4,221.73	4,347.91	4,338.02	9.90	439.208		
700.00	699.84	611.84	611.84	2.28	9.72	-21.55	1,046.64	-4,221.73	4,343.05	4,331.05	12.00	361.974		
800.00	799.45	711.45	711.45	2.65	11.46	-21.65	1,046.64	-4,221.73	4,334.94	4,320.84	14.10	307.533		
900.00	898.70	810.70	810.70	3.02	13.19	-21.79	1,046.64	-4,221.73	4,323.60	4,307.41	16.19	267.049		
1,000.00	997.47	909.47	909.47	3.42	14.91	-21.98	1,046.64	-4,221.73	4,309.06	4,290.78	18.28	235.719		
1,100.00	1,095.62	1,007.62	1,007.62	3.84	16.63	-22.21	1,046.64	-4,221.73	4,291.34	4,270.97	20.37	210.718		
1,200.00	1,193.06	1,105.06	1,105.06	4.30	18.33	-22.49	1,046.64	-4,221.73	4,270.46	4,248.01	22.44	190.271		
1,300.00	1,289.64	1,201.64	1,201.64	4.79	20.01	-22.81	1,046.64	-4,221.73	4,246.45	4,221.94	24.52	173.211		
1,400.00	1,385.27	1,302.73	1,297.27	5.33	21.78	-23.19	1,046.64	-4,221.73	4,219.36	4,192.69	26.68	158.169		
1,500.00	1,479.82	1,408.18	1,391.82	5.92	23.62	-23.61	1,046.64	-4,221.73	4,189.23	4,160.31	28.92	144.836		
1,600.00	1,573.17	1,485.17	1,485.17	6.56	24.96	-24.09	1,046.64	-4,221.73	4,156.11	4,125.42	30.69	135.432		
1,700.00	1,665.22	1,577.22	1,577.22	7.26	26.57	-24.59	1,046.64	-4,221.73	4,120.06	4,087.33	32.73	125.870		
1,800.00	1,756.74	1,668.74	1,668.74	7.99	28.17	-24.82	1,046.64	-4,221.73	4,082.92	4,048.15	34.77	117.430		
1,900.00	1,848.26	1,760.26	1,760.26	8.75	29.76	-25.06	1,046.64	-4,221.73	4,045.83	4,009.02	36.82	109.893		
2,000.00	1,939.78	1,851.78	1,851.78	9.51	31.36	-25.30	1,046.64	-4,221.73	4,008.81	3,969.94	38.87	103.125		
2,100.00	2,031.30	1,943.30	1,943.30	10.29	32.96	-25.55	1,046.64	-4,221.73	3,971.85	3,930.92	40.94	97.018		
2,200.00	2,122.82	2,034.82	2,034.82	11.07	34.55	-25.79	1,046.64	-4,221.73	3,934.96	3,891.95	43.01	91.483		
2,300.00	2,214.34	2,126.34	2,126.34	11.86	36.15	-26.05	1,046.64	-4,221.73	3,898.14	3,853.04	45.09	86.444		
2,400.00	2,305.85	2,217.85	2,217.85	12.66	37.75	-26.31	1,046.64	-4,221.73	3,861.38	3,814.20	47.18	81.839		
2,500.00	2,397.37	2,309.37	2,309.37	13.46	39.35	-26.57	1,046.64	-4,221.73	3,824.70	3,775.42	49.28	77.615		
2,600.00	2,488.89	2,400.89	2,400.89	14.26	40.94	-26.84	1,046.64	-4,221.73	3,788.09	3,736.71	51.38	73.729		
2,700.00	2,580.41	2,507.59	2,492.41	15.07	42.81	-27.11	1,046.64	-4,221.73	3,751.56	3,697.81	53.75	69.795		
2,800.00	2,671.93	2,583.93	2,583.93	15.88	44.14	-27.39	1,046.64	-4,221.73	3,715.10	3,659.50	55.60	66.820		
2,900.00	2,763.45	2,675.45	2,675.45	16.69	45.74	-27.67	1,046.64	-4,221.73	3,678.72	3,621.01	57.72	63.736		
3,000.00	2,854.97	2,766.97	2,766.97	17.51	47.33	-27.96	1,046.64	-4,221.73	3,642.43	3,582.59	59.84	60.867		
3,100.00	2,946.49	2,858.49	2,858.49	18.32	48.93	-28.26	1,046.64	-4,221.73	3,606.22	3,544.25	61.97	58.190		
3,200.00	3,038.00	2,950.00	2,950.00	19.14	50.53	-28.56	1,046.64	-4,221.73	3,570.10	3,505.99	64.11	55.688		
3,300.00	3,129.52	3,041.52	3,041.52	19.96	52.12	-28.86	1,046.64	-4,221.73	3,534.07	3,467.82	66.25	53.343		
3,400.00	3,221.04	3,133.04	3,133.04	20.77	53.72	-29.18	1,046.64	-4,221.73	3,498.14	3,429.74	68.40	51.143		
3,500.00	3,312.56	3,224.56	3,224.56	21.59	55.32	-29.50	1,046.64	-4,221.73	3,462.30	3,391.74	70.55	49.073		
3,600.00	3,404.08	3,316.08	3,316.08	22.42	56.92	-29.82	1,046.64	-4,221.73	3,426.55	3,353.84	72.71	47.124		
3,700.00	3,495.60	3,407.60	3,407.60	23.24	58.51	-30.15	1,046.64	-4,221.73	3,390.91	3,316.04	74.88	45.285		
3,800.00	3,587.12	3,500.88	3,499.12	24.06	60.14	-30.49	1,046.64	-4,221.73	3,355.38	3,278.30	77.08	43.530		
3,900.00	3,678.63	3,609.37	3,590.63	24.88	62.04	-30.84	1,046.64	-4,221.73	3,319.96	3,240.40	79.56	41.730		
4,000.00	3,770.15	3,682.15	3,682.15	25.71	63.31	-31.19	1,046.64	-4,221.73	3,284.64	3,203.23	81.42	40.344		
4,100.00	3,861.67	3,773.67	3,773.67	26.53	64.90	-31.55	1,046.64	-4,221.73	3,249.45	3,165.84	83.61	38.865		
4,200.00	3,953.19	3,865.19	3,865.19	27.35	66.50	-31.91	1,046.64	-4,221.73	3,214.37	3,128.57	85.81	37.460		
4,300.00	4,044.71	3,956.71	3,956.71	28.18	68.10	-32.29	1,046.64	-4,221.73	3,179.42	3,091.41	88.01	36.124		
4,400.00	4,136.23	4,048.23	4,048.23	29.01	69.69	-32.67	1,046.64	-4,221.73	3,144.60	3,054.37	90.23	34.852		
4,500.00	4,227.75	4,139.75	4,139.75	29.83	71.29	-33.06	1,046.64	-4,221.73	3,109.91	3,017.46	92.45	33.639		
4,600.00	4,319.27	4,231.27	4,231.27	30.66	72.89	-33.46	1,046.64	-4,221.73	3,075.35	2,980.67	94.68	32.482		
4,700.00	4,410.78	4,322.78	4,322.78	31.48	74.49	-33.87	1,046.64	-4,221.73	3,040.94	2,944.02	96.92	31.377		
4,800.00	4,502.30	4,414.30	4,414.30	32.31	76.08	-34.29	1,046.64	-4,221.73	3,006.67	2,907.51	99.16	30.321		
4,900.00	4,593.82	4,505.82	4,505.82	33.14	77.68	-34.71	1,046.64	-4,221.73	2,972.56	2,871.14	101.42	29.311		
5,000.00	4,685.34	4,602.66	4,597.34	33.96	79.37	-35.15	1,046.64	-4,221.73	2,938.60	2,834.83	103.77	28.318		
5,100.00	4,776.86	4,688.86	4,688.86	34.79	80.88	-35.59	1,046.64	-4,221.73	2,904.80	2,798.85	105.95	27.417		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,780.38	4,780.38	35.62	82.47	-36.05	1,046.64	-4,221.73	2,871.17	2,762.94	108.23	26.528		
5,300.00	4,959.90	4,871.90	4,871.90	36.45	84.07	-36.51	1,046.64	-4,221.73	2,837.72	2,727.20	110.52	25.676		
5,400.00	5,051.41	4,963.41	4,963.41	37.27	85.67	-36.99	1,046.64	-4,221.73	2,804.44	2,691.62	112.82	24.857		
5,500.00	5,142.93	5,054.93	5,054.93	38.10	87.27	-37.48	1,046.64	-4,221.73	2,771.35	2,656.22	115.13	24.071		
5,600.00	5,234.45	5,146.45	5,146.45	38.93	88.86	-37.97	1,046.64	-4,221.73	2,738.46	2,621.00	117.45	23.315		
5,700.00	5,325.97	5,237.97	5,237.97	39.76	90.46	-38.48	1,046.64	-4,221.73	2,705.77	2,585.98	119.79	22.588		
5,800.00	5,417.49	5,329.49	5,329.49	40.59	92.06	-39.00	1,046.64	-4,221.73	2,673.28	2,551.15	122.13	21.889		
5,900.00	5,509.01	5,421.01	5,421.01	41.42	93.65	-39.53	1,046.64	-4,221.73	2,641.01	2,516.52	124.49	21.215		
6,000.00	5,600.53	5,512.53	5,512.53	42.25	95.25	-40.08	1,046.64	-4,221.73	2,608.96	2,482.11	126.85	20.567		
6,100.00	5,692.04	5,604.04	5,604.04	43.07	96.85	-40.63	1,046.64	-4,221.73	2,577.14	2,447.91	129.23	19.942		
6,200.00	5,783.56	5,704.44	5,695.56	43.90	98.60	-41.20	1,046.64	-4,221.73	2,545.57	2,413.79	131.78	19.317		
6,300.00	5,875.08	5,787.08	5,787.08	44.73	100.04	-41.79	1,046.64	-4,221.73	2,514.24	2,380.22	134.03	18.759		
6,400.00	5,966.60	5,878.60	5,878.60	45.56	101.64	-42.38	1,046.64	-4,221.73	2,483.18	2,346.73	136.44	18.199		
6,500.00	6,058.12	5,970.12	5,970.12	46.39	103.24	-42.99	1,046.64	-4,221.73	2,452.38	2,313.50	138.88	17.659		
6,600.00	6,149.64	6,061.64	6,061.64	47.22	104.84	-43.62	1,046.64	-4,221.73	2,421.86	2,280.54	141.32	17.137		
6,700.00	6,241.16	6,153.16	6,153.16	48.05	106.43	-44.26	1,046.64	-4,221.73	2,391.63	2,247.85	143.78	16.634		
6,800.00	6,332.68	6,244.68	6,244.68	48.88	108.03	-44.91	1,046.64	-4,221.73	2,361.70	2,215.45	146.25	16.148		
6,900.00	6,424.19	6,336.19	6,336.19	49.71	109.63	-45.58	1,046.64	-4,221.73	2,332.09	2,183.35	148.74	15.679		
7,000.00	6,514.88	6,426.88	6,426.88	50.58	111.21	-46.33	1,046.64	-4,221.73	2,300.54	2,149.31	151.24	15.212		
7,100.00	6,599.14	6,511.14	6,511.14	51.67	112.88	-47.14	1,046.64	-4,221.73	2,255.29	2,101.60	153.69	14.674		
7,200.00	6,673.85	6,585.85	6,585.85	53.01	113.98	-48.01	1,046.64	-4,221.73	2,195.87	2,039.83	156.03	14.073		
7,300.00	6,736.73	6,648.73	6,648.73	54.56	115.08	-49.00	1,046.64	-4,221.73	2,124.08	1,965.90	158.18	13.428		
7,400.00	6,785.87	6,702.13	6,697.87	56.29	116.01	-49.84	1,046.64	-4,221.73	2,042.11	1,881.96	160.16	12.751		
7,500.00	6,819.79	6,731.79	6,731.79	58.13	116.53	-50.84	1,046.64	-4,221.73	1,952.42	1,790.74	161.68	12.076		
7,600.00	6,837.44	6,749.44	6,749.44	60.02	116.84	-52.04	1,046.64	-4,221.73	1,857.67	1,694.74	162.93	11.402		
7,700.00	6,840.00	6,752.00	6,752.00	61.90	116.88	-53.00	1,046.64	-4,221.73	1,760.72	1,596.87	163.85	10.746		
7,800.00	6,840.00	6,752.00	6,752.00	63.83	116.88	-54.00	1,046.64	-4,221.73	1,663.86	1,499.07	164.79	10.097		
7,900.00	6,840.00	6,752.00	6,752.00	65.81	116.88	-55.00	1,046.64	-4,221.73	1,567.41	1,401.54	165.86	9.450		
8,000.00	6,840.00	6,752.00	6,752.00	67.84	116.88	-56.00	1,046.64	-4,221.73	1,471.42	1,304.34	167.08	8.807		
8,100.00	6,840.00	6,752.00	6,752.00	69.91	116.88	-57.00	1,046.64	-4,221.73	1,376.01	1,207.54	168.48	8.167		
8,200.00	6,840.00	6,752.00	6,752.00	72.03	116.88	-58.00	1,046.64	-4,221.73	1,281.30	1,111.22	170.08	7.533		
8,300.00	6,840.00	6,752.00	6,752.00	74.18	116.88	-59.00	1,046.64	-4,221.73	1,187.45	1,015.50	171.95	6.906		
8,400.00	6,840.00	6,752.00	6,752.00	76.37	116.88	-60.00	1,046.64	-4,221.73	1,094.70	920.57	174.13	6.287		
8,500.00	6,840.00	6,752.00	6,752.00	78.59	116.88	-61.00	1,046.64	-4,221.73	1,003.34	826.63	176.71	5.678		
8,600.00	6,840.00	6,752.00	6,752.00	80.85	116.88	-62.00	1,046.64	-4,221.73	913.79	734.04	179.75	5.084		
8,700.00	6,840.00	6,752.00	6,752.00	83.13	116.88	-63.00	1,046.64	-4,221.73	826.64	643.27	183.37	4.508		
8,800.00	6,840.00	6,752.00	6,752.00	85.44	116.88	-64.00	1,046.64	-4,221.73	742.73	555.06	187.67	3.958		
8,900.00	6,840.00	6,752.00	6,752.00	87.77	116.88	-65.00	1,046.64	-4,221.73	663.30	470.58	192.72	3.442		
9,000.00	6,840.00	6,752.00	6,752.00	90.12	116.88	-66.00	1,046.64	-4,221.73	590.16	391.66	198.50	2.973		
9,100.00	6,840.00	6,752.00	6,752.00	92.50	116.88	-67.00	1,046.64	-4,221.73	525.94	321.24	204.70	2.569		
9,200.00	6,840.00	6,752.00	6,752.00	94.89	116.88	-68.00	1,046.64	-4,221.73	474.27	263.82	210.45	2.254		
9,300.00	6,840.00	6,752.00	6,752.00	97.30	116.88	-69.00	1,046.64	-4,221.73	439.61	225.44	214.17	2.053		
9,400.00	6,840.00	6,752.00	6,752.00	99.73	116.88	-70.00	1,046.64	-4,221.73	426.11	212.12	213.99	1.991 ES, SF		
9,408.40	6,840.00	6,752.00	6,752.00	99.93	116.88	-70.00	1,046.64	-4,221.73	426.03	212.27	213.76	1.993 CC		
9,500.00	6,840.00	6,752.00	6,752.00	102.17	116.88	-71.00	1,046.64	-4,221.73	435.77	226.54	209.22	2.083		
9,600.00	6,840.00	6,752.00	6,752.00	104.63	116.88	-72.00	1,046.64	-4,221.73	467.13	265.97	201.16	2.322		
9,700.00	6,840.00	6,752.00	6,752.00	107.10	116.88	-73.00	1,046.64	-4,221.73	516.27	324.25	192.02	2.689		
9,800.00	6,840.00	6,752.00	6,752.00	109.58	116.88	-74.00	1,046.64	-4,221.73	578.67	395.23	183.44	3.154		
9,900.00	6,840.00	6,752.00	6,752.00	112.07	116.88	-75.00	1,046.64	-4,221.73	650.52	474.37	176.15	3.693		
10,000.00	6,840.00	6,752.00	6,752.00	114.58	116.88	-76.00	1,046.64	-4,221.73	729.04	558.79	170.25	4.282		
10,100.00	6,840.00	6,752.00	6,752.00	117.09	116.88	-77.00	1,046.64	-4,221.73	812.29	646.69	165.60	4.905		
10,200.00	6,840.00	6,752.00	6,752.00	119.61	116.88	-78.00	1,046.64	-4,221.73	898.96	737.00	161.96	5.550		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
10,300.00	6,840.00	6,752.00	6,752.00	122.14	116.88	-90.00	1,046.64	-4,221.73	988.16	829.02	159.14	6.209		
10,400.00	6,840.00	6,752.00	6,752.00	124.68	116.88	-90.00	1,046.64	-4,221.73	1,079.25	922.29	156.96	6.876		
10,500.00	6,840.00	6,752.00	6,752.00	127.23	116.88	-90.00	1,046.64	-4,221.73	1,171.79	1,016.53	155.26	7.547		
10,600.00	6,840.00	6,752.00	6,752.00	129.78	116.88	-90.00	1,046.64	-4,221.73	1,265.47	1,111.53	153.94	8.220		
10,700.00	6,840.00	6,752.00	6,752.00	132.35	116.88	-90.00	1,046.64	-4,221.73	1,360.05	1,207.13	152.92	8.894		
10,800.00	6,840.00	6,752.00	6,752.00	134.91	116.88	-90.00	1,046.64	-4,221.73	1,455.36	1,303.23	152.12	9.567		
10,900.00	6,840.00	6,752.00	6,752.00	137.49	116.88	-90.00	1,046.64	-4,221.73	1,551.25	1,399.74	151.51	10.239		
11,000.00	6,840.00	6,752.00	6,752.00	140.07	116.88	-90.00	1,046.64	-4,221.73	1,647.64	1,496.60	151.03	10.909		
11,100.00	6,840.00	6,752.00	6,752.00	142.65	116.88	-90.00	1,046.64	-4,221.73	1,744.43	1,593.76	150.66	11.578		
11,200.00	6,840.00	6,752.00	6,752.00	145.24	116.88	-90.00	1,046.64	-4,221.73	1,841.56	1,691.18	150.38	12.246		
11,300.00	6,840.00	6,752.00	6,752.00	147.83	116.88	-90.00	1,046.64	-4,221.73	1,938.99	1,788.81	150.17	12.912		
11,400.00	6,840.00	6,752.00	6,752.00	150.43	116.88	-90.00	1,046.64	-4,221.73	2,036.66	1,886.64	150.02	13.576		
11,500.00	6,840.00	6,752.00	6,752.00	153.04	116.88	-90.00	1,046.64	-4,221.73	2,134.55	1,984.64	149.91	14.239		
11,600.00	6,840.00	6,752.00	6,752.00	155.64	116.88	-90.00	1,046.64	-4,221.73	2,232.63	2,082.80	149.83	14.901		
11,700.00	6,840.00	6,752.00	6,752.00	158.26	116.88	-90.00	1,046.64	-4,221.73	2,330.87	2,181.08	149.79	15.561		
11,800.00	6,840.00	6,752.00	6,752.00	160.87	116.88	-90.00	1,046.64	-4,221.73	2,429.25	2,279.49	149.76	16.221		
11,900.00	6,840.00	6,752.00	6,752.00	163.49	116.88	-90.00	1,046.64	-4,221.73	2,527.76	2,378.00	149.76	16.879		
12,000.00	6,840.00	6,752.00	6,752.00	166.11	116.88	-90.00	1,046.64	-4,221.73	2,626.39	2,476.62	149.77	17.536		
12,100.00	6,840.00	6,752.00	6,752.00	168.74	116.88	-90.00	1,046.64	-4,221.73	2,725.11	2,575.31	149.80	18.192		
12,200.00	6,840.00	6,752.00	6,752.00	171.37	116.88	-90.00	1,046.64	-4,221.73	2,823.92	2,674.09	149.83	18.847		
12,300.00	6,840.00	6,752.00	6,752.00	174.00	116.88	-90.00	1,046.64	-4,221.73	2,922.82	2,772.94	149.88	19.501		
12,400.00	6,840.00	6,752.00	6,752.00	176.63	116.88	-90.00	1,046.64	-4,221.73	3,021.79	2,871.86	149.93	20.155		
12,500.00	6,840.00	6,752.00	6,752.00	179.27	116.88	-90.00	1,046.64	-4,221.73	3,120.82	2,970.83	149.99	20.807		
12,600.00	6,840.00	6,752.00	6,752.00	181.91	116.88	-90.00	1,046.64	-4,221.73	3,219.91	3,069.86	150.05	21.459		
12,700.00	6,840.00	6,752.00	6,752.00	184.55	116.88	-90.00	1,046.64	-4,221.73	3,319.06	3,168.94	150.12	22.110		
12,800.00	6,840.00	6,752.00	6,752.00	187.19	116.88	-90.00	1,046.64	-4,221.73	3,418.26	3,268.07	150.19	22.760		
12,900.00	6,840.00	6,752.00	6,752.00	189.84	116.88	-90.00	1,046.64	-4,221.73	3,517.50	3,367.23	150.26	23.409		
13,000.00	6,840.00	6,752.00	6,752.00	192.48	116.88	-90.00	1,046.64	-4,221.73	3,616.78	3,466.44	150.34	24.057		
13,100.00	6,840.00	6,752.00	6,752.00	195.13	116.88	-90.00	1,046.64	-4,221.73	3,716.10	3,565.69	150.42	24.705		
13,200.00	6,840.00	6,752.00	6,752.00	197.79	116.88	-90.00	1,046.64	-4,221.73	3,815.46	3,664.96	150.50	25.352		
13,300.00	6,840.00	6,752.00	6,752.00	200.44	116.88	-90.00	1,046.64	-4,221.73	3,914.85	3,764.27	150.58	25.998		
13,400.00	6,840.00	6,752.00	6,752.00	203.10	116.88	-90.00	1,046.64	-4,221.73	4,014.27	3,863.61	150.66	26.644		
13,500.00	6,840.00	6,752.00	6,752.00	205.75	116.88	-90.00	1,046.64	-4,221.73	4,113.72	3,962.98	150.75	27.289		
13,600.00	6,840.00	6,752.00	6,752.00	208.41	116.88	-90.00	1,046.64	-4,221.73	4,213.20	4,062.37	150.83	27.933		
13,700.00	6,840.00	6,752.00	6,752.00	211.07	116.88	-90.00	1,046.64	-4,221.73	4,312.70	4,161.78	150.92	28.577		
13,800.00	6,840.00	6,752.00	6,752.00	213.74	116.88	-90.00	1,046.64	-4,221.73	4,412.22	4,261.22	151.00	29.219		
13,900.00	6,840.00	6,752.00	6,752.00	216.40	116.88	-90.00	1,046.64	-4,221.73	4,511.76	4,360.67	151.09	29.862		
14,000.00	6,840.00	6,752.00	6,752.00	219.06	116.88	-90.00	1,046.64	-4,221.73	4,611.33	4,460.15	151.18	30.503		
14,100.00	6,840.00	6,752.00	6,752.00	221.73	116.88	-90.00	1,046.64	-4,221.73	4,710.91	4,559.64	151.26	31.144		
14,200.00	6,840.00	6,752.00	6,752.00	224.40	116.88	-90.00	1,046.64	-4,221.73	4,810.51	4,659.15	151.35	31.784		
14,300.00	6,840.00	6,752.00	6,752.00	227.07	116.88	-90.00	1,046.64	-4,221.73	4,910.12	4,758.68	151.44	32.423		
14,400.00	6,840.00	6,752.00	6,752.00	229.74	116.88	-90.00	1,046.64	-4,221.73	5,009.75	4,858.22	151.53	33.062		
14,500.00	6,840.00	6,752.00	6,752.00	232.41	116.88	-90.00	1,046.64	-4,221.73	5,109.40	4,957.78	151.62	33.700		
14,600.00	6,840.00	6,752.00	6,752.00	235.08	116.88	-90.00	1,046.64	-4,221.73	5,209.05	5,057.35	151.70	34.337		
14,700.00	6,840.00	6,752.00	6,752.00	237.75	116.88	-90.00	1,046.64	-4,221.73	5,308.73	5,156.93	151.79	34.974		
14,800.00	6,840.00	6,752.00	6,752.00	240.43	116.88	-90.00	1,046.64	-4,221.73	5,408.41	5,256.53	151.88	35.610		
14,900.00	6,840.00	6,752.00	6,752.00	243.10	116.88	-90.00	1,046.64	-4,221.73	5,508.10	5,356.13	151.97	36.245		
15,000.00	6,840.00	6,752.00	6,752.00	245.78	116.88	-90.00	1,046.64	-4,221.73	5,607.81	5,455.75	152.06	36.879		
15,100.00	6,840.00	6,752.00	6,752.00	248.46	116.88	-90.00	1,046.64	-4,221.73	5,707.53	5,555.38	152.15	37.513		
15,200.00	6,840.00	6,752.00	6,752.00	251.14	116.88	-90.00	1,046.64	-4,221.73	5,807.25	5,655.02	152.24	38.146		
15,300.00	6,840.00	6,752.00	6,752.00	253.82	116.88	-90.00	1,046.64	-4,221.73	5,906.99	5,754.66	152.33	38.779		
15,400.00	6,840.00	6,752.00	6,752.00	256.50	116.88	-90.00	1,046.64	-4,221.73	6,006.73	5,854.32	152.41	39.411		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT FREEDOM G 25-5 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,752.00	6,752.00	259.18	116.88	-90.00	1,046.64	-4,221.73	6,106.48	5,953.98	152.50	40.042		
15,600.00	6,840.00	6,752.00	6,752.00	261.86	116.88	-90.00	1,046.64	-4,221.73	6,206.24	6,053.65	152.59	40.672		
15,700.00	6,840.00	6,752.00	6,752.00	264.54	116.88	-90.00	1,046.64	-4,221.73	6,306.01	6,153.33	152.68	41.301		
15,800.00	6,840.00	6,752.00	6,752.00	267.23	116.88	-90.00	1,046.64	-4,221.73	6,405.79	6,253.01	152.77	41.930		
15,900.00	6,840.00	6,752.00	6,752.00	269.91	116.88	-90.00	1,046.64	-4,221.73	6,505.57	6,352.71	152.86	42.559		
16,000.00	6,840.00	6,752.00	6,752.00	272.59	116.88	-90.00	1,046.64	-4,221.73	6,605.36	6,452.41	152.95	43.186		
16,100.00	6,840.00	6,752.00	6,752.00	275.28	116.88	-90.00	1,046.64	-4,221.73	6,705.15	6,552.11	153.04	43.813		
16,200.00	6,840.00	6,752.00	6,752.00	277.97	116.88	-90.00	1,046.64	-4,221.73	6,804.95	6,651.82	153.13	44.439		
16,300.00	6,840.00	6,752.00	6,752.00	280.65	116.88	-90.00	1,046.64	-4,221.73	6,904.76	6,751.54	153.22	45.064		
16,400.00	6,840.00	6,752.00	6,752.00	283.34	116.88	-90.00	1,046.64	-4,221.73	7,004.57	6,851.26	153.31	45.689		
16,500.00	6,840.00	6,752.00	6,752.00	286.03	116.88	-90.00	1,046.64	-4,221.73	7,104.39	6,950.99	153.40	46.312		
16,600.00	6,840.00	6,752.00	6,752.00	288.72	116.88	-90.00	1,046.64	-4,221.73	7,204.21	7,050.72	153.49	46.935		
16,700.00	6,840.00	6,752.00	6,752.00	291.41	116.88	-90.00	1,046.64	-4,221.73	7,304.04	7,150.46	153.58	47.558		
16,800.00	6,840.00	6,752.00	6,752.00	294.10	116.88	-90.00	1,046.64	-4,221.73	7,403.87	7,250.20	153.67	48.179		
16,900.00	6,840.00	6,752.00	6,752.00	296.79	116.88	-90.00	1,046.64	-4,221.73	7,503.71	7,349.94	153.76	48.800		
17,000.00	6,840.00	6,752.00	6,752.00	299.48	116.88	-90.00	1,046.64	-4,221.73	7,603.55	7,449.69	153.85	49.420		
17,100.00	6,840.00	6,752.00	6,752.00	302.17	116.88	-90.00	1,046.64	-4,221.73	7,703.39	7,549.45	153.95	50.040		
17,200.00	6,840.00	6,752.00	6,752.00	304.86	116.88	-90.00	1,046.64	-4,221.73	7,803.24	7,649.20	154.04	50.658		
17,300.00	6,840.00	6,752.00	6,752.00	307.56	116.88	-90.00	1,046.64	-4,221.73	7,903.09	7,748.97	154.13	51.276		
17,400.00	6,840.00	6,752.00	6,752.00	310.25	116.88	-90.00	1,046.64	-4,221.73	8,002.95	7,848.73	154.22	51.893		
17,500.00	6,840.00	6,752.00	6,752.00	312.94	116.88	-90.00	1,046.64	-4,221.73	8,102.81	7,948.50	154.31	52.510		
17,600.00	6,840.00	6,752.00	6,752.00	315.64	116.88	-90.00	1,046.64	-4,221.73	8,202.67	8,048.27	154.40	53.125		
17,700.00	6,840.00	6,752.00	6,752.00	318.33	116.88	-90.00	1,046.64	-4,221.73	8,302.54	8,148.05	154.50	53.740		
17,800.00	6,840.00	6,752.00	6,752.00	321.03	116.88	-90.00	1,046.64	-4,221.73	8,402.41	8,247.82	154.59	54.354		
17,900.00	6,840.00	6,752.00	6,752.00	323.72	116.88	-90.00	1,046.64	-4,221.73	8,502.28	8,347.60	154.68	54.967		
18,000.00	6,840.00	6,752.00	6,752.00	326.42	116.88	-90.00	1,046.64	-4,221.73	8,602.16	8,447.39	154.77	55.580		
18,100.00	6,840.00	6,752.00	6,752.00	329.11	116.88	-90.00	1,046.64	-4,221.73	8,702.04	8,547.17	154.86	56.191		
18,200.00	6,840.00	6,752.00	6,752.00	331.81	116.88	-90.00	1,046.64	-4,221.73	8,801.92	8,646.96	154.96	56.802		
18,300.00	6,840.00	6,752.00	6,752.00	334.51	116.88	-90.00	1,046.64	-4,221.73	8,901.80	8,746.75	155.05	57.412		
18,400.00	6,840.00	6,752.00	6,752.00	337.20	116.88	-90.00	1,046.64	-4,221.73	9,001.69	8,846.55	155.14	58.022		
18,500.00	6,840.00	6,752.00	6,752.00	339.90	116.88	-90.00	1,046.64	-4,221.73	9,101.58	8,946.34	155.24	58.630		
18,600.00	6,840.00	6,752.00	6,752.00	342.60	116.88	-90.00	1,046.64	-4,221.73	9,201.47	9,046.14	155.33	59.238		
18,700.00	6,840.00	6,752.00	6,752.00	345.30	116.88	-90.00	1,046.64	-4,221.73	9,301.36	9,145.94	155.42	59.845		
18,800.00	6,840.00	6,752.00	6,752.00	348.00	116.88	-90.00	1,046.64	-4,221.73	9,401.26	9,245.74	155.52	60.451		
18,900.00	6,840.00	6,752.00	6,752.00	350.70	116.88	-90.00	1,046.64	-4,221.73	9,501.16	9,345.55	155.61	61.056		
19,000.00	6,840.00	6,752.00	6,752.00	353.39	116.88	-90.00	1,046.64	-4,221.73	9,601.06	9,445.35	155.71	61.661		
19,100.00	6,840.00	6,752.00	6,752.00	356.09	116.88	-90.00	1,046.64	-4,221.73	9,700.96	9,545.16	155.80	62.265		
19,200.00	6,840.00	6,752.00	6,752.00	358.79	116.88	-90.00	1,046.64	-4,221.73	9,800.87	9,644.97	155.90	62.868		
19,300.00	6,840.00	6,752.00	6,752.00	361.49	116.88	-90.00	1,046.64	-4,221.73	9,900.77	9,744.78	155.99	63.470		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-61.86	2,263.78	-4,232.41	4,800.39					
100.00	100.00	21.64	21.64	0.13	0.02	-61.86	2,263.79	-4,232.41	4,799.79	4,799.64	0.15	N/A		
200.00	200.00	113.01	113.01	0.49	0.11	-61.85	2,264.15	-4,232.37	4,799.94	4,799.34	0.61	7,933.451		
300.00	300.00	210.66	210.66	0.85	0.24	-61.85	2,264.88	-4,232.24	4,800.18	4,799.09	1.09	4,404.635		
400.00	400.00	295.79	295.78	1.21	0.31	-61.84	2,265.61	-4,232.27	4,800.61	4,799.10	1.52	3,168.152		
500.00	500.00	399.92	399.91	1.57	0.39	-61.83	2,266.51	-4,232.44	4,801.17	4,799.22	1.94	2,470.398		
600.00	599.98	477.10	477.09	1.92	0.43	-7.22	2,267.22	-4,232.71	4,800.17	4,797.83	2.34	2,050.503		
700.00	699.84	581.99	581.97	2.28	0.49	-7.23	2,268.20	-4,233.38	4,795.99	4,793.24	2.75	1,741.610		
800.00	799.45	670.10	670.07	2.65	0.54	-7.26	2,268.91	-4,233.94	4,788.29	4,785.13	3.16	1,516.824		
900.00	898.70	780.05	780.01	3.02	0.59	-7.30	2,269.85	-4,234.81	4,777.30	4,773.73	3.57	1,338.170		
1,000.00	997.47	892.32	892.28	3.42	0.64	-7.36	2,270.67	-4,235.30	4,762.51	4,758.52	3.98	1,195.323		
1,100.00	1,095.62	983.25	983.21	3.84	0.68	-7.44	2,271.05	-4,235.80	4,744.25	4,739.86	4.39	1,080.685		
1,200.00	1,193.06	1,087.27	1,087.23	4.30	0.73	-7.53	2,271.47	-4,236.43	4,722.65	4,717.84	4.80	983.285		
1,300.00	1,289.64	1,192.34	1,192.30	4.79	0.77	-7.64	2,272.01	-4,236.79	4,697.50	4,692.28	5.22	900.194		
1,400.00	1,385.27	1,292.66	1,292.61	5.33	0.82	-7.77	2,272.44	-4,237.02	4,668.89	4,663.26	5.63	828.697		
1,500.00	1,479.82	1,388.38	1,388.33	5.92	0.86	-7.91	2,272.75	-4,237.23	4,636.93	4,630.88	6.05	766.253		
1,600.00	1,573.17	1,478.09	1,478.04	6.56	0.89	-8.07	2,273.07	-4,237.43	4,601.75	4,595.28	6.47	711.320		
1,700.00	1,665.22	1,571.90	1,571.85	7.26	0.93	-8.24	2,273.59	-4,237.59	4,563.42	4,556.52	6.90	661.769		
1,800.00	1,756.74	1,659.68	1,659.63	7.99	0.96	-8.31	2,274.02	-4,237.76	4,523.83	4,516.52	7.31	618.806		
1,900.00	1,848.26	1,746.91	1,746.86	8.75	1.00	-8.38	2,274.41	-4,238.08	4,484.38	4,476.64	7.73	579.914		
2,000.00	1,939.78	1,830.06	1,830.00	9.51	1.03	-8.44	2,274.80	-4,238.46	4,445.01	4,436.85	8.16	544.663		
2,100.00	2,031.30	1,904.45	1,904.40	10.29	1.06	-8.50	2,275.31	-4,238.99	4,405.96	4,397.36	8.59	512.725		
2,200.00	2,122.82	1,985.49	1,985.43	11.07	1.09	-8.56	2,276.16	-4,239.72	4,367.21	4,358.18	9.03	483.620		
2,300.00	2,214.34	2,081.20	2,081.12	11.86	1.13	-8.64	2,277.42	-4,240.57	4,328.57	4,319.10	9.47	457.050		
2,400.00	2,305.85	2,169.76	2,169.67	12.66	1.16	-8.70	2,278.59	-4,241.30	4,289.89	4,279.97	9.91	432.730		
2,500.00	2,397.37	2,258.39	2,258.29	13.46	1.19	-8.77	2,279.78	-4,242.14	4,251.32	4,240.96	10.36	410.389		
2,600.00	2,488.89	2,352.66	2,352.54	14.26	1.23	-8.85	2,281.11	-4,243.02	4,212.78	4,201.97	10.81	389.837		
2,700.00	2,580.41	2,448.72	2,448.60	15.07	1.27	-8.92	2,282.45	-4,243.81	4,174.15	4,162.89	11.25	370.894		
2,800.00	2,671.93	2,542.04	2,541.90	15.88	1.30	-8.99	2,283.96	-4,244.42	4,135.47	4,123.77	11.70	353.366		
2,900.00	2,763.45	2,634.55	2,634.40	16.69	1.33	-9.07	2,285.37	-4,245.06	4,096.79	4,084.64	12.15	337.085		
3,000.00	2,854.97	2,728.35	2,728.19	17.51	1.37	-9.15	2,286.67	-4,245.74	4,058.09	4,045.48	12.61	321.934		
3,100.00	2,946.49	2,820.12	2,819.94	18.32	1.40	-9.22	2,288.06	-4,246.29	4,019.35	4,006.29	13.06	307.797		
3,200.00	3,038.00	2,902.82	2,902.63	19.14	1.43	-9.29	2,289.39	-4,246.91	3,980.76	3,967.25	13.52	294.506		
3,300.00	3,129.52	3,022.98	3,022.77	19.96	1.47	-9.39	2,291.25	-4,247.42	3,941.89	3,927.94	13.96	282.469		
3,400.00	3,221.04	3,121.31	3,121.10	20.77	1.51	-9.47	2,292.77	-4,247.44	3,902.71	3,888.31	14.40	271.002		
3,500.00	3,312.56	3,219.82	3,219.58	21.59	1.54	-9.55	2,294.48	-4,247.10	3,863.29	3,848.45	14.84	260.258		
3,600.00	3,404.08	3,297.68	3,297.43	22.42	1.56	-9.61	2,295.93	-4,246.91	3,824.03	3,808.73	15.30	249.886		
3,700.00	3,495.60	3,390.75	3,390.48	23.24	1.59	-9.69	2,297.71	-4,246.84	3,784.94	3,769.18	15.75	240.251		
3,800.00	3,587.12	3,457.49	3,457.21	24.06	1.62	-9.75	2,299.12	-4,246.93	3,746.10	3,729.88	16.23	230.824		
3,900.00	3,678.63	3,526.12	3,525.81	24.88	1.64	-9.80	2,300.85	-4,247.46	3,707.95	3,691.24	16.71	221.936		
4,000.00	3,770.15	3,604.68	3,604.34	25.71	1.67	-9.87	2,302.92	-4,248.43	3,670.24	3,653.06	17.18	213.611		
4,100.00	3,861.67	3,700.95	3,700.57	26.53	1.70	-9.95	2,305.38	-4,249.79	3,632.66	3,615.02	17.64	205.882		
4,200.00	3,953.19	3,778.75	3,778.34	27.35	1.73	-10.03	2,307.25	-4,251.07	3,595.23	3,577.10	18.13	198.353		
4,300.00	4,044.71	3,869.14	3,868.69	28.18	1.76	-10.12	2,309.39	-4,252.88	3,558.06	3,539.46	18.60	191.319		
4,400.00	4,136.23	3,968.25	3,967.75	29.01	1.80	-10.22	2,311.89	-4,254.67	3,520.83	3,501.76	19.06	184.711		
4,500.00	4,227.75	4,080.15	4,079.60	29.83	1.83	-10.33	2,314.57	-4,256.35	3,483.28	3,463.77	19.51	178.531		
4,600.00	4,319.27	4,179.71	4,179.14	30.66	1.87	-10.44	2,316.19	-4,257.70	3,445.31	3,425.34	19.98	172.481		
4,700.00	4,410.78	4,274.49	4,273.90	31.48	1.90	-10.55	2,317.67	-4,258.90	3,407.26	3,386.81	20.45	166.655		
4,800.00	4,502.30	4,380.32	4,379.71	32.31	1.94	-10.68	2,319.37	-4,259.99	3,369.04	3,348.14	20.90	161.194		
4,900.00	4,593.82	4,470.92	4,470.30	33.14	1.97	-10.79	2,320.56	-4,260.78	3,330.58	3,309.21	21.38	155.804		
5,000.00	4,685.34	4,559.83	4,559.20	33.96	2.00	-10.90	2,321.75	-4,261.68	3,292.26	3,270.40	21.86	150.627		
5,100.00	4,776.86	4,653.33	4,652.68	34.79	2.03	-11.02	2,323.17	-4,262.59	3,253.98	3,231.65	22.33	145.717		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,751.45	4,750.79	35.62	2.07	-11.14	2,325.02	-4,263.23	3,215.61	3,192.81	22.80	141.065		
5,300.00	4,959.90	4,841.82	4,841.14	36.45	2.10	-11.25	2,326.74	-4,263.67	3,177.10	3,153.83	23.27	136.520		
5,400.00	5,051.41	4,929.32	4,928.62	37.27	2.13	-11.37	2,328.36	-4,264.36	3,138.83	3,115.07	23.76	132.123		
5,500.00	5,142.93	5,031.81	5,031.09	38.10	2.16	-11.51	2,329.81	-4,265.18	3,100.42	3,076.20	24.22	128.016		
5,600.00	5,234.45	5,130.73	5,130.00	38.93	2.20	-11.65	2,330.97	-4,265.74	3,061.74	3,037.05	24.69	124.019		
5,700.00	5,325.97	5,220.02	5,219.29	39.76	2.22	-11.80	2,331.65	-4,266.36	3,023.02	2,997.84	25.18	120.067		
5,800.00	5,417.49	5,303.97	5,303.24	40.59	2.25	-11.94	2,332.06	-4,267.24	2,984.51	2,958.82	25.68	116.202		
5,900.00	5,509.01	5,398.51	5,397.77	41.42	2.27	-12.11	2,332.32	-4,268.41	2,946.09	2,919.92	26.17	112.566		
6,000.00	5,600.53	5,491.14	5,490.39	42.25	2.29	-12.29	2,332.35	-4,269.60	2,907.65	2,880.98	26.67	109.040		
6,100.00	5,692.04	5,577.77	5,577.01	43.07	2.31	-12.46	2,332.47	-4,270.74	2,869.30	2,842.12	27.17	105.587		
6,200.00	5,783.56	5,662.56	5,661.79	43.90	2.34	-12.62	2,332.90	-4,271.92	2,831.18	2,803.49	27.69	102.242		
6,300.00	5,875.08	5,764.26	5,763.48	44.73	2.37	-12.82	2,333.30	-4,273.49	2,793.17	2,765.00	28.17	99.144		
6,400.00	5,966.60	5,858.03	5,857.24	45.56	2.39	-13.02	2,333.49	-4,274.56	2,754.77	2,726.09	28.67	96.071		
6,500.00	6,058.12	5,941.85	5,941.05	46.39	2.41	-13.20	2,333.72	-4,275.70	2,716.61	2,687.40	29.20	93.025		
6,600.00	6,149.64	6,028.07	6,027.26	47.22	2.44	-13.38	2,334.35	-4,276.98	2,678.75	2,649.02	29.73	90.106		
6,700.00	6,241.16	6,119.47	6,118.65	48.05	2.46	-13.58	2,334.97	-4,278.44	2,640.98	2,610.74	30.25	87.318		
6,800.00	6,332.68	6,206.34	6,205.51	48.88	2.49	-13.78	2,335.25	-4,280.05	2,603.35	2,572.57	30.78	84.582		
6,900.00	6,424.19	6,280.49	6,279.63	49.71	2.51	-13.96	2,335.52	-4,281.80	2,566.20	2,534.84	31.35	81.849		
7,000.00	6,514.88	6,358.24	6,357.34	50.58	2.53	-7.08	2,335.96	-4,284.12	2,527.64	2,495.73	31.92	79.199		
7,100.00	6,599.14	6,440.33	6,439.39	51.67	2.55	2.75	2,336.29	-4,286.99	2,476.94	2,444.54	32.40	76.452		
7,200.00	6,673.85	6,535.36	6,534.37	53.01	2.57	11.21	2,336.87	-4,290.00	2,413.37	2,380.67	32.71	73.786		
7,300.00	6,736.73	6,640.25	6,639.24	54.56	2.59	21.12	2,336.94	-4,291.97	2,338.16	2,305.37	32.79	71.303		
7,400.00	6,785.87	6,717.84	6,716.82	56.29	2.60	35.05	2,336.26	-4,292.52	2,254.09	2,221.35	32.75	68.829		
7,500.00	6,819.79	6,748.68	6,747.66	58.13	2.60	54.36	2,335.81	-4,292.70	2,164.73	2,132.04	32.69	66.219		
7,600.00	6,837.44	6,767.94	6,766.91	60.02	2.59	78.15	2,335.48	-4,292.80	2,073.24	2,040.71	32.53	63.740		
7,700.00	6,840.00	6,771.23	6,770.21	61.90	2.59	90.41	2,335.42	-4,292.82	1,982.54	1,950.17	32.36	61.256		
7,800.00	6,840.00	6,771.81	6,770.79	63.83	2.59	90.45	2,335.41	-4,292.82	1,893.00	1,860.64	32.36	58.506		
7,900.00	6,840.00	6,772.40	6,771.37	65.81	2.59	90.49	2,335.40	-4,292.82	1,804.55	1,771.99	32.57	55.409		
8,000.00	6,840.00	6,772.98	6,771.96	67.84	2.59	90.53	2,335.39	-4,292.83	1,717.38	1,684.31	33.07	51.938		
8,100.00	6,840.00	6,773.57	6,772.54	69.91	2.59	90.57	2,335.38	-4,292.83	1,631.68	1,597.75	33.92	48.101		
8,200.00	6,840.00	6,774.16	6,773.13	72.03	2.59	90.61	2,335.37	-4,292.83	1,547.69	1,512.47	35.21	43.950		
8,300.00	6,840.00	6,774.75	6,773.72	74.18	2.59	90.65	2,335.36	-4,292.84	1,465.71	1,428.69	37.02	39.590		
8,400.00	6,840.00	6,775.34	6,774.31	76.37	2.59	90.68	2,335.34	-4,292.84	1,386.10	1,346.68	39.42	35.161		
8,500.00	6,840.00	6,775.93	6,774.90	78.59	2.59	90.72	2,335.33	-4,292.84	1,309.30	1,266.82	42.48	30.823		
8,600.00	6,840.00	6,776.53	6,775.50	80.85	2.59	90.76	2,335.32	-4,292.85	1,235.81	1,189.56	46.25	26.723		
8,700.00	6,840.00	6,777.12	6,776.10	83.13	2.59	90.80	2,335.31	-4,292.85	1,166.28	1,115.52	50.76	22.978		
8,800.00	6,840.00	6,777.72	6,776.69	85.44	2.59	90.84	2,335.30	-4,292.85	1,101.44	1,045.43	56.01	19.664		
8,900.00	6,840.00	6,778.32	6,777.29	87.77	2.59	90.88	2,335.29	-4,292.86	1,042.18	980.20	61.98	16.815		
9,000.00	6,840.00	6,778.92	6,777.90	90.12	2.59	90.92	2,335.28	-4,292.86	989.50	920.94	68.56	14.434		
9,100.00	6,840.00	6,779.53	6,778.50	92.50	2.59	90.96	2,335.26	-4,292.86	944.50	868.93	75.57	12.498		
9,200.00	6,840.00	6,780.14	6,779.11	94.89	2.59	91.00	2,335.25	-4,292.87	908.32	825.56	82.76	10.975		
9,300.00	6,840.00	6,780.74	6,779.72	97.30	2.59	91.04	2,335.24	-4,292.87	882.05	792.27	89.78	9.824		
9,400.00	6,840.00	6,781.35	6,780.33	99.73	2.59	91.08	2,335.23	-4,292.87	866.59	770.35	96.24	9.004		
9,485.18	6,840.00	6,781.87	6,780.85	101.81	2.59	91.12	2,335.22	-4,292.88	862.39	761.37	101.02	8.537 CC		
9,500.00	6,840.00	6,781.97	6,780.94	102.17	2.59	91.13	2,335.22	-4,292.88	862.52	760.75	101.77	8.475 ES		
9,600.00	6,840.00	6,782.58	6,781.55	104.63	2.59	91.17	2,335.20	-4,292.88	870.00	763.90	106.10	8.200		
9,700.00	6,840.00	6,783.20	6,782.17	107.10	2.59	91.21	2,335.19	-4,292.88	888.74	779.64	109.11	8.146 SF		
9,800.00	6,840.00	6,783.81	6,782.78	109.58	2.59	91.25	2,335.18	-4,292.89	918.06	807.23	110.83	8.283		
9,900.00	6,840.00	6,784.43	6,783.40	112.07	2.59	91.29	2,335.17	-4,292.89	956.97	845.54	111.43	8.588		
10,000.00	6,840.00	6,785.05	6,784.02	114.58	2.59	91.33	2,335.16	-4,292.89	1,004.37	893.23	111.14	9.037		
10,100.00	6,840.00	6,785.68	6,784.65	117.09	2.59	91.37	2,335.14	-4,292.90	1,059.11	948.92	110.19	9.612		
10,200.00	6,840.00	6,786.30	6,785.27	119.61	2.59	91.41	2,335.13	-4,292.90	1,120.12	1,011.34	108.79	10.297		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,786.93	6,785.90	122.14	2.59	91.46	2,335.12	-4,292.90	1,186.44	1,079.33	107.11	11.077		
10,400.00	6,840.00	6,787.56	6,786.53	124.68	2.59	91.50	2,335.11	-4,292.91	1,257.22	1,151.93	105.28	11.941		
10,500.00	6,840.00	6,788.19	6,787.16	127.23	2.59	91.54	2,335.09	-4,292.91	1,331.75	1,228.35	103.40	12.879		
10,600.00	6,840.00	6,788.82	6,787.79	129.78	2.59	91.58	2,335.08	-4,292.92	1,409.44	1,307.91	101.53	13.882		
10,700.00	6,840.00	6,789.46	6,788.43	132.35	2.59	91.62	2,335.07	-4,292.92	1,489.79	1,390.09	99.70	14.943		
10,800.00	6,840.00	6,790.10	6,789.07	134.91	2.59	91.67	2,335.05	-4,292.92	1,572.39	1,474.45	97.94	16.054		
10,900.00	6,840.00	6,790.74	6,789.71	137.49	2.59	91.71	2,335.04	-4,292.93	1,656.92	1,560.64	96.27	17.210		
11,000.00	6,840.00	6,791.38	6,790.35	140.07	2.59	91.75	2,335.03	-4,292.93	1,743.08	1,648.38	94.70	18.407		
11,100.00	6,840.00	6,792.02	6,790.99	142.65	2.59	91.79	2,335.02	-4,292.93	1,830.65	1,737.44	93.21	19.640		
11,200.00	6,840.00	6,792.67	6,791.64	145.24	2.59	91.84	2,335.00	-4,292.94	1,919.44	1,827.62	91.82	20.905		
11,300.00	6,840.00	6,793.31	6,792.28	147.83	2.59	91.88	2,334.99	-4,292.94	2,009.28	1,918.76	90.51	22.199		
11,400.00	6,840.00	6,793.96	6,792.93	150.43	2.59	91.92	2,334.98	-4,292.95	2,100.03	2,010.74	89.29	23.519		
11,500.00	6,840.00	6,794.62	6,793.58	153.04	2.59	91.97	2,334.96	-4,292.95	2,191.60	2,103.45	88.15	24.863		
11,600.00	6,840.00	6,795.27	6,794.24	155.64	2.59	92.01	2,334.95	-4,292.95	2,283.87	2,196.79	87.08	26.228		
11,700.00	6,840.00	6,795.93	6,794.89	158.26	2.59	92.05	2,334.93	-4,292.96	2,376.76	2,290.68	86.08	27.612		
11,800.00	6,840.00	6,796.58	6,795.55	160.87	2.59	92.10	2,334.92	-4,292.96	2,470.21	2,385.07	85.14	29.013		
11,900.00	6,840.00	6,797.24	6,796.21	163.49	2.59	92.14	2,334.91	-4,292.96	2,564.15	2,479.89	84.26	30.431		
12,000.00	6,840.00	6,797.91	6,796.87	166.11	2.59	92.18	2,334.89	-4,292.97	2,658.54	2,575.10	83.44	31.862		
12,100.00	6,840.00	6,798.57	6,797.54	168.74	2.59	92.23	2,334.88	-4,292.97	2,753.32	2,670.66	82.67	33.307		
12,200.00	6,840.00	6,799.24	6,798.20	171.37	2.59	92.27	2,334.86	-4,292.98	2,848.46	2,766.52	81.94	34.763		
12,300.00	6,840.00	6,799.91	6,798.87	174.00	2.59	92.32	2,334.85	-4,292.98	2,943.92	2,862.67	81.25	36.231		
12,400.00	6,840.00	6,800.58	6,799.54	176.63	2.59	92.36	2,334.84	-4,292.98	3,039.67	2,959.06	80.61	37.708		
12,500.00	6,840.00	6,801.25	6,800.22	179.27	2.59	92.41	2,334.82	-4,292.99	3,135.69	3,055.69	80.00	39.194		
12,600.00	6,840.00	6,801.92	6,800.89	181.91	2.59	92.45	2,334.81	-4,292.99	3,231.95	3,152.52	79.43	40.689		
12,700.00	6,840.00	6,802.60	6,801.57	184.55	2.59	92.50	2,334.79	-4,293.00	3,328.43	3,249.54	78.89	42.191		
12,800.00	6,840.00	6,803.28	6,802.25	187.19	2.59	92.54	2,334.78	-4,293.00	3,425.11	3,346.73	78.38	43.699		
12,900.00	6,840.00	6,803.96	6,802.93	189.84	2.59	92.59	2,334.76	-4,293.00	3,521.98	3,444.08	77.90	45.214		
13,000.00	6,840.00	6,804.65	6,803.61	192.48	2.59	92.63	2,334.75	-4,293.01	3,619.01	3,541.58	77.44	46.735		
13,100.00	6,840.00	6,805.33	6,804.30	195.13	2.59	92.68	2,334.73	-4,293.01	3,716.21	3,639.20	77.00	48.260		
13,200.00	6,840.00	6,806.02	6,804.99	197.79	2.59	92.72	2,334.72	-4,293.02	3,813.55	3,736.95	76.59	49.791		
13,300.00	6,840.00	6,806.71	6,805.68	200.44	2.59	92.77	2,334.70	-4,293.02	3,911.02	3,834.82	76.20	51.325		
13,400.00	6,840.00	6,807.41	6,806.37	203.10	2.59	92.82	2,334.69	-4,293.03	4,008.62	3,932.79	75.83	52.863		
13,500.00	6,840.00	6,808.10	6,807.07	205.75	2.59	92.86	2,334.67	-4,293.03	4,106.33	4,030.85	75.48	54.405		
13,600.00	6,840.00	6,808.80	6,807.77	208.41	2.59	92.91	2,334.66	-4,293.03	4,204.15	4,129.01	75.14	55.949		
13,700.00	6,840.00	6,809.50	6,808.47	211.07	2.59	92.95	2,334.64	-4,293.04	4,302.07	4,227.25	74.82	57.497		
13,800.00	6,840.00	6,810.20	6,809.17	213.74	2.59	93.00	2,334.63	-4,293.04	4,400.08	4,325.57	74.52	59.047		
13,900.00	6,840.00	6,810.91	6,809.87	216.40	2.59	93.05	2,334.61	-4,293.05	4,498.19	4,423.96	74.23	60.599		
14,000.00	6,840.00	6,811.61	6,810.58	219.06	2.59	93.09	2,334.59	-4,293.05	4,596.37	4,522.42	73.95	62.153		
14,100.00	6,840.00	6,812.32	6,811.29	221.73	2.59	93.14	2,334.58	-4,293.06	4,694.63	4,620.94	73.69	63.708		
14,200.00	6,840.00	6,813.04	6,812.00	224.40	2.59	93.19	2,334.56	-4,293.06	4,792.96	4,719.52	73.44	65.265		
14,300.00	6,840.00	6,813.75	6,812.71	227.07	2.59	93.24	2,334.55	-4,293.06	4,891.36	4,818.16	73.20	66.823		
14,400.00	6,840.00	6,814.47	6,813.43	229.74	2.59	93.28	2,334.53	-4,293.07	4,989.82	4,916.85	72.97	68.382		
14,500.00	6,840.00	6,815.19	6,814.15	232.41	2.59	93.33	2,334.51	-4,293.07	5,088.34	5,015.59	72.75	69.942		
14,600.00	6,840.00	6,815.91	6,814.87	235.08	2.59	93.38	2,334.50	-4,293.08	5,186.92	5,114.38	72.54	71.502		
14,700.00	6,840.00	6,816.63	6,815.59	237.75	2.59	93.43	2,334.48	-4,293.08	5,285.56	5,213.21	72.34	73.063		
14,800.00	6,840.00	6,817.36	6,816.32	240.43	2.59	93.48	2,334.46	-4,293.09	5,384.24	5,312.09	72.15	74.624		
14,900.00	6,840.00	6,818.09	6,817.05	243.10	2.59	93.52	2,334.45	-4,293.09	5,482.97	5,411.00	71.97	76.186		
15,000.00	6,840.00	6,818.82	6,817.78	245.78	2.59	93.57	2,334.43	-4,293.10	5,581.74	5,509.95	71.79	77.747		
15,100.00	6,840.00	6,819.55	6,818.51	248.46	2.59	93.62	2,334.41	-4,293.10	5,680.56	5,608.94	71.63	79.308		
15,200.00	6,840.00	6,820.29	6,819.25	251.14	2.59	93.67	2,334.39	-4,293.10	5,779.42	5,707.95	71.47	80.869		
15,300.00	6,840.00	6,821.03	6,820.00	253.82	2.59	93.72	2,334.37	-4,293.11	5,878.33	5,807.03	71.30	82.446		
15,400.00	6,840.00	6,821.77	6,820.74	256.50	2.59	93.77	2,334.35	-4,293.11	5,977.26	5,906.11	71.15	84.006		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - SI VERT RUPERT G 25-4 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	6,840.00	6,813.86	6,812.83	259.18	2.59	93.24	2,334.55	-4,293.06	6,076.23	6,005.22	71.01	85.567	
15,600.00	6,840.00	6,814.23	6,813.19	261.86	2.59	93.27	2,334.54	-4,293.06	6,175.24	6,104.36	70.88	87.126	
15,700.00	6,840.00	6,814.59	6,813.55	264.54	2.59	93.29	2,334.53	-4,293.06	6,274.27	6,203.52	70.75	88.685	
15,800.00	6,840.00	6,814.94	6,813.91	267.23	2.59	93.32	2,334.52	-4,293.06	6,373.34	6,302.71	70.62	90.243	
15,900.00	6,840.00	6,815.30	6,814.26	269.91	2.59	93.34	2,334.51	-4,293.06	6,472.43	6,401.92	70.51	91.799	
16,000.00	6,840.00	6,815.65	6,814.61	272.59	2.59	93.36	2,334.51	-4,293.07	6,571.55	6,501.16	70.39	93.355	
16,100.00	6,840.00	6,815.99	6,814.96	275.28	2.59	93.38	2,334.50	-4,293.07	6,670.70	6,600.41	70.28	94.909	
16,200.00	6,840.00	6,816.33	6,815.30	277.97	2.59	93.41	2,334.49	-4,293.07	6,769.87	6,699.69	70.18	96.462	
16,300.00	6,840.00	6,816.67	6,815.64	280.65	2.59	93.43	2,334.48	-4,293.07	6,869.06	6,798.98	70.08	98.014	
16,400.00	6,840.00	6,817.01	6,815.97	283.34	2.59	93.45	2,334.47	-4,293.07	6,968.28	6,898.30	69.99	99.564	
16,500.00	6,840.00	6,817.34	6,816.31	286.03	2.59	93.47	2,334.47	-4,293.07	7,067.52	6,997.63	69.90	101.113	
16,600.00	6,840.00	6,817.67	6,816.63	288.72	2.59	93.50	2,334.46	-4,293.08	7,166.79	7,096.98	69.81	102.660	
16,700.00	6,840.00	6,818.00	6,816.96	291.41	2.59	93.52	2,334.45	-4,293.08	7,266.07	7,196.34	69.73	104.206	
16,800.00	6,840.00	6,818.32	6,817.28	294.10	2.59	93.54	2,334.44	-4,293.08	7,365.37	7,295.72	69.65	105.750	
16,900.00	6,840.00	6,818.64	6,817.60	296.79	2.59	93.56	2,334.44	-4,293.08	7,464.69	7,395.12	69.57	107.292	
17,000.00	6,840.00	6,818.96	6,817.92	299.48	2.59	93.58	2,334.43	-4,293.08	7,564.03	7,494.53	69.50	108.832	
17,100.00	6,840.00	6,819.27	6,818.24	302.17	2.59	93.60	2,334.42	-4,293.08	7,663.38	7,593.95	69.43	110.370	
17,200.00	6,840.00	6,819.58	6,818.55	304.86	2.59	93.62	2,334.42	-4,293.08	7,762.76	7,693.39	69.37	111.906	
17,300.00	6,840.00	6,819.89	6,818.86	307.56	2.59	93.64	2,334.41	-4,293.09	7,862.14	7,792.84	69.31	113.440	
17,400.00	6,840.00	6,820.20	6,819.16	310.25	2.59	93.66	2,334.40	-4,293.09	7,961.55	7,892.30	69.25	114.972	
17,500.00	6,840.00	6,820.50	6,819.46	312.94	2.59	93.68	2,334.40	-4,293.09	8,060.96	7,991.77	69.19	116.502	
17,600.00	6,840.00	6,820.80	6,819.76	315.64	2.59	93.70	2,334.39	-4,293.09	8,160.40	8,091.26	69.14	118.030	
17,700.00	6,840.00	6,821.10	6,820.06	318.33	2.59	93.72	2,334.38	-4,293.09	8,259.84	8,190.75	69.09	119.556	
17,800.00	6,840.00	6,821.39	6,820.36	321.03	2.59	93.74	2,334.37	-4,293.09	8,359.30	8,290.26	69.04	121.079	
17,900.00	6,840.00	6,821.69	6,820.65	323.72	2.59	93.76	2,334.37	-4,293.09	8,458.77	8,389.78	68.99	122.600	
18,000.00	6,840.00	6,821.98	6,820.94	326.42	2.59	93.78	2,334.36	-4,293.10	8,558.26	8,489.30	68.95	124.119	
18,100.00	6,840.00	6,822.26	6,821.22	329.11	2.59	93.80	2,334.35	-4,293.10	8,657.75	8,588.84	68.91	125.635	
18,200.00	6,840.00	6,822.55	6,821.51	331.81	2.59	93.82	2,334.35	-4,293.10	8,757.26	8,688.39	68.87	127.149	
18,300.00	6,840.00	6,822.83	6,821.79	334.51	2.59	93.84	2,334.34	-4,293.10	8,856.78	8,787.94	68.84	128.660	
18,400.00	6,840.00	6,823.11	6,822.07	337.20	2.59	93.86	2,334.34	-4,293.10	8,956.31	8,887.50	68.81	130.169	
18,500.00	6,840.00	6,823.39	6,822.35	339.90	2.59	93.88	2,334.33	-4,293.10	9,055.85	8,987.07	68.77	131.675	
18,600.00	6,840.00	6,823.66	6,822.62	342.60	2.59	93.89	2,334.32	-4,293.10	9,155.40	9,086.65	68.75	133.179	
18,700.00	6,840.00	6,823.93	6,822.89	345.30	2.59	93.91	2,334.32	-4,293.10	9,254.96	9,186.24	68.72	134.680	
18,800.00	6,840.00	6,824.20	6,823.16	348.00	2.59	93.93	2,334.31	-4,293.11	9,354.52	9,285.83	68.69	136.178	
18,900.00	6,840.00	6,824.47	6,823.43	350.70	2.59	93.95	2,334.30	-4,293.11	9,454.10	9,385.43	68.67	137.674	
19,000.00	6,840.00	6,824.73	6,823.70	353.39	2.59	93.96	2,334.30	-4,293.11	9,553.69	9,485.04	68.65	139.167	
19,100.00	6,840.00	6,825.00	6,823.96	356.09	2.59	93.98	2,334.29	-4,293.11	9,653.28	9,584.65	68.63	140.657	
19,200.00	6,840.00	6,825.26	6,824.22	358.79	2.59	94.00	2,334.29	-4,293.11	9,752.89	9,684.27	68.61	142.144	
19,300.00	6,840.00	6,825.52	6,824.48	361.49	2.59	94.02	2,334.28	-4,293.11	9,852.50	9,783.90	68.60	143.628	
19,400.00	6,840.00	6,825.77	6,824.73	364.20	2.59	94.03	2,334.27	-4,293.11	9,952.12	9,883.53	68.58	145.110	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-65.72	1,558.00	-3,453.59	3,789.48					
100.00	100.00	25.76	25.76	0.13	0.05	-65.72	1,558.00	-3,453.59	3,788.76	3,788.58	0.18	N/A		
200.00	200.00	124.82	124.82	0.49	0.22	-65.72	1,557.96	-3,453.63	3,788.77	3,788.06	0.71	5,327.797		
300.00	300.00	223.88	223.88	0.85	0.39	-65.72	1,557.88	-3,453.71	3,788.82	3,787.57	1.24	3,048.598		
400.00	400.00	322.94	322.94	1.21	0.56	-65.72	1,557.76	-3,453.84	3,788.89	3,787.11	1.77	2,135.210		
500.00	500.00	422.00	422.00	1.57	0.74	-65.73	1,557.59	-3,454.02	3,788.98	3,786.67	2.31	1,642.988		
600.00	599.98	521.04	521.04	1.92	0.91	-11.13	1,557.38	-3,454.25	3,787.38	3,784.55	2.83	1,336.068		
700.00	699.84	619.97	619.97	2.28	1.08	-11.17	1,557.12	-3,454.52	3,782.39	3,779.03	3.36	1,124.413		
800.00	799.45	718.65	718.65	2.65	1.26	-11.24	1,556.82	-3,454.83	3,774.01	3,770.11	3.90	968.850		
900.00	898.70	816.99	816.98	3.02	1.43	-11.33	1,556.47	-3,455.20	3,762.25	3,757.82	4.43	849.536		
1,000.00	997.47	901.04	901.03	3.42	1.78	-11.43	1,556.29	-3,455.71	3,747.35	3,742.21	5.14	728.899		
1,100.00	1,095.62	987.75	987.74	3.84	2.09	-11.56	1,556.24	-3,456.44	3,729.38	3,723.57	5.82	641.231		
1,200.00	1,193.06	1,073.95	1,073.94	4.30	2.39	-11.71	1,556.33	-3,457.41	3,708.37	3,701.87	6.49	571.133		
1,300.00	1,289.64	1,159.57	1,159.54	4.79	2.70	-11.89	1,556.56	-3,458.59	3,684.33	3,677.15	7.17	513.663		
1,400.00	1,385.27	1,244.52	1,244.48	5.33	3.00	-12.10	1,556.93	-3,459.98	3,657.29	3,649.43	7.86	465.575		
1,500.00	1,479.82	1,328.72	1,328.67	5.92	3.30	-12.33	1,557.43	-3,461.57	3,627.28	3,618.74	8.54	424.652		
1,600.00	1,573.17	1,409.99	1,409.91	6.56	3.59	-12.59	1,558.05	-3,463.35	3,594.36	3,585.13	9.23	389.630		
1,700.00	1,665.22	1,490.67	1,490.56	7.26	3.88	-12.86	1,558.78	-3,465.37	3,558.60	3,548.69	9.92	358.807		
1,800.00	1,756.74	1,571.13	1,570.99	7.99	4.16	-12.98	1,559.63	-3,467.64	3,521.95	3,511.34	10.60	332.128		
1,900.00	1,848.26	1,651.81	1,651.63	8.75	4.45	-13.12	1,560.60	-3,470.16	3,485.63	3,474.33	11.30	308.476		
2,000.00	1,939.78	1,732.71	1,732.47	9.51	4.74	-13.25	1,561.69	-3,472.94	3,449.66	3,437.65	12.00	287.401		
2,100.00	2,031.30	1,813.83	1,813.52	10.29	5.03	-13.38	1,562.91	-3,475.98	3,414.03	3,401.31	12.71	268.534		
2,200.00	2,122.82	1,909.03	1,908.63	11.07	5.37	-13.55	1,564.49	-3,479.72	3,378.64	3,365.16	13.48	250.728		
2,300.00	2,214.34	2,014.66	2,014.18	11.86	5.75	-13.72	1,566.40	-3,483.46	3,342.98	3,328.71	14.27	234.191		
2,400.00	2,305.85	2,120.04	2,119.50	12.66	6.12	-13.90	1,568.48	-3,486.69	3,307.00	3,291.92	15.08	219.359		
2,500.00	2,397.37	2,225.19	2,224.58	13.46	6.50	-14.07	1,570.73	-3,489.41	3,270.69	3,254.81	15.85	205.992		
2,600.00	2,488.89	2,330.08	2,329.42	14.26	6.87	-14.24	1,573.14	-3,491.64	3,234.05	3,217.37	16.68	193.885		
2,700.00	2,580.41	2,434.72	2,434.02	15.07	7.25	-14.41	1,575.70	-3,493.36	3,197.08	3,179.60	17.48	182.867		
2,800.00	2,671.93	2,513.89	2,513.15	15.88	7.53	-14.54	1,577.67	-3,494.91	3,160.37	3,142.15	18.22	173.490		
2,900.00	2,763.45	2,602.33	2,601.54	16.69	7.84	-14.69	1,579.92	-3,496.62	3,123.72	3,104.74	18.98	164.586		
3,000.00	2,854.97	2,690.85	2,690.02	17.51	8.16	-14.84	1,582.21	-3,498.45	3,087.22	3,067.48	19.75	156.349		
3,100.00	2,946.49	2,779.48	2,778.59	18.32	8.48	-14.99	1,584.56	-3,500.40	3,050.87	3,030.35	20.52	148.711		
3,200.00	3,038.00	2,868.19	2,867.25	19.14	8.79	-15.15	1,586.95	-3,502.46	3,014.67	2,993.38	21.29	141.610		
3,300.00	3,129.52	2,961.98	2,960.98	19.96	9.13	-15.32	1,589.50	-3,504.71	2,978.56	2,956.49	22.08	134.904		
3,400.00	3,221.04	3,059.07	3,058.01	20.77	9.48	-15.51	1,592.09	-3,506.94	2,942.38	2,919.49	22.88	128.593		
3,500.00	3,312.56	3,156.06	3,154.93	21.59	9.82	-15.69	1,594.63	-3,509.04	2,906.08	2,882.39	23.69	122.694		
3,600.00	3,404.08	3,252.93	3,251.75	22.42	10.17	-15.88	1,597.11	-3,511.00	2,869.67	2,845.18	24.49	117.170		
3,700.00	3,495.60	3,349.69	3,348.47	23.24	10.52	-16.08	1,599.54	-3,512.84	2,833.16	2,807.86	25.30	111.985		
3,800.00	3,587.12	3,446.34	3,445.07	24.06	10.87	-16.28	1,601.90	-3,514.54	2,796.54	2,770.43	26.11	107.108		
3,900.00	3,678.63	3,541.40	3,540.09	24.88	11.21	-16.49	1,604.05	-3,516.17	2,759.85	2,732.93	26.92	102.522		
4,000.00	3,770.15	3,636.44	3,635.10	25.71	11.55	-16.71	1,605.91	-3,517.81	2,723.10	2,695.37	27.73	98.190		
4,100.00	3,861.67	3,731.35	3,729.99	26.53	11.89	-16.94	1,607.50	-3,519.45	2,686.31	2,657.76	28.55	94.092		
4,200.00	3,953.19	3,826.14	3,824.75	27.35	12.23	-17.19	1,608.80	-3,521.10	2,649.46	2,620.09	29.37	90.210		
4,300.00	4,044.71	3,920.80	3,919.39	28.18	12.57	-17.44	1,609.83	-3,522.76	2,612.58	2,582.39	30.19	86.527		
4,400.00	4,136.23	4,015.33	4,013.90	29.01	12.91	-17.71	1,610.58	-3,524.42	2,575.66	2,544.64	31.02	83.027		
4,500.00	4,227.75	4,105.70	4,104.25	29.83	13.23	-17.98	1,611.23	-3,526.06	2,538.82	2,506.97	31.85	79.717		
4,600.00	4,319.27	4,197.30	4,195.84	30.66	13.56	-18.26	1,611.81	-3,527.76	2,502.04	2,469.36	32.68	76.561		
4,700.00	4,410.78	4,288.90	4,287.42	31.48	13.89	-18.55	1,612.32	-3,529.51	2,465.34	2,431.82	33.52	73.553		
4,800.00	4,502.30	4,380.49	4,379.00	32.31	14.22	-18.85	1,612.77	-3,531.31	2,428.73	2,394.37	34.36	70.682		
4,900.00	4,593.82	4,472.09	4,470.58	33.14	14.55	-19.16	1,613.14	-3,533.15	2,392.20	2,356.99	35.21	67.941		
5,000.00	4,685.34	4,566.38	4,564.85	33.96	14.88	-19.50	1,613.43	-3,535.08	2,355.74	2,319.67	36.07	65.313		
5,100.00	4,776.86	4,663.21	4,661.65	34.79	15.23	-19.86	1,613.40	-3,536.99	2,319.19	2,282.25	36.94	62.790		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,759.78	4,758.21	35.62	15.57	-20.24	1,613.02	-3,538.80	2,282.54	2,244.73	37.81	60.368		
5,300.00	4,959.90	4,855.37	4,853.78	36.45	15.91	-20.63	1,612.37	-3,540.49	2,245.80	2,207.11	38.69	58.047		
5,400.00	5,051.41	4,950.55	4,948.94	37.27	16.25	-21.04	1,611.61	-3,542.05	2,209.01	2,169.44	39.57	55.819		
5,500.00	5,142.93	5,045.59	5,043.97	38.10	16.58	-21.47	1,610.76	-3,543.50	2,172.18	2,131.72	40.47	53.678		
5,600.00	5,234.45	5,139.51	5,137.88	38.93	16.91	-21.90	1,609.92	-3,544.80	2,135.35	2,093.98	41.37	51.620		
5,700.00	5,325.97	5,220.73	5,219.08	39.76	17.20	-22.28	1,609.38	-3,546.00	2,098.75	2,056.48	42.27	49.656		
5,800.00	5,417.49	5,296.99	5,295.33	40.59	17.47	-22.64	1,609.29	-3,547.53	2,062.87	2,019.70	43.17	47.785		
5,900.00	5,509.01	5,385.03	5,383.34	41.42	17.79	-23.07	1,609.42	-3,549.81	2,027.66	1,983.56	44.10	45.982		
6,000.00	5,600.53	5,473.36	5,471.97	42.25	18.93	-25.48	1,585.82	-3,544.51	1,988.43	1,943.37	45.06	44.130		
6,100.00	5,692.04	5,565.72	5,564.29	43.07	19.12	-26.22	1,572.54	-3,542.02	1,943.28	1,897.15	46.13	42.130		
6,200.00	5,783.56	5,655.31	5,653.80	43.90	19.35	-27.18	1,555.47	-3,540.10	1,899.56	1,852.32	47.25	40.206		
6,300.00	5,875.08	5,748.35	5,746.82	44.73	19.65	-28.50	1,532.09	-3,537.69	1,856.44	1,808.01	48.43	38.329		
6,400.00	5,966.60	5,840.59	5,839.09	45.56	19.91	-29.60	1,513.51	-3,535.53	1,813.96	1,764.31	49.65	36.533		
6,500.00	6,058.12	5,933.57	5,932.04	46.39	20.15	-30.66	1,496.43	-3,533.97	1,772.84	1,721.94	50.91	34.826		
6,600.00	6,149.64	6,025.14	6,023.58	47.22	20.43	-31.90	1,476.74	-3,532.44	1,732.81	1,680.58	52.23	33.178		
6,700.00	6,241.16	6,116.98	6,115.34	48.05	20.71	-33.17	1,457.37	-3,531.42	1,694.23	1,640.63	53.60	31.611		
6,800.00	6,332.68	6,208.03	6,206.35	48.88	21.10	-34.89	1,433.45	-3,529.04	1,656.17	1,601.12	55.04	30.088		
6,900.00	6,424.19	6,299.33	6,297.62	49.71	21.52	-36.68	1,411.40	-3,524.42	1,617.60	1,561.09	56.50	28.629		
7,000.00	6,515.88	6,390.09	6,388.34	50.58	21.86	-32.09	1,395.22	-3,519.11	1,576.56	1,518.62	57.95	27.208		
7,100.00	6,599.14	6,479.00	6,477.21	51.67	22.14	-26.22	1,384.62	-3,514.70	1,522.66	1,463.32	59.34	25.661		
7,200.00	6,673.85	6,553.66	6,551.81	53.01	22.39	-23.85	1,376.87	-3,510.76	1,455.59	1,394.94	60.64	24.002		
7,300.00	6,736.73	6,616.52	6,614.73	54.56	22.60	-24.00	1,371.21	-3,507.33	1,377.09	1,315.25	61.84	22.269		
7,400.00	6,785.87	6,665.00	6,663.16	56.29	22.75	-26.97	1,367.66	-3,504.83	1,289.41	1,226.51	62.90	20.499		
7,500.00	6,819.79	6,698.06	6,696.17	58.13	22.84	-36.05	1,365.74	-3,503.28	1,195.13	1,131.33	63.80	18.733		
7,600.00	6,837.44	6,715.58	6,713.63	60.02	22.88	-70.44	1,365.01	-3,502.63	1,096.94	1,032.45	64.50	17.008		
7,700.00	6,840.00	6,718.49	6,716.50	61.90	22.87	-115.47	1,365.20	-3,502.81	997.59	932.59	65.00	15.348		
7,800.00	6,840.00	6,721.87	6,719.84	63.83	22.85	-112.98	1,365.56	-3,503.12	898.32	832.76	65.55	13.704		
7,900.00	6,840.00	6,725.19	6,723.12	65.81	22.83	-110.36	1,365.93	-3,503.45	799.19	732.93	66.26	12.062		
8,000.00	6,840.00	6,728.45	6,726.33	67.84	22.81	-107.59	1,366.32	-3,503.77	700.26	633.09	67.17	10.425		
8,100.00	6,840.00	6,731.66	6,729.48	69.91	22.79	-104.70	1,366.73	-3,504.10	601.64	533.24	68.40	8.796		
8,200.00	6,840.00	6,734.81	6,732.57	72.03	22.77	-101.67	1,367.15	-3,504.44	503.48	433.37	70.12	7.180		
8,300.00	6,840.00	6,738.01	6,735.73	74.18	22.75	-98.51	1,367.59	-3,504.78	406.15	333.47	72.69	5.588		
8,400.00	6,840.00	6,741.24	6,738.86	76.37	22.73	-95.25	1,368.05	-3,505.13	310.41	233.58	76.83	4.040		
8,500.00	6,840.00	6,744.48	6,741.97	78.59	22.71	-91.89	1,368.52	-3,505.48	218.36	134.15	84.20	2.593		
8,600.00	6,840.00	6,747.73	6,745.16	80.85	22.69	-88.45	1,369.02	-3,505.83	137.59	40.00	97.59	1.410	Level 3	
8,694.26	6,840.00	6,750.98	6,748.31	83.00	22.66	-85.15	1,369.50	-3,506.18	100.40	-0.56	100.96	0.994	Level 1, CC, ES, SF	
8,700.00	6,840.00	6,754.23	6,751.55	85.28	22.64	-81.45	1,369.93	-3,506.53	100.56	0.95	99.62	1.009	Level 2	
8,800.00	6,840.00	6,757.48	6,754.75	87.61	22.62	-78.03	1,370.36	-3,506.88	145.67	78.79	66.88	2.178		
8,900.00	6,840.00	6,760.73	6,757.94	89.99	22.60	-74.66	1,370.79	-3,507.23	228.59	174.73	53.86	4.244		
9,000.00	6,840.00	6,764.00	6,761.16	92.42	22.58	-71.38	1,371.21	-3,507.58	321.28	269.41	51.87	6.194		
9,100.00	6,840.00	6,767.27	6,764.38	94.89	22.56	-68.20	1,371.67	-3,507.93	417.26	364.96	52.31	7.977		
9,200.00	6,840.00	6,770.54	6,767.55	97.40	22.54	-65.13	1,372.12	-3,508.28	514.71	461.59	53.12	9.689		
9,300.00	6,840.00	6,773.81	6,770.76	99.95	22.52	-62.18	1,372.57	-3,508.63	612.93	559.03	53.90	11.372		
9,400.00	6,840.00	6,777.08	6,773.97	102.54	22.50	-59.37	1,373.02	-3,508.98	711.59	657.03	54.56	13.043		
9,500.00	6,840.00	6,780.35	6,777.18	105.17	22.48	-56.68	1,373.47	-3,509.33	810.54	755.43	55.11	14.708		
9,600.00	6,840.00	6,783.62	6,779.40	107.84	22.46	-54.13	1,373.92	-3,509.68	909.68	854.11	55.57	16.370		
9,700.00	6,840.00	6,786.89	6,782.55	110.54	22.44	-51.71	1,374.37	-3,510.03	1,008.95	952.99	55.96	18.031		
9,800.00	6,840.00	6,790.16	6,785.66	113.28	22.42	-49.42	1,374.82	-3,510.38	1,108.33	1,052.04	56.29	19.690		
9,900.00	6,840.00	6,793.43	6,788.78	116.06	22.40	-47.26	1,375.27	-3,510.73	1,207.78	1,151.20	56.58	21.348		
10,000.00	6,840.00	6,796.70	6,791.90	118.88	22.38	-45.59	1,375.72	-3,511.08	1,307.28	1,250.46	56.82	23.005		
10,100.00	6,840.00	6,800.00	6,795.06	121.73	22.36	-43.54	1,376.17	-3,511.43	1,406.83	1,349.77	57.06	24.655		
10,200.00	6,840.00	6,803.27	6,797.27	124.61	22.34		1,376.62	-3,511.78	1,506.42	1,449.17	57.25	26.313		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,691.43	6,663.50	122.14	22.33	-41.60	1,378.57	-3,511.69	1,606.05	1,548.63	57.42	27.971		
10,400.00	6,840.00	6,685.31	6,657.42	124.68	22.31	-39.76	1,379.22	-3,512.04	1,705.69	1,648.12	57.57	29.627		
10,500.00	6,840.00	6,679.17	6,651.33	127.23	22.28	-38.03	1,379.89	-3,512.39	1,805.36	1,747.65	57.71	31.283		
10,600.00	6,840.00	6,673.01	6,645.22	129.78	22.26	-36.38	1,380.58	-3,512.75	1,905.04	1,847.20	57.84	32.938		
10,700.00	6,840.00	6,666.83	6,639.09	132.35	22.24	-34.83	1,381.28	-3,513.10	2,004.74	1,946.78	57.95	34.592		
10,800.00	6,840.00	6,660.64	6,632.95	134.91	22.22	-33.35	1,382.00	-3,513.46	2,104.44	2,046.38	58.06	36.245		
10,900.00	6,840.00	6,654.43	6,626.80	137.49	22.20	-31.96	1,382.73	-3,513.81	2,204.16	2,146.00	58.16	37.897		
11,000.00	6,840.00	6,648.21	6,620.63	140.07	22.17	-30.64	1,383.48	-3,514.17	2,303.89	2,245.63	58.26	39.548		
11,100.00	6,840.00	6,641.97	6,614.45	142.65	22.15	-29.38	1,384.25	-3,514.53	2,403.62	2,345.28	58.34	41.197		
11,200.00	6,840.00	6,635.72	6,608.25	145.24	22.13	-28.19	1,385.04	-3,514.89	2,503.36	2,444.94	58.43	42.845		
11,300.00	6,840.00	6,629.44	6,602.04	147.83	22.10	-27.06	1,385.84	-3,515.25	2,603.11	2,544.60	58.51	44.492		
11,400.00	6,840.00	6,623.16	6,595.82	150.43	22.08	-25.98	1,386.66	-3,515.62	2,702.86	2,644.28	58.58	46.137		
11,500.00	6,840.00	6,616.85	6,589.58	153.04	22.06	-24.95	1,387.49	-3,515.98	2,802.62	2,743.96	58.66	47.781		
11,600.00	6,840.00	6,610.53	6,583.33	155.64	22.04	-23.98	1,388.34	-3,516.35	2,902.38	2,843.66	58.73	49.423		
11,700.00	6,840.00	6,604.20	6,577.07	158.26	22.01	-23.05	1,389.21	-3,516.72	3,002.14	2,943.35	58.79	51.064		
11,800.00	6,840.00	6,597.84	6,570.79	160.87	21.99	-22.16	1,390.10	-3,517.08	3,101.91	3,043.06	58.86	52.702		
11,900.00	6,840.00	6,591.47	6,564.49	163.49	21.97	-21.31	1,391.01	-3,517.46	3,201.68	3,142.76	58.92	54.339		
12,000.00	6,840.00	6,585.09	6,558.19	166.11	21.94	-20.49	1,391.93	-3,517.83	3,301.46	3,242.47	58.98	55.974		
12,100.00	6,840.00	6,578.69	6,551.87	168.74	21.92	-19.71	1,392.87	-3,518.20	3,401.23	3,342.19	59.04	57.608		
12,200.00	6,840.00	6,572.27	6,545.53	171.37	21.90	-18.97	1,393.82	-3,518.57	3,501.01	3,441.91	59.10	59.239		
12,300.00	6,840.00	6,565.84	6,539.18	174.00	21.87	-18.25	1,394.80	-3,518.95	3,600.79	3,541.63	59.16	60.868		
12,400.00	6,840.00	6,559.39	6,532.82	176.63	21.85	-17.56	1,395.79	-3,519.33	3,700.57	3,641.35	59.21	62.495		
12,500.00	6,840.00	6,552.93	6,526.45	179.27	21.83	-16.90	1,396.81	-3,519.71	3,800.35	3,741.08	59.27	64.119		
12,600.00	6,840.00	6,546.44	6,520.06	181.91	21.80	-16.27	1,397.84	-3,520.09	3,900.13	3,840.81	59.33	65.742		
12,700.00	6,840.00	6,539.95	6,513.66	184.55	21.78	-15.66	1,398.88	-3,520.47	3,999.92	3,940.54	59.38	67.362		
12,800.00	6,840.00	6,533.43	6,507.25	187.19	21.76	-15.07	1,399.95	-3,520.85	4,099.70	4,040.27	59.43	68.979		
12,900.00	6,840.00	6,526.88	6,501.90	189.84	21.74	-14.59	1,400.85	-3,521.17	4,199.49	4,140.00	59.49	70.588		
13,000.00	6,840.00	6,520.30	6,501.90	192.48	21.74	-14.59	1,400.85	-3,521.17	4,299.28	4,239.71	59.58	72.164		
13,100.00	6,840.00	6,519.88	6,493.91	195.13	21.71	-13.91	1,402.22	-3,521.64	4,399.07	4,339.45	59.62	73.784		
13,200.00	6,840.00	6,516.24	6,490.33	197.79	21.69	-13.62	1,402.84	-3,521.85	4,498.87	4,439.19	59.69	75.375		
13,300.00	6,840.00	6,512.67	6,486.82	200.44	21.68	-13.33	1,403.45	-3,522.05	4,598.68	4,538.92	59.75	76.964		
13,400.00	6,840.00	6,509.16	6,483.36	203.10	21.67	-13.06	1,404.06	-3,522.25	4,698.48	4,638.67	59.82	78.549		
13,500.00	6,840.00	6,505.70	6,479.97	205.75	21.66	-12.79	1,404.66	-3,522.44	4,798.29	4,738.41	59.88	80.131		
13,600.00	6,840.00	6,502.31	6,476.63	208.41	21.64	-12.54	1,405.25	-3,522.63	4,898.11	4,838.16	59.94	81.710		
13,700.00	6,840.00	6,498.98	6,473.35	211.07	21.63	-12.29	1,405.84	-3,522.81	4,997.93	4,937.92	60.01	83.286		
13,800.00	6,840.00	6,495.70	6,470.13	213.74	21.62	-12.06	1,406.42	-3,522.99	5,097.75	5,037.68	60.07	84.859		
13,900.00	6,840.00	6,492.47	6,466.96	216.40	21.61	-11.83	1,406.99	-3,523.17	5,197.58	5,137.44	60.14	86.429		
14,000.00	6,840.00	6,489.30	6,463.85	219.06	21.60	-11.61	1,407.56	-3,523.34	5,297.40	5,237.20	60.20	87.995		
14,100.00	6,840.00	6,486.18	6,460.78	221.73	21.58	-11.39	1,408.12	-3,523.50	5,397.24	5,336.97	60.27	89.558		
14,200.00	6,840.00	6,483.11	6,457.77	224.40	21.57	-11.18	1,408.68	-3,523.66	5,497.07	5,436.74	60.33	91.117		
14,300.00	6,840.00	6,480.10	6,454.81	227.07	21.56	-10.98	1,409.23	-3,523.82	5,596.91	5,536.51	60.39	92.673		
14,400.00	6,840.00	6,477.13	6,451.89	229.74	21.55	-10.79	1,409.77	-3,523.97	5,696.75	5,636.29	60.46	94.226		
14,500.00	6,840.00	6,464.00	6,439.01	232.41	21.50	-9.96	1,412.21	-3,524.64	5,796.61	5,736.12	60.48	95.836		
14,600.00	6,840.00	6,464.00	6,439.01	235.08	21.50	-9.96	1,412.21	-3,524.64	5,896.45	5,835.89	60.56	97.365		
14,700.00	6,840.00	6,464.00	6,439.01	237.75	21.50	-9.96	1,412.21	-3,524.64	5,996.29	5,935.66	60.64	98.890		
14,800.00	6,840.00	6,464.00	6,439.01	240.43	21.50	-9.96	1,412.21	-3,524.64	6,096.14	6,035.43	60.71	100.412		
14,900.00	6,840.00	6,464.00	6,439.01	243.10	21.50	-9.96	1,412.21	-3,524.64	6,196.00	6,135.21	60.79	101.931		
15,000.00	6,840.00	6,464.00	6,439.01	245.78	21.50	-9.96	1,412.21	-3,524.64	6,295.85	6,234.99	60.86	103.446		
15,100.00	6,840.00	6,464.00	6,439.01	248.46	21.50	-9.96	1,412.21	-3,524.64	6,395.72	6,334.78	60.94	104.957		
15,200.00	6,840.00	6,464.00	6,439.01	251.14	21.50	-9.96	1,412.21	-3,524.64	6,495.58	6,434.57	61.01	106.465		
15,300.00	6,840.00	6,464.00	6,439.01	253.82	21.50	-9.96	1,412.21	-3,524.64	6,595.46	6,534.37	61.09	107.969		
15,400.00	6,840.00	6,464.00	6,439.01	256.50	21.50	-9.96	1,412.21	-3,524.64	6,695.33	6,634.17	61.16	109.470		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - OWB - FINAL													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 789-MWD OWSG													<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,448.42	6,423.73	259.18	21.44	-9.04	1,415.15	-3,525.39	6,795.17	6,733.99	61.18	111.066		
15,600.00	6,840.00	6,446.11	6,421.47	261.86	21.44	-8.91	1,415.59	-3,525.50	6,895.04	6,833.80	61.25	112.575		
15,700.00	6,840.00	6,443.84	6,419.24	264.54	21.43	-8.79	1,416.02	-3,525.60	6,994.92	6,933.60	61.32	114.080		
15,800.00	6,840.00	6,441.61	6,417.05	267.23	21.42	-8.66	1,416.45	-3,525.71	7,094.79	7,033.41	61.38	115.582		
15,900.00	6,840.00	6,439.41	6,414.89	269.91	21.41	-8.55	1,416.87	-3,525.81	7,194.67	7,133.22	61.45	117.079		
16,000.00	6,840.00	6,437.24	6,412.76	272.59	21.40	-8.43	1,417.29	-3,525.91	7,294.55	7,233.03	61.52	118.573		
16,100.00	6,840.00	6,435.10	6,410.67	275.28	21.40	-8.31	1,417.70	-3,526.00	7,394.43	7,332.84	61.59	120.063		
16,200.00	6,840.00	6,432.99	6,408.60	277.97	21.39	-8.20	1,418.10	-3,526.10	7,494.31	7,432.66	61.66	121.549		
16,300.00	6,840.00	6,430.91	6,406.57	280.65	21.38	-8.10	1,418.50	-3,526.19	7,594.20	7,532.47	61.73	123.031		
16,400.00	6,840.00	6,428.87	6,404.56	283.34	21.37	-7.99	1,418.90	-3,526.28	7,694.08	7,632.29	61.80	124.510		
16,500.00	6,840.00	6,426.85	6,402.58	286.03	21.36	-7.89	1,419.29	-3,526.37	7,793.97	7,732.11	61.86	125.984		
16,600.00	6,840.00	6,424.86	6,400.64	288.72	21.36	-7.79	1,419.67	-3,526.45	7,893.86	7,831.93	61.93	127.455		
16,700.00	6,840.00	6,422.90	6,398.71	291.41	21.35	-7.69	1,420.05	-3,526.54	7,993.75	7,931.75	62.00	128.921		
16,800.00	6,840.00	6,420.97	6,396.82	294.10	21.34	-7.59	1,420.42	-3,526.62	8,093.65	8,031.57	62.08	130.384		
16,900.00	6,840.00	6,419.07	6,394.95	296.79	21.34	-7.50	1,420.79	-3,526.70	8,193.54	8,131.40	62.15	131.842		
17,000.00	6,840.00	6,417.19	6,393.11	299.48	21.33	-7.41	1,421.16	-3,526.78	8,293.44	8,231.22	62.22	133.297		
17,100.00	6,840.00	6,400.00	6,376.27	302.17	21.27	-6.60	1,424.53	-3,527.48	8,393.37	8,331.13	62.24	134.854		
17,200.00	6,840.00	6,400.00	6,376.27	304.86	21.27	-6.60	1,424.53	-3,527.48	8,493.26	8,430.94	62.32	136.288		
17,300.00	6,840.00	6,400.00	6,376.27	307.56	21.27	-6.60	1,424.53	-3,527.48	8,593.15	8,530.76	62.40	137.719		
17,400.00	6,840.00	6,400.00	6,376.27	310.25	21.27	-6.60	1,424.53	-3,527.48	8,693.05	8,630.58	62.47	139.146		
17,500.00	6,840.00	6,400.00	6,376.27	312.94	21.27	-6.60	1,424.53	-3,527.48	8,792.95	8,730.40	62.55	140.568		
17,600.00	6,840.00	6,400.00	6,376.27	315.64	21.27	-6.60	1,424.53	-3,527.48	8,892.85	8,830.22	62.63	141.987		
17,700.00	6,840.00	6,400.00	6,376.27	318.33	21.27	-6.60	1,424.53	-3,527.48	8,992.76	8,930.05	62.71	143.401		
17,800.00	6,840.00	6,400.00	6,376.27	321.03	21.27	-6.60	1,424.53	-3,527.48	9,092.66	9,029.87	62.79	144.811		
17,900.00	6,840.00	6,400.00	6,376.27	323.72	21.27	-6.60	1,424.53	-3,527.48	9,192.57	9,129.70	62.87	146.217		
18,000.00	6,840.00	6,400.00	6,376.27	326.42	21.27	-6.60	1,424.53	-3,527.48	9,292.48	9,229.53	62.95	147.620		
18,100.00	6,840.00	6,400.00	6,376.27	329.11	21.27	-6.60	1,424.53	-3,527.48	9,392.39	9,329.36	63.03	149.018		
18,200.00	6,840.00	6,400.00	6,376.27	331.81	21.27	-6.60	1,424.53	-3,527.48	9,492.31	9,429.20	63.11	150.411		
18,300.00	6,840.00	6,400.00	6,376.27	334.51	21.27	-6.60	1,424.53	-3,527.48	9,592.22	9,529.03	63.19	151.801		
18,400.00	6,840.00	6,400.00	6,376.27	337.20	21.27	-6.60	1,424.53	-3,527.48	9,692.14	9,628.87	63.27	153.187		
18,500.00	6,840.00	6,400.00	6,376.27	339.90	21.27	-6.60	1,424.53	-3,527.48	9,792.06	9,728.71	63.35	154.568		
18,600.00	6,840.00	6,400.00	6,376.27	342.60	21.27	-6.60	1,424.53	-3,527.48	9,891.98	9,828.54	63.43	155.945		
18,700.00	6,840.00	6,400.00	6,376.27	345.30	21.27	-6.60	1,424.53	-3,527.48	9,991.90	9,928.39	63.51	157.318		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG, 1317-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-65.72	1,558.00	-3,453.59	3,789.48					
100.00	100.00	25.76	25.76	0.13	0.05	-65.72	1,558.00	-3,453.59	3,788.76	3,788.58	0.18	N/A		
200.00	200.00	124.82	124.82	0.49	0.22	-65.72	1,557.96	-3,453.63	3,788.77	3,788.06	0.71	5,327.797		
300.00	300.00	223.88	223.88	0.85	0.39	-65.72	1,557.88	-3,453.71	3,788.82	3,787.57	1.24	3,048.598		
400.00	400.00	322.94	322.94	1.21	0.56	-65.72	1,557.76	-3,453.84	3,788.89	3,787.11	1.77	2,135.210		
500.00	500.00	422.00	422.00	1.57	0.74	-65.73	1,557.59	-3,454.02	3,788.98	3,786.67	2.31	1,642.988		
600.00	599.98	521.04	521.04	1.92	0.91	-11.13	1,557.38	-3,454.25	3,787.38	3,784.55	2.83	1,336.068		
700.00	699.84	619.97	619.97	2.28	1.08	-11.17	1,557.12	-3,454.52	3,782.39	3,779.03	3.36	1,124.413		
800.00	799.45	718.65	718.65	2.65	1.26	-11.24	1,556.82	-3,454.83	3,774.01	3,770.11	3.90	968.850		
900.00	898.70	816.99	816.98	3.02	1.43	-11.33	1,556.47	-3,455.20	3,762.25	3,757.82	4.43	849.536		
1,000.00	997.47	901.04	901.03	3.42	1.62	-11.43	1,556.29	-3,455.71	3,747.35	3,742.37	4.98	751.939		
1,100.00	1,095.62	987.75	987.74	3.84	1.81	-11.56	1,556.24	-3,456.44	3,729.38	3,723.85	5.54	673.596		
1,200.00	1,193.06	1,073.95	1,073.94	4.30	1.99	-11.71	1,556.33	-3,457.41	3,708.37	3,702.28	6.09	608.692		
1,300.00	1,289.64	1,159.57	1,159.54	4.79	2.18	-11.89	1,556.56	-3,458.59	3,684.33	3,677.68	6.65	553.897		
1,400.00	1,385.27	1,244.52	1,244.48	5.33	2.36	-12.10	1,556.93	-3,459.98	3,657.29	3,650.07	7.21	506.902		
1,500.00	1,479.82	1,328.72	1,328.67	5.92	2.54	-12.33	1,557.43	-3,461.57	3,627.28	3,619.49	7.78	466.057		
1,600.00	1,573.17	1,409.99	1,409.91	6.56	2.72	-12.59	1,558.05	-3,463.35	3,594.36	3,586.00	8.36	430.089		
1,700.00	1,665.22	1,490.67	1,490.56	7.26	2.90	-12.86	1,558.78	-3,465.37	3,558.60	3,549.66	8.94	397.990		
1,800.00	1,756.74	1,571.13	1,570.99	7.99	3.08	-12.98	1,559.63	-3,467.64	3,521.95	3,512.43	9.52	369.971		
1,900.00	1,848.26	1,651.81	1,651.63	8.75	3.26	-13.12	1,560.60	-3,470.16	3,485.63	3,475.52	10.11	344.894		
2,000.00	1,939.78	1,732.71	1,732.47	9.51	3.44	-13.25	1,561.69	-3,472.94	3,449.66	3,438.96	10.70	322.373		
2,100.00	2,031.30	1,813.83	1,813.52	10.29	3.63	-13.38	1,562.91	-3,475.98	3,414.03	3,402.73	11.30	302.070		
2,200.00	2,122.82	1,909.03	1,908.63	11.07	3.89	-13.55	1,564.49	-3,479.72	3,378.64	3,366.65	11.99	281.891		
2,300.00	2,214.34	2,014.66	2,014.18	11.86	4.21	-13.72	1,566.40	-3,483.46	3,342.98	3,330.25	12.73	262.604		
2,400.00	2,305.85	2,120.04	2,119.50	12.66	4.54	-13.90	1,568.48	-3,486.69	3,307.00	3,293.52	13.48	245.389		
2,500.00	2,397.37	2,225.19	2,224.58	13.46	4.86	-14.07	1,570.73	-3,489.41	3,270.69	3,256.46	14.22	229.935		
2,600.00	2,488.89	2,330.08	2,329.42	14.26	5.18	-14.24	1,573.14	-3,491.64	3,234.05	3,219.08	14.97	215.988		
2,700.00	2,580.41	2,434.72	2,434.02	15.07	5.50	-14.41	1,575.70	-3,493.36	3,197.08	3,181.36	15.72	203.339		
2,800.00	2,671.93	2,513.89	2,513.15	15.88	5.78	-14.54	1,577.67	-3,494.91	3,160.37	3,143.91	16.45	192.090		
2,900.00	2,763.45	2,602.33	2,601.54	16.69	6.07	-14.69	1,579.92	-3,496.62	3,123.72	3,106.53	17.19	181.676		
3,000.00	2,854.97	2,690.85	2,690.02	17.51	6.37	-14.84	1,582.21	-3,498.45	3,087.22	3,069.28	17.94	172.098		
3,100.00	2,946.49	2,779.48	2,778.59	18.32	6.66	-14.99	1,584.56	-3,500.40	3,050.87	3,032.18	18.69	163.261		
3,200.00	3,038.00	2,868.19	2,867.25	19.14	6.96	-15.15	1,586.95	-3,502.46	3,014.67	2,995.23	19.44	155.086		
3,300.00	3,129.52	2,961.98	2,960.98	19.96	7.28	-15.32	1,589.50	-3,504.71	2,978.56	2,958.35	20.21	147.362		
3,400.00	3,221.04	3,059.07	3,058.01	20.77	7.61	-15.51	1,592.09	-3,506.94	2,942.38	2,921.37	21.00	140.105		
3,500.00	3,312.56	3,156.06	3,154.93	21.59	7.95	-15.69	1,594.63	-3,509.04	2,906.08	2,884.29	21.79	133.357		
3,600.00	3,404.08	3,252.93	3,251.75	22.42	8.28	-15.88	1,597.11	-3,511.00	2,869.67	2,847.09	22.58	127.065		
3,700.00	3,495.60	3,349.69	3,348.47	23.24	8.62	-16.08	1,599.54	-3,512.84	2,833.16	2,809.78	23.38	121.186		
3,800.00	3,587.12	3,446.34	3,445.07	24.06	8.95	-16.28	1,601.90	-3,514.54	2,796.54	2,772.37	24.18	115.678		
3,900.00	3,678.63	3,541.40	3,540.09	24.88	9.28	-16.49	1,604.05	-3,516.17	2,759.85	2,734.87	24.98	110.498		
4,000.00	3,770.15	3,636.44	3,635.10	25.71	9.61	-16.71	1,605.91	-3,517.81	2,723.10	2,697.32	25.78	105.626		
4,100.00	3,861.67	3,731.35	3,729.99	26.53	9.95	-16.94	1,607.50	-3,519.45	2,686.31	2,659.72	26.59	101.035		
4,200.00	3,953.19	3,826.14	3,824.75	27.35	10.28	-17.19	1,608.80	-3,521.10	2,649.46	2,622.06	27.40	96.699		
4,300.00	4,044.71	3,920.80	3,919.39	28.18	10.61	-17.44	1,609.83	-3,522.76	2,612.58	2,584.37	28.21	92.599		
4,400.00	4,136.23	4,015.33	4,013.90	29.01	10.94	-17.71	1,610.58	-3,524.42	2,575.66	2,546.63	29.03	88.716		
4,500.00	4,227.75	4,105.70	4,104.25	29.83	11.25	-17.98	1,611.23	-3,526.06	2,538.82	2,508.96	29.85	85.047		
4,600.00	4,319.27	4,197.30	4,195.84	30.66	11.58	-18.26	1,611.81	-3,527.76	2,502.04	2,471.36	30.68	81.560		
4,700.00	4,410.78	4,288.90	4,287.42	31.48	11.90	-18.55	1,612.32	-3,529.51	2,465.34	2,433.83	31.51	78.246		
4,800.00	4,502.30	4,380.49	4,379.00	32.31	12.22	-18.85	1,612.77	-3,531.31	2,428.73	2,396.38	32.34	75.092		
4,900.00	4,593.82	4,472.09	4,470.58	33.14	12.54	-19.16	1,613.14	-3,533.15	2,392.20	2,359.02	33.19	72.087		
5,000.00	4,685.34	4,566.38	4,564.85	33.96	12.87	-19.50	1,613.43	-3,535.08	2,355.74	2,321.70	34.04	69.214		
5,100.00	4,776.86	4,663.21	4,661.65	34.79	13.21	-19.86	1,613.40	-3,536.99	2,319.19	2,284.29	34.90	66.460		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - STK - STK													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG, 1317-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,759.78	4,758.21	35.62	13.54	-20.24	1,613.02	-3,538.80	2,282.54	2,246.77	35.76	63.824		
5,300.00	4,959.90	4,855.37	4,853.78	36.45	13.87	-20.63	1,612.37	-3,540.49	2,245.80	2,209.16	36.63	61.302		
5,400.00	5,051.41	4,950.55	4,948.94	37.27	14.20	-21.04	1,611.61	-3,542.05	2,209.01	2,171.50	37.51	58.887		
5,500.00	5,142.93	5,045.00	5,043.36	38.10	14.53	-21.48	1,610.29	-3,543.60	2,172.16	2,133.76	38.40	56.567		
5,600.00	5,234.45	5,098.03	5,096.04	38.93	14.71	-21.87	1,604.89	-3,546.23	2,136.28	2,097.00	39.28	54.385		
5,700.00	5,325.97	5,178.42	5,175.55	39.76	14.98	-22.55	1,594.40	-3,551.85	2,101.81	2,061.57	40.24	52.237		
5,800.00	5,417.49	5,268.00	5,263.96	40.59	15.28	-23.36	1,581.53	-3,558.25	2,067.58	2,026.35	41.24	50.138		
5,900.00	5,509.01	5,337.69	5,332.47	41.42	15.52	-24.05	1,570.11	-3,564.04	2,034.41	1,992.18	42.23	48.172		
6,000.00	5,600.53	5,421.16	5,414.08	42.25	15.81	-24.96	1,554.50	-3,571.94	2,002.34	1,959.04	43.30	46.241		
6,100.00	5,692.04	5,529.93	5,520.08	43.07	16.20	-26.23	1,532.49	-3,582.38	1,970.83	1,926.34	44.50	44.293		
6,200.00	5,783.56	5,632.14	5,620.34	43.90	16.58	-27.39	1,514.24	-3,590.22	1,938.56	1,892.88	45.68	42.438		
6,300.00	5,875.08	5,707.23	5,694.12	44.73	16.85	-28.24	1,501.66	-3,596.24	1,907.34	1,860.53	46.81	40.749		
6,400.00	5,966.60	5,821.11	5,806.33	45.56	17.28	-29.51	1,484.05	-3,604.42	1,876.17	1,828.10	48.07	39.032		
6,500.00	6,058.12	5,894.96	5,879.11	46.39	17.56	-30.37	1,472.69	-3,609.71	1,845.59	1,796.35	49.24	37.481		
6,600.00	6,149.64	5,998.50	5,981.31	47.22	17.95	-31.56	1,457.78	-3,616.94	1,815.60	1,765.07	50.52	35.935		
6,700.00	6,241.16	6,098.73	6,080.36	48.05	18.33	-32.75	1,443.69	-3,623.19	1,785.58	1,733.75	51.83	34.453		
6,800.00	6,332.68	6,182.81	6,163.58	48.88	18.65	-33.74	1,432.83	-3,628.05	1,755.86	1,702.76	53.10	33.069		
6,900.00	6,424.19	6,258.49	6,238.55	49.71	18.94	-34.64	1,423.69	-3,632.97	1,727.46	1,673.09	54.36	31.777		
7,000.00	6,514.88	6,372.43	6,351.43	50.58	19.37	-29.86	1,409.73	-3,639.81	1,696.91	1,641.12	55.78	30.420		
7,100.00	6,599.14	6,456.38	6,434.65	51.67	19.69	-23.58	1,399.70	-3,644.26	1,652.15	1,595.03	57.12	28.924		
7,200.00	6,673.85	6,520.55	6,498.21	53.01	19.94	-20.37	1,391.66	-3,647.92	1,593.41	1,535.03	58.38	27.295		
7,300.00	6,736.73	6,590.14	6,567.08	54.56	20.21	-19.42	1,382.60	-3,652.17	1,522.26	1,462.65	59.61	25.538		
7,400.00	6,785.87	6,647.23	6,623.61	56.29	20.43	-20.26	1,375.30	-3,655.34	1,440.10	1,379.40	60.71	23.721		
7,500.00	6,819.79	6,689.07	6,665.05	58.13	20.59	-23.74	1,369.94	-3,657.55	1,349.53	1,287.90	61.64	21.895		
7,600.00	6,837.44	6,714.66	6,690.40	60.02	20.69	-35.09	1,366.68	-3,658.82	1,253.17	1,190.82	62.35	20.099		
7,700.00	6,840.00	6,722.99	6,698.65	61.90	20.73	-57.22	1,365.63	-3,659.22	1,154.01	1,091.17	62.83	18.366		
7,800.00	6,840.00	6,728.31	6,703.92	63.83	20.75	-59.47	1,364.96	-3,659.47	1,054.63	991.30	63.34	16.651		
7,900.00	6,840.00	6,733.54	6,709.10	65.81	20.77	-61.76	1,364.30	-3,659.71	955.36	891.42	63.94	14.941		
8,000.00	6,840.00	6,739.00	6,714.52	67.84	20.79	-64.22	1,363.62	-3,659.96	856.24	791.55	64.69	13.237		
8,100.00	6,840.00	6,744.25	6,719.72	69.91	20.81	-66.66	1,362.97	-3,660.19	757.31	691.69	65.62	11.541		
8,200.00	6,840.00	6,749.29	6,724.72	72.03	20.83	-69.06	1,362.35	-3,660.42	658.67	591.83	66.84	9.855		
8,300.00	6,840.00	6,754.15	6,729.54	74.18	20.85	-71.42	1,361.76	-3,660.62	560.47	491.99	68.48	8.184		
8,400.00	6,840.00	6,758.82	6,734.18	76.37	20.86	-73.73	1,361.20	-3,660.82	463.01	392.19	70.82	6.538		
8,500.00	6,840.00	6,763.33	6,738.64	78.59	20.88	-75.98	1,360.66	-3,661.01	366.86	292.47	74.39	4.932		
8,600.00	6,840.00	6,767.67	6,742.95	80.85	20.90	-78.17	1,360.15	-3,661.18	273.42	193.14	80.28	3.406		
8,700.00	6,840.00	6,771.87	6,747.11	83.13	20.91	-80.31	1,359.66	-3,661.35	186.81	96.07	90.74	2.059		
8,800.00	6,840.00	6,775.91	6,751.13	85.44	20.93	-82.37	1,359.19	-3,661.51	122.49	17.84	104.65	1.171	Level 2	
8,849.62	6,840.00	6,777.87	6,753.07	86.59	20.94	-83.37	1,358.96	-3,661.59	112.01	9.44	102.57	1.092	Level 2, CC, ES, SF	
8,900.00	6,840.00	6,779.82	6,755.01	87.77	20.94	-84.37	1,358.74	-3,661.66	122.80	34.32	88.48	1.388	Level 3	
9,000.00	6,840.00	6,783.60	6,758.76	90.12	20.96	-86.30	1,358.31	-3,661.80	187.42	125.00	62.42	3.003		
9,100.00	6,840.00	6,787.26	6,762.39	92.50	20.97	-88.16	1,357.89	-3,661.94	274.13	220.41	53.72	5.103		
9,200.00	6,840.00	6,790.80	6,765.91	94.89	20.99	-89.95	1,357.49	-3,662.07	367.61	315.66	51.95	7.076		
9,300.00	6,840.00	6,794.22	6,769.31	97.30	21.00	-91.68	1,357.11	-3,662.19	463.80	411.73	52.07	8.908		
9,400.00	6,840.00	6,797.88	6,772.94	99.73	21.01	-93.50	1,356.71	-3,662.32	561.29	508.67	52.63	10.665		
9,500.00	6,840.00	6,801.68	6,776.72	102.17	21.03	-95.37	1,356.29	-3,662.46	659.52	606.27	53.25	12.386		
9,600.00	6,840.00	6,805.54	6,780.55	104.63	21.04	-97.25	1,355.87	-3,662.60	758.19	704.37	53.83	14.086		
9,700.00	6,840.00	6,809.46	6,784.44	107.10	21.06	-99.13	1,355.44	-3,662.74	857.16	802.82	54.34	15.775		
9,800.00	6,840.00	6,813.44	6,788.39	109.58	21.07	-101.00	1,355.01	-3,662.89	956.32	901.53	54.79	17.455		
9,900.00	6,840.00	6,817.48	6,792.41	112.07	21.09	-102.86	1,354.58	-3,663.04	1,055.63	1,000.44	55.19	19.129		
10,000.00	6,840.00	6,821.58	6,796.49	114.58	21.10	-104.72	1,354.14	-3,663.19	1,155.04	1,099.51	55.54	20.797		
10,100.00	6,840.00	6,825.75	6,800.63	117.09	21.12	-106.55	1,353.70	-3,663.35	1,254.54	1,198.69	55.85	22.461		
10,200.00	6,840.00	6,829.99	6,804.85	119.61	21.13	-108.37	1,353.26	-3,663.51	1,354.10	1,297.96	56.14	24.121		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG, 1317-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,834.30	6,809.13	122.14	21.15	-110.17	1,352.81	-3,663.68	1,453.71	1,397.31	56.40	25.776		
10,400.00	6,840.00	6,838.68	6,813.48	124.68	21.17	-111.94	1,352.36	-3,663.85	1,553.35	1,496.72	56.64	27.427		
10,500.00	6,840.00	6,843.13	6,817.90	127.23	21.18	-113.68	1,351.91	-3,664.02	1,653.03	1,596.18	56.86	29.075		
10,600.00	6,840.00	6,847.65	6,822.40	129.78	21.20	-115.40	1,351.45	-3,664.20	1,752.74	1,695.68	57.06	30.718		
10,700.00	6,840.00	6,852.25	6,826.97	132.35	21.22	-117.08	1,350.99	-3,664.38	1,852.47	1,795.22	57.25	32.357		
10,800.00	6,840.00	6,856.92	6,831.62	134.91	21.24	-118.73	1,350.53	-3,664.57	1,952.22	1,894.78	57.43	33.991		
10,900.00	6,840.00	6,863.25	6,837.91	137.49	21.26	-120.86	1,349.91	-3,664.82	2,051.98	1,994.36	57.62	35.612		
11,000.00	6,840.00	6,871.31	6,845.93	140.07	21.29	-123.43	1,349.14	-3,665.16	2,151.75	2,093.93	57.81	37.218		
11,100.00	6,840.00	6,880.09	6,854.66	142.65	21.32	-126.03	1,348.32	-3,665.54	2,251.52	2,193.51	58.01	38.814		
11,200.00	6,840.00	6,889.68	6,864.20	145.24	21.36	-128.65	1,347.46	-3,665.98	2,351.30	2,293.10	58.20	40.400		
11,300.00	6,840.00	6,900.21	6,874.67	147.83	21.40	-131.30	1,346.55	-3,666.48	2,451.07	2,392.68	58.40	41.974		
11,400.00	6,840.00	6,911.80	6,886.21	150.43	21.44	-133.96	1,345.59	-3,667.06	2,550.84	2,492.25	58.59	43.534		
11,500.00	6,840.00	6,924.63	6,898.99	153.04	21.49	-136.62	1,344.58	-3,667.74	2,650.61	2,591.81	58.80	45.079		
11,600.00	6,840.00	11,600.00	6,883.45	155.64	39.29	-133.37	1,345.93	-3,667.00	2,750.35	2,674.07	76.28	36.056		
11,700.00	6,840.00	6,935.96	6,910.26	158.26	21.53	-138.75	1,343.74	-3,668.35	2,850.15	2,791.08	59.07	48.254		
11,800.00	6,840.00	6,942.11	6,916.40	160.87	21.56	-139.84	1,343.32	-3,668.68	2,949.92	2,890.72	59.20	49.831		
11,900.00	6,840.00	6,948.30	6,922.56	163.49	21.58	-140.88	1,342.92	-3,669.02	3,049.70	2,990.37	59.33	51.402		
12,000.00	6,840.00	6,954.51	6,928.76	166.11	21.60	-141.88	1,342.53	-3,669.36	3,149.48	3,090.02	59.46	52.969		
12,100.00	6,840.00	6,960.76	6,934.99	168.74	21.63	-142.84	1,342.17	-3,669.70	3,249.27	3,189.68	59.59	54.530		
12,200.00	6,840.00	6,967.05	6,941.25	171.37	21.65	-143.76	1,341.82	-3,670.04	3,349.06	3,289.34	59.71	56.086		
12,300.00	6,840.00	6,973.36	6,947.54	174.00	21.68	-144.65	1,341.49	-3,670.38	3,448.85	3,389.01	59.84	57.636		
12,400.00	6,840.00	6,979.70	6,953.87	176.63	21.70	-145.51	1,341.18	-3,670.73	3,548.64	3,488.68	59.96	59.181		
12,500.00	6,840.00	6,986.08	6,960.23	179.27	21.72	-146.33	1,340.89	-3,671.08	3,648.44	3,588.35	60.09	60.721		
12,600.00	6,840.00	6,992.49	6,966.62	181.91	21.75	-147.13	1,340.63	-3,671.43	3,748.23	3,688.02	60.21	62.255		
12,700.00	6,840.00	6,998.93	6,973.05	184.55	21.77	-147.90	1,340.38	-3,671.79	3,848.03	3,787.70	60.33	63.783		
12,800.00	6,840.00	6,996.63	6,970.75	187.19	21.76	-147.62	1,340.45	-3,671.65	3,947.84	3,887.47	60.37	65.392		
12,900.00	6,840.00	6,999.87	6,973.99	189.84	21.77	-148.00	1,340.31	-3,671.83	4,047.66	3,987.19	60.46	66.943		
13,000.00	6,840.00	7,003.05	6,977.16	192.48	21.79	-148.36	1,340.18	-3,671.99	4,147.48	4,086.92	60.55	68.492		
13,100.00	6,840.00	7,006.17	6,980.27	195.13	21.80	-148.71	1,340.05	-3,672.16	4,247.30	4,186.66	60.64	70.037		
13,200.00	6,840.00	7,009.23	6,983.33	197.79	21.81	-149.05	1,339.92	-3,672.31	4,347.13	4,286.40	60.73	71.578		
13,300.00	6,840.00	7,012.23	6,986.32	200.44	21.82	-149.37	1,339.80	-3,672.47	4,446.96	4,386.14	60.82	73.117		
13,400.00	6,840.00	7,015.17	6,989.26	203.10	21.83	-149.68	1,339.68	-3,672.62	4,546.80	4,485.89	60.91	74.651		
13,500.00	6,840.00	7,018.07	6,992.15	205.75	21.84	-149.97	1,339.57	-3,672.76	4,646.64	4,585.64	60.99	76.183		
13,600.00	6,840.00	7,020.90	6,994.98	208.41	21.85	-150.26	1,339.46	-3,672.90	4,746.48	4,685.40	61.08	77.711		
13,700.00	6,840.00	7,023.69	6,997.76	211.07	21.86	-150.54	1,339.35	-3,673.04	4,846.33	4,785.16	61.16	79.236		
13,800.00	6,840.00	7,026.42	7,000.49	213.74	21.87	-150.80	1,339.24	-3,673.17	4,946.18	4,884.93	61.25	80.757		
13,900.00	6,840.00	7,029.11	7,003.17	216.40	21.88	-151.06	1,339.14	-3,673.30	5,046.03	4,984.70	61.33	82.274		
14,000.00	6,840.00	7,031.75	7,005.80	219.06	21.89	-151.31	1,339.04	-3,673.43	5,145.89	5,084.47	61.42	83.789		
14,100.00	6,840.00	7,034.34	7,008.39	221.73	21.90	-151.55	1,338.94	-3,673.55	5,245.75	5,184.25	61.50	85.299		
14,200.00	6,840.00	7,036.89	7,010.93	224.40	21.91	-151.78	1,338.84	-3,673.67	5,345.61	5,284.03	61.58	86.807		
14,300.00	6,840.00	7,039.39	7,013.43	227.07	21.92	-152.01	1,338.75	-3,673.79	5,445.48	5,383.82	61.66	88.310		
14,400.00	6,840.00	7,051.00	7,025.02	229.74	21.96	-153.00	1,338.32	-3,674.32	5,545.36	5,483.54	61.82	89.703		
14,500.00	6,840.00	7,051.00	7,025.02	232.41	21.96	-153.00	1,338.32	-3,674.32	5,645.23	5,583.35	61.88	91.227		
14,600.00	6,840.00	7,051.00	7,025.02	235.08	21.96	-153.00	1,338.32	-3,674.32	5,745.10	5,683.15	61.94	92.748		
14,700.00	6,840.00	7,051.00	7,025.02	237.75	21.96	-153.00	1,338.32	-3,674.32	5,844.97	5,782.97	62.01	94.265		
14,800.00	6,840.00	7,051.00	7,025.02	240.43	21.96	-153.00	1,338.32	-3,674.32	5,944.85	5,882.78	62.07	95.779		
14,900.00	6,840.00	7,051.00	7,025.02	243.10	21.96	-153.00	1,338.32	-3,674.32	6,044.73	5,982.60	62.13	97.289		
15,000.00	6,840.00	7,051.00	7,025.02	245.78	21.96	-153.00	1,338.32	-3,674.32	6,144.62	6,082.42	62.19	98.796		
15,100.00	6,840.00	7,051.00	7,025.02	248.46	21.96	-153.00	1,338.32	-3,674.32	6,244.51	6,182.25	62.26	100.300		
15,200.00	6,840.00	7,051.00	7,025.02	251.14	21.96	-153.00	1,338.32	-3,674.32	6,344.40	6,282.08	62.32	101.800		
15,300.00	6,840.00	7,051.00	7,025.02	253.82	21.96	-153.00	1,338.32	-3,674.32	6,444.30	6,381.91	62.39	103.296		
15,400.00	6,840.00	7,051.00	7,025.02	256.50	21.96	-153.00	1,338.32	-3,674.32	6,544.20	6,481.75	62.45	104.789		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 25-T4N-R65W - SI VERT SHELTON 18-25XX GYRO - STK - STK													Offset Site Error:	0.00 usft
Survey Program: 789-MWD OWSG, 1317-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	7,051.00	7,025.02	259.18	21.96	-153.00	1,338.32	-3,674.32	6,644.10	6,581.58	62.52	106.278		
15,600.00	6,840.00	7,051.00	7,025.02	261.86	21.96	-153.00	1,338.32	-3,674.32	6,744.01	6,681.42	62.58	107.764		
15,700.00	6,840.00	7,068.22	7,042.21	264.54	22.03	-154.36	1,337.70	-3,675.06	6,843.86	6,781.08	62.78	109.014		
15,800.00	6,840.00	7,069.95	7,043.94	267.23	22.03	-154.49	1,337.64	-3,675.13	6,943.76	6,880.91	62.86	110.467		
15,900.00	6,840.00	7,071.65	7,045.63	269.91	22.04	-154.61	1,337.58	-3,675.20	7,043.67	6,980.73	62.94	111.916		
16,000.00	6,840.00	7,073.32	7,047.30	272.59	22.04	-154.73	1,337.52	-3,675.26	7,143.57	7,080.55	63.02	113.361		
16,100.00	6,840.00	7,074.96	7,048.94	275.28	22.05	-154.85	1,337.46	-3,675.33	7,243.48	7,180.38	63.09	114.803		
16,200.00	6,840.00	7,076.58	7,050.56	277.97	22.06	-154.97	1,337.41	-3,675.39	7,343.38	7,280.21	63.17	116.241		
16,300.00	6,840.00	7,078.17	7,052.14	280.65	22.06	-155.08	1,337.35	-3,675.46	7,443.29	7,380.04	63.25	117.675		
16,400.00	6,840.00	7,079.73	7,053.71	283.34	22.07	-155.19	1,337.30	-3,675.52	7,543.20	7,479.87	63.33	119.105		
16,500.00	6,840.00	7,081.27	7,055.25	286.03	22.07	-155.30	1,337.24	-3,675.58	7,643.12	7,579.71	63.41	120.532		
16,600.00	6,840.00	7,082.79	7,056.76	288.72	22.08	-155.40	1,337.19	-3,675.64	7,743.03	7,679.54	63.49	121.955		
16,700.00	6,840.00	7,084.28	7,058.25	291.41	22.08	-155.51	1,337.14	-3,675.69	7,842.95	7,779.38	63.57	123.374		
16,800.00	6,840.00	7,085.75	7,059.72	294.10	22.09	-155.61	1,337.09	-3,675.75	7,942.86	7,879.21	63.65	124.789		
16,900.00	6,840.00	7,087.20	7,061.16	296.79	22.10	-155.70	1,337.04	-3,675.80	8,042.78	7,979.05	63.73	126.200		
17,000.00	6,840.00	7,088.62	7,062.59	299.48	22.10	-155.80	1,336.99	-3,675.86	8,142.70	8,078.89	63.81	127.608		
17,100.00	6,840.00	7,090.03	7,063.99	302.17	22.11	-155.89	1,336.94	-3,675.91	8,242.62	8,178.73	63.89	129.011		
17,200.00	6,840.00	7,091.41	7,065.37	304.86	22.11	-155.98	1,336.90	-3,675.96	8,342.54	8,278.57	63.97	130.411		
17,300.00	6,840.00	7,092.77	7,066.73	307.56	22.12	-156.07	1,336.85	-3,676.01	8,442.47	8,378.42	64.05	131.807		
17,400.00	6,840.00	7,094.11	7,068.07	310.25	22.12	-156.16	1,336.81	-3,676.06	8,542.39	8,478.26	64.13	133.199		
17,500.00	6,840.00	7,095.44	7,069.39	312.94	22.13	-156.25	1,336.76	-3,676.10	8,642.32	8,578.10	64.21	134.588		
17,600.00	6,840.00	7,096.74	7,070.69	315.64	22.13	-156.33	1,336.72	-3,676.15	8,742.24	8,677.95	64.29	135.972		
17,700.00	6,840.00	7,115.00	7,088.93	318.33	22.20	-157.44	1,336.12	-3,676.77	8,842.22	8,777.72	64.50	137.086		
17,800.00	6,840.00	7,115.00	7,088.93	321.03	22.20	-157.44	1,336.12	-3,676.77	8,942.14	8,877.57	64.57	138.481		
17,900.00	6,840.00	7,115.00	7,088.93	323.72	22.20	-157.44	1,336.12	-3,676.77	9,042.06	8,977.42	64.65	139.872		
18,000.00	6,840.00	7,115.00	7,088.93	326.42	22.20	-157.44	1,336.12	-3,676.77	9,141.99	9,077.27	64.72	141.259		
18,100.00	6,840.00	7,115.00	7,088.93	329.11	22.20	-157.44	1,336.12	-3,676.77	9,241.92	9,177.13	64.79	142.642		
18,200.00	6,840.00	7,115.00	7,088.93	331.81	22.20	-157.44	1,336.12	-3,676.77	9,341.85	9,276.98	64.86	144.021		
18,300.00	6,840.00	7,115.00	7,088.93	334.51	22.20	-157.44	1,336.12	-3,676.77	9,441.78	9,376.84	64.94	145.396		
18,400.00	6,840.00	7,115.00	7,088.93	337.20	22.20	-157.44	1,336.12	-3,676.77	9,541.71	9,476.70	65.01	146.767		
18,500.00	6,840.00	7,115.00	7,088.93	339.90	22.20	-157.44	1,336.12	-3,676.77	9,641.64	9,576.56	65.09	148.134		
18,600.00	6,840.00	7,115.00	7,088.93	342.60	22.20	-157.44	1,336.12	-3,676.77	9,741.58	9,676.42	65.16	149.497		
18,700.00	6,840.00	7,115.00	7,088.93	345.30	22.20	-157.44	1,336.12	-3,676.77	9,841.52	9,776.28	65.24	150.856		
18,800.00	6,840.00	7,115.00	7,088.93	348.00	22.20	-157.44	1,336.12	-3,676.77	9,941.45	9,876.14	65.31	152.211		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-98.04	-873.93	-6,188.56	6,250.66					
100.00	100.00	6.15	6.15	0.13	0.01	-98.04	-873.93	-6,188.56	6,249.97	6,249.83	0.14	N/A		
200.00	200.00	93.94	93.94	0.49	0.09	-98.04	-874.09	-6,188.64	6,250.08	6,249.50	0.58	N/A		
300.00	300.00	195.77	195.77	0.85	0.23	-98.04	-874.41	-6,188.80	6,250.28	6,249.20	1.08	5,809.227		
400.00	400.00	289.00	289.00	1.21	0.31	-98.04	-874.65	-6,188.99	6,250.51	6,249.00	1.51	4,130.388		
500.00	500.00	415.49	415.49	1.57	0.38	-98.05	-875.05	-6,189.02	6,250.58	6,248.65	1.93	3,234.881		
600.00	599.98	511.15	511.14	1.92	0.43	-43.47	-875.52	-6,188.85	6,249.21	6,246.87	2.34	2,671.652		
700.00	699.84	602.08	602.07	2.28	0.48	-43.56	-875.78	-6,188.82	6,245.41	6,242.68	2.73	2,285.446		
800.00	799.45	693.92	693.92	2.65	0.53	-43.69	-875.90	-6,188.93	6,239.23	6,236.09	3.14	1,988.137		
900.00	898.70	785.91	785.91	3.02	0.57	-43.89	-876.18	-6,189.13	6,230.66	6,227.11	3.55	1,756.391		
1,000.00	997.47	896.44	896.44	3.42	0.63	-44.16	-876.70	-6,189.33	6,219.59	6,215.62	3.97	1,566.733		
1,100.00	1,095.62	1,001.80	1,001.79	3.84	0.67	-44.49	-877.13	-6,189.34	6,205.89	6,201.49	4.40	1,410.613		
1,200.00	1,193.06	1,085.40	1,085.39	4.30	0.70	-44.84	-877.34	-6,189.41	6,189.81	6,184.98	4.83	1,281.465		
1,300.00	1,289.64	1,173.13	1,173.12	4.79	0.74	-45.26	-877.51	-6,189.67	6,171.52	6,166.23	5.29	1,166.163		
1,400.00	1,385.27	1,279.40	1,279.39	5.33	0.78	-45.77	-877.71	-6,190.00	6,150.91	6,145.13	5.79	1,063.239		
1,500.00	1,479.82	1,379.25	1,379.25	5.92	0.81	-46.33	-877.69	-6,190.15	6,127.82	6,121.52	6.30	972.200		
1,600.00	1,573.17	1,466.94	1,466.93	6.56	0.83	-46.94	-877.55	-6,190.31	6,102.49	6,095.64	6.85	891.030		
1,700.00	1,665.22	1,559.68	1,559.67	7.26	0.85	-47.56	-877.22	-6,190.59	6,075.06	6,067.63	7.43	817.335		
1,800.00	1,756.74	1,652.99	1,652.98	7.99	0.87	-47.83	-876.89	-6,190.82	6,046.83	6,038.79	8.04	752.510		
1,900.00	1,848.26	1,738.53	1,738.51	8.75	0.89	-48.08	-876.41	-6,191.08	6,018.75	6,010.09	8.65	695.582		
2,000.00	1,939.78	1,815.02	1,815.00	9.51	0.91	-48.30	-875.96	-6,191.46	5,990.96	5,981.68	9.28	645.358		
2,100.00	2,031.30	1,879.20	1,879.18	10.29	0.93	-48.49	-875.64	-6,192.01	5,963.67	5,953.74	9.93	600.870		
2,200.00	2,122.82	1,948.97	1,948.95	11.07	0.95	-48.70	-875.39	-6,192.91	5,936.90	5,926.32	10.58	561.072		
2,300.00	2,214.34	2,030.18	2,030.15	11.86	0.97	-48.94	-875.15	-6,194.21	5,910.57	5,899.32	11.25	525.345		
2,400.00	2,305.85	2,125.34	2,125.29	12.66	1.00	-49.23	-874.62	-6,195.75	5,884.35	5,872.42	11.93	493.192		
2,500.00	2,397.37	2,205.08	2,205.02	13.46	1.03	-49.46	-873.88	-6,197.20	5,858.38	5,845.76	12.62	464.375		
2,600.00	2,488.89	2,275.06	2,274.98	14.26	1.05	-49.67	-873.29	-6,198.67	5,832.82	5,819.52	13.31	438.361		
2,700.00	2,580.41	2,335.54	2,335.44	15.07	1.07	-49.85	-873.04	-6,200.15	5,807.81	5,793.81	14.00	414.761		
2,800.00	2,671.93	2,400.00	2,399.87	15.88	1.09	-50.05	-873.09	-6,202.11	5,783.54	5,768.83	14.71	393.234		
2,900.00	2,763.45	2,474.39	2,474.22	16.69	1.12	-50.29	-873.55	-6,204.59	5,759.80	5,744.37	15.42	373.488		
3,000.00	2,854.97	2,553.80	2,553.58	17.51	1.15	-50.54	-874.41	-6,207.23	5,736.34	5,720.20	16.14	355.346		
3,100.00	2,946.49	2,630.85	2,630.57	18.32	1.17	-50.79	-875.44	-6,209.98	5,713.30	5,696.43	16.87	338.666		
3,200.00	3,038.00	2,711.32	2,710.97	19.14	1.20	-51.06	-876.86	-6,212.96	5,690.65	5,673.05	17.60	323.266		
3,300.00	3,129.52	2,800.07	2,799.64	19.96	1.23	-51.36	-878.60	-6,216.31	5,668.29	5,649.95	18.34	308.990		
3,400.00	3,221.04	2,947.44	2,946.90	20.77	1.28	-51.86	-881.88	-6,221.19	5,645.79	5,626.68	19.10	295.577		
3,500.00	3,312.56	3,075.62	3,075.00	21.59	1.32	-52.31	-884.94	-6,224.06	5,622.47	5,602.61	19.86	283.152		
3,600.00	3,404.08	3,192.95	3,192.27	22.42	1.36	-52.73	-887.98	-6,226.12	5,599.01	5,578.40	20.61	271.608		
3,700.00	3,495.60	3,267.39	3,266.68	23.24	1.38	-53.00	-889.86	-6,227.34	5,575.63	5,554.26	21.37	260.877		
3,800.00	3,587.12	3,332.25	3,331.52	24.06	1.40	-53.23	-891.36	-6,228.70	5,552.80	5,530.66	22.14	250.858		
3,900.00	3,678.63	3,400.00	3,399.22	24.88	1.42	-53.46	-892.15	-6,230.77	5,530.68	5,507.78	22.90	241.497		
4,000.00	3,770.15	3,475.75	3,474.91	25.71	1.45	-53.71	-891.90	-6,233.71	5,509.10	5,485.42	23.67	232.723		
4,100.00	3,861.67	3,571.87	3,570.93	26.53	1.48	-54.02	-890.30	-6,237.86	5,487.72	5,463.28	24.45	224.486		
4,200.00	3,953.19	3,719.01	3,717.94	27.35	1.52	-54.49	-887.86	-6,243.50	5,466.12	5,440.89	25.22	216.705		
4,300.00	4,044.71	3,803.16	3,802.04	28.18	1.54	-54.77	-886.74	-6,246.30	5,444.25	5,418.24	26.01	209.348		
4,400.00	4,136.23	3,881.79	3,880.62	29.01	1.57	-55.04	-885.85	-6,248.95	5,422.67	5,395.88	26.79	202.391		
4,500.00	4,227.75	3,990.56	3,989.32	29.83	1.60	-55.40	-884.51	-6,252.70	5,401.30	5,373.72	27.58	195.814		
4,600.00	4,319.27	4,073.60	4,072.30	30.66	1.62	-55.68	-883.43	-6,255.46	5,379.97	5,351.59	28.38	189.575		
4,700.00	4,410.78	4,162.63	4,161.28	31.48	1.65	-55.99	-882.72	-6,258.45	5,358.97	5,329.79	29.18	183.651		
4,800.00	4,502.30	4,264.85	4,263.45	32.31	1.68	-56.35	-882.17	-6,261.72	5,338.11	5,308.13	29.99	178.013		
4,900.00	4,593.82	4,357.72	4,356.28	33.14	1.71	-56.68	-881.92	-6,264.45	5,317.28	5,286.48	30.80	172.643		
5,000.00	4,685.34	4,439.78	4,438.30	33.96	1.74	-56.97	-881.43	-6,267.06	5,296.75	5,265.14	31.61	167.543		
5,100.00	4,776.86	4,528.72	4,527.18	34.79	1.77	-57.29	-880.81	-6,270.14	5,276.63	5,244.19	32.43	162.693		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,637.53	4,635.94	35.62	1.80	-57.68	-880.29	-6,273.51	5,256.44	5,223.18	33.26	158.057		
5,300.00	4,959.90	4,726.19	4,724.55	36.45	1.83	-58.00	-879.73	-6,276.27	5,236.40	5,202.32	34.08	153.635		
5,400.00	5,051.41	4,820.81	4,819.10	37.27	1.86	-58.34	-878.39	-6,279.57	5,216.64	5,181.73	34.91	149.431		
5,500.00	5,142.93	4,931.23	4,929.43	38.10	1.89	-58.73	-875.89	-6,283.37	5,196.71	5,160.97	35.73	145.427		
5,600.00	5,234.45	5,011.51	5,009.63	38.93	1.91	-59.01	-873.94	-6,286.28	5,177.07	5,140.51	36.56	141.586		
5,700.00	5,325.97	5,120.98	5,119.02	39.76	1.95	-59.40	-871.83	-6,289.92	5,157.54	5,120.14	37.40	137.910		
5,800.00	5,417.49	5,222.21	5,220.20	40.59	1.98	-59.78	-870.62	-6,292.75	5,138.00	5,099.76	38.24	134.364		
5,900.00	5,509.01	5,339.50	5,337.46	41.42	2.01	-60.22	-869.83	-6,295.41	5,118.41	5,079.33	39.09	130.952		
6,000.00	5,600.53	5,458.17	5,456.11	42.25	2.05	-60.69	-869.29	-6,297.20	5,098.45	5,058.51	39.94	127.659		
6,100.00	5,692.04	5,654.65	5,652.57	43.07	2.08	-61.46	-866.84	-6,297.56	5,076.99	5,036.25	40.74	124.619		
6,200.00	5,783.56	5,749.27	5,747.17	43.90	2.08	-61.83	-864.77	-6,297.59	5,055.60	5,014.03	41.57	121.611		
6,300.00	5,875.08	5,860.61	5,858.48	44.73	2.09	-62.27	-862.46	-6,296.82	5,033.82	4,991.43	42.40	118.733		
6,400.00	5,966.60	5,944.78	5,942.64	45.56	2.09	-62.61	-861.32	-6,296.01	5,012.34	4,969.10	43.24	115.915		
6,500.00	6,058.12	6,044.61	6,042.45	46.39	2.08	-63.03	-860.49	-6,294.88	4,991.18	4,947.10	44.08	113.237		
6,600.00	6,149.64	6,130.11	6,127.94	47.22	2.07	-63.39	-860.05	-6,293.49	4,969.98	4,925.05	44.93	110.618		
6,700.00	6,241.16	6,183.02	6,180.85	48.05	2.07	-63.62	-860.00	-6,292.90	4,949.60	4,903.79	45.80	108.059		
6,800.00	6,332.68	6,289.25	6,287.07	48.88	2.05	-64.08	-859.98	-6,292.13	4,929.85	4,883.19	46.66	105.666		
6,900.00	6,424.19	6,411.43	6,409.24	49.71	2.05	-64.61	-859.37	-6,290.68	4,909.77	4,862.27	47.50	103.366		
7,000.00	6,514.88	6,486.26	6,484.07	50.58	2.04	-59.42	-858.89	-6,289.77	4,887.78	4,839.38	48.40	100.994		
7,100.00	6,599.14	6,556.01	6,553.81	51.67	2.04	-54.27	-858.42	-6,289.12	4,853.26	4,803.82	49.45	98.153		
7,200.00	6,673.85	6,638.69	6,636.49	53.01	2.04	-53.52	-857.88	-6,288.54	4,805.62	4,755.00	50.63	94.924		
7,300.00	6,736.73	6,721.37	6,719.16	54.56	2.03	-56.11	-857.18	-6,287.50	4,745.84	4,693.93	51.91	91.420		
7,400.00	6,785.87	6,757.37	6,755.16	56.29	2.03	-61.47	-856.87	-6,287.07	4,676.36	4,623.07	53.29	87.748		
7,500.00	6,819.79	6,782.22	6,780.01	58.13	2.03	-70.26	-856.65	-6,286.84	4,599.37	4,544.67	54.70	84.078		
7,600.00	6,837.44	6,794.99	6,792.78	60.02	2.03	-82.82	-856.54	-6,286.74	4,517.15	4,461.05	56.10	80.522		
7,700.00	6,840.00	6,800.00	6,797.78	61.90	2.03	-91.24	-856.50	-6,286.71	4,432.28	4,374.83	57.44	77.157		
7,800.00	6,840.00	6,795.84	6,793.62	63.83	2.03	-91.14	-856.53	-6,286.74	4,347.65	4,288.81	58.84	73.890		
7,900.00	6,840.00	6,795.28	6,793.06	65.81	2.03	-91.13	-856.54	-6,286.74	4,263.69	4,203.39	60.30	70.705		
8,000.00	6,840.00	6,794.71	6,792.50	67.84	2.03	-91.11	-856.54	-6,286.74	4,180.43	4,118.60	61.84	67.603		
8,100.00	6,840.00	6,794.14	6,791.92	69.91	2.03	-91.10	-856.55	-6,286.75	4,097.93	4,034.48	63.45	64.588		
8,200.00	6,840.00	6,793.56	6,791.34	72.03	2.03	-91.09	-856.55	-6,286.75	4,016.22	3,951.08	65.13	61.660		
8,300.00	6,840.00	6,792.97	6,790.75	74.18	2.03	-91.07	-856.56	-6,286.76	3,935.35	3,868.45	66.90	58.823		
8,400.00	6,840.00	6,792.37	6,790.16	76.37	2.03	-91.06	-856.56	-6,286.76	3,855.38	3,786.63	68.75	56.078		
8,500.00	6,840.00	6,791.77	6,789.56	78.59	2.03	-91.04	-856.57	-6,286.77	3,776.37	3,705.68	70.68	53.426		
8,600.00	6,840.00	6,791.16	6,788.95	80.85	2.03	-91.03	-856.57	-6,286.77	3,698.37	3,625.67	72.70	50.869		
8,700.00	6,840.00	6,790.54	6,788.33	83.13	2.03	-91.01	-856.58	-6,286.78	3,621.45	3,546.64	74.81	48.407		
8,800.00	6,840.00	6,789.92	6,787.70	85.44	2.03	-91.00	-856.58	-6,286.78	3,545.69	3,468.68	77.01	46.040		
8,900.00	6,840.00	6,789.28	6,787.07	87.77	2.03	-90.98	-856.59	-6,286.78	3,471.15	3,391.85	79.30	43.770		
9,000.00	6,840.00	6,788.64	6,786.43	90.12	2.03	-90.97	-856.60	-6,286.79	3,397.92	3,316.23	81.69	41.596		
9,100.00	6,840.00	6,787.99	6,785.77	92.50	2.03	-90.95	-856.60	-6,286.80	3,326.08	3,241.92	84.17	39.518		
9,200.00	6,840.00	6,787.33	6,785.11	94.89	2.03	-90.93	-856.61	-6,286.80	3,255.74	3,169.00	86.74	37.536		
9,300.00	6,840.00	6,786.66	6,784.45	97.30	2.03	-90.92	-856.61	-6,286.81	3,186.97	3,097.57	89.40	35.648		
9,400.00	6,840.00	6,785.98	6,783.77	99.73	2.03	-90.90	-856.62	-6,286.81	3,119.90	3,027.74	92.16	33.854		
9,500.00	6,840.00	6,785.30	6,783.08	102.17	2.03	-90.88	-856.62	-6,286.82	3,054.63	2,959.62	95.00	32.153		
9,600.00	6,840.00	6,784.60	6,782.38	104.63	2.03	-90.87	-856.63	-6,286.82	2,991.27	2,893.34	97.93	30.545		
9,700.00	6,840.00	6,783.89	6,781.68	107.10	2.03	-90.85	-856.64	-6,286.83	2,929.96	2,829.02	100.94	29.027		
9,800.00	6,840.00	6,783.18	6,780.96	109.58	2.03	-90.83	-856.64	-6,286.83	2,870.83	2,766.81	104.02	27.598		
9,900.00	6,840.00	6,782.45	6,780.24	112.07	2.03	-90.81	-856.65	-6,286.84	2,814.01	2,706.84	107.17	26.258		
10,000.00	6,840.00	6,781.72	6,779.50	114.58	2.03	-90.80	-856.65	-6,286.85	2,759.64	2,649.26	110.37	25.003		
10,100.00	6,840.00	6,780.97	6,778.75	117.09	2.03	-90.78	-856.66	-6,286.85	2,707.87	2,594.25	113.62	23.833		
10,200.00	6,840.00	6,780.21	6,778.00	119.61	2.03	-90.76	-856.67	-6,286.86	2,658.86	2,541.97	116.89	22.747		
10,300.00	6,840.00	6,779.44	6,777.23	122.14	2.03	-90.74	-856.67	-6,286.87	2,612.76	2,492.58	120.18	21.741		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,778.66	6,776.45	124.68	2.03	-90.72	-856.68	-6,286.87	2,569.72	2,446.26	123.46	20.815		
10,500.00	6,840.00	6,777.87	6,775.66	127.23	2.03	-90.70	-856.69	-6,286.88	2,529.90	2,403.19	126.71	19.966		
10,600.00	6,840.00	6,777.07	6,774.86	129.78	2.03	-90.68	-856.69	-6,286.89	2,493.47	2,363.55	129.91	19.193		
10,700.00	6,840.00	6,776.26	6,774.04	132.35	2.03	-90.66	-856.70	-6,286.89	2,460.56	2,327.51	133.05	18.494		
10,800.00	6,840.00	6,775.43	6,773.22	134.91	2.03	-90.64	-856.71	-6,286.90	2,431.31	2,295.23	136.08	17.867		
10,900.00	6,840.00	6,774.59	6,772.38	137.49	2.03	-90.62	-856.72	-6,286.91	2,405.88	2,266.89	138.99	17.310		
11,000.00	6,840.00	6,773.74	6,771.53	140.07	2.03	-90.60	-856.72	-6,286.92	2,384.37	2,242.61	141.75	16.821		
11,100.00	6,840.00	6,772.88	6,770.66	142.65	2.03	-90.58	-856.73	-6,286.92	2,366.89	2,222.55	144.34	16.398		
11,200.00	6,840.00	6,772.00	6,769.79	145.24	2.03	-90.56	-856.74	-6,286.93	2,353.53	2,206.80	146.73	16.040		
11,300.00	6,840.00	6,771.11	6,768.90	147.83	2.03	-90.54	-856.75	-6,286.94	2,344.37	2,195.46	148.91	15.744		
11,400.00	6,840.00	6,770.20	6,767.99	150.43	2.03	-90.51	-856.75	-6,286.95	2,339.45	2,188.60	150.84	15.509		
11,465.27	6,840.00	6,769.61	6,767.39	152.13	2.03	-90.50	-856.76	-6,286.95	2,338.53	2,186.56	151.97	15.388	CC	
11,500.00	6,840.00	6,769.28	6,767.07	153.04	2.03	-90.49	-856.76	-6,286.96	2,338.79	2,186.26	152.53	15.333	ES	
11,600.00	6,840.00	6,768.35	6,766.14	155.64	2.03	-90.47	-856.77	-6,286.97	2,342.41	2,188.45	153.96	15.214		
11,700.00	6,840.00	6,767.40	6,765.19	158.26	2.03	-90.45	-856.78	-6,286.97	2,350.28	2,195.16	155.12	15.151		
11,800.00	6,840.00	6,766.44	6,764.22	160.87	2.03	-90.42	-856.79	-6,286.98	2,362.37	2,206.35	156.02	15.141	SF	
11,900.00	6,840.00	6,765.46	6,763.25	163.49	2.03	-90.40	-856.80	-6,286.99	2,378.60	2,221.94	156.65	15.184		
12,000.00	6,840.00	6,764.46	6,762.25	166.11	2.03	-90.37	-856.80	-6,287.00	2,398.89	2,241.86	157.03	15.277		
12,100.00	6,840.00	6,763.45	6,761.24	168.74	2.03	-90.35	-856.81	-6,287.01	2,423.14	2,265.98	157.16	15.418		
12,200.00	6,840.00	6,762.42	6,760.21	171.37	2.03	-90.32	-856.82	-6,287.02	2,451.23	2,294.17	157.06	15.607		
12,300.00	6,840.00	6,761.37	6,759.16	174.00	2.03	-90.30	-856.83	-6,287.03	2,483.03	2,326.30	156.74	15.842		
12,400.00	6,840.00	6,760.31	6,758.10	176.63	2.03	-90.27	-856.84	-6,287.04	2,518.41	2,362.19	156.22	16.121		
12,500.00	6,840.00	6,759.23	6,757.02	179.27	2.03	-90.25	-856.85	-6,287.06	2,557.21	2,401.68	155.52	16.443		
12,600.00	6,840.00	6,758.13	6,755.91	181.91	2.03	-90.22	-856.86	-6,287.07	2,599.28	2,444.61	154.67	16.806		
12,700.00	6,840.00	6,757.01	6,754.80	184.55	2.03	-90.19	-856.87	-6,287.08	2,644.46	2,490.79	153.67	17.209		
12,800.00	6,840.00	6,755.87	6,753.66	187.19	2.03	-90.16	-856.88	-6,287.09	2,692.60	2,540.05	152.55	17.651		
12,900.00	6,840.00	6,754.71	6,752.50	189.84	2.03	-90.13	-856.89	-6,287.10	2,743.54	2,592.21	151.33	18.130		
13,000.00	6,840.00	6,753.53	6,751.32	192.48	2.03	-90.11	-856.90	-6,287.12	2,797.13	2,647.11	150.02	18.645		
13,100.00	6,840.00	6,752.33	6,750.11	195.13	2.03	-90.08	-856.91	-6,287.13	2,853.21	2,704.57	148.64	19.195		
13,200.00	6,840.00	6,751.10	6,748.89	197.79	2.03	-90.05	-856.92	-6,287.14	2,911.65	2,764.45	147.21	19.779		
13,300.00	6,840.00	6,749.86	6,747.64	200.44	2.03	-90.02	-856.93	-6,287.15	2,972.31	2,826.58	145.73	20.396		
13,400.00	6,840.00	6,748.59	6,746.38	203.10	2.03	-89.98	-856.94	-6,287.17	3,035.05	2,890.83	144.23	21.044		
13,500.00	6,840.00	6,747.29	6,745.08	205.75	2.03	-89.95	-856.95	-6,287.18	3,099.75	2,957.05	142.70	21.722		
13,600.00	6,840.00	6,745.98	6,743.77	208.41	2.03	-89.92	-856.97	-6,287.20	3,166.28	3,025.12	141.16	22.430		
13,700.00	6,840.00	6,744.63	6,742.42	211.07	2.03	-89.89	-856.98	-6,287.21	3,234.54	3,094.92	139.62	23.167		
13,800.00	6,840.00	6,743.27	6,741.06	213.74	2.03	-89.85	-856.99	-6,287.23	3,304.41	3,166.33	138.08	23.930		
13,900.00	6,840.00	6,741.87	6,739.66	216.40	2.03	-89.82	-857.00	-6,287.24	3,375.80	3,239.24	136.56	24.721		
14,000.00	6,840.00	6,740.45	6,738.24	219.06	2.03	-89.79	-857.01	-6,287.26	3,448.61	3,313.56	135.05	25.537		
14,100.00	6,840.00	6,739.00	6,736.79	221.73	2.03	-89.75	-857.03	-6,287.28	3,522.75	3,389.20	133.55	26.377		
14,200.00	6,840.00	6,737.52	6,735.31	224.40	2.03	-89.71	-857.04	-6,287.30	3,598.15	3,466.07	132.08	27.242		
14,300.00	6,840.00	6,736.01	6,733.80	227.07	2.03	-89.68	-857.05	-6,287.31	3,674.72	3,544.08	130.64	28.129		
14,400.00	6,840.00	6,734.47	6,732.26	229.74	2.03	-89.64	-857.07	-6,287.33	3,752.39	3,623.17	129.22	29.039		
14,500.00	6,840.00	6,732.90	6,730.69	232.41	2.03	-89.60	-857.08	-6,287.35	3,831.10	3,703.27	127.83	29.971		
14,600.00	6,840.00	6,731.30	6,729.09	235.08	2.03	-89.56	-857.10	-6,287.37	3,910.77	3,784.31	126.47	30.923		
14,700.00	6,840.00	6,729.66	6,727.45	237.75	2.03	-89.52	-857.11	-6,287.39	3,991.37	3,866.23	125.14	31.896		
14,800.00	6,840.00	6,727.99	6,725.78	240.43	2.03	-89.48	-857.13	-6,287.41	4,072.82	3,948.98	123.84	32.887		
14,900.00	6,840.00	6,726.28	6,724.07	243.10	2.03	-89.44	-857.14	-6,287.44	4,155.08	4,032.51	122.58	33.898		
15,000.00	6,840.00	6,724.53	6,722.33	245.78	2.03	-89.40	-857.16	-6,287.46	4,238.11	4,116.77	121.34	34.926		
15,100.00	6,840.00	6,722.75	6,720.54	248.46	2.03	-89.35	-857.17	-6,287.48	4,321.85	4,201.71	120.14	35.973		
15,200.00	6,840.00	6,720.93	6,718.72	251.14	2.03	-89.31	-857.19	-6,287.50	4,406.27	4,287.30	118.97	37.036		
15,300.00	6,840.00	6,719.06	6,716.85	253.82	2.03	-89.26	-857.21	-6,287.53	4,491.34	4,373.50	117.84	38.115		
15,400.00	6,840.00	6,717.16	6,714.95	256.50	2.03	-89.21	-857.22	-6,287.56	4,577.00	4,460.27	116.73	39.210		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,715.21	6,713.00	259.18	2.03	-89.17	-857.24	-6,287.58	4,663.23	4,547.58	115.66	40.320		
15,600.00	6,840.00	6,713.21	6,711.00	261.86	2.03	-89.12	-857.26	-6,287.61	4,750.01	4,635.40	114.61	41.445		
15,700.00	6,840.00	6,711.17	6,708.96	264.54	2.03	-89.07	-857.28	-6,287.64	4,837.29	4,723.70	113.59	42.584		
15,800.00	6,840.00	6,709.08	6,706.87	267.23	2.03	-89.02	-857.29	-6,287.67	4,925.06	4,812.45	112.61	43.737		
15,900.00	6,840.00	6,706.93	6,704.73	269.91	2.03	-88.96	-857.31	-6,287.70	5,013.28	4,901.63	111.65	44.903		
16,000.00	6,840.00	6,704.74	6,702.53	272.59	2.03	-88.91	-857.33	-6,287.73	5,101.94	4,991.22	110.72	46.082		
16,100.00	6,840.00	6,702.49	6,700.29	275.28	2.03	-88.86	-857.35	-6,287.76	5,191.01	5,081.20	109.81	47.273		
16,200.00	6,840.00	6,700.19	6,697.98	277.97	2.03	-88.80	-857.38	-6,287.80	5,280.47	5,171.54	108.93	48.476		
16,300.00	6,840.00	6,700.00	6,697.79	280.65	2.03	-88.79	-857.38	-6,287.80	5,370.30	5,262.22	108.08	49.688		
16,400.00	6,840.00	6,700.00	6,697.79	283.34	2.03	-88.79	-857.38	-6,287.80	5,460.49	5,353.23	107.26	50.911		
16,500.00	6,840.00	6,700.00	6,697.79	286.03	2.03	-88.79	-857.38	-6,287.80	5,551.01	5,444.55	106.45	52.144		
16,600.00	6,840.00	6,700.00	6,697.79	288.72	2.03	-88.79	-857.38	-6,287.80	5,641.85	5,536.17	105.68	53.388		
16,700.00	6,840.00	6,700.00	6,697.79	291.41	2.03	-88.79	-857.38	-6,287.80	5,733.00	5,628.07	104.92	54.641		
16,800.00	6,840.00	6,700.00	6,697.79	294.10	2.03	-88.79	-857.38	-6,287.80	5,824.43	5,720.25	104.19	55.904		
16,900.00	6,840.00	6,700.00	6,697.79	296.79	2.03	-88.79	-857.38	-6,287.80	5,916.15	5,812.67	103.47	57.176		
17,000.00	6,840.00	6,700.00	6,697.79	299.48	2.03	-88.79	-857.38	-6,287.80	6,008.13	5,905.35	102.78	58.456		
17,100.00	6,840.00	6,690.89	6,688.69	302.17	2.03	-88.57	-857.46	-6,287.93	6,100.35	5,998.26	102.09	59.756		
17,200.00	6,840.00	6,689.94	6,687.73	304.86	2.03	-88.55	-857.47	-6,287.94	6,192.82	6,091.38	101.43	61.054		
17,300.00	6,840.00	6,688.99	6,686.79	307.56	2.03	-88.53	-857.47	-6,287.96	6,285.52	6,184.72	100.79	62.360		
17,400.00	6,840.00	6,688.06	6,685.86	310.25	2.03	-88.50	-857.48	-6,287.97	6,378.44	6,278.26	100.17	63.674		
17,500.00	6,840.00	6,687.14	6,684.93	312.94	2.03	-88.48	-857.49	-6,287.98	6,471.57	6,372.00	99.57	64.994		
17,600.00	6,840.00	6,686.23	6,684.02	315.64	2.03	-88.46	-857.50	-6,288.00	6,564.90	6,465.92	98.99	66.322		
17,700.00	6,840.00	6,685.33	6,683.13	318.33	2.03	-88.44	-857.51	-6,288.01	6,658.43	6,560.01	98.42	67.656		
17,800.00	6,840.00	6,684.44	6,682.24	321.03	2.03	-88.41	-857.51	-6,288.02	6,752.14	6,654.28	97.86	68.997		
17,900.00	6,840.00	6,683.56	6,681.36	323.72	2.03	-88.39	-857.52	-6,288.03	6,846.03	6,748.71	97.32	70.343		
18,000.00	6,840.00	6,682.70	6,680.50	326.42	2.03	-88.37	-857.53	-6,288.04	6,940.09	6,843.29	96.80	71.696		
18,100.00	6,840.00	6,681.84	6,679.64	329.11	2.03	-88.35	-857.54	-6,288.06	7,034.32	6,938.03	96.29	73.053		
18,200.00	6,840.00	6,681.00	6,678.79	331.81	2.03	-88.33	-857.54	-6,288.07	7,128.70	7,032.90	95.79	74.417		
18,300.00	6,840.00	6,680.16	6,677.96	334.51	2.03	-88.31	-857.55	-6,288.08	7,223.23	7,127.92	95.31	75.785		
18,400.00	6,840.00	6,679.34	6,677.13	337.20	2.03	-88.29	-857.56	-6,288.09	7,317.91	7,223.07	94.84	77.158		
18,500.00	6,840.00	6,678.52	6,676.32	339.90	2.03	-88.27	-857.57	-6,288.10	7,412.73	7,318.34	94.39	78.536		
18,600.00	6,840.00	6,677.71	6,675.51	342.60	2.03	-88.25	-857.57	-6,288.11	7,507.68	7,413.74	93.94	79.919		
18,700.00	6,840.00	6,676.92	6,674.71	345.30	2.03	-88.23	-857.58	-6,288.12	7,602.76	7,509.25	93.51	81.305		
18,800.00	6,840.00	6,676.13	6,673.93	348.00	2.03	-88.21	-857.59	-6,288.13	7,697.96	7,604.88	93.09	82.696		
18,900.00	6,840.00	6,675.35	6,673.15	350.70	2.03	-88.19	-857.59	-6,288.14	7,793.29	7,700.61	92.68	84.091		
19,000.00	6,840.00	6,674.58	6,672.38	353.39	2.03	-88.17	-857.60	-6,288.15	7,888.73	7,796.45	92.28	85.489		
19,100.00	6,840.00	6,673.82	6,671.61	356.09	2.03	-88.15	-857.60	-6,288.16	7,984.28	7,892.39	91.89	86.890		
19,200.00	6,840.00	6,673.06	6,670.86	358.79	2.03	-88.14	-857.61	-6,288.17	8,079.94	7,988.43	91.51	88.295		
19,300.00	6,840.00	6,672.32	6,670.12	361.49	2.03	-88.12	-857.62	-6,288.18	8,175.71	8,084.56	91.14	89.703		
19,400.00	6,840.00	6,671.58	6,669.38	364.20	2.03	-88.10	-857.62	-6,288.19	8,271.57	8,180.79	90.78	91.114		
19,500.00	6,840.00	6,670.86	6,668.65	366.90	2.03	-88.08	-857.63	-6,288.19	8,367.53	8,277.10	90.43	92.528		
19,600.00	6,840.00	6,670.14	6,667.93	369.60	2.03	-88.06	-857.63	-6,288.20	8,463.59	8,373.49	90.09	93.944		
19,700.00	6,840.00	6,669.42	6,667.22	372.30	2.03	-88.05	-857.64	-6,288.21	8,559.73	8,469.97	89.76	95.363		
19,800.00	6,840.00	6,668.72	6,666.52	375.00	2.03	-88.03	-857.65	-6,288.22	8,655.96	8,566.53	89.44	96.784		
19,900.00	6,840.00	6,668.02	6,665.82	377.70	2.03	-88.01	-857.65	-6,288.23	8,752.28	8,663.16	89.12	98.207		
20,000.00	6,840.00	6,667.33	6,665.13	380.40	2.03	-88.00	-857.66	-6,288.24	8,848.68	8,759.86	88.81	99.632		
20,100.00	6,840.00	6,666.65	6,664.45	383.11	2.03	-87.98	-857.66	-6,288.25	8,945.15	8,856.64	88.51	101.059		
20,200.00	6,840.00	6,665.98	6,663.78	385.81	2.03	-87.96	-857.67	-6,288.25	9,041.70	8,953.48	88.22	102.488		
20,300.00	6,840.00	6,665.31	6,663.11	388.51	2.03	-87.95	-857.67	-6,288.26	9,138.33	9,050.39	87.94	103.918		
20,400.00	6,840.00	6,664.65	6,662.45	391.22	2.04	-87.93	-857.68	-6,288.27	9,235.03	9,147.37	87.66	105.349		
20,500.00	6,840.00	6,664.00	6,661.79	393.92	2.04	-87.91	-857.68	-6,288.28	9,331.80	9,244.41	87.39	106.782		
20,539.70	6,840.00	6,663.74	6,661.54	394.99	2.04	-87.91	-857.69	-6,288.28	9,370.23	9,282.95	87.29	107.351		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 102-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-92.38	-341.46	-8,200.65	8,208.90					
100.00	100.00	0.00	0.00	0.13	0.00	-92.38	-341.46	-8,200.65	8,207.84	8,207.70	0.14	N/A		
200.00	200.00	79.70	79.70	0.49	0.08	-92.38	-341.41	-8,200.57	8,207.69	8,207.11	0.58	N/A		
300.00	300.00	180.75	180.75	0.85	0.20	-92.38	-341.32	-8,200.33	8,207.45	8,206.40	1.05	7,792.291		
400.00	400.00	294.62	294.62	1.21	0.31	-92.38	-341.30	-8,200.01	8,207.17	8,205.66	1.52	5,411.566		
500.00	500.00	381.80	381.80	1.57	0.37	-92.38	-341.25	-8,199.74	8,206.86	8,204.92	1.94	4,234.119		
600.00	599.98	484.30	484.29	1.92	0.44	-37.80	-341.22	-8,199.51	8,205.25	8,202.90	2.36	3,478.124		
700.00	699.84	580.58	580.58	2.28	0.49	-37.88	-341.11	-8,199.27	8,200.87	8,198.10	2.77	2,963.922		
800.00	799.45	679.34	679.33	2.65	0.54	-38.00	-340.90	-8,199.08	8,193.78	8,190.61	3.18	2,579.506		
900.00	898.70	783.09	783.08	3.02	0.59	-38.17	-340.66	-8,198.85	8,183.93	8,180.34	3.59	2,278.804		
1,000.00	997.47	908.17	908.16	3.42	0.65	-38.42	-340.32	-8,198.36	8,171.20	8,167.18	4.02	2,031.057		
1,100.00	1,095.62	1,016.99	1,016.99	3.84	0.70	-38.70	-340.04	-8,197.67	8,155.53	8,151.08	4.46	1,830.156		
1,200.00	1,193.06	1,084.18	1,084.17	4.30	0.73	-39.00	-339.86	-8,197.36	8,137.35	8,132.47	4.88	1,667.322		
1,300.00	1,289.64	1,166.98	1,166.97	4.79	0.76	-39.37	-339.57	-8,197.17	8,116.77	8,111.44	5.33	1,524.040		
1,400.00	1,385.27	1,265.60	1,265.59	5.33	0.79	-39.80	-339.27	-8,197.03	8,093.67	8,087.88	5.79	1,397.805		
1,500.00	1,479.82	1,360.39	1,360.38	5.92	0.83	-40.29	-339.27	-8,196.80	8,067.95	8,061.66	6.28	1,284.099		
1,600.00	1,573.17	1,457.35	1,457.34	6.56	0.86	-40.84	-339.35	-8,196.59	8,039.74	8,032.93	6.81	1,181.024		
1,700.00	1,665.22	1,580.73	1,580.72	7.26	0.91	-41.45	-339.64	-8,196.05	8,008.91	8,001.54	7.37	1,086.494		
1,800.00	1,756.74	1,653.97	1,653.95	7.99	0.93	-41.61	-339.98	-8,195.58	7,977.02	7,969.09	7.93	1,006.210		
1,900.00	1,848.26	1,719.85	1,719.84	8.75	0.94	-41.74	-340.34	-8,195.39	7,945.52	7,937.02	8.50	935.285		
2,000.00	1,939.78	1,793.93	1,793.91	9.51	0.96	-41.90	-340.80	-8,195.36	7,914.34	7,905.26	9.07	872.212		
2,100.00	2,031.30	1,854.48	1,854.46	10.29	0.97	-42.02	-341.20	-8,195.51	7,883.51	7,873.86	9.66	816.380		
2,200.00	2,122.82	1,916.89	1,916.87	11.07	0.97	-42.16	-341.64	-8,195.93	7,853.15	7,842.90	10.25	766.270		
2,300.00	2,214.34	2,135.33	2,135.29	11.86	1.00	-42.63	-343.71	-8,196.43	7,822.80	7,811.95	10.85	721.128		
2,400.00	2,305.85	2,200.00	2,199.95	12.66	1.02	-42.77	-344.73	-8,195.99	7,791.45	7,779.99	11.47	679.569		
2,500.00	2,397.37	2,251.16	2,251.11	13.46	1.03	-42.89	-345.55	-8,195.85	7,760.59	7,748.51	12.08	642.206		
2,600.00	2,488.89	2,300.00	2,299.94	14.26	1.04	-43.00	-346.25	-8,195.96	7,730.28	7,717.57	12.71	608.209		
2,700.00	2,580.41	2,368.52	2,368.45	15.07	1.05	-43.15	-347.10	-8,196.42	7,700.43	7,687.10	13.34	577.293		
2,800.00	2,671.93	2,439.61	2,439.54	15.88	1.06	-43.31	-347.85	-8,197.16	7,671.00	7,657.03	13.97	549.026		
2,900.00	2,763.45	2,519.97	2,519.89	16.69	1.06	-43.48	-348.37	-8,198.18	7,641.84	7,627.24	14.61	523.098		
3,000.00	2,854.97	2,607.29	2,607.19	17.51	1.07	-43.67	-348.58	-8,199.42	7,612.87	7,597.62	15.25	499.212		
3,100.00	2,946.49	2,709.57	2,709.47	18.32	1.08	-43.90	-348.46	-8,200.86	7,583.96	7,568.06	15.89	477.135		
3,200.00	3,038.00	2,815.36	2,815.24	19.14	1.10	-44.13	-348.01	-8,202.22	7,554.99	7,538.45	16.54	456.633		
3,300.00	3,129.52	2,931.28	2,931.16	19.96	1.11	-44.38	-347.22	-8,203.46	7,525.89	7,508.69	17.20	437.559		
3,400.00	3,221.04	3,149.20	3,149.06	20.77	1.13	-44.87	-347.10	-8,203.14	7,495.68	7,477.84	17.84	420.182		
3,500.00	3,312.56	3,212.35	3,212.21	21.59	1.15	-45.02	-347.88	-8,202.62	7,465.25	7,446.74	18.51	403.233		
3,600.00	3,404.08	3,285.81	3,285.66	22.42	1.16	-45.20	-348.92	-8,202.22	7,435.21	7,416.02	19.19	387.428		
3,700.00	3,495.60	3,353.96	3,353.80	23.24	1.18	-45.37	-349.94	-8,202.01	7,405.51	7,385.64	19.87	372.653		
3,800.00	3,587.12	3,419.65	3,419.48	24.06	1.19	-45.53	-350.94	-8,202.03	7,376.22	7,355.67	20.56	358.811		
3,900.00	3,678.63	3,482.58	3,482.40	24.88	1.21	-45.68	-351.93	-8,202.29	7,347.39	7,326.15	21.25	345.826		
4,000.00	3,770.15	3,545.39	3,545.21	25.71	1.22	-45.84	-352.91	-8,202.79	7,319.02	7,297.09	21.94	333.630		
4,100.00	3,861.67	3,610.53	3,610.33	26.53	1.23	-46.00	-353.73	-8,203.59	7,291.13	7,268.50	22.63	322.157		
4,200.00	3,953.19	3,690.00	3,689.79	27.35	1.24	-46.19	-354.44	-8,204.81	7,263.58	7,240.25	23.33	311.366		
4,300.00	4,044.71	3,764.10	3,763.88	28.18	1.25	-46.37	-354.77	-8,206.16	7,236.32	7,212.30	24.03	301.156		
4,400.00	4,136.23	3,850.21	3,849.97	29.01	1.26	-46.57	-354.68	-8,207.98	7,209.38	7,184.65	24.73	291.517		
4,500.00	4,227.75	3,937.88	3,937.61	29.83	1.28	-46.87	-353.90	-8,210.57	7,182.40	7,156.97	25.43	282.453		
4,600.00	4,319.27	4,140.56	4,140.28	30.66	1.30	-47.27	-353.42	-8,212.24	7,154.57	7,128.45	26.12	273.862		
4,700.00	4,410.78	4,223.94	4,223.66	31.48	1.31	-47.47	-352.96	-8,212.82	7,126.60	7,099.76	26.84	265.526		
4,800.00	4,502.30	4,292.32	4,292.02	32.31	1.32	-47.63	-352.11	-8,213.57	7,098.98	7,071.42	27.56	257.572		
4,900.00	4,593.82	4,348.05	4,347.74	33.14	1.32	-47.76	-351.16	-8,214.46	7,071.85	7,043.56	28.29	249.985		
5,000.00	4,685.34	4,403.44	4,403.11	33.96	1.33	-47.89	-350.21	-8,215.65	7,045.32	7,016.30	29.02	242.769		
5,100.00	4,776.86	4,490.00	4,489.41	34.79	1.40	-49.10	-341.44	-8,211.87	7,015.23	6,985.62	29.62	236.857		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 102-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,900.00	4,899.41	35.62	1.40	-49.10	-341.44	-8,211.87	6,984.46	6,954.08	30.38	229.911		
5,300.00	4,959.90	4,942.27	4,941.66	36.45	1.41	-49.21	-340.74	-8,210.75	6,954.35	6,923.22	31.13	223.430		
5,400.00	5,051.41	4,960.56	4,959.95	37.27	1.41	-49.25	-340.30	-8,210.61	6,925.52	6,893.63	31.88	217.205		
5,500.00	5,142.93	5,000.00	4,999.36	38.10	1.41	-49.35	-339.05	-8,211.05	6,897.93	6,865.30	32.64	211.356		
5,600.00	5,234.45	5,000.00	4,999.36	38.93	1.41	-49.35	-339.05	-8,211.05	6,871.12	6,837.71	33.41	205.654		
5,700.00	5,325.97	5,237.69	5,236.88	39.76	1.45	-49.91	-330.43	-8,213.05	6,843.39	6,809.29	34.10	200.706		
5,800.00	5,417.49	5,382.71	5,381.84	40.59	1.47	-50.27	-326.22	-8,212.66	6,815.42	6,780.60	34.82	195.726		
5,900.00	5,509.01	5,527.32	5,526.39	41.42	1.49	-50.64	-323.01	-8,210.36	6,786.32	6,750.77	35.55	190.885		
6,000.00	5,600.53	5,600.00	5,599.05	42.25	1.51	-50.83	-321.87	-8,209.01	6,757.29	6,720.97	36.32	186.057		
6,100.00	5,692.04	5,668.97	5,668.01	43.07	1.52	-51.02	-321.25	-8,207.83	6,728.67	6,691.57	37.09	181.407		
6,200.00	5,783.56	5,757.03	5,756.06	43.90	1.53	-51.27	-321.04	-8,206.45	6,700.42	6,662.56	37.86	176.963		
6,300.00	5,875.08	5,835.23	5,834.25	44.73	1.55	-51.49	-320.95	-8,205.15	6,672.28	6,633.64	38.64	172.661		
6,400.00	5,966.60	5,900.00	5,899.01	45.56	1.56	-51.67	-321.02	-8,204.35	6,644.67	6,605.24	39.43	168.502		
6,500.00	6,058.12	5,954.56	5,953.57	46.39	1.56	-51.83	-321.07	-8,203.95	6,617.62	6,577.40	40.23	164.508		
6,600.00	6,149.64	6,022.83	6,021.84	47.22	1.57	-52.02	-320.89	-8,203.81	6,591.14	6,550.12	41.02	160.688		
6,700.00	6,241.16	6,114.86	6,113.87	48.05	1.59	-52.29	-320.46	-8,203.79	6,564.91	6,523.10	41.81	157.031		
6,800.00	6,332.68	6,209.93	6,208.94	48.88	1.61	-52.56	-320.11	-8,203.71	6,538.79	6,496.20	42.60	153.502		
6,900.00	6,424.19	6,296.34	6,295.35	49.71	1.62	-52.81	-319.85	-8,203.63	6,512.84	6,469.44	43.40	150.075		
7,000.00	6,514.88	6,392.02	6,391.02	50.58	1.64	-47.42	-319.64	-8,203.53	6,484.81	6,440.60	44.21	146.678		
7,100.00	6,599.14	6,480.18	6,479.19	51.67	1.66	-41.75	-319.55	-8,203.34	6,442.99	6,397.88	45.12	142.812		
7,200.00	6,673.85	6,555.37	6,554.37	53.01	1.67	-40.08	-319.54	-8,203.13	6,386.89	6,340.80	46.08	138.595		
7,300.00	6,736.73	6,617.53	6,616.54	54.56	1.68	-41.45	-319.60	-8,202.94	6,318.26	6,271.18	47.08	134.209		
7,400.00	6,785.87	6,665.68	6,664.69	56.29	1.69	-46.23	-319.65	-8,202.79	6,239.21	6,191.14	48.06	129.820		
7,500.00	6,819.79	6,698.85	6,697.85	58.13	1.70	-56.18	-319.68	-8,202.70	6,152.11	6,103.12	48.99	125.569		
7,600.00	6,837.44	6,719.65	6,718.65	60.02	1.70	-75.16	-319.69	-8,202.63	6,059.59	6,009.74	49.84	121.577		
7,700.00	6,840.00	6,722.33	6,721.33	61.90	1.70	-90.58	-319.69	-8,202.63	5,964.49	5,913.90	50.59	117.888		
7,800.00	6,840.00	6,721.91	6,720.92	63.83	1.70	-90.57	-319.69	-8,202.63	5,869.29	5,817.93	51.36	114.287		
7,900.00	6,840.00	6,721.49	6,720.50	65.81	1.70	-90.55	-319.69	-8,202.63	5,774.24	5,722.09	52.15	110.722		
8,000.00	6,840.00	6,721.08	6,720.09	67.84	1.70	-90.54	-319.69	-8,202.63	5,679.37	5,626.39	52.98	107.196		
8,100.00	6,840.00	6,720.67	6,719.68	69.91	1.70	-90.53	-319.69	-8,202.63	5,584.67	5,530.82	53.85	103.711		
8,200.00	6,840.00	6,720.27	6,719.28	72.03	1.70	-90.52	-319.69	-8,202.63	5,490.16	5,435.41	54.75	100.269		
8,300.00	6,840.00	6,719.87	6,718.87	74.18	1.70	-90.50	-319.69	-8,202.63	5,395.85	5,340.15	55.70	96.873		
8,400.00	6,840.00	6,719.47	6,718.47	76.37	1.70	-90.49	-319.69	-8,202.64	5,301.75	5,245.06	56.69	93.523		
8,500.00	6,840.00	6,719.07	6,718.08	78.59	1.70	-90.48	-319.69	-8,202.64	5,207.87	5,150.15	57.72	90.223		
8,600.00	6,840.00	6,718.68	6,717.69	80.85	1.70	-90.46	-319.69	-8,202.64	5,114.22	5,055.42	58.80	86.973		
8,700.00	6,840.00	6,718.29	6,717.30	83.13	1.70	-90.45	-319.69	-8,202.64	5,020.82	4,960.89	59.93	83.777		
8,800.00	6,840.00	6,717.90	6,716.91	85.44	1.70	-90.44	-319.69	-8,202.64	4,927.67	4,866.56	61.11	80.635		
8,900.00	6,840.00	6,717.52	6,716.53	87.77	1.70	-90.43	-319.69	-8,202.64	4,834.80	4,772.46	62.34	77.550		
9,000.00	6,840.00	6,717.14	6,716.15	90.12	1.70	-90.42	-319.69	-8,202.64	4,742.22	4,678.58	63.63	74.523		
9,100.00	6,840.00	6,716.76	6,715.77	92.50	1.70	-90.40	-319.69	-8,202.64	4,649.94	4,584.96	64.98	71.556		
9,200.00	6,840.00	6,716.39	6,715.39	94.89	1.70	-90.39	-319.69	-8,202.65	4,557.99	4,491.60	66.39	68.650		
9,300.00	6,840.00	6,716.01	6,715.02	97.30	1.70	-90.38	-319.69	-8,202.65	4,466.39	4,398.52	67.87	65.807		
9,400.00	6,840.00	6,715.65	6,714.65	99.73	1.70	-90.37	-319.69	-8,202.65	4,375.16	4,305.74	69.42	63.028		
9,500.00	6,840.00	6,715.28	6,714.29	102.17	1.70	-90.36	-319.69	-8,202.65	4,284.31	4,213.28	71.03	60.313		
9,600.00	6,840.00	6,714.92	6,713.92	104.63	1.70	-90.35	-319.69	-8,202.65	4,193.89	4,121.16	72.73	57.665		
9,700.00	6,840.00	6,714.55	6,713.56	107.10	1.70	-90.33	-319.69	-8,202.65	4,103.90	4,029.40	74.50	55.085		
9,800.00	6,840.00	6,714.20	6,713.20	109.58	1.70	-90.32	-319.69	-8,202.65	4,014.39	3,938.04	76.36	52.573		
9,900.00	6,840.00	6,713.84	6,712.85	112.07	1.70	-90.31	-319.68	-8,202.65	3,925.39	3,847.09	78.30	50.130		
10,000.00	6,840.00	6,713.49	6,712.49	114.58	1.70	-90.30	-319.68	-8,202.65	3,836.93	3,756.59	80.34	47.757		
10,100.00	6,840.00	6,713.14	6,712.14	117.09	1.70	-90.29	-319.68	-8,202.66	3,749.05	3,666.57	82.48	45.455		
10,200.00	6,840.00	6,712.79	6,711.80	119.61	1.70	-90.28	-319.68	-8,202.66	3,661.79	3,577.08	84.72	43.224		
10,300.00	6,840.00	6,712.44	6,711.45	122.14	1.70	-90.27	-319.68	-8,202.66	3,575.20	3,488.14	87.06	41.064		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 102-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,712.10	6,711.11	124.68	1.70	-90.26	-319.68	-8,202.66	3,489.33	3,399.80	89.52	38.977		
10,500.00	6,840.00	6,711.76	6,710.77	127.23	1.70	-90.25	-319.68	-8,202.66	3,404.22	3,312.12	92.10	36.963		
10,600.00	6,840.00	6,711.42	6,710.43	129.78	1.70	-90.24	-319.68	-8,202.66	3,319.95	3,225.15	94.80	35.021		
10,700.00	6,840.00	6,711.09	6,710.09	132.35	1.70	-90.22	-319.68	-8,202.66	3,236.57	3,138.94	97.63	33.152		
10,800.00	6,840.00	6,710.75	6,709.76	134.91	1.70	-90.21	-319.68	-8,202.66	3,154.16	3,053.57	100.59	31.355		
10,900.00	6,840.00	6,710.42	6,709.43	137.49	1.70	-90.20	-319.68	-8,202.66	3,072.80	2,969.10	103.70	29.632		
11,000.00	6,840.00	6,710.10	6,709.10	140.07	1.70	-90.19	-319.68	-8,202.67	2,992.56	2,885.61	106.95	27.981		
11,100.00	6,840.00	6,709.77	6,708.78	142.65	1.70	-90.18	-319.68	-8,202.67	2,913.55	2,803.20	110.35	26.404		
11,200.00	6,840.00	6,709.45	6,708.45	145.24	1.70	-90.17	-319.68	-8,202.67	2,835.86	2,721.96	113.90	24.898		
11,300.00	6,840.00	6,709.12	6,708.13	147.83	1.70	-90.16	-319.68	-8,202.67	2,759.61	2,642.00	117.61	23.465		
11,400.00	6,840.00	6,708.80	6,707.81	150.43	1.70	-90.15	-319.68	-8,202.67	2,684.92	2,563.44	121.47	22.103		
11,500.00	6,840.00	6,708.49	6,707.49	153.04	1.70	-90.14	-319.68	-8,202.67	2,611.92	2,486.42	125.50	20.813		
11,600.00	6,840.00	6,708.17	6,707.18	155.64	1.70	-90.13	-319.68	-8,202.67	2,540.76	2,411.08	129.68	19.593		
11,700.00	6,840.00	6,707.86	6,706.87	158.26	1.70	-90.12	-319.68	-8,202.67	2,471.60	2,337.59	134.01	18.444		
11,800.00	6,840.00	6,707.55	6,706.56	160.87	1.70	-90.11	-319.68	-8,202.67	2,404.60	2,266.12	138.48	17.364		
11,900.00	6,840.00	6,707.24	6,706.25	163.49	1.70	-90.10	-319.68	-8,202.67	2,339.97	2,196.88	143.09	16.353		
12,000.00	6,840.00	6,706.94	6,705.94	166.11	1.70	-90.09	-319.68	-8,202.67	2,277.89	2,130.08	147.81	15.411		
12,100.00	6,840.00	6,706.63	6,705.64	168.74	1.70	-90.08	-319.68	-8,202.68	2,218.59	2,065.96	152.63	14.536		
12,200.00	6,840.00	6,706.33	6,705.34	171.37	1.70	-90.07	-319.68	-8,202.68	2,162.28	2,004.77	157.51	13.728		
12,300.00	6,840.00	6,706.03	6,705.04	174.00	1.70	-90.06	-319.68	-8,202.68	2,109.22	1,946.79	162.43	12.985		
12,400.00	6,840.00	6,705.73	6,704.74	176.63	1.70	-90.06	-319.68	-8,202.68	2,059.64	1,892.31	167.34	12.308		
12,500.00	6,840.00	6,705.44	6,704.44	179.27	1.70	-90.05	-319.68	-8,202.68	2,013.82	1,841.63	172.19	11.695		
12,600.00	6,840.00	6,705.16	6,704.16	181.91	1.70	-90.04	-319.68	-8,202.68	1,972.00	1,795.07	176.93	11.146		
12,700.00	6,840.00	6,704.88	6,703.89	184.55	1.70	-90.03	-319.68	-8,202.68	1,934.46	1,752.96	181.50	10.658		
12,800.00	6,840.00	6,704.61	6,703.62	187.19	1.70	-90.02	-319.68	-8,202.68	1,901.44	1,715.61	185.83	10.232		
12,900.00	6,840.00	6,704.34	6,703.34	189.84	1.70	-90.01	-319.68	-8,202.68	1,873.18	1,683.33	189.85	9.867		
13,000.00	6,840.00	6,704.06	6,703.07	192.48	1.70	-90.00	-319.68	-8,202.68	1,849.90	1,656.40	193.50	9.560		
13,100.00	6,840.00	6,703.79	6,702.79	195.13	1.70	-89.99	-319.68	-8,202.68	1,831.80	1,635.09	196.71	9.312		
13,200.00	6,840.00	6,703.51	6,702.52	197.79	1.70	-89.98	-319.68	-8,202.69	1,819.01	1,619.59	199.42	9.121		
13,300.00	6,840.00	6,703.23	6,702.24	200.44	1.70	-89.98	-319.68	-8,202.69	1,811.67	1,610.08	201.59	8.987		
13,383.33	6,840.00	6,703.01	6,702.01	202.65	1.70	-89.97	-319.68	-8,202.69	1,809.75	1,606.79	202.96	8.917 CC		
13,400.00	6,840.00	6,702.96	6,701.97	203.10	1.70	-89.97	-319.68	-8,202.69	1,809.83	1,606.65	203.18	8.908 ES		
13,500.00	6,840.00	6,702.68	6,701.69	205.75	1.70	-89.96	-319.68	-8,202.69	1,813.51	1,609.33	204.17	8.882 SF		
13,600.00	6,840.00	6,702.41	6,701.41	208.41	1.70	-89.95	-319.68	-8,202.69	1,822.67	1,618.10	204.57	8.910		
13,700.00	6,840.00	6,702.13	6,701.14	211.07	1.70	-89.94	-319.68	-8,202.69	1,837.25	1,632.86	204.39	8.989		
13,800.00	6,840.00	6,701.85	6,700.86	213.74	1.70	-89.93	-319.68	-8,202.69	1,857.10	1,653.45	203.65	9.119		
13,900.00	6,840.00	6,701.58	6,700.58	216.40	1.70	-89.92	-319.68	-8,202.69	1,882.06	1,679.66	202.39	9.299		
14,000.00	6,840.00	6,701.30	6,700.31	219.06	1.70	-89.91	-319.68	-8,202.69	1,911.93	1,711.25	200.68	9.527		
14,100.00	6,840.00	6,701.02	6,700.03	221.73	1.70	-89.91	-319.68	-8,202.69	1,946.48	1,747.93	198.56	9.803		
14,200.00	6,840.00	6,700.74	6,699.75	224.40	1.70	-89.90	-319.68	-8,202.69	1,985.48	1,789.39	196.09	10.125		
14,300.00	6,840.00	6,700.47	6,699.47	227.07	1.70	-89.89	-319.68	-8,202.69	2,028.66	1,835.32	193.34	10.493		
14,400.00	6,840.00	6,700.19	6,699.19	229.74	1.70	-89.88	-319.68	-8,202.69	2,075.76	1,885.41	190.36	10.905		
14,500.00	6,840.00	6,699.91	6,698.91	232.41	1.70	-89.87	-319.68	-8,202.69	2,126.53	1,939.32	187.21	11.359		
14,600.00	6,840.00	6,699.63	6,698.64	235.08	1.70	-89.86	-319.68	-8,202.70	2,180.70	1,996.77	183.93	11.856		
14,700.00	6,840.00	6,699.35	6,698.36	237.75	1.70	-89.85	-319.68	-8,202.70	2,238.03	2,057.46	180.57	12.394		
14,800.00	6,840.00	6,699.07	6,698.08	240.43	1.70	-89.84	-319.68	-8,202.70	2,298.29	2,121.11	177.18	12.972		
14,900.00	6,840.00	6,698.79	6,697.80	243.10	1.70	-89.84	-319.68	-8,202.70	2,361.24	2,187.47	173.77	13.589		
15,000.00	6,840.00	6,698.51	6,697.52	245.78	1.70	-89.83	-319.67	-8,202.70	2,426.68	2,256.31	170.37	14.243		
15,100.00	6,840.00	6,698.23	6,697.24	248.46	1.70	-89.82	-319.67	-8,202.70	2,494.42	2,327.40	167.02	14.935		
15,200.00	6,840.00	6,697.95	6,696.96	251.14	1.70	-89.81	-319.67	-8,202.70	2,564.26	2,400.54	163.72	15.662		
15,300.00	6,840.00	6,697.67	6,696.67	253.82	1.70	-89.80	-319.67	-8,202.70	2,636.05	2,475.56	160.49	16.425		
15,400.00	6,840.00	6,697.39	6,696.39	256.50	1.70	-89.79	-319.67	-8,202.70	2,709.63	2,552.29	157.34	17.222		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 102-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,697.11	6,696.11	259.18	1.70	-89.78	-319.67	-8,202.70	2,784.86	2,630.59	154.27	18.052		
15,600.00	6,840.00	6,696.82	6,695.83	261.86	1.70	-89.77	-319.67	-8,202.70	2,861.60	2,710.30	151.30	18.913		
15,700.00	6,840.00	6,696.54	6,695.55	264.54	1.70	-89.76	-319.67	-8,202.70	2,939.74	2,791.32	148.42	19.807		
15,800.00	6,840.00	6,696.26	6,695.27	267.23	1.70	-89.76	-319.67	-8,202.70	3,019.18	2,873.54	145.64	20.730		
15,900.00	6,840.00	6,695.98	6,694.98	269.91	1.70	-89.75	-319.67	-8,202.71	3,099.80	2,956.84	142.96	21.684		
16,000.00	6,840.00	6,695.69	6,694.70	272.59	1.70	-89.74	-319.67	-8,202.71	3,181.52	3,041.15	140.37	22.665		
16,100.00	6,840.00	6,695.41	6,694.42	275.28	1.70	-89.73	-319.67	-8,202.71	3,264.26	3,126.39	137.88	23.675		
16,200.00	6,840.00	6,695.13	6,694.13	277.97	1.70	-89.72	-319.67	-8,202.71	3,347.95	3,212.47	135.48	24.712		
16,300.00	6,840.00	6,694.84	6,693.85	280.65	1.69	-89.71	-319.67	-8,202.71	3,432.50	3,299.33	133.17	25.775		
16,400.00	6,840.00	6,694.56	6,693.57	283.34	1.69	-89.70	-319.67	-8,202.71	3,517.87	3,386.92	130.95	26.863		
16,500.00	6,840.00	6,694.27	6,693.28	286.03	1.69	-89.69	-319.67	-8,202.71	3,603.99	3,475.17	128.82	27.977		
16,600.00	6,840.00	6,693.99	6,693.00	288.72	1.69	-89.68	-319.67	-8,202.71	3,690.81	3,564.04	126.77	29.114		
16,700.00	6,840.00	6,693.71	6,692.71	291.41	1.69	-89.67	-319.67	-8,202.71	3,778.28	3,653.48	124.80	30.274		
16,800.00	6,840.00	6,693.42	6,692.43	294.10	1.69	-89.67	-319.67	-8,202.71	3,866.36	3,743.45	122.91	31.457		
16,900.00	6,840.00	6,693.13	6,692.14	296.79	1.69	-89.66	-319.67	-8,202.71	3,955.00	3,833.91	121.09	32.661		
17,000.00	6,840.00	6,692.85	6,691.86	299.48	1.69	-89.65	-319.67	-8,202.71	4,044.18	3,924.83	119.34	33.887		
17,100.00	6,840.00	6,692.56	6,691.57	302.17	1.69	-89.64	-319.67	-8,202.72	4,133.85	4,016.18	117.66	35.133		
17,200.00	6,840.00	6,692.28	6,691.28	304.86	1.69	-89.63	-319.67	-8,202.72	4,223.98	4,107.93	116.05	36.399		
17,300.00	6,840.00	6,691.99	6,691.00	307.56	1.69	-89.62	-319.67	-8,202.72	4,314.55	4,200.06	114.49	37.683		
17,400.00	6,840.00	6,691.70	6,690.71	310.25	1.69	-89.61	-319.67	-8,202.72	4,405.53	4,292.53	113.00	38.987		
17,500.00	6,840.00	6,691.42	6,690.42	312.94	1.69	-89.60	-319.67	-8,202.72	4,496.89	4,385.33	111.56	40.308		
17,600.00	6,840.00	6,691.13	6,690.13	315.64	1.69	-89.59	-319.67	-8,202.72	4,588.61	4,478.43	110.18	41.646		
17,700.00	6,840.00	6,690.84	6,689.85	318.33	1.69	-89.58	-319.67	-8,202.72	4,680.67	4,571.82	108.85	43.002		
17,800.00	6,840.00	6,690.55	6,689.56	321.03	1.69	-89.57	-319.67	-8,202.72	4,773.05	4,665.48	107.57	44.373		
17,900.00	6,840.00	6,690.26	6,689.27	323.72	1.69	-89.57	-319.67	-8,202.72	4,865.73	4,759.40	106.33	45.760		
18,000.00	6,840.00	6,689.98	6,688.98	326.42	1.69	-89.56	-319.67	-8,202.72	4,958.69	4,853.55	105.14	47.161		
18,100.00	6,840.00	6,689.69	6,688.69	329.11	1.69	-89.55	-319.67	-8,202.72	5,051.93	4,947.93	104.00	48.578		
18,200.00	6,840.00	6,689.40	6,688.40	331.81	1.69	-89.54	-319.67	-8,202.72	5,145.41	5,042.52	102.89	50.008		
18,300.00	6,840.00	6,689.11	6,688.11	334.51	1.69	-89.53	-319.67	-8,202.72	5,239.14	5,137.32	101.83	51.451		
18,400.00	6,840.00	6,688.82	6,687.82	337.20	1.69	-89.52	-319.67	-8,202.73	5,333.10	5,232.30	100.80	52.908		
18,500.00	6,840.00	6,688.53	6,687.53	339.90	1.69	-89.51	-319.67	-8,202.73	5,427.27	5,327.46	99.81	54.377		
18,600.00	6,840.00	6,688.24	6,687.24	342.60	1.69	-89.50	-319.67	-8,202.73	5,521.65	5,422.80	98.85	55.858		
18,700.00	6,840.00	6,687.95	6,686.95	345.30	1.69	-89.49	-319.67	-8,202.73	5,616.22	5,518.29	97.93	57.350		
18,800.00	6,840.00	6,687.66	6,686.66	348.00	1.69	-89.48	-319.67	-8,202.73	5,710.98	5,613.94	97.04	58.854		
18,900.00	6,840.00	6,687.37	6,686.37	350.70	1.69	-89.47	-319.67	-8,202.73	5,805.91	5,709.73	96.18	60.368		
19,000.00	6,840.00	6,687.07	6,686.08	353.39	1.69	-89.46	-319.67	-8,202.73	5,901.01	5,805.67	95.34	61.892		
19,100.00	6,840.00	6,686.78	6,685.79	356.09	1.69	-89.46	-319.67	-8,202.73	5,996.27	5,901.73	94.54	63.427		
19,200.00	6,840.00	6,686.49	6,685.50	358.79	1.69	-89.45	-319.67	-8,202.73	6,091.68	5,997.92	93.76	64.970		
19,300.00	6,840.00	6,686.20	6,685.20	361.49	1.69	-89.44	-319.67	-8,202.73	6,187.23	6,094.22	93.01	66.523		
19,400.00	6,840.00	6,685.90	6,684.91	364.20	1.69	-89.43	-319.67	-8,202.73	6,282.93	6,190.65	92.28	68.084		
19,500.00	6,840.00	6,685.61	6,684.62	366.90	1.69	-89.42	-319.67	-8,202.73	6,378.76	6,287.18	91.58	69.653		
19,600.00	6,840.00	6,685.32	6,684.32	369.60	1.69	-89.41	-319.67	-8,202.74	6,474.71	6,383.81	90.90	71.230		
19,700.00	6,840.00	6,685.02	6,684.03	372.30	1.69	-89.40	-319.67	-8,202.74	6,570.78	6,480.54	90.24	72.814		
19,800.00	6,840.00	6,684.73	6,683.74	375.00	1.69	-89.39	-319.67	-8,202.74	6,666.97	6,577.37	89.60	74.406		
19,900.00	6,840.00	6,684.44	6,683.44	377.70	1.69	-89.38	-319.67	-8,202.74	6,763.27	6,674.28	88.99	76.004		
20,000.00	6,840.00	6,684.14	6,683.15	380.40	1.69	-89.37	-319.67	-8,202.74	6,859.67	6,771.29	88.39	77.609		
20,100.00	6,840.00	6,683.85	6,682.85	383.11	1.69	-89.36	-319.67	-8,202.74	6,956.18	6,868.37	87.81	79.220		
20,200.00	6,840.00	6,683.55	6,682.56	385.81	1.69	-89.35	-319.67	-8,202.74	7,052.79	6,965.54	87.25	80.837		
20,300.00	6,840.00	6,683.26	6,682.26	388.51	1.69	-89.34	-319.66	-8,202.74	7,149.48	7,062.78	86.70	82.459		
20,400.00	6,840.00	6,682.96	6,681.97	391.22	1.69	-89.33	-319.66	-8,202.74	7,246.27	7,160.09	86.18	84.086		
20,500.00	6,840.00	6,682.67	6,681.67	393.92	1.69	-89.32	-319.66	-8,202.74	7,343.14	7,257.48	85.67	85.719		
20,539.70	6,840.00	6,682.55	6,681.55	394.99	1.69	-89.32	-319.66	-8,202.74	7,381.62	7,296.15	85.47	86.368		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-91.35	-224.41	-9,503.58	9,507.27					
100.00	100.00	0.00	0.00	0.13	0.00	-91.35	-224.41	-9,503.58	9,506.31	9,506.18	0.13	N/A		
200.00	200.00	129.36	129.36	0.49	0.15	-91.35	-223.96	-9,502.94	9,505.84	9,505.20	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-91.35	-223.70	-9,502.50	9,505.22	9,504.13	1.09	8,729.751		
400.00	400.00	259.46	259.45	1.21	0.24	-91.35	-223.62	-9,502.35	9,504.98	9,503.53	1.45	6,564.203		
401.02	401.02	260.02	260.02	1.21	0.24	-91.35	-223.62	-9,502.35	9,504.98	9,503.53	1.45	6,547.682		
500.00	500.00	333.55	333.55	1.57	0.26	-91.35	-223.68	-9,502.52	9,505.18	9,503.36	1.83	5,204.857		
600.00	599.98	445.00	444.99	1.92	0.33	-36.76	-224.11	-9,502.70	9,503.95	9,501.70	2.25	4,225.213		
700.00	699.84	533.30	533.29	2.28	0.38	-36.83	-224.49	-9,502.85	9,499.95	9,497.29	2.66	3,572.691		
800.00	799.45	616.99	616.98	2.65	0.43	-36.94	-224.88	-9,503.16	9,493.34	9,490.28	3.06	3,098.971		
900.00	898.70	729.58	729.57	3.02	0.49	-37.10	-225.48	-9,503.56	9,483.95	9,480.47	3.48	2,722.187		
1,000.00	997.47	837.49	837.47	3.42	0.54	-37.32	-225.89	-9,503.81	9,471.67	9,467.77	3.91	2,425.057		
1,100.00	1,095.62	927.80	927.79	3.84	0.58	-37.57	-226.24	-9,503.98	9,456.63	9,452.30	4.33	2,185.705		
1,200.00	1,193.06	1,000.26	1,000.25	4.30	0.61	-37.85	-226.51	-9,504.27	9,439.07	9,434.32	4.75	1,986.711		
1,300.00	1,289.64	1,094.55	1,094.53	4.79	0.65	-38.20	-226.69	-9,504.80	9,418.98	9,413.78	5.20	1,811.117		
1,400.00	1,385.27	1,175.46	1,175.44	5.33	0.68	-38.58	-226.69	-9,505.32	9,396.32	9,390.65	5.67	1,658.262		
1,500.00	1,479.82	1,277.25	1,277.23	5.92	0.72	-39.04	-226.60	-9,506.07	9,371.12	9,364.96	6.16	1,520.879		
1,600.00	1,573.17	1,376.72	1,376.70	6.56	0.75	-39.55	-226.41	-9,506.69	9,343.25	9,336.57	6.68	1,398.500		
1,700.00	1,665.22	1,448.83	1,448.80	7.26	0.78	-40.02	-226.28	-9,507.17	9,312.92	9,305.70	7.22	1,289.725		
1,800.00	1,756.74	1,525.20	1,525.18	7.99	0.81	-40.15	-226.04	-9,507.91	9,281.92	9,274.14	7.78	1,193.771		
1,900.00	1,848.26	1,631.08	1,631.05	8.75	0.84	-40.32	-225.65	-9,508.83	9,250.89	9,242.53	8.35	1,107.516		
2,000.00	1,939.78	1,711.59	1,711.55	9.51	0.87	-40.46	-225.32	-9,509.56	9,219.96	9,211.03	8.93	1,031.993		
2,100.00	2,031.30	1,797.97	1,797.92	10.29	0.90	-40.60	-224.84	-9,510.43	9,189.18	9,179.65	9.53	964.573		
2,200.00	2,122.82	1,940.59	1,940.54	11.07	0.94	-40.84	-223.70	-9,511.50	9,158.21	9,148.08	10.14	903.542		
2,300.00	2,214.34	2,300.00	2,077.91	11.86	1.02	-41.07	-221.99	-9,511.78	9,126.75	9,115.96	10.79	845.905		
2,400.00	2,305.85	2,180.21	2,180.14	12.66	0.99	-41.24	-220.53	-9,511.63	9,095.05	9,083.71	11.34	801.741		
2,500.00	2,397.37	2,244.82	2,244.74	13.46	1.01	-41.35	-219.67	-9,511.65	9,063.61	9,051.66	11.95	758.358		
2,600.00	2,488.89	2,300.00	2,299.92	14.26	1.02	-41.44	-218.97	-9,511.85	9,032.54	9,019.97	12.56	718.870		
2,700.00	2,580.41	2,357.99	2,357.90	15.07	1.04	-41.54	-218.32	-9,512.28	9,001.89	8,988.70	13.19	682.654		
2,800.00	2,671.93	2,417.85	2,417.75	15.88	1.06	-41.64	-217.77	-9,513.00	8,971.71	8,957.89	13.81	649.440		
2,900.00	2,763.45	2,506.59	2,506.48	16.69	1.08	-41.80	-216.97	-9,514.20	8,941.75	8,927.30	14.45	618.670		
3,000.00	2,854.97	2,612.31	2,612.19	17.51	1.12	-41.98	-216.03	-9,515.56	8,911.80	8,896.71	15.10	590.270		
3,100.00	2,946.49	2,719.87	2,719.74	18.32	1.15	-42.17	-215.13	-9,516.80	8,881.81	8,866.07	15.75	564.080		
3,200.00	3,038.00	2,888.45	2,888.31	19.14	1.20	-42.48	-214.06	-9,517.80	8,851.40	8,835.01	16.40	539.878		
3,300.00	3,129.52	3,014.24	3,014.10	19.96	1.23	-42.71	-213.58	-9,517.73	8,820.47	8,803.44	17.03	517.871		
3,400.00	3,221.04	3,151.17	3,151.03	20.77	1.24	-42.96	-212.97	-9,516.93	8,789.10	8,771.44	17.66	497.662		
3,500.00	3,312.56	3,270.06	3,269.91	21.59	1.26	-43.18	-212.31	-9,515.88	8,757.57	8,739.27	18.30	478.683		
3,600.00	3,404.08	3,600.00	3,466.93	22.42	1.30	-43.55	-210.26	-9,512.59	8,725.31	8,706.38	18.93	460.941		
3,700.00	3,495.60	3,642.68	3,642.39	23.24	1.30	-43.87	-207.35	-9,507.55	8,691.86	8,672.31	19.55	444.705		
3,800.00	3,587.12	3,725.08	3,724.73	24.06	1.32	-44.02	-205.62	-9,505.02	8,658.41	8,638.22	20.20	428.719		
3,900.00	3,678.63	3,809.33	3,808.93	24.88	1.33	-44.18	-204.13	-9,502.47	8,625.12	8,604.27	20.85	413.664		
4,000.00	3,770.15	3,896.72	3,896.27	25.71	1.34	-44.35	-202.84	-9,499.86	8,591.95	8,570.44	21.51	399.470		
4,100.00	3,861.67	3,981.82	3,981.32	26.53	1.35	-44.51	-201.68	-9,497.34	8,558.91	8,536.74	22.17	386.045		
4,200.00	3,953.19	4,049.76	4,049.24	27.35	1.36	-44.65	-200.92	-9,495.42	8,526.07	8,503.23	22.84	373.275		
4,300.00	4,044.71	4,124.93	4,124.38	28.18	1.37	-44.80	-200.48	-9,493.48	8,493.60	8,470.08	23.51	361.208		
4,400.00	4,136.23	4,237.77	4,237.17	29.01	1.39	-45.02	-199.76	-9,490.44	8,461.09	8,436.91	24.18	349.884		
4,500.00	4,227.75	4,344.65	4,344.01	29.83	1.41	-45.24	-198.98	-9,487.37	8,428.51	8,403.66	24.86	339.098		
4,600.00	4,319.27	4,439.28	4,438.60	30.66	1.42	-45.43	-198.22	-9,484.47	8,395.83	8,370.29	25.54	328.789		
4,700.00	4,410.78	4,524.61	4,523.88	31.48	1.43	-45.61	-197.78	-9,481.94	8,363.35	8,337.13	26.22	318.943		
4,800.00	4,502.30	4,625.12	4,624.35	32.31	1.45	-45.82	-197.25	-9,478.75	8,330.76	8,303.85	26.91	309.596		
4,900.00	4,593.82	4,678.81	4,678.01	33.14	1.46	-45.93	-196.72	-9,477.23	8,298.53	8,270.92	27.61	300.559		
5,000.00	4,685.34	4,729.68	4,728.86	33.96	1.47	-46.03	-195.98	-9,476.05	8,266.80	8,238.48	28.32	291.948		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,778.76	4,777.92	34.79	1.48	-46.13	-195.18	-9,475.18	8,235.61	8,206.59	29.03	283.731		
5,200.00	4,868.38	4,848.41	4,847.56	35.62	1.50	-46.27	-193.92	-9,474.29	8,204.92	8,175.18	29.73	275.946		
5,300.00	4,959.90	4,935.16	4,934.29	36.45	1.52	-46.45	-192.33	-9,473.26	8,174.41	8,143.97	30.44	268.544		
5,400.00	5,051.41	5,023.03	5,022.13	37.27	1.54	-46.63	-190.60	-9,472.27	8,144.02	8,112.87	31.15	261.459		
5,500.00	5,142.93	5,106.42	5,105.50	38.10	1.56	-46.80	-189.07	-9,471.38	8,113.79	8,081.92	31.86	254.654		
5,600.00	5,234.45	5,181.99	5,181.06	38.93	1.58	-46.95	-187.82	-9,470.67	8,083.78	8,051.20	32.58	248.108		
5,700.00	5,325.97	5,254.89	5,253.95	39.76	1.60	-47.11	-186.74	-9,470.12	8,054.06	8,020.75	33.31	241.821		
5,800.00	5,417.49	5,327.34	5,326.40	40.59	1.62	-47.26	-185.90	-9,469.72	8,024.64	7,990.61	34.03	235.783		
5,900.00	5,509.01	5,400.00	5,399.05	41.42	1.64	-47.42	-185.12	-9,469.47	7,995.54	7,960.77	34.77	229.986		
6,000.00	5,600.53	5,474.40	5,473.45	42.25	1.66	-47.58	-184.31	-9,469.39	7,966.73	7,931.24	35.50	224.425		
6,100.00	5,692.04	5,590.21	5,589.25	43.07	1.69	-47.83	-183.13	-9,469.29	7,938.07	7,901.85	36.22	219.163		
6,200.00	5,783.56	5,723.44	5,722.47	43.90	1.72	-48.12	-182.05	-9,468.43	7,909.01	7,872.07	36.94	214.097		
6,300.00	5,875.08	5,822.84	5,821.87	44.73	1.74	-48.35	-181.36	-9,467.46	7,879.77	7,842.09	37.68	209.125		
6,400.00	5,966.60	5,908.64	5,907.66	45.56	1.76	-48.54	-180.61	-9,466.67	7,850.66	7,812.23	38.43	204.306		
6,500.00	6,058.12	6,009.48	6,008.49	46.39	1.79	-48.77	-179.77	-9,465.69	7,821.61	7,782.44	39.17	199.680		
6,600.00	6,149.64	6,086.41	6,085.41	47.22	1.81	-48.94	-179.33	-9,464.94	7,792.71	7,752.78	39.93	195.165		
6,700.00	6,241.16	6,164.31	6,163.31	48.05	1.82	-49.13	-178.98	-9,464.29	7,764.06	7,723.37	40.69	190.811		
6,800.00	6,332.68	6,246.69	6,245.69	48.88	1.84	-49.32	-178.43	-9,463.78	7,735.67	7,694.22	41.45	186.616		
6,900.00	6,424.19	6,326.97	6,325.96	49.71	1.87	-49.50	-177.92	-9,463.35	7,707.47	7,665.25	42.22	182.558		
7,000.00	6,514.88	6,400.00	6,398.99	50.58	1.89	-49.93	-177.63	-9,463.10	7,677.35	7,634.35	43.01	178.522		
7,100.00	6,599.14	6,488.35	6,487.35	51.67	1.91	-37.98	-177.34	-9,462.86	7,633.46	7,589.61	43.85	174.082		
7,200.00	6,673.85	6,549.68	6,548.68	53.01	1.93	-35.83	-177.12	-9,462.71	7,575.21	7,530.47	44.74	169.328		
7,300.00	6,736.73	6,600.00	6,598.99	54.56	1.94	-36.52	-177.04	-9,462.66	7,504.47	7,458.85	45.62	164.482		
7,400.00	6,785.87	6,716.61	6,715.60	56.29	1.96	-41.10	-176.91	-9,462.11	7,423.09	7,376.65	46.43	159.861		
7,500.00	6,819.79	6,732.33	6,731.32	58.13	1.96	-50.59	-176.91	-9,462.01	7,333.64	7,286.42	47.22	155.315		
7,600.00	6,837.44	6,746.08	6,745.07	60.02	1.97	-71.85	-176.91	-9,461.91	7,238.96	7,191.07	47.89	151.153		
7,700.00	6,840.00	6,747.60	6,746.59	61.90	1.97	-91.63	-176.91	-9,461.90	7,141.92	7,093.46	48.45	147.394		
7,800.00	6,840.00	6,747.03	6,746.02	63.83	1.97	-91.61	-176.91	-9,461.91	7,044.74	6,995.73	49.01	143.728		
7,900.00	6,840.00	6,746.46	6,745.45	65.81	1.97	-91.59	-176.91	-9,461.91	6,947.64	6,898.05	49.60	140.087		
8,000.00	6,840.00	6,745.89	6,744.88	67.84	1.97	-91.57	-176.91	-9,461.91	6,850.63	6,800.43	50.20	136.470		
8,100.00	6,840.00	6,745.32	6,744.31	69.91	1.97	-91.55	-176.91	-9,461.92	6,753.70	6,702.87	50.83	132.880		
8,200.00	6,840.00	6,744.74	6,743.73	72.03	1.97	-91.53	-176.91	-9,461.92	6,656.86	6,605.39	51.48	129.318		
8,300.00	6,840.00	6,744.16	6,743.15	74.18	1.97	-91.51	-176.91	-9,461.93	6,560.12	6,507.97	52.15	125.785		
8,400.00	6,840.00	6,743.58	6,742.57	76.37	1.97	-91.49	-176.91	-9,461.93	6,463.48	6,410.62	52.86	122.284		
8,500.00	6,840.00	6,743.00	6,741.99	78.59	1.97	-91.47	-176.91	-9,461.93	6,366.94	6,313.35	53.59	118.815		
8,600.00	6,840.00	6,742.42	6,741.41	80.85	1.97	-91.45	-176.91	-9,461.94	6,270.51	6,216.16	54.35	115.381		
8,700.00	6,840.00	6,741.83	6,740.82	83.13	1.97	-91.43	-176.91	-9,461.94	6,174.19	6,119.06	55.14	111.982		
8,800.00	6,840.00	6,741.24	6,740.23	85.44	1.97	-91.41	-176.91	-9,461.95	6,077.99	6,022.04	55.96	108.620		
8,900.00	6,840.00	6,740.65	6,739.64	87.77	1.96	-91.39	-176.91	-9,461.95	5,981.92	5,925.11	56.81	105.297		
9,000.00	6,840.00	6,740.06	6,739.05	90.12	1.96	-91.37	-176.91	-9,461.96	5,885.98	5,828.28	57.70	102.014		
9,100.00	6,840.00	6,739.46	6,738.45	92.50	1.96	-91.35	-176.91	-9,461.96	5,790.17	5,731.55	58.62	98.772		
9,200.00	6,840.00	6,738.86	6,737.85	94.89	1.96	-91.33	-176.91	-9,461.96	5,694.51	5,634.93	59.58	95.573		
9,300.00	6,840.00	6,738.26	6,737.25	97.30	1.96	-91.31	-176.91	-9,461.97	5,599.00	5,538.41	60.58	92.419		
9,400.00	6,840.00	6,737.66	6,736.65	99.73	1.96	-91.29	-176.91	-9,461.97	5,503.65	5,442.02	61.62	89.310		
9,500.00	6,840.00	6,737.05	6,736.04	102.17	1.96	-91.27	-176.91	-9,461.98	5,408.46	5,345.76	62.71	86.247		
9,600.00	6,840.00	6,736.45	6,735.44	104.63	1.96	-91.25	-176.91	-9,461.98	5,313.46	5,249.62	63.84	83.233		
9,700.00	6,840.00	6,735.84	6,734.83	107.10	1.96	-91.23	-176.91	-9,461.99	5,218.64	5,153.62	65.02	80.268		
9,800.00	6,840.00	6,735.23	6,734.22	109.58	1.96	-91.21	-176.91	-9,461.99	5,124.02	5,057.77	66.24	77.353		
9,900.00	6,840.00	6,734.61	6,733.60	112.07	1.96	-91.19	-176.91	-9,461.99	5,029.60	4,962.08	67.52	74.489		
10,000.00	6,840.00	6,733.99	6,732.98	114.58	1.96	-91.16	-176.91	-9,462.00	4,935.41	4,866.55	68.85	71.678		
10,100.00	6,840.00	6,733.37	6,732.36	117.09	1.96	-91.14	-176.91	-9,462.00	4,841.44	4,771.20	70.25	68.921		
10,200.00	6,840.00	6,732.75	6,731.74	119.61	1.96	-91.12	-176.91	-9,462.01	4,747.73	4,676.03	71.70	66.218		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,732.13	6,731.12	122.14	1.96	-91.10	-176.91	-9,462.01	4,654.27	4,581.06	73.21	63.571		
10,400.00	6,840.00	6,731.50	6,730.49	124.68	1.96	-91.08	-176.91	-9,462.02	4,561.10	4,486.30	74.80	60.980		
10,500.00	6,840.00	6,730.87	6,729.86	127.23	1.96	-91.06	-176.91	-9,462.02	4,468.22	4,391.77	76.45	58.446		
10,600.00	6,840.00	6,730.24	6,729.23	129.78	1.96	-91.04	-176.91	-9,462.03	4,375.65	4,297.47	78.18	55.970		
10,700.00	6,840.00	6,729.60	6,728.60	132.35	1.96	-91.01	-176.91	-9,462.03	4,283.42	4,203.43	79.99	53.552		
10,800.00	6,840.00	6,728.97	6,727.96	134.91	1.96	-90.99	-176.91	-9,462.04	4,191.54	4,109.66	81.88	51.194		
10,900.00	6,840.00	6,728.33	6,727.32	137.49	1.96	-90.97	-176.91	-9,462.04	4,100.04	4,016.19	83.85	48.896		
11,000.00	6,840.00	6,727.69	6,726.68	140.07	1.96	-90.95	-176.91	-9,462.05	4,008.95	3,923.03	85.92	46.658		
11,100.00	6,840.00	6,727.04	6,726.03	142.65	1.96	-90.93	-176.91	-9,462.05	3,918.29	3,830.20	88.09	44.482		
11,200.00	6,840.00	6,726.39	6,725.38	145.24	1.96	-90.90	-176.91	-9,462.05	3,828.10	3,737.74	90.36	42.366		
11,300.00	6,840.00	6,725.74	6,724.73	147.83	1.96	-90.88	-176.91	-9,462.06	3,738.41	3,645.67	92.73	40.313		
11,400.00	6,840.00	6,725.09	6,724.08	150.43	1.96	-90.86	-176.91	-9,462.06	3,649.25	3,554.02	95.23	38.322		
11,500.00	6,840.00	6,724.44	6,723.43	153.04	1.96	-90.84	-176.91	-9,462.07	3,560.67	3,462.83	97.84	36.393		
11,600.00	6,840.00	6,723.78	6,722.77	155.64	1.96	-90.81	-176.91	-9,462.07	3,472.71	3,372.13	100.58	34.527		
11,700.00	6,840.00	6,723.12	6,722.11	158.26	1.96	-90.79	-176.91	-9,462.08	3,385.41	3,281.96	103.45	32.724		
11,800.00	6,840.00	6,722.45	6,721.44	160.87	1.96	-90.77	-176.91	-9,462.08	3,298.84	3,192.37	106.47	30.984		
11,900.00	6,840.00	6,721.79	6,720.78	163.49	1.96	-90.75	-176.91	-9,462.09	3,213.05	3,103.41	109.64	29.307		
12,000.00	6,840.00	6,721.12	6,720.11	166.11	1.96	-90.72	-176.91	-9,462.09	3,128.10	3,015.14	112.96	27.693		
12,100.00	6,840.00	6,720.45	6,719.44	168.74	1.96	-90.70	-176.91	-9,462.10	3,044.07	2,927.63	116.44	26.143		
12,200.00	6,840.00	6,719.77	6,718.76	171.37	1.96	-90.68	-176.91	-9,462.10	2,961.03	2,840.93	120.10	24.655		
12,300.00	6,840.00	6,719.10	6,718.09	174.00	1.96	-90.65	-176.91	-9,462.11	2,879.06	2,755.13	123.93	23.231		
12,400.00	6,840.00	6,718.42	6,717.41	176.63	1.96	-90.63	-176.92	-9,462.11	2,798.27	2,670.32	127.95	21.870		
12,500.00	6,840.00	6,717.73	6,716.72	179.27	1.96	-90.61	-176.92	-9,462.12	2,718.76	2,586.59	132.16	20.571		
12,600.00	6,840.00	6,717.05	6,716.04	181.91	1.96	-90.58	-176.92	-9,462.13	2,640.64	2,504.06	136.57	19.335		
12,700.00	6,840.00	6,716.36	6,715.35	184.55	1.96	-90.56	-176.92	-9,462.13	2,564.04	2,422.85	141.18	18.161		
12,800.00	6,840.00	6,715.67	6,714.66	187.19	1.96	-90.54	-176.92	-9,462.14	2,489.10	2,343.10	146.00	17.049		
12,900.00	6,840.00	6,719.62	6,718.61	189.84	1.96	-90.67	-176.90	-9,462.09	2,415.96	2,264.95	151.01	15.999		
13,000.00	6,840.00	6,718.49	6,717.48	192.48	1.96	-90.63	-176.91	-9,462.10	2,344.82	2,188.60	156.22	15.010		
13,100.00	6,840.00	6,717.38	6,716.37	195.13	1.96	-90.60	-176.91	-9,462.11	2,275.85	2,114.23	161.62	14.081		
13,200.00	6,840.00	6,716.30	6,715.29	197.79	1.96	-90.56	-176.91	-9,462.12	2,209.26	2,042.06	167.20	13.213		
13,300.00	6,840.00	6,715.23	6,714.22	200.44	1.96	-90.52	-176.91	-9,462.13	2,145.27	1,972.33	172.94	12.405		
13,400.00	6,840.00	6,714.18	6,713.17	203.10	1.96	-90.49	-176.91	-9,462.14	2,084.10	1,905.31	178.80	11.656		
13,500.00	6,840.00	6,713.15	6,712.14	205.75	1.96	-90.45	-176.92	-9,462.15	2,026.03	1,841.28	184.75	10.966		
13,600.00	6,840.00	6,712.14	6,711.13	208.41	1.96	-90.42	-176.92	-9,462.16	1,971.33	1,780.57	190.75	10.335		
13,700.00	6,840.00	6,711.15	6,710.14	211.07	1.96	-90.38	-176.92	-9,462.16	1,920.27	1,723.53	196.74	9.760		
13,800.00	6,840.00	6,710.18	6,709.17	213.74	1.96	-90.35	-176.92	-9,462.17	1,873.17	1,670.52	202.65	9.243		
13,900.00	6,840.00	6,709.22	6,708.21	216.40	1.96	-90.32	-176.92	-9,462.18	1,830.32	1,621.92	208.40	8.783		
14,000.00	6,840.00	6,708.28	6,707.27	219.06	1.96	-90.28	-176.92	-9,462.19	1,792.03	1,578.13	213.90	8.378		
14,100.00	6,840.00	6,707.35	6,706.34	221.73	1.96	-90.25	-176.92	-9,462.20	1,758.60	1,539.54	219.06	8.028		
14,200.00	6,840.00	6,706.44	6,705.43	224.40	1.96	-90.22	-176.93	-9,462.21	1,730.32	1,506.54	223.78	7.732		
14,300.00	6,840.00	6,705.54	6,704.54	227.07	1.96	-90.19	-176.93	-9,462.21	1,707.42	1,479.47	227.95	7.490		
14,400.00	6,840.00	6,704.66	6,703.66	229.74	1.96	-90.16	-176.93	-9,462.22	1,690.15	1,458.65	231.50	7.301		
14,500.00	6,840.00	6,703.80	6,702.79	232.41	1.96	-90.13	-176.93	-9,462.23	1,678.66	1,444.34	234.33	7.164		
14,600.00	6,840.00	6,702.95	6,701.94	235.08	1.96	-90.10	-176.93	-9,462.24	1,673.08	1,436.70	236.38	7.078		
14,643.50	6,840.00	6,702.58	6,701.57	236.24	1.96	-90.09	-176.93	-9,462.24	1,672.52	1,435.50	237.02	7.056 CC, ES		
14,700.00	6,840.00	6,702.11	6,701.10	237.75	1.96	-90.07	-176.93	-9,462.24	1,673.47	1,435.85	237.62	7.043 SF		
14,800.00	6,840.00	6,701.29	6,700.28	240.43	1.96	-90.04	-176.93	-9,462.25	1,679.82	1,441.78	238.04	7.057		
14,900.00	6,840.00	6,700.48	6,699.47	243.10	1.96	-90.02	-176.93	-9,462.26	1,692.07	1,454.42	237.66	7.120		
15,000.00	6,840.00	6,699.68	6,698.67	245.78	1.96	-89.99	-176.94	-9,462.26	1,710.09	1,473.59	236.50	7.231		
15,100.00	6,840.00	6,698.89	6,697.88	248.46	1.96	-89.96	-176.94	-9,462.27	1,733.69	1,499.07	234.62	7.389		
15,200.00	6,840.00	6,698.12	6,697.11	251.14	1.96	-89.94	-176.94	-9,462.27	1,762.67	1,530.55	232.12	7.594		
15,300.00	6,840.00	6,697.36	6,696.35	253.82	1.96	-89.91	-176.94	-9,462.28	1,796.74	1,567.68	229.06	7.844		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,696.61	6,695.60	256.50	1.96	-89.88	-176.94	-9,462.29	1,835.64	1,610.09	225.55	8.139		
15,500.00	6,840.00	6,695.87	6,694.86	259.18	1.96	-89.86	-176.94	-9,462.29	1,879.06	1,657.39	221.67	8.477		
15,600.00	6,840.00	6,695.14	6,694.13	261.86	1.96	-89.83	-176.94	-9,462.30	1,926.70	1,709.19	217.50	8.858		
15,700.00	6,840.00	6,694.43	6,693.42	264.54	1.96	-89.81	-176.94	-9,462.30	1,978.24	1,765.10	213.14	9.281		
15,800.00	6,840.00	6,693.72	6,692.71	267.23	1.96	-89.78	-176.94	-9,462.31	2,033.40	1,824.76	208.64	9.746		
15,900.00	6,840.00	6,693.03	6,692.02	269.91	1.96	-89.76	-176.95	-9,462.31	2,091.89	1,887.82	204.08	10.251		
16,000.00	6,840.00	6,692.34	6,691.33	272.59	1.96	-89.74	-176.95	-9,462.32	2,153.44	1,953.95	199.49	10.795		
16,100.00	6,840.00	6,691.67	6,690.66	275.28	1.96	-89.71	-176.95	-9,462.32	2,217.79	2,022.86	194.93	11.377		
16,200.00	6,840.00	6,691.00	6,689.99	277.97	1.96	-89.69	-176.95	-9,462.33	2,284.70	2,094.27	190.43	11.998		
16,300.00	6,840.00	6,690.35	6,689.34	280.65	1.96	-89.67	-176.95	-9,462.33	2,353.96	2,167.95	186.01	12.655		
16,400.00	6,840.00	6,689.70	6,688.69	283.34	1.96	-89.65	-176.95	-9,462.34	2,425.37	2,243.67	181.70	13.348		
16,500.00	6,840.00	6,689.06	6,688.05	286.03	1.96	-89.63	-176.95	-9,462.34	2,498.74	2,321.23	177.51	14.076		
16,600.00	6,840.00	6,688.43	6,687.43	288.72	1.96	-89.60	-176.95	-9,462.35	2,573.91	2,400.45	173.45	14.839		
16,700.00	6,840.00	6,687.82	6,686.81	291.41	1.96	-89.58	-176.95	-9,462.35	2,650.71	2,481.18	169.53	15.635		
16,800.00	6,840.00	6,687.20	6,686.20	294.10	1.96	-89.56	-176.95	-9,462.36	2,729.02	2,563.27	165.75	16.464		
16,900.00	6,840.00	6,686.60	6,685.59	296.79	1.96	-89.54	-176.95	-9,462.36	2,808.70	2,646.59	162.12	17.325		
17,000.00	6,840.00	6,686.01	6,685.00	299.48	1.96	-89.52	-176.96	-9,462.36	2,889.65	2,731.03	158.62	18.217		
17,100.00	6,840.00	6,685.42	6,684.41	302.17	1.96	-89.50	-176.96	-9,462.37	2,971.76	2,816.50	155.27	19.140		
17,200.00	6,840.00	6,684.84	6,683.84	304.86	1.96	-89.48	-176.96	-9,462.37	3,054.94	2,902.89	152.05	20.092		
17,300.00	6,840.00	6,684.27	6,683.26	307.56	1.96	-89.46	-176.96	-9,462.38	3,139.10	2,990.13	148.97	21.072		
17,400.00	6,840.00	6,683.71	6,682.70	310.25	1.96	-89.44	-176.96	-9,462.38	3,224.16	3,078.14	146.01	22.081		
17,500.00	6,840.00	6,683.16	6,682.15	312.94	1.96	-89.42	-176.96	-9,462.38	3,310.05	3,166.87	143.19	23.117		
17,600.00	6,840.00	6,682.61	6,681.60	315.64	1.96	-89.40	-176.96	-9,462.39	3,396.72	3,256.25	140.48	24.180		
17,700.00	6,840.00	6,682.07	6,681.06	318.33	1.96	-89.39	-176.96	-9,462.39	3,484.11	3,346.22	137.88	25.269		
17,800.00	6,840.00	6,681.53	6,680.52	321.03	1.96	-89.37	-176.96	-9,462.39	3,572.15	3,436.75	135.40	26.382		
17,900.00	6,840.00	6,681.01	6,680.00	323.72	1.96	-89.35	-176.96	-9,462.40	3,660.81	3,527.79	133.02	27.520		
18,000.00	6,840.00	6,680.48	6,679.48	326.42	1.96	-89.33	-176.96	-9,462.40	3,750.04	3,619.30	130.74	28.682		
18,100.00	6,840.00	6,679.97	6,678.96	329.11	1.96	-89.31	-176.96	-9,462.40	3,839.80	3,711.24	128.56	29.867		
18,200.00	6,840.00	6,679.46	6,678.46	331.81	1.96	-89.30	-176.96	-9,462.41	3,930.06	3,803.58	126.47	31.074		
18,300.00	6,840.00	6,678.96	6,677.96	334.51	1.96	-89.28	-176.97	-9,462.41	4,020.77	3,896.30	124.47	32.304		
18,400.00	6,840.00	6,678.47	6,677.46	337.20	1.95	-89.26	-176.97	-9,462.41	4,111.92	3,989.37	122.55	33.554		
18,500.00	6,840.00	6,677.98	6,676.97	339.90	1.95	-89.25	-176.97	-9,462.42	4,203.47	4,082.76	120.70	34.825		
18,600.00	6,840.00	6,677.50	6,676.49	342.60	1.95	-89.23	-176.97	-9,462.42	4,295.39	4,176.46	118.94	36.115		
18,700.00	6,840.00	6,677.02	6,676.01	345.30	1.95	-89.21	-176.97	-9,462.42	4,387.67	4,270.43	117.24	37.425		
18,800.00	6,840.00	6,676.55	6,675.54	348.00	1.95	-89.20	-176.97	-9,462.43	4,480.28	4,364.67	115.61	38.753		
18,900.00	6,840.00	6,676.09	6,675.08	350.70	1.95	-89.18	-176.97	-9,462.43	4,573.20	4,459.16	114.05	40.100		
19,000.00	6,840.00	6,675.63	6,674.62	353.39	1.95	-89.16	-176.97	-9,462.43	4,666.42	4,553.88	112.54	41.464		
19,100.00	6,840.00	6,675.17	6,674.16	356.09	1.95	-89.15	-176.97	-9,462.43	4,759.91	4,648.81	111.10	42.845		
19,200.00	6,840.00	6,674.72	6,673.72	358.79	1.95	-89.13	-176.97	-9,462.44	4,853.66	4,743.95	109.71	44.242		
19,300.00	6,840.00	6,674.28	6,673.27	361.49	1.95	-89.12	-176.97	-9,462.44	4,947.65	4,839.28	108.37	45.655		
19,400.00	6,840.00	6,673.84	6,672.83	364.20	1.95	-89.10	-176.97	-9,462.44	5,041.87	4,934.79	107.08	47.083		
19,500.00	6,840.00	6,673.41	6,672.40	366.90	1.95	-89.09	-176.97	-9,462.45	5,136.32	5,030.47	105.85	48.526		
19,600.00	6,840.00	6,672.98	6,671.97	369.60	1.95	-89.07	-176.97	-9,462.45	5,230.97	5,126.31	104.65	49.984		
19,700.00	6,840.00	6,672.56	6,671.55	372.30	1.95	-89.06	-176.97	-9,462.45	5,325.81	5,222.31	103.51	51.455		
19,800.00	6,840.00	6,672.14	6,671.13	375.00	1.95	-89.05	-176.97	-9,462.45	5,420.84	5,318.44	102.40	52.939		
19,900.00	6,840.00	6,671.73	6,670.72	377.70	1.95	-89.03	-176.97	-9,462.46	5,516.05	5,414.72	101.33	54.436		
20,000.00	6,840.00	6,671.32	6,670.31	380.40	1.95	-89.02	-176.97	-9,462.46	5,611.42	5,511.12	100.30	55.945		
20,100.00	6,840.00	6,670.91	6,669.91	383.11	1.95	-89.00	-176.98	-9,462.46	5,706.95	5,607.64	99.31	57.466		
20,200.00	6,840.00	6,670.52	6,669.51	385.81	1.95	-88.99	-176.98	-9,462.46	5,802.63	5,704.28	98.35	58.998		
20,300.00	6,840.00	6,670.12	6,669.11	388.51	1.95	-88.98	-176.98	-9,462.46	5,898.46	5,801.03	97.43	60.542		
20,400.00	6,840.00	6,669.73	6,668.72	391.22	1.95	-88.96	-176.98	-9,462.47	5,994.42	5,897.88	96.54	62.095		
20,500.00	6,840.00	6,669.34	6,668.34	393.92	1.95	-88.95	-176.98	-9,462.47	6,090.51	5,994.84	95.67	63.659		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,669.19	6,668.18	394.99	1.95	-88.94	-176.98	-9,462.47	6,128.69	6,033.35	95.34	64.282	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-101.25	-1,638.37	-8,234.56	8,397.03					
100.00	100.00	0.00	0.00	0.13	0.00	-101.25	-1,638.37	-8,234.56	8,396.03	8,395.90	0.13	N/A		
200.00	200.00	130.14	130.13	0.49	0.15	-101.25	-1,637.99	-8,233.85	8,395.44	8,394.80	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-101.25	-1,637.81	-8,233.54	8,394.92	8,393.83	1.09	7,703.402		
400.00	400.00	283.61	283.61	1.21	0.31	-101.25	-1,637.69	-8,233.39	8,394.70	8,393.18	1.52	5,526.840		
500.00	500.00	361.50	361.50	1.57	0.33	-101.25	-1,637.65	-8,233.31	8,394.60	8,392.71	1.89	4,434.233		
526.24	526.24	380.78	380.78	1.66	0.33	-46.64	-1,637.69	-8,233.32	8,394.54	8,392.56	1.99	4,224.854		
600.00	599.98	451.01	451.01	1.92	0.35	-46.66	-1,637.88	-8,233.42	8,393.57	8,391.29	2.28	3,683.382		
700.00	699.84	552.19	552.19	2.28	0.39	-46.74	-1,638.07	-8,233.54	8,390.13	8,387.46	2.67	3,139.760		
800.00	799.45	645.89	645.89	2.65	0.42	-46.87	-1,637.96	-8,233.75	8,384.34	8,381.28	3.06	2,736.471		
900.00	898.70	757.60	757.59	3.02	0.45	-47.05	-1,637.83	-8,234.03	8,376.23	8,372.77	3.46	2,421.784		
1,000.00	997.47	864.76	864.75	3.42	0.47	-47.30	-1,637.87	-8,234.00	8,365.49	8,361.63	3.86	2,166.602		
1,100.00	1,095.62	954.14	954.13	3.84	0.50	-47.58	-1,637.94	-8,234.01	8,352.49	8,348.21	4.28	1,952.114		
1,200.00	1,193.06	1,040.28	1,040.28	4.30	0.53	-47.90	-1,637.95	-8,234.14	8,337.30	8,332.58	4.72	1,767.370		
1,300.00	1,289.64	1,129.45	1,129.44	4.79	0.56	-48.28	-1,637.98	-8,234.41	8,319.98	8,314.79	5.19	1,603.266		
1,400.00	1,385.27	1,229.98	1,229.97	5.33	0.60	-48.74	-1,638.04	-8,234.69	8,300.41	8,294.72	5.69	1,459.091		
1,500.00	1,479.82	1,329.63	1,329.62	5.92	0.63	-49.25	-1,638.35	-8,234.85	8,278.60	8,272.39	6.21	1,332.496		
1,600.00	1,573.17	1,419.51	1,419.50	6.56	0.67	-49.80	-1,638.57	-8,234.98	8,254.61	8,247.84	6.77	1,218.791		
1,700.00	1,665.22	1,492.09	1,492.09	7.26	0.69	-50.32	-1,638.69	-8,235.21	8,228.71	8,221.35	7.37	1,117.027		
1,800.00	1,756.74	1,598.85	1,598.84	7.99	0.73	-50.56	-1,638.80	-8,235.63	8,202.12	8,194.12	8.00	1,025.901		
1,900.00	1,848.26	1,678.67	1,678.66	8.75	0.76	-50.74	-1,638.75	-8,235.94	8,175.59	8,166.96	8.63	947.167		
2,000.00	1,939.78	1,759.88	1,759.87	9.51	0.79	-50.92	-1,638.65	-8,236.38	8,149.30	8,140.02	9.28	877.893		
2,100.00	2,031.30	1,898.55	1,898.54	10.29	0.82	-51.24	-1,638.17	-8,237.04	8,123.08	8,113.13	9.95	816.514		
2,200.00	2,122.82	1,986.68	1,986.66	11.07	0.85	-51.44	-1,637.38	-8,237.23	8,096.55	8,085.94	10.61	762.791		
2,300.00	2,214.34	2,115.04	2,115.01	11.86	0.88	-51.72	-1,635.76	-8,237.40	8,069.99	8,058.69	11.29	714.597		
2,400.00	2,305.85	2,183.24	2,183.21	12.66	0.90	-51.87	-1,634.72	-8,237.50	8,043.46	8,031.49	11.97	671.947		
2,500.00	2,397.37	2,284.17	2,284.12	13.46	0.92	-52.10	-1,633.12	-8,237.73	8,017.12	8,004.46	12.66	633.368		
2,600.00	2,488.89	2,391.00	2,390.94	14.26	0.95	-52.34	-1,631.32	-8,237.79	7,990.71	7,977.35	13.35	598.503		
2,700.00	2,580.41	2,528.43	2,528.35	15.07	0.98	-52.65	-1,629.12	-8,237.15	7,963.90	7,949.86	14.05	566.943		
2,800.00	2,671.93	2,600.00	2,599.91	15.88	1.00	-52.82	-1,628.17	-8,236.77	7,937.25	7,922.50	14.75	538.255		
2,900.00	2,763.45	2,697.71	2,697.61	16.69	1.02	-53.05	-1,627.15	-8,236.25	7,910.80	7,895.35	15.45	512.011		
3,000.00	2,854.97	2,792.23	2,792.12	17.51	1.04	-53.28	-1,626.49	-8,235.57	7,884.37	7,868.21	16.16	487.904		
3,100.00	2,946.49	2,860.83	2,860.72	18.32	1.06	-53.44	-1,626.05	-8,235.14	7,858.17	7,841.29	16.87	465.712		
3,200.00	3,038.00	2,991.61	2,991.50	19.14	1.08	-53.76	-1,625.13	-8,234.45	7,832.22	7,814.63	17.59	445.270		
3,300.00	3,129.52	3,073.81	3,073.69	19.96	1.10	-53.96	-1,624.59	-8,233.66	7,805.97	7,787.65	18.31	426.239		
3,400.00	3,221.04	3,140.29	3,140.17	20.77	1.11	-54.12	-1,624.20	-8,233.17	7,780.05	7,761.01	19.04	408.643		
3,500.00	3,312.56	3,200.00	3,199.88	21.59	1.11	-54.27	-1,624.25	-8,232.85	7,754.60	7,734.83	19.77	392.301		
3,600.00	3,404.08	3,259.41	3,259.29	22.42	1.12	-54.42	-1,624.64	-8,232.68	7,729.66	7,709.16	20.50	376.983		
3,700.00	3,495.60	3,326.83	3,326.71	23.24	1.13	-54.60	-1,625.35	-8,232.72	7,705.23	7,683.99	21.25	362.668		
3,800.00	3,587.12	3,421.88	3,421.75	24.06	1.14	-54.84	-1,626.35	-8,232.87	7,681.05	7,659.06	21.99	349.243		
3,900.00	3,678.63	3,528.95	3,528.82	24.88	1.15	-55.12	-1,627.48	-8,232.80	7,656.81	7,634.06	22.74	336.653		
4,000.00	3,770.15	3,606.51	3,606.36	25.71	1.16	-55.33	-1,628.50	-8,232.72	7,632.75	7,609.25	23.50	324.813		
4,100.00	3,861.67	3,673.69	3,673.53	26.53	1.17	-55.51	-1,629.47	-8,232.80	7,609.07	7,584.81	24.26	313.676		
4,200.00	3,953.19	3,745.86	3,745.70	27.35	1.18	-55.70	-1,630.50	-8,233.11	7,585.80	7,560.78	25.02	303.184		
4,300.00	4,044.71	3,825.21	3,825.04	28.18	1.20	-55.91	-1,631.61	-8,233.64	7,562.88	7,537.09	25.79	293.284		
4,400.00	4,136.23	3,910.83	3,910.65	29.01	1.21	-56.14	-1,632.74	-8,234.30	7,540.17	7,513.62	26.56	283.923		
4,500.00	4,227.75	3,976.86	3,976.67	29.83	1.23	-56.32	-1,633.62	-8,234.97	7,517.83	7,490.50	27.33	275.063		
4,600.00	4,319.27	4,037.96	4,037.76	30.66	1.24	-56.48	-1,634.47	-8,235.80	7,495.96	7,467.85	28.11	266.672		
4,700.00	4,410.78	4,100.00	4,099.78	31.48	1.25	-56.65	-1,635.38	-8,236.94	7,474.65	7,445.76	28.89	258.723		
4,800.00	4,502.30	4,142.94	4,142.71	32.31	1.26	-56.77	-1,636.04	-8,237.95	7,453.96	7,424.29	29.67	251.188		
4,900.00	4,593.82	4,200.00	4,199.73	33.14	1.28	-56.92	-1,636.96	-8,239.69	7,434.02	7,403.56	30.46	244.037		
5,000.00	4,685.34	4,259.62	4,259.31	33.96	1.29	-57.08	-1,637.84	-8,241.82	7,414.65	7,383.39	31.25	237.243		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,373.77	4,373.37	34.79	1.32	-57.38	-1,638.92	-8,246.15	7,395.51	7,363.46	32.05	230.757		
5,200.00	4,868.38	4,488.76	4,488.29	35.62	1.34	-57.69	-1,639.75	-8,250.09	7,376.09	7,343.24	32.85	224.555		
5,300.00	4,959.90	4,559.39	4,558.88	36.45	1.36	-57.88	-1,640.50	-8,252.41	7,356.83	7,323.18	33.65	218.634		
5,400.00	5,051.41	4,750.92	4,750.30	37.27	1.41	-58.39	-1,641.29	-8,258.67	7,337.73	7,303.27	34.45	212.968		
5,500.00	5,142.93	4,961.93	4,961.27	38.10	1.45	-58.95	-1,639.85	-8,262.15	7,316.56	7,281.31	35.25	207.554		
5,600.00	5,234.45	5,064.81	5,064.15	38.93	1.48	-59.23	-1,639.41	-8,262.95	7,295.08	7,259.02	36.06	202.311		
5,700.00	5,325.97	5,166.42	5,165.76	39.76	1.50	-59.51	-1,639.11	-8,263.54	7,273.64	7,236.77	36.87	197.284		
5,800.00	5,417.49	5,291.47	5,290.80	40.59	1.53	-59.85	-1,638.45	-8,264.04	7,252.12	7,214.44	37.67	192.503		
5,900.00	5,509.01	5,370.36	5,369.69	41.42	1.54	-60.07	-1,638.07	-8,264.15	7,230.55	7,192.07	38.48	187.882		
6,000.00	5,600.53	5,447.60	5,446.93	42.25	1.56	-60.29	-1,638.05	-8,264.31	7,209.35	7,170.04	39.31	183.415		
6,100.00	5,692.04	5,538.91	5,538.25	43.07	1.58	-60.55	-1,638.09	-8,264.62	7,188.44	7,148.31	40.13	179.117		
6,200.00	5,783.56	5,636.24	5,635.57	43.90	1.61	-60.83	-1,638.07	-8,264.82	7,167.55	7,126.59	40.96	174.987		
6,300.00	5,875.08	5,715.98	5,715.32	44.73	1.63	-61.06	-1,638.05	-8,265.08	7,146.94	7,105.15	41.79	171.009		
6,400.00	5,966.60	5,812.03	5,811.36	45.56	1.65	-61.33	-1,637.73	-8,265.57	7,126.53	7,083.91	42.62	167.198		
6,500.00	6,058.12	5,879.10	5,878.43	46.39	1.66	-61.53	-1,637.64	-8,265.98	7,106.44	7,062.98	43.46	163.518		
6,600.00	6,149.64	5,953.19	5,952.52	47.22	1.68	-61.74	-1,637.86	-8,266.51	7,086.77	7,042.47	44.30	159.962		
6,700.00	6,241.16	6,042.76	6,042.08	48.05	1.70	-62.00	-1,638.17	-8,267.33	7,067.45	7,022.30	45.15	156.539		
6,800.00	6,332.68	6,167.86	6,167.17	48.88	1.73	-62.37	-1,637.91	-8,268.43	7,048.08	7,002.09	45.99	153.251		
6,900.00	6,424.19	6,304.90	6,304.22	49.71	1.75	-62.77	-1,637.83	-8,268.66	7,028.33	6,981.52	46.81	150.136		
7,000.00	6,514.88	6,374.73	6,374.05	50.58	1.75	-57.42	-1,637.82	-8,268.64	7,006.50	6,958.82	47.67	146.968		
7,100.00	6,599.14	6,453.56	6,452.87	51.67	1.76	-52.08	-1,637.91	-8,268.75	6,971.76	6,923.08	48.68	143.222		
7,200.00	6,673.85	6,530.76	6,530.07	53.01	1.78	-50.96	-1,637.89	-8,268.89	6,923.31	6,873.51	49.81	139.000		
7,300.00	6,736.73	6,597.11	6,596.42	54.56	1.79	-53.00	-1,637.70	-8,269.07	6,862.68	6,811.66	51.02	134.503		
7,400.00	6,785.87	6,649.88	6,649.19	56.29	1.79	-58.20	-1,637.57	-8,269.18	6,791.77	6,739.50	52.28	129.919		
7,500.00	6,819.79	6,685.93	6,685.25	58.13	1.79	-67.17	-1,637.61	-8,269.17	6,712.78	6,659.24	53.54	125.383		
7,600.00	6,837.44	6,704.42	6,703.73	60.02	1.79	-80.67	-1,637.67	-8,269.14	6,628.12	6,573.36	54.76	121.036		
7,700.00	6,840.00	6,706.87	6,706.18	61.90	1.79	-90.00	-1,637.68	-8,269.13	6,540.51	6,484.59	55.92	116.963		
7,800.00	6,840.00	6,706.63	6,705.94	63.83	1.79	-90.00	-1,637.68	-8,269.13	6,452.86	6,395.76	57.10	113.008		
7,900.00	6,840.00	6,706.38	6,705.70	65.81	1.79	-89.99	-1,637.68	-8,269.13	6,365.58	6,307.25	58.33	109.132		
8,000.00	6,840.00	6,706.15	6,705.46	67.84	1.79	-89.99	-1,637.68	-8,269.13	6,278.68	6,219.08	59.61	105.336		
8,100.00	6,840.00	6,705.91	6,705.22	69.91	1.79	-89.99	-1,637.68	-8,269.13	6,192.18	6,131.24	60.93	101.624		
8,200.00	6,840.00	6,705.67	6,704.99	72.03	1.79	-89.98	-1,637.68	-8,269.13	6,106.08	6,043.77	62.31	97.997		
8,300.00	6,840.00	6,705.44	6,704.76	74.18	1.79	-89.98	-1,637.68	-8,269.13	6,020.42	5,956.68	63.74	94.457		
8,400.00	6,840.00	6,705.21	6,704.53	76.37	1.79	-89.97	-1,637.68	-8,269.13	5,935.20	5,869.98	65.22	91.004		
8,500.00	6,840.00	6,704.99	6,704.30	78.59	1.79	-89.97	-1,637.68	-8,269.13	5,850.46	5,783.70	66.75	87.641		
8,600.00	6,840.00	6,704.76	6,704.08	80.85	1.79	-89.96	-1,637.68	-8,269.13	5,766.20	5,697.85	68.35	84.367		
8,700.00	6,840.00	6,704.54	6,703.85	83.13	1.79	-89.96	-1,637.67	-8,269.14	5,682.45	5,612.45	70.00	81.183		
8,800.00	6,840.00	6,704.32	6,703.63	85.44	1.79	-89.96	-1,637.67	-8,269.14	5,599.23	5,527.53	71.70	78.090		
8,900.00	6,840.00	6,704.10	6,703.42	87.77	1.79	-89.95	-1,637.67	-8,269.14	5,516.58	5,443.11	73.47	75.087		
9,000.00	6,840.00	6,703.89	6,703.20	90.12	1.79	-89.95	-1,637.67	-8,269.14	5,434.50	5,359.21	75.30	72.174		
9,100.00	6,840.00	6,703.67	6,702.99	92.50	1.79	-89.94	-1,637.67	-8,269.14	5,353.04	5,275.85	77.19	69.351		
9,200.00	6,840.00	6,703.46	6,702.78	94.89	1.79	-89.94	-1,637.67	-8,269.14	5,272.21	5,193.07	79.14	66.617		
9,300.00	6,840.00	6,703.25	6,702.57	97.30	1.79	-89.94	-1,637.67	-8,269.14	5,192.05	5,110.89	81.16	63.972		
9,400.00	6,840.00	6,703.05	6,702.36	99.73	1.79	-89.93	-1,637.67	-8,269.14	5,112.59	5,029.35	83.25	61.415		
9,500.00	6,840.00	6,702.84	6,702.16	102.17	1.79	-89.93	-1,637.67	-8,269.14	5,033.87	4,948.47	85.40	58.944		
9,600.00	6,840.00	6,702.64	6,701.95	104.63	1.79	-89.93	-1,637.67	-8,269.14	4,955.91	4,868.28	87.62	56.560		
9,700.00	6,840.00	6,702.44	6,701.75	107.10	1.79	-89.92	-1,637.67	-8,269.14	4,878.75	4,788.83	89.92	54.259		
9,800.00	6,840.00	6,702.24	6,701.55	109.58	1.79	-89.92	-1,637.67	-8,269.14	4,802.44	4,710.16	92.28	52.042		
9,900.00	6,840.00	6,702.04	6,701.36	112.07	1.79	-89.91	-1,637.66	-8,269.14	4,727.01	4,632.29	94.72	49.908		
10,000.00	6,840.00	6,701.85	6,701.16	114.58	1.79	-89.91	-1,637.66	-8,269.14	4,652.50	4,555.28	97.22	47.853		
10,100.00	6,840.00	6,701.66	6,700.97	117.09	1.79	-89.91	-1,637.66	-8,269.14	4,578.97	4,479.16	99.81	45.878		
10,200.00	6,840.00	6,701.46	6,700.78	119.61	1.79	-89.90	-1,637.66	-8,269.14	4,506.46	4,404.00	102.46	43.981		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,701.28	6,700.59	122.14	1.79	-89.90	-1,637.66	-8,269.14	4,435.02	4,329.82	105.19	42.160		
10,400.00	6,840.00	6,701.09	6,700.40	124.68	1.79	-89.90	-1,637.66	-8,269.14	4,364.70	4,256.70	108.00	40.414		
10,500.00	6,840.00	6,700.90	6,700.22	127.23	1.79	-89.89	-1,637.66	-8,269.14	4,295.55	4,184.67	110.88	38.741		
10,600.00	6,840.00	6,700.72	6,700.03	129.78	1.79	-89.89	-1,637.66	-8,269.14	4,227.64	4,113.81	113.83	37.139		
10,700.00	6,840.00	6,700.54	6,699.85	132.35	1.79	-89.89	-1,637.66	-8,269.14	4,161.03	4,044.17	116.86	35.608		
10,800.00	6,840.00	6,700.35	6,699.67	134.91	1.79	-89.88	-1,637.66	-8,269.14	4,095.77	3,975.82	119.95	34.145		
10,900.00	6,840.00	6,700.18	6,699.49	137.49	1.79	-89.88	-1,637.66	-8,269.14	4,031.94	3,908.82	123.12	32.749		
11,000.00	6,840.00	6,700.00	6,699.31	140.07	1.79	-89.88	-1,637.66	-8,269.14	3,969.60	3,843.25	126.35	31.418		
11,100.00	6,840.00	6,699.82	6,699.14	142.65	1.79	-89.87	-1,637.66	-8,269.14	3,908.83	3,779.19	129.64	30.151		
11,200.00	6,840.00	6,699.65	6,698.96	145.24	1.79	-89.87	-1,637.66	-8,269.15	3,849.69	3,716.70	132.99	28.947		
11,300.00	6,840.00	6,699.48	6,698.79	147.83	1.79	-89.87	-1,637.65	-8,269.15	3,792.27	3,655.87	136.40	27.803		
11,400.00	6,840.00	6,699.31	6,698.62	150.43	1.79	-89.86	-1,637.65	-8,269.15	3,736.64	3,596.79	139.86	26.718		
11,500.00	6,840.00	6,699.14	6,698.45	153.04	1.79	-89.86	-1,637.65	-8,269.15	3,682.89	3,539.54	143.35	25.691		
11,600.00	6,840.00	6,698.97	6,698.28	155.64	1.79	-89.86	-1,637.65	-8,269.15	3,631.10	3,484.21	146.89	24.720		
11,700.00	6,840.00	6,698.80	6,698.12	158.26	1.79	-89.86	-1,637.65	-8,269.15	3,581.35	3,430.90	150.45	23.804		
11,800.00	6,840.00	6,698.64	6,697.95	160.87	1.79	-89.85	-1,637.65	-8,269.15	3,533.74	3,379.71	154.03	22.942		
11,900.00	6,840.00	6,698.47	6,697.79	163.49	1.79	-89.85	-1,637.65	-8,269.15	3,488.34	3,330.72	157.62	22.131		
12,000.00	6,840.00	6,698.31	6,697.63	166.11	1.79	-89.85	-1,637.65	-8,269.15	3,445.24	3,284.03	161.21	21.372		
12,100.00	6,840.00	6,698.15	6,697.47	168.74	1.79	-89.84	-1,637.65	-8,269.15	3,404.54	3,239.76	164.78	20.661		
12,200.00	6,840.00	6,697.99	6,697.31	171.37	1.79	-89.84	-1,637.65	-8,269.15	3,366.31	3,197.99	168.33	19.999		
12,300.00	6,840.00	6,697.83	6,697.15	174.00	1.79	-89.84	-1,637.65	-8,269.15	3,330.66	3,158.82	171.83	19.383		
12,400.00	6,840.00	6,697.68	6,696.99	176.63	1.79	-89.83	-1,637.65	-8,269.15	3,297.64	3,122.36	175.28	18.813		
12,500.00	6,840.00	6,697.52	6,696.84	179.27	1.79	-89.83	-1,637.65	-8,269.15	3,267.36	3,088.70	178.67	18.288		
12,600.00	6,840.00	6,697.37	6,696.68	181.91	1.79	-89.83	-1,637.65	-8,269.15	3,239.88	3,057.92	181.96	17.805		
12,700.00	6,840.00	6,697.22	6,696.53	184.55	1.79	-89.83	-1,637.65	-8,269.15	3,215.28	3,030.12	185.16	17.364		
12,800.00	6,840.00	6,697.07	6,696.38	187.19	1.79	-89.82	-1,637.65	-8,269.15	3,193.62	3,005.37	188.25	16.965		
12,900.00	6,840.00	6,696.92	6,696.23	189.84	1.79	-89.82	-1,637.65	-8,269.15	3,174.97	2,983.76	191.21	16.605		
13,000.00	6,840.00	6,696.77	6,696.08	192.48	1.79	-89.82	-1,637.65	-8,269.15	3,159.37	2,965.35	194.02	16.283		
13,100.00	6,840.00	6,696.62	6,695.93	195.13	1.79	-89.82	-1,637.64	-8,269.15	3,146.87	2,950.19	196.68	16.000		
13,200.00	6,840.00	6,696.47	6,695.79	197.79	1.79	-89.81	-1,637.64	-8,269.15	3,137.52	2,938.34	199.17	15.753		
13,300.00	6,840.00	6,696.33	6,695.64	200.44	1.79	-89.81	-1,637.64	-8,269.15	3,131.33	2,929.84	201.48	15.541		
13,400.00	6,840.00	6,696.19	6,695.50	203.10	1.79	-89.81	-1,637.64	-8,269.15	3,128.32	2,924.72	203.61	15.365		
13,444.03	6,840.00	6,696.12	6,695.44	204.27	1.79	-89.81	-1,637.64	-8,269.15	3,128.01	2,923.53	204.48	15.297 CC		
13,500.00	6,840.00	6,696.04	6,695.36	205.75	1.79	-89.81	-1,637.64	-8,269.15	3,128.51	2,922.98	205.53	15.222 ES		
13,600.00	6,840.00	6,695.90	6,695.22	208.41	1.79	-89.80	-1,637.64	-8,269.15	3,131.90	2,924.64	207.26	15.111		
13,700.00	6,840.00	6,695.76	6,695.08	211.07	1.79	-89.80	-1,637.64	-8,269.15	3,138.47	2,929.69	208.77	15.033		
13,800.00	6,840.00	6,695.62	6,694.94	213.74	1.79	-89.80	-1,637.64	-8,269.15	3,148.20	2,938.12	210.08	14.986		
13,900.00	6,840.00	6,695.49	6,694.80	216.40	1.79	-89.79	-1,637.64	-8,269.15	3,161.07	2,949.89	211.18	14.969 SF		
14,000.00	6,840.00	6,695.35	6,694.66	219.06	1.79	-89.79	-1,637.64	-8,269.15	3,177.04	2,964.96	212.07	14.981		
14,100.00	6,840.00	6,695.21	6,694.53	221.73	1.79	-89.79	-1,637.64	-8,269.15	3,196.05	2,983.29	212.76	15.022		
14,200.00	6,840.00	6,695.08	6,694.39	224.40	1.79	-89.79	-1,637.64	-8,269.15	3,218.07	3,004.82	213.25	15.091		
14,300.00	6,840.00	6,694.95	6,694.26	227.07	1.79	-89.78	-1,637.64	-8,269.15	3,243.01	3,029.47	213.55	15.186		
14,400.00	6,840.00	6,694.81	6,694.13	229.74	1.79	-89.78	-1,637.64	-8,269.15	3,270.83	3,057.17	213.66	15.309		
14,500.00	6,840.00	6,694.68	6,694.00	232.41	1.79	-89.78	-1,637.64	-8,269.15	3,301.44	3,087.85	213.60	15.456		
14,600.00	6,840.00	6,694.55	6,693.87	235.08	1.79	-89.78	-1,637.64	-8,269.15	3,334.77	3,121.40	213.37	15.629		
14,700.00	6,840.00	6,694.42	6,693.74	237.75	1.79	-89.78	-1,637.64	-8,269.15	3,370.74	3,157.76	212.99	15.826		
14,800.00	6,840.00	6,694.29	6,693.61	240.43	1.79	-89.77	-1,637.64	-8,269.16	3,409.27	3,196.81	212.46	16.047		
14,900.00	6,840.00	6,694.17	6,693.48	243.10	1.79	-89.77	-1,637.64	-8,269.16	3,450.26	3,238.46	211.80	16.290		
15,000.00	6,840.00	6,694.04	6,693.35	245.78	1.79	-89.77	-1,637.64	-8,269.16	3,493.64	3,282.62	211.01	16.556		
15,100.00	6,840.00	6,693.92	6,693.23	248.46	1.79	-89.77	-1,637.64	-8,269.16	3,539.31	3,329.19	210.12	16.844		
15,200.00	6,840.00	6,693.79	6,693.11	251.14	1.79	-89.76	-1,637.64	-8,269.16	3,587.18	3,378.06	209.13	17.153		
15,300.00	6,840.00	6,693.67	6,692.98	253.82	1.79	-89.76	-1,637.64	-8,269.16	3,637.18	3,429.14	208.04	17.483		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,693.55	6,692.86	256.50	1.79	-89.76	-1,637.63	-8,269.16	3,689.21	3,482.33	206.88	17.833		
15,500.00	6,840.00	6,693.42	6,692.74	259.18	1.79	-89.76	-1,637.63	-8,269.16	3,743.19	3,537.54	205.65	18.202		
15,600.00	6,840.00	6,693.30	6,692.62	261.86	1.79	-89.75	-1,637.63	-8,269.16	3,799.03	3,594.68	204.36	18.590		
15,700.00	6,840.00	6,693.18	6,692.50	264.54	1.79	-89.75	-1,637.63	-8,269.16	3,856.66	3,653.65	203.01	18.997		
15,800.00	6,840.00	6,693.07	6,692.38	267.23	1.79	-89.75	-1,637.63	-8,269.16	3,916.00	3,714.37	201.62	19.422		
15,900.00	6,840.00	6,692.95	6,692.26	269.91	1.79	-89.75	-1,637.63	-8,269.16	3,976.96	3,776.76	200.20	19.865		
16,000.00	6,840.00	6,692.83	6,692.14	272.59	1.79	-89.75	-1,637.63	-8,269.16	4,039.48	3,840.73	198.75	20.324		
16,100.00	6,840.00	6,692.71	6,692.03	275.28	1.79	-89.74	-1,637.63	-8,269.16	4,103.49	3,906.21	197.28	20.801		
16,200.00	6,840.00	6,692.60	6,691.91	277.97	1.79	-89.74	-1,637.63	-8,269.16	4,168.91	3,973.13	195.78	21.293		
16,300.00	6,840.00	6,692.49	6,691.80	280.65	1.79	-89.74	-1,637.63	-8,269.16	4,235.68	4,041.40	194.28	21.802		
16,400.00	6,840.00	6,692.37	6,691.69	283.34	1.79	-89.74	-1,637.63	-8,269.16	4,303.74	4,110.97	192.77	22.326		
16,500.00	6,840.00	6,692.26	6,691.57	286.03	1.79	-89.74	-1,637.63	-8,269.16	4,373.03	4,181.77	191.26	22.865		
16,600.00	6,840.00	6,692.15	6,691.46	288.72	1.79	-89.73	-1,637.63	-8,269.16	4,443.49	4,253.74	189.74	23.418		
16,700.00	6,840.00	6,692.04	6,691.35	291.41	1.79	-89.73	-1,637.63	-8,269.16	4,515.06	4,326.82	188.24	23.986		
16,800.00	6,840.00	6,691.93	6,691.24	294.10	1.79	-89.73	-1,637.63	-8,269.16	4,587.70	4,400.96	186.74	24.568		
16,900.00	6,840.00	6,691.82	6,691.13	296.79	1.79	-89.73	-1,637.63	-8,269.16	4,661.35	4,476.10	185.25	25.163		
17,000.00	6,840.00	6,691.71	6,691.02	299.48	1.79	-89.73	-1,637.63	-8,269.16	4,735.96	4,552.19	183.77	25.771		
17,100.00	6,840.00	6,691.60	6,690.91	302.17	1.79	-89.72	-1,637.63	-8,269.16	4,811.50	4,629.19	182.31	26.393		
17,200.00	6,840.00	6,700.00	6,699.31	304.86	1.79	-89.88	-1,637.66	-8,269.14	4,887.93	4,707.05	180.88	27.024		
17,300.00	6,840.00	6,700.00	6,699.31	307.56	1.79	-89.88	-1,637.66	-8,269.14	4,965.18	4,785.74	179.45	27.670		
17,400.00	6,840.00	6,700.00	6,699.31	310.25	1.79	-89.88	-1,637.66	-8,269.14	5,043.23	4,865.20	178.03	28.327		
17,500.00	6,840.00	6,700.00	6,699.31	312.94	1.79	-89.88	-1,637.66	-8,269.14	5,122.05	4,945.41	176.64	28.997		
17,600.00	6,840.00	6,700.00	6,699.31	315.64	1.79	-89.88	-1,637.66	-8,269.14	5,201.60	5,026.32	175.27	29.677		
17,700.00	6,840.00	6,700.00	6,699.31	318.33	1.79	-89.88	-1,637.66	-8,269.14	5,281.84	5,107.92	173.92	30.369		
17,800.00	6,840.00	6,700.00	6,699.31	321.03	1.79	-89.88	-1,637.66	-8,269.14	5,362.74	5,190.15	172.59	31.071		
17,900.00	6,840.00	6,700.00	6,699.31	323.72	1.79	-89.88	-1,637.66	-8,269.14	5,444.28	5,272.99	171.29	31.784		
18,000.00	6,840.00	6,700.00	6,699.31	326.42	1.79	-89.88	-1,637.66	-8,269.14	5,526.43	5,356.42	170.01	32.507		
18,100.00	6,840.00	6,700.00	6,699.31	329.11	1.79	-89.88	-1,637.66	-8,269.14	5,609.15	5,440.41	168.75	33.240		
18,200.00	6,840.00	6,700.00	6,699.31	331.81	1.79	-89.88	-1,637.66	-8,269.14	5,692.43	5,524.92	167.51	33.983		
18,300.00	6,840.00	6,700.00	6,699.31	334.51	1.79	-89.88	-1,637.66	-8,269.14	5,776.24	5,609.95	166.29	34.735		
18,400.00	6,840.00	6,700.00	6,699.31	337.20	1.79	-89.88	-1,637.66	-8,269.14	5,860.56	5,695.46	165.10	35.497		
18,500.00	6,840.00	6,700.00	6,699.31	339.90	1.79	-89.88	-1,637.66	-8,269.14	5,945.36	5,781.43	163.93	36.267		
18,600.00	6,840.00	6,700.00	6,699.31	342.60	1.79	-89.88	-1,637.66	-8,269.14	6,030.63	5,867.85	162.79	37.046		
18,700.00	6,840.00	6,700.00	6,699.31	345.30	1.79	-89.88	-1,637.66	-8,269.14	6,116.35	5,954.69	161.66	37.834		
18,800.00	6,840.00	6,700.00	6,699.31	348.00	1.79	-89.88	-1,637.66	-8,269.14	6,202.50	6,041.93	160.56	38.630		
18,900.00	6,840.00	6,700.00	6,699.31	350.70	1.79	-89.88	-1,637.66	-8,269.14	6,289.05	6,129.57	159.48	39.434		
19,000.00	6,840.00	6,700.00	6,699.31	353.39	1.79	-89.88	-1,637.66	-8,269.14	6,376.00	6,217.57	158.43	40.246		
19,100.00	6,840.00	6,700.00	6,699.31	356.09	1.79	-89.88	-1,637.66	-8,269.14	6,463.32	6,305.93	157.39	41.065		
19,200.00	6,840.00	6,700.00	6,699.31	358.79	1.79	-89.88	-1,637.66	-8,269.14	6,551.01	6,394.63	156.38	41.892		
19,300.00	6,840.00	6,700.00	6,699.31	361.49	1.79	-89.88	-1,637.66	-8,269.14	6,639.05	6,483.66	155.38	42.727		
19,400.00	6,840.00	6,700.00	6,699.31	364.20	1.79	-89.88	-1,637.66	-8,269.14	6,727.42	6,573.01	154.41	43.569		
19,500.00	6,840.00	6,700.00	6,699.31	366.90	1.79	-89.88	-1,637.66	-8,269.14	6,816.11	6,662.65	153.46	44.417		
19,600.00	6,840.00	6,700.00	6,699.31	369.60	1.79	-89.88	-1,637.66	-8,269.14	6,905.11	6,752.58	152.52	45.273		
19,700.00	6,840.00	6,700.00	6,699.31	372.30	1.79	-89.88	-1,637.66	-8,269.14	6,994.41	6,842.80	151.61	46.135		
19,800.00	6,840.00	6,700.00	6,699.31	375.00	1.79	-89.88	-1,637.66	-8,269.14	7,083.99	6,933.28	150.71	47.003		
19,900.00	6,840.00	6,700.00	6,699.31	377.70	1.79	-89.88	-1,637.66	-8,269.14	7,173.85	7,024.01	149.84	47.878		
20,000.00	6,840.00	6,700.00	6,699.31	380.40	1.79	-89.88	-1,637.66	-8,269.14	7,263.97	7,114.99	148.98	48.759		
20,100.00	6,840.00	6,700.00	6,699.31	383.11	1.79	-89.88	-1,637.66	-8,269.14	7,354.35	7,206.21	148.14	49.646		
20,200.00	6,840.00	6,700.00	6,699.31	385.81	1.79	-89.88	-1,637.66	-8,269.14	7,444.98	7,297.66	147.31	50.538		
20,300.00	6,840.00	6,700.00	6,699.31	388.51	1.79	-89.88	-1,637.66	-8,269.14	7,535.84	7,389.33	146.51	51.436		
20,400.00	6,840.00	6,700.00	6,699.31	391.22	1.79	-89.88	-1,637.66	-8,269.14	7,626.93	7,481.21	145.72	52.340		
20,500.00	6,840.00	6,700.00	6,699.31	393.92	1.79	-89.88	-1,637.66	-8,269.14	7,718.24	7,573.30	144.94	53.249		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,700.00	6,699.31	394.99	1.79	-89.88	-1,637.66	-8,269.14	7,754.55	7,609.91	144.64	53.612	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-103.60	-1,667.92	-6,895.25	7,095.15					
100.00	100.00	0.00	0.00	0.13	0.00	-103.60	-1,667.92	-6,895.25	7,094.15	7,094.01	0.13	N/A		
121.48	121.48	0.43	0.43	0.21	0.00	-103.60	-1,667.92	-6,895.25	7,094.11	7,093.90	0.21	N/A		
200.00	200.00	71.76	71.76	0.49	0.08	-103.60	-1,667.84	-6,895.31	7,094.15	7,093.59	0.57	N/A		
300.00	300.00	174.36	174.36	0.85	0.20	-103.59	-1,667.54	-6,895.50	7,094.26	7,093.21	1.05	6,746.746		
400.00	400.00	268.42	268.42	1.21	0.29	-103.59	-1,667.25	-6,895.65	7,094.35	7,092.85	1.50	4,741.797		
500.00	500.00	373.41	373.40	1.57	0.37	-103.59	-1,666.87	-6,895.90	7,094.50	7,092.58	1.92	3,686.838		
600.00	599.98	480.31	480.31	1.92	0.44	-49.00	-1,666.25	-6,896.07	7,093.37	7,091.03	2.34	3,031.733		
700.00	699.84	581.41	581.40	2.28	0.50	-49.08	-1,665.71	-6,896.17	7,089.91	7,087.16	2.75	2,582.562		
800.00	799.45	680.88	680.87	2.65	0.55	-49.22	-1,665.29	-6,896.23	7,084.16	7,081.01	3.15	2,248.556		
900.00	898.70	778.87	778.87	3.02	0.60	-49.41	-1,664.95	-6,896.29	7,076.15	7,072.59	3.56	1,987.864		
1,000.00	997.47	874.50	874.49	3.42	0.65	-49.66	-1,664.66	-6,896.37	7,065.93	7,061.95	3.98	1,776.819		
1,100.00	1,095.62	969.88	969.88	3.84	0.69	-49.96	-1,664.45	-6,896.47	7,053.53	7,049.13	4.41	1,601.183		
1,200.00	1,193.06	1,067.28	1,067.27	4.30	0.71	-50.32	-1,664.42	-6,896.55	7,038.97	7,034.13	4.84	1,453.688		
1,300.00	1,289.64	1,159.26	1,159.25	4.79	0.73	-50.74	-1,664.50	-6,896.61	7,022.27	7,016.96	5.31	1,323.062		
1,400.00	1,385.27	1,249.96	1,249.95	5.33	0.75	-51.21	-1,664.64	-6,896.74	7,003.54	6,997.73	5.81	1,206.159		
1,500.00	1,479.82	1,342.96	1,342.95	5.92	0.77	-51.74	-1,664.94	-6,896.87	6,982.79	6,976.45	6.34	1,101.558		
1,600.00	1,573.17	1,435.22	1,435.21	6.56	0.79	-52.33	-1,665.29	-6,897.00	6,960.04	6,953.13	6.91	1,007.461		
1,700.00	1,665.22	1,525.58	1,525.57	7.26	0.81	-52.93	-1,665.65	-6,897.15	6,935.38	6,927.87	7.52	922.347		
1,800.00	1,756.74	1,616.03	1,616.02	7.99	0.83	-53.18	-1,666.04	-6,897.29	6,910.07	6,901.91	8.15	847.421		
1,900.00	1,848.26	1,698.07	1,698.05	8.75	0.85	-53.41	-1,666.40	-6,897.49	6,884.98	6,876.17	8.80	781.960		
2,000.00	1,939.78	1,785.84	1,785.83	9.51	0.88	-53.66	-1,666.77	-6,897.80	6,860.12	6,850.65	9.47	724.192		
2,100.00	2,031.30	1,885.89	1,885.87	10.29	0.91	-53.94	-1,667.09	-6,898.16	6,835.39	6,825.23	10.16	672.978		
2,200.00	2,122.82	1,978.34	1,978.33	11.07	0.94	-54.20	-1,667.27	-6,898.44	6,810.72	6,799.87	10.85	627.698		
2,300.00	2,214.34	2,097.54	2,097.52	11.86	0.94	-54.54	-1,667.41	-6,898.62	6,786.06	6,774.53	11.53	588.699		
2,400.00	2,305.85	2,191.27	2,191.25	12.66	0.96	-54.81	-1,667.35	-6,898.56	6,761.30	6,749.08	12.22	553.272		
2,500.00	2,397.37	2,283.62	2,283.61	13.46	0.97	-55.08	-1,667.31	-6,898.47	6,736.67	6,723.76	12.92	521.534		
2,600.00	2,488.89	2,364.94	2,364.92	14.26	0.97	-55.31	-1,667.32	-6,898.43	6,712.25	6,698.63	13.62	492.975		
2,700.00	2,580.41	2,432.85	2,432.83	15.07	0.98	-55.51	-1,667.31	-6,898.55	6,688.19	6,673.86	14.33	466.679		
2,800.00	2,671.93	2,500.00	2,499.98	15.88	1.00	-55.71	-1,667.30	-6,899.03	6,664.71	6,649.65	15.06	442.444		
2,900.00	2,763.45	2,578.00	2,577.98	16.69	1.02	-55.94	-1,667.25	-6,899.84	6,641.66	6,625.86	15.80	420.281		
3,000.00	2,854.97	2,664.98	2,664.95	17.51	1.05	-56.19	-1,667.11	-6,900.80	6,618.82	6,602.27	16.55	399.953		
3,100.00	2,946.49	2,754.59	2,754.56	18.32	1.08	-56.45	-1,667.01	-6,901.85	6,596.20	6,578.90	17.30	381.269		
3,200.00	3,038.00	2,848.20	2,848.16	19.14	1.11	-56.73	-1,667.06	-6,902.89	6,573.74	6,555.68	18.06	364.030		
3,300.00	3,129.52	3,018.13	3,018.08	19.96	1.14	-57.25	-1,667.43	-6,903.87	6,551.16	6,532.35	18.81	348.275		
3,400.00	3,221.04	3,095.94	3,095.89	20.77	1.15	-57.49	-1,668.26	-6,903.63	6,528.10	6,508.53	19.57	333.581		
3,500.00	3,312.56	3,159.20	3,159.14	21.59	1.16	-57.70	-1,669.35	-6,903.41	6,505.42	6,485.08	20.33	319.924		
3,600.00	3,404.08	3,221.36	3,221.28	22.42	1.17	-57.90	-1,670.69	-6,903.40	6,483.32	6,462.22	21.10	307.229		
3,700.00	3,495.60	3,283.95	3,283.86	23.24	1.19	-58.10	-1,672.06	-6,903.68	6,461.82	6,439.94	21.88	295.361		
3,800.00	3,587.12	3,354.00	3,353.89	24.06	1.20	-58.33	-1,673.51	-6,904.32	6,440.87	6,418.21	22.66	284.253		
3,900.00	3,678.63	3,437.47	3,437.35	24.88	1.22	-58.60	-1,675.02	-6,905.40	6,420.35	6,396.91	23.45	273.831		
4,000.00	3,770.15	3,547.89	3,547.74	25.71	1.26	-58.95	-1,676.12	-6,907.06	6,399.93	6,375.69	24.24	264.021		
4,100.00	3,861.67	3,657.86	3,657.70	26.53	1.29	-59.29	-1,676.12	-6,908.73	6,379.35	6,354.32	25.04	254.805		
4,200.00	3,953.19	3,763.90	3,763.73	27.35	1.32	-59.63	-1,675.75	-6,910.26	6,358.77	6,332.94	25.83	246.134		
4,300.00	4,044.71	3,864.23	3,864.05	28.18	1.35	-59.94	-1,675.29	-6,911.52	6,338.16	6,311.53	26.64	237.959		
4,400.00	4,136.23	3,966.17	3,965.98	29.01	1.38	-60.26	-1,674.97	-6,912.62	6,317.64	6,290.20	27.44	230.230		
4,500.00	4,227.75	4,068.33	4,068.14	29.83	1.41	-60.59	-1,674.84	-6,913.44	6,297.12	6,268.87	28.25	222.907		
4,600.00	4,319.27	4,153.67	4,153.48	30.66	1.43	-60.87	-1,675.01	-6,913.94	6,276.73	6,247.66	29.06	215.957		
4,700.00	4,410.78	4,246.95	4,246.76	31.48	1.46	-61.18	-1,675.29	-6,914.60	6,256.66	6,226.77	29.88	209.363		
4,800.00	4,502.30	4,357.45	4,357.25	32.31	1.49	-61.54	-1,675.68	-6,915.07	6,236.55	6,205.85	30.71	203.102		
4,900.00	4,593.82	4,460.79	4,460.60	33.14	1.51	-61.89	-1,676.07	-6,915.21	6,216.42	6,184.89	31.53	197.169		
5,000.00	4,685.34	4,722.21	4,721.99	33.96	1.52	-62.79	-1,676.45	-6,912.47	6,195.90	6,163.60	32.29	191.859		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,849.21	4,848.90	34.79	1.52	-63.24	-1,677.36	-6,907.92	6,173.19	6,140.09	33.09	186.535		
5,200.00	4,868.38	4,931.40	4,931.02	35.62	1.53	-63.55	-1,678.27	-6,904.68	6,150.60	6,116.69	33.91	181.357		
5,300.00	4,959.90	5,000.00	4,999.57	36.45	1.53	-63.80	-1,679.10	-6,902.12	6,128.47	6,093.73	34.74	176.395		
5,400.00	5,051.41	5,048.79	5,048.33	37.27	1.53	-63.98	-1,679.71	-6,900.57	6,107.04	6,071.45	35.58	171.635		
5,500.00	5,142.93	5,100.00	5,099.52	38.10	1.53	-64.17	-1,680.34	-6,899.38	6,086.48	6,050.06	36.42	167.109		
5,600.00	5,234.45	5,189.36	5,188.86	38.93	1.54	-64.50	-1,681.39	-6,897.67	6,066.47	6,029.22	37.26	162.827		
5,700.00	5,325.97	5,253.17	5,252.66	39.76	1.54	-64.73	-1,682.02	-6,896.59	6,046.82	6,008.72	38.10	158.702		
5,800.00	5,417.49	5,319.40	5,318.88	40.59	1.55	-64.97	-1,682.47	-6,895.96	6,027.85	5,988.90	38.95	154.765		
5,900.00	5,509.01	5,407.70	5,407.17	41.42	1.56	-65.29	-1,683.15	-6,895.26	6,009.28	5,969.48	39.79	151.008		
6,000.00	5,600.53	5,477.74	5,477.21	42.25	1.57	-65.55	-1,683.83	-6,894.81	5,991.12	5,950.47	40.65	147.384		
6,100.00	5,692.04	5,552.92	5,552.38	43.07	1.58	-65.82	-1,684.64	-6,894.53	5,973.48	5,931.97	41.51	143.908		
6,200.00	5,783.56	5,637.72	5,637.18	43.90	1.60	-66.14	-1,685.54	-6,894.43	5,956.26	5,913.89	42.37	140.571		
6,300.00	5,875.08	5,750.60	5,750.06	44.73	1.61	-66.55	-1,685.99	-6,894.59	5,939.19	5,895.97	43.23	137.395		
6,400.00	5,966.60	5,909.65	5,909.10	45.56	1.62	-67.12	-1,684.75	-6,894.43	5,921.64	5,877.58	44.06	134.401		
6,500.00	6,058.12	6,026.05	6,025.50	46.39	1.62	-67.54	-1,683.80	-6,893.21	5,903.51	5,858.61	44.90	131.469		
6,600.00	6,149.64	6,119.32	6,118.76	47.22	1.62	-67.89	-1,683.21	-6,891.91	5,885.42	5,839.66	45.76	128.611		
6,700.00	6,241.16	6,206.59	6,206.01	48.05	1.63	-68.21	-1,682.74	-6,890.67	5,867.59	5,820.96	46.62	125.848		
6,800.00	6,332.68	6,279.12	6,278.53	48.88	1.63	-68.48	-1,682.48	-6,889.73	5,850.17	5,802.67	47.50	123.172		
6,900.00	6,424.19	6,355.31	6,354.72	49.71	1.63	-68.77	-1,682.39	-6,888.90	5,833.25	5,784.88	48.37	120.598		
7,000.00	6,514.88	6,437.86	6,437.26	50.58	1.64	-69.54	-1,682.38	-6,888.14	5,814.76	5,765.49	49.27	118.017		
7,100.00	6,599.14	6,523.74	6,523.15	51.67	1.65	-69.82	-1,682.44	-6,887.34	5,793.95	5,733.61	50.34	114.906		
7,200.00	6,673.85	6,603.42	6,602.82	53.01	1.65	-69.56	-1,682.53	-6,886.51	5,740.13	5,688.57	51.56	111.321		
7,300.00	6,736.73	6,662.84	6,662.24	54.56	1.66	-69.72	-1,682.60	-6,885.87	5,684.85	5,631.93	52.92	107.418		
7,400.00	6,785.87	6,707.69	6,707.09	56.29	1.66	-69.69	-1,682.67	-6,885.39	5,619.92	5,565.55	54.37	103.361		
7,500.00	6,819.79	6,733.92	6,733.31	58.13	1.67	-72.55	-1,682.76	-6,885.11	5,547.40	5,491.54	55.86	99.300		
7,600.00	6,837.44	6,747.15	6,746.54	60.02	1.67	-83.41	-1,682.82	-6,884.97	5,469.49	5,412.14	57.35	95.371		
7,700.00	6,840.00	6,748.35	6,747.74	61.90	1.67	-90.52	-1,682.83	-6,884.96	5,388.70	5,329.91	58.79	91.662		
7,800.00	6,840.00	6,747.51	6,746.90	63.83	1.67	-90.50	-1,682.83	-6,884.97	5,308.12	5,247.86	60.27	88.076		
7,900.00	6,840.00	6,746.67	6,746.06	65.81	1.67	-90.49	-1,682.82	-6,884.98	5,228.22	5,166.41	61.81	84.588		
8,000.00	6,840.00	6,745.83	6,745.23	67.84	1.67	-90.47	-1,682.82	-6,884.99	5,149.01	5,085.60	63.41	81.199		
8,100.00	6,840.00	6,744.99	6,744.39	69.91	1.67	-90.46	-1,682.81	-6,884.99	5,070.54	5,005.46	65.08	77.912		
8,200.00	6,840.00	6,744.16	6,743.55	72.03	1.67	-90.44	-1,682.81	-6,885.00	4,992.84	4,926.02	66.81	74.727		
8,300.00	6,840.00	6,743.32	6,742.71	74.18	1.67	-90.43	-1,682.80	-6,885.01	4,915.94	4,847.33	68.61	71.646		
8,400.00	6,840.00	6,742.48	6,741.87	76.37	1.67	-90.41	-1,682.80	-6,885.02	4,839.89	4,769.41	70.48	68.668		
8,500.00	6,840.00	6,741.64	6,741.03	78.59	1.67	-90.40	-1,682.80	-6,885.03	4,764.72	4,692.31	72.42	65.794		
8,600.00	6,840.00	6,740.80	6,740.19	80.85	1.67	-90.38	-1,682.79	-6,885.04	4,690.49	4,616.06	74.42	63.024		
8,700.00	6,840.00	6,739.96	6,739.35	83.13	1.67	-90.37	-1,682.79	-6,885.05	4,617.22	4,540.72	76.50	60.357		
8,800.00	6,840.00	6,739.12	6,738.51	85.44	1.67	-90.35	-1,682.78	-6,885.06	4,544.97	4,466.33	78.64	57.793		
8,900.00	6,840.00	6,738.27	6,737.67	87.77	1.67	-90.34	-1,682.78	-6,885.06	4,473.79	4,392.93	80.86	55.329		
9,000.00	6,840.00	6,737.43	6,736.83	90.12	1.67	-90.32	-1,682.78	-6,885.07	4,403.73	4,320.59	83.14	52.966		
9,100.00	6,840.00	6,736.59	6,735.98	92.50	1.67	-90.31	-1,682.77	-6,885.08	4,334.85	4,249.35	85.50	50.701		
9,200.00	6,840.00	6,735.75	6,735.14	94.89	1.67	-90.29	-1,682.77	-6,885.09	4,267.19	4,179.27	87.92	48.533		
9,300.00	6,840.00	6,734.91	6,734.30	97.30	1.67	-90.28	-1,682.77	-6,885.10	4,200.83	4,110.41	90.42	46.460		
9,400.00	6,840.00	6,734.06	6,733.46	99.73	1.67	-90.26	-1,682.76	-6,885.11	4,135.82	4,042.84	92.98	44.480		
9,500.00	6,840.00	6,733.22	6,732.62	102.17	1.67	-90.25	-1,682.76	-6,885.12	4,072.23	3,976.62	95.61	42.592		
9,600.00	6,840.00	6,732.38	6,731.77	104.63	1.67	-90.23	-1,682.75	-6,885.13	4,010.12	3,911.82	98.30	40.793		
9,700.00	6,840.00	6,731.54	6,730.93	107.10	1.67	-90.22	-1,682.75	-6,885.14	3,949.57	3,848.51	101.06	39.081		
9,800.00	6,840.00	6,730.69	6,730.09	109.58	1.67	-90.20	-1,682.75	-6,885.14	3,890.65	3,786.77	103.88	37.455		
9,900.00	6,840.00	6,729.85	6,729.24	112.07	1.67	-90.19	-1,682.74	-6,885.15	3,833.43	3,726.68	106.75	35.911		
10,000.00	6,840.00	6,729.01	6,728.40	114.58	1.67	-90.17	-1,682.74	-6,885.16	3,777.99	3,668.32	109.67	34.448		
10,100.00	6,840.00	6,728.16	6,727.55	117.09	1.67	-90.15	-1,682.74	-6,885.17	3,724.41	3,611.77	112.64	33.065		
10,200.00	6,840.00	6,727.32	6,726.71	119.61	1.67	-90.14	-1,682.73	-6,885.18	3,672.77	3,557.12	115.65	31.757		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,726.47	6,725.87	122.14	1.67	-90.12	-1,682.73	-6,885.19	3,623.16	3,504.46	118.70	30.524		
10,400.00	6,840.00	6,725.63	6,725.02	124.68	1.67	-90.11	-1,682.73	-6,885.20	3,575.66	3,453.88	121.77	29.364		
10,500.00	6,840.00	6,724.78	6,724.18	127.23	1.67	-90.09	-1,682.72	-6,885.21	3,530.35	3,405.48	124.87	28.273		
10,600.00	6,840.00	6,723.94	6,723.33	129.78	1.67	-90.08	-1,682.72	-6,885.22	3,487.31	3,359.34	127.97	27.251		
10,700.00	6,840.00	6,723.09	6,722.48	132.35	1.67	-90.06	-1,682.72	-6,885.22	3,446.65	3,315.57	131.08	26.294		
10,800.00	6,840.00	6,722.24	6,721.64	134.91	1.67	-90.05	-1,682.72	-6,885.23	3,408.43	3,274.25	134.18	25.402		
10,900.00	6,840.00	6,721.40	6,720.79	137.49	1.67	-90.03	-1,682.71	-6,885.24	3,372.74	3,235.49	137.26	24.572		
11,000.00	6,840.00	6,720.55	6,719.95	140.07	1.67	-90.02	-1,682.71	-6,885.25	3,339.67	3,199.36	140.31	23.802		
11,100.00	6,840.00	6,719.70	6,719.10	142.65	1.67	-90.00	-1,682.71	-6,885.26	3,309.29	3,165.98	143.32	23.091		
11,200.00	6,840.00	6,718.86	6,718.25	145.24	1.67	-89.99	-1,682.70	-6,885.27	3,281.68	3,135.41	146.27	22.436		
11,300.00	6,840.00	6,718.01	6,717.40	147.83	1.67	-89.97	-1,682.70	-6,885.28	3,256.91	3,107.75	149.16	21.836		
11,400.00	6,840.00	6,717.16	6,716.56	150.43	1.67	-89.96	-1,682.70	-6,885.29	3,235.03	3,083.07	151.96	21.289		
11,500.00	6,840.00	6,716.31	6,715.71	153.04	1.66	-89.94	-1,682.70	-6,885.30	3,216.12	3,061.45	154.68	20.793		
11,600.00	6,840.00	6,715.47	6,714.86	155.64	1.66	-89.93	-1,682.69	-6,885.31	3,200.23	3,042.94	157.29	20.347		
11,700.00	6,840.00	6,714.62	6,714.01	158.26	1.66	-89.91	-1,682.69	-6,885.31	3,187.39	3,027.61	159.78	19.949		
11,800.00	6,840.00	6,713.77	6,713.16	160.87	1.66	-89.89	-1,682.69	-6,885.32	3,177.65	3,015.50	162.15	19.597		
11,900.00	6,840.00	6,712.92	6,712.31	163.49	1.66	-89.88	-1,682.69	-6,885.33	3,171.03	3,006.65	164.38	19.291		
12,000.00	6,840.00	6,712.07	6,711.47	166.11	1.66	-89.86	-1,682.68	-6,885.34	3,167.56	3,001.09	166.47	19.028		
12,060.04	6,840.00	6,711.56	6,710.96	167.69	1.66	-89.85	-1,682.68	-6,885.35	3,166.99	2,999.34	167.65	18.891 CC		
12,100.00	6,840.00	6,711.22	6,710.62	168.74	1.66	-89.85	-1,682.68	-6,885.35	3,167.24	2,998.84	168.40	18.808 ES		
12,200.00	6,840.00	6,710.37	6,709.77	171.37	1.66	-89.83	-1,682.68	-6,885.36	3,170.08	2,999.90	170.18	18.628		
12,300.00	6,840.00	6,709.52	6,708.92	174.00	1.66	-89.82	-1,682.68	-6,885.37	3,176.07	3,004.28	171.79	18.488		
12,400.00	6,840.00	6,708.67	6,708.07	176.63	1.66	-89.80	-1,682.68	-6,885.38	3,185.18	3,011.95	173.24	18.386		
12,500.00	6,840.00	6,707.82	6,707.22	179.27	1.66	-89.79	-1,682.67	-6,885.39	3,197.40	3,022.89	174.52	18.322		
12,600.00	6,840.00	6,708.52	6,707.92	181.91	1.66	-89.80	-1,682.67	-6,885.38	3,212.68	3,037.06	175.63	18.293 SF		
12,700.00	6,840.00	6,707.48	6,706.88	184.55	1.66	-89.78	-1,682.67	-6,885.39	3,230.99	3,054.42	176.57	18.299		
12,800.00	6,840.00	6,706.44	6,705.84	187.19	1.66	-89.76	-1,682.67	-6,885.40	3,252.28	3,074.93	177.35	18.338		
12,900.00	6,840.00	6,705.40	6,704.80	189.84	1.66	-89.74	-1,682.67	-6,885.41	3,276.47	3,098.50	177.97	18.410		
13,000.00	6,840.00	6,704.36	6,703.76	192.48	1.66	-89.72	-1,682.67	-6,885.42	3,303.52	3,125.09	178.43	18.514		
13,100.00	6,840.00	6,703.32	6,702.71	195.13	1.66	-89.71	-1,682.66	-6,885.43	3,333.35	3,154.60	178.75	18.648		
13,200.00	6,840.00	6,702.28	6,701.67	197.79	1.66	-89.69	-1,682.66	-6,885.44	3,365.89	3,186.97	178.92	18.812		
13,300.00	6,840.00	6,701.23	6,700.63	200.44	1.66	-89.67	-1,682.66	-6,885.46	3,401.06	3,222.09	178.96	19.004		
13,400.00	6,840.00	6,700.19	6,699.58	203.10	1.66	-89.65	-1,682.66	-6,885.47	3,438.77	3,259.89	178.88	19.224		
13,500.00	6,840.00	6,699.14	6,698.54	205.75	1.66	-89.63	-1,682.66	-6,885.48	3,478.95	3,300.28	178.67	19.471		
13,600.00	6,840.00	6,698.10	6,697.49	208.41	1.66	-89.61	-1,682.66	-6,885.49	3,521.52	3,343.16	178.36	19.744		
13,700.00	6,840.00	6,697.05	6,696.44	211.07	1.66	-89.59	-1,682.65	-6,885.50	3,566.38	3,388.43	177.94	20.042		
13,800.00	6,840.00	6,696.00	6,695.40	213.74	1.66	-89.57	-1,682.65	-6,885.51	3,613.45	3,436.01	177.44	20.364		
13,900.00	6,840.00	6,694.95	6,694.35	216.40	1.66	-89.55	-1,682.65	-6,885.52	3,662.64	3,485.79	176.85	20.711		
14,000.00	6,840.00	6,693.90	6,693.30	219.06	1.66	-89.54	-1,682.65	-6,885.53	3,713.88	3,537.70	176.18	21.080		
14,100.00	6,840.00	6,692.85	6,692.25	221.73	1.66	-89.52	-1,682.65	-6,885.54	3,767.08	3,591.62	175.45	21.471		
14,200.00	6,840.00	6,691.80	6,691.20	224.40	1.66	-89.50	-1,682.65	-6,885.56	3,822.15	3,647.49	174.66	21.883		
14,300.00	6,840.00	6,690.75	6,690.15	227.07	1.66	-89.48	-1,682.64	-6,885.57	3,879.02	3,705.20	173.81	22.317		
14,400.00	6,840.00	6,689.70	6,689.09	229.74	1.66	-89.46	-1,682.64	-6,885.58	3,937.60	3,764.68	172.92	22.771		
14,500.00	6,840.00	6,688.65	6,688.04	232.41	1.66	-89.44	-1,682.64	-6,885.59	3,997.83	3,825.84	171.99	23.244		
14,600.00	6,840.00	6,687.59	6,686.99	235.08	1.66	-89.42	-1,682.64	-6,885.60	4,059.63	3,888.60	171.03	23.737		
14,700.00	6,840.00	6,686.54	6,685.93	237.75	1.66	-89.40	-1,682.64	-6,885.61	4,122.93	3,952.89	170.04	24.247		
14,800.00	6,840.00	6,685.48	6,684.88	240.43	1.66	-89.38	-1,682.63	-6,885.62	4,187.66	4,018.64	169.02	24.776		
14,900.00	6,840.00	6,684.43	6,683.82	243.10	1.66	-89.36	-1,682.63	-6,885.63	4,253.75	4,085.77	167.99	25.322		
15,000.00	6,840.00	6,683.37	6,682.76	245.78	1.66	-89.34	-1,682.63	-6,885.65	4,321.15	4,154.21	166.94	25.885		
15,100.00	6,840.00	6,682.31	6,681.71	248.46	1.66	-89.33	-1,682.63	-6,885.66	4,389.79	4,223.92	165.88	26.464		
15,200.00	6,840.00	6,681.25	6,680.65	251.14	1.66	-89.31	-1,682.63	-6,885.67	4,459.62	4,294.81	164.81	27.059		
15,300.00	6,840.00	6,680.19	6,679.59	253.82	1.66	-89.29	-1,682.63	-6,885.68	4,530.58	4,366.84	163.74	27.670		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,679.13	6,678.53	256.50	1.66	-89.27	-1,682.62	-6,885.69	4,602.61	4,439.95	162.67	28.295		
15,500.00	6,840.00	6,678.07	6,677.47	259.18	1.66	-89.25	-1,682.62	-6,885.70	4,675.68	4,514.08	161.59	28.935		
15,600.00	6,840.00	6,677.01	6,676.40	261.86	1.66	-89.23	-1,682.62	-6,885.71	4,749.73	4,589.20	160.53	29.589		
15,700.00	6,840.00	6,675.95	6,675.34	264.54	1.66	-89.21	-1,682.62	-6,885.72	4,824.71	4,665.25	159.46	30.256		
15,800.00	6,840.00	6,674.88	6,674.28	267.23	1.66	-89.19	-1,682.62	-6,885.74	4,900.58	4,742.18	158.41	30.937		
15,900.00	6,840.00	6,673.82	6,673.21	269.91	1.66	-89.17	-1,682.62	-6,885.75	4,977.31	4,819.95	157.36	31.630		
16,000.00	6,840.00	6,672.75	6,672.15	272.59	1.66	-89.15	-1,682.62	-6,885.76	5,054.85	4,898.53	156.32	32.336		
16,100.00	6,840.00	6,671.69	6,671.08	275.28	1.66	-89.13	-1,682.61	-6,885.77	5,133.17	4,977.88	155.29	33.055		
16,200.00	6,840.00	6,670.62	6,670.02	277.97	1.66	-89.11	-1,682.61	-6,885.78	5,212.23	5,057.95	154.28	33.785		
16,300.00	6,840.00	6,669.55	6,668.95	280.65	1.66	-89.09	-1,682.61	-6,885.79	5,292.00	5,138.72	153.28	34.526		
16,400.00	6,840.00	6,668.48	6,667.88	283.34	1.66	-89.08	-1,682.61	-6,885.80	5,372.44	5,220.16	152.29	35.279		
16,500.00	6,840.00	6,667.42	6,666.81	286.03	1.66	-89.06	-1,682.61	-6,885.82	5,453.54	5,302.23	151.31	36.042		
16,600.00	6,840.00	6,666.35	6,665.74	288.72	1.66	-89.04	-1,682.61	-6,885.83	5,535.25	5,384.90	150.35	36.816		
16,700.00	6,840.00	6,665.27	6,664.67	291.41	1.66	-89.02	-1,682.60	-6,885.84	5,617.55	5,468.14	149.40	37.600		
16,800.00	6,840.00	6,664.20	6,663.60	294.10	1.66	-89.00	-1,682.60	-6,885.85	5,700.42	5,551.94	148.47	38.393		
16,900.00	6,840.00	6,663.13	6,662.53	296.79	1.66	-88.98	-1,682.60	-6,885.86	5,783.82	5,636.27	147.56	39.197		
17,000.00	6,840.00	6,662.06	6,661.45	299.48	1.66	-88.96	-1,682.60	-6,885.87	5,867.75	5,721.09	146.66	40.010		
17,100.00	6,840.00	6,660.98	6,660.38	302.17	1.66	-88.94	-1,682.60	-6,885.89	5,952.18	5,806.40	145.77	40.832		
17,200.00	6,840.00	6,659.91	6,659.31	304.86	1.66	-88.92	-1,682.60	-6,885.90	6,037.08	5,892.17	144.90	41.662		
17,300.00	6,840.00	6,658.83	6,658.23	307.56	1.66	-88.90	-1,682.59	-6,885.91	6,122.43	5,978.38	144.05	42.502		
17,400.00	6,840.00	6,657.76	6,657.15	310.25	1.66	-88.88	-1,682.59	-6,885.92	6,208.22	6,065.01	143.21	43.349		
17,500.00	6,840.00	6,656.68	6,656.08	312.94	1.66	-88.86	-1,682.59	-6,885.93	6,294.44	6,152.04	142.39	44.205		
17,600.00	6,840.00	6,655.60	6,655.00	315.64	1.66	-88.84	-1,682.59	-6,885.94	6,381.05	6,239.46	141.59	45.068		
17,700.00	6,840.00	6,654.52	6,653.92	318.33	1.66	-88.82	-1,682.59	-6,885.95	6,468.05	6,327.25	140.79	45.940		
17,800.00	6,840.00	6,653.44	6,652.84	321.03	1.66	-88.80	-1,682.59	-6,885.97	6,555.42	6,415.40	140.02	46.818		
17,900.00	6,840.00	6,652.36	6,651.76	323.72	1.66	-88.78	-1,682.59	-6,885.98	6,643.15	6,503.89	139.26	47.704		
18,000.00	6,840.00	6,651.28	6,650.68	326.42	1.66	-88.76	-1,682.58	-6,885.99	6,731.22	6,592.70	138.51	48.597		
18,100.00	6,840.00	6,650.20	6,649.60	329.11	1.66	-88.74	-1,682.58	-6,886.00	6,819.61	6,681.83	137.78	49.497		
18,200.00	6,840.00	6,649.12	6,648.51	331.81	1.66	-88.72	-1,682.58	-6,886.01	6,908.33	6,771.26	137.06	50.403		
18,300.00	6,840.00	6,648.03	6,647.43	334.51	1.66	-88.71	-1,682.58	-6,886.02	6,997.35	6,860.99	136.36	51.315		
18,400.00	6,840.00	6,646.95	6,646.35	337.20	1.66	-88.69	-1,682.58	-6,886.04	7,086.66	6,950.99	135.67	52.234		
18,500.00	6,840.00	6,645.86	6,645.26	339.90	1.66	-88.67	-1,682.58	-6,886.05	7,176.25	7,041.25	134.99	53.159		
18,600.00	6,840.00	6,644.78	6,644.18	342.60	1.66	-88.65	-1,682.58	-6,886.06	7,266.11	7,131.78	134.33	54.090		
18,700.00	6,840.00	6,643.69	6,643.09	345.30	1.66	-88.63	-1,682.57	-6,886.07	7,356.24	7,222.55	133.68	55.027		
18,800.00	6,840.00	6,642.60	6,642.00	348.00	1.66	-88.61	-1,682.57	-6,886.08	7,446.62	7,313.57	133.05	55.969		
18,900.00	6,840.00	6,641.51	6,640.91	350.70	1.66	-88.59	-1,682.57	-6,886.10	7,537.24	7,404.81	132.43	56.917		
19,000.00	6,840.00	6,640.42	6,639.82	353.39	1.66	-88.57	-1,682.57	-6,886.11	7,628.09	7,496.28	131.82	57.869		
19,100.00	6,840.00	6,639.33	6,638.73	356.09	1.66	-88.55	-1,682.57	-6,886.12	7,719.17	7,587.95	131.22	58.827		
19,200.00	6,840.00	6,638.24	6,637.64	358.79	1.66	-88.53	-1,682.57	-6,886.13	7,810.47	7,679.84	130.63	59.790		
19,300.00	6,840.00	6,637.15	6,636.55	361.49	1.66	-88.51	-1,682.57	-6,886.14	7,901.98	7,771.92	130.06	60.758		
19,400.00	6,840.00	6,636.06	6,635.46	364.20	1.66	-88.49	-1,682.56	-6,886.15	7,993.69	7,864.20	129.49	61.730		
19,500.00	6,840.00	6,634.96	6,634.36	366.90	1.66	-88.47	-1,682.56	-6,886.17	8,085.60	7,956.66	128.94	62.707		
19,600.00	6,840.00	6,633.87	6,633.27	369.60	1.66	-88.45	-1,682.56	-6,886.18	8,177.70	8,049.30	128.40	63.688		
19,700.00	6,840.00	6,632.78	6,632.17	372.30	1.66	-88.43	-1,682.56	-6,886.19	8,269.98	8,142.11	127.87	64.674		
19,800.00	6,840.00	6,631.68	6,631.08	375.00	1.66	-88.41	-1,682.56	-6,886.20	8,362.44	8,235.09	127.35	65.664		
19,900.00	6,840.00	6,630.58	6,629.98	377.70	1.66	-88.39	-1,682.56	-6,886.21	8,455.07	8,328.23	126.84	66.657		
20,000.00	6,840.00	6,629.48	6,628.88	380.40	1.66	-88.37	-1,682.56	-6,886.23	8,547.87	8,421.52	126.35	67.655		
20,100.00	6,840.00	6,628.39	6,627.78	383.11	1.66	-88.35	-1,682.55	-6,886.24	8,640.83	8,514.97	125.86	68.656		
20,200.00	6,840.00	6,627.29	6,626.69	385.81	1.66	-88.33	-1,682.55	-6,886.25	8,733.94	8,608.56	125.38	69.661		
20,300.00	6,840.00	6,626.19	6,625.59	388.51	1.66	-88.31	-1,682.55	-6,886.26	8,827.20	8,702.29	124.91	70.670		
20,400.00	6,840.00	6,625.09	6,624.48	391.22	1.66	-88.29	-1,682.55	-6,886.27	8,920.61	8,796.16	124.45	71.682		
20,500.00	6,840.00	6,623.98	6,623.38	393.92	1.66	-88.27	-1,682.55	-6,886.29	9,014.16	8,890.16	124.00	72.697		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB - GYRO		Offset Site Error:		0.00 usft	
Survey Program:				100-GYD_CT								Offset Well Error:		0.00 usft			
Reference		Offset		Semi Major Axis			Distance					Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
20,539.70	6,840.00	6,623.55	6,622.94	394.99	1.66	-88.26	-1,682.55	-6,886.29	9,051.33	8,927.51	123.82	73.101					



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 101-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-106.50	-1,634.02	-5,514.91	5,752.73					
100.00	100.00	1.90	1.90	0.13	0.00	-106.50	-1,634.02	-5,514.91	5,751.89	5,751.76	0.14	N/A		
200.00	200.00	96.79	96.79	0.49	0.10	-106.51	-1,634.20	-5,514.91	5,751.94	5,751.34	0.59	9,677.437		
300.00	300.00	184.30	184.30	0.85	0.20	-106.51	-1,634.48	-5,515.00	5,752.14	5,751.08	1.05	5,473.630		
400.00	400.00	294.82	294.82	1.21	0.30	-106.51	-1,634.71	-5,515.22	5,752.39	5,750.88	1.51	3,813.614		
500.00	500.00	395.07	395.07	1.57	0.33	-106.51	-1,634.69	-5,515.35	5,752.50	5,750.61	1.90	3,032.145		
600.00	599.98	481.11	481.11	1.92	0.38	-51.92	-1,634.56	-5,515.60	5,751.66	5,749.36	2.30	2,499.791		
700.00	699.84	606.80	606.79	2.28	0.40	-52.02	-1,634.57	-5,515.86	5,748.66	5,745.98	2.68	2,146.120		
800.00	799.45	746.58	746.58	2.65	0.45	-52.21	-1,634.49	-5,515.18	5,742.79	5,739.70	3.09	1,860.298		
900.00	898.70	854.32	854.31	3.02	0.50	-52.46	-1,635.13	-5,513.97	5,734.40	5,730.90	3.50	1,638.535		
1,000.00	997.47	941.64	941.61	3.42	0.54	-52.74	-1,635.99	-5,512.91	5,723.95	5,720.03	3.92	1,460.731		
1,100.00	1,095.62	1,019.66	1,019.62	3.84	0.57	-53.07	-1,637.03	-5,512.13	5,711.74	5,707.39	4.35	1,313.593		
1,200.00	1,193.06	1,097.60	1,097.55	4.30	0.61	-53.45	-1,638.12	-5,511.62	5,697.84	5,693.05	4.80	1,187.431		
1,300.00	1,289.64	1,177.15	1,177.10	4.79	0.64	-53.89	-1,639.23	-5,511.37	5,682.27	5,677.00	5.27	1,077.384		
1,400.00	1,385.27	1,267.09	1,267.03	5.33	0.68	-54.40	-1,640.49	-5,511.29	5,664.98	5,659.20	5.78	979.461		
1,500.00	1,479.82	1,358.52	1,358.45	5.92	0.72	-54.98	-1,641.55	-5,511.31	5,645.85	5,639.52	6.33	892.114		
1,600.00	1,573.17	1,447.99	1,447.92	6.56	0.75	-55.61	-1,642.28	-5,511.49	5,624.96	5,618.05	6.91	814.031		
1,700.00	1,665.22	1,555.51	1,555.44	7.26	0.77	-56.32	-1,642.52	-5,511.91	5,602.32	5,594.79	7.53	743.869		
1,800.00	1,756.74	1,647.63	1,647.56	7.99	0.77	-56.64	-1,642.38	-5,512.03	5,578.79	5,570.61	8.17	682.761		
1,900.00	1,848.26	1,729.75	1,729.68	8.75	0.79	-56.94	-1,642.49	-5,512.31	5,555.70	5,546.86	8.84	628.781		
2,000.00	1,939.78	1,824.68	1,824.60	9.51	0.82	-57.28	-1,642.65	-5,512.50	5,532.70	5,523.17	9.53	580.548		
2,100.00	2,031.30	1,891.51	1,891.44	10.29	0.84	-57.52	-1,642.87	-5,512.81	5,510.17	5,499.94	10.23	538.526		
2,200.00	2,122.82	1,972.82	1,972.74	11.07	0.87	-57.82	-1,643.31	-5,513.40	5,488.15	5,477.20	10.95	501.205		
2,300.00	2,214.34	2,045.30	2,045.22	11.86	0.90	-58.09	-1,643.80	-5,514.06	5,466.53	5,454.85	11.68	468.189		
2,400.00	2,305.85	2,116.29	2,116.20	12.66	0.92	-58.35	-1,644.14	-5,515.09	5,445.51	5,433.10	12.41	438.769		
2,500.00	2,397.37	2,202.47	2,202.37	13.46	0.95	-58.66	-1,644.41	-5,516.58	5,424.89	5,411.73	13.16	412.265		
2,600.00	2,488.89	2,286.35	2,286.23	14.26	0.97	-58.97	-1,644.61	-5,518.19	5,404.60	5,390.69	13.91	388.441		
2,700.00	2,580.41	2,411.46	2,411.32	15.07	1.00	-59.43	-1,644.35	-5,520.57	5,384.38	5,369.69	14.68	366.763		
2,800.00	2,671.93	2,554.16	2,553.99	15.88	1.03	-59.95	-1,642.73	-5,522.40	5,363.43	5,347.98	15.45	347.189		
2,900.00	2,763.45	2,647.59	2,647.42	16.69	1.05	-60.29	-1,641.45	-5,523.22	5,342.31	5,326.09	16.21	329.481		
3,000.00	2,854.97	2,731.82	2,731.63	17.51	1.06	-60.60	-1,640.42	-5,524.04	5,321.52	5,304.54	16.99	313.291		
3,100.00	2,946.49	2,821.59	2,821.39	18.32	1.08	-60.94	-1,639.36	-5,524.98	5,301.01	5,283.25	17.76	298.420		
3,200.00	3,038.00	2,910.63	2,910.42	19.14	1.10	-61.27	-1,638.27	-5,525.98	5,280.76	5,262.21	18.55	284.732		
3,300.00	3,129.52	2,999.63	2,999.40	19.96	1.12	-61.60	-1,637.09	-5,527.07	5,260.77	5,241.43	19.33	272.100		
3,400.00	3,221.04	3,212.20	3,211.93	20.77	1.16	-62.40	-1,633.05	-5,528.35	5,240.60	5,220.49	20.11	260.577		
3,500.00	3,312.56	3,323.22	3,322.91	21.59	1.17	-62.83	-1,630.77	-5,527.05	5,218.74	5,197.85	20.89	249.804		
3,600.00	3,404.08	3,399.10	3,398.78	22.42	1.18	-63.13	-1,629.63	-5,525.97	5,197.10	5,175.41	21.68	239.681		
3,700.00	3,495.60	3,468.48	3,468.15	23.24	1.19	-63.41	-1,628.87	-5,525.12	5,176.02	5,153.53	22.48	230.228		
3,800.00	3,587.12	3,549.86	3,549.52	24.06	1.19	-63.74	-1,628.14	-5,524.38	5,155.50	5,132.22	23.28	221.418		
3,900.00	3,678.63	3,704.23	3,703.87	24.88	1.21	-64.37	-1,626.44	-5,522.49	5,135.01	5,110.94	24.08	213.272		
4,000.00	3,770.15	3,783.75	3,783.37	25.71	1.22	-64.70	-1,625.37	-5,521.02	5,114.03	5,089.14	24.89	205.468		
4,100.00	3,861.67	3,860.41	3,860.01	26.53	1.23	-65.02	-1,624.57	-5,519.66	5,093.48	5,067.78	25.71	198.124		
4,200.00	3,953.19	3,943.23	3,942.82	27.35	1.24	-65.37	-1,623.91	-5,518.36	5,073.44	5,046.91	26.53	191.231		
4,300.00	4,044.71	4,026.83	4,026.41	28.18	1.25	-65.72	-1,623.43	-5,517.01	5,053.72	5,026.36	27.36	184.730		
4,400.00	4,136.23	4,100.00	4,099.57	29.01	1.26	-66.04	-1,623.39	-5,515.89	5,034.55	5,006.36	28.19	178.588		
4,500.00	4,227.75	4,170.62	4,170.18	29.83	1.27	-66.35	-1,623.60	-5,514.97	5,016.00	4,986.97	29.03	172.785		
4,600.00	4,319.27	4,268.13	4,267.68	30.66	1.29	-66.78	-1,623.94	-5,513.93	4,997.92	4,968.05	29.87	167.323		
4,700.00	4,410.78	4,352.08	4,351.63	31.48	1.30	-67.15	-1,624.05	-5,512.95	4,979.95	4,949.24	30.72	162.132		
4,800.00	4,502.30	4,426.95	4,426.50	32.31	1.31	-67.48	-1,624.12	-5,512.40	4,962.57	4,931.00	31.57	157.214		
4,900.00	4,593.82	4,511.83	4,511.38	33.14	1.32	-67.85	-1,624.10	-5,512.08	4,945.70	4,913.28	32.42	152.562		
5,000.00	4,685.34	4,645.71	4,645.25	33.96	1.35	-68.44	-1,623.76	-5,511.09	4,928.70	4,895.44	33.27	148.154		
5,100.00	4,776.86	4,743.72	4,743.26	34.79	1.36	-68.88	-1,623.14	-5,509.91	4,911.45	4,877.32	34.12	143.926		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 101-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,821.41	4,820.93	35.62	1.38	-69.22	-1,622.30	-5,509.36	4,894.65	4,859.66	34.99	139.897		
5,300.00	4,959.90	4,900.38	4,899.90	36.45	1.39	-69.56	-1,620.90	-5,509.40	4,878.37	4,842.51	35.85	136.072		
5,400.00	5,051.41	4,989.30	4,988.79	37.27	1.41	-69.94	-1,619.08	-5,509.76	4,862.49	4,825.78	36.72	132.433		
5,500.00	5,142.93	5,071.91	5,071.40	38.10	1.42	-70.30	-1,617.53	-5,510.13	4,847.00	4,809.41	37.59	128.958		
5,600.00	5,234.45	5,147.40	5,146.87	38.93	1.43	-70.63	-1,616.13	-5,510.69	4,832.00	4,793.54	38.46	125.643		
5,700.00	5,325.97	5,222.04	5,221.49	39.76	1.45	-70.95	-1,614.73	-5,511.60	4,817.63	4,778.30	39.33	122.484		
5,800.00	5,417.49	5,303.03	5,302.45	40.59	1.46	-71.30	-1,613.36	-5,512.78	4,803.79	4,763.58	40.21	119.474		
5,900.00	5,509.01	5,390.43	5,389.84	41.42	1.48	-71.68	-1,612.15	-5,514.04	4,790.37	4,749.29	41.08	116.598		
6,000.00	5,600.53	5,620.97	5,620.34	42.25	1.52	-72.72	-1,608.49	-5,514.07	4,776.21	4,734.27	41.93	113.899		
6,100.00	5,692.04	5,702.26	5,701.60	43.07	1.54	-73.09	-1,606.50	-5,513.14	4,760.84	4,718.02	42.82	111.179		
6,200.00	5,783.56	5,795.84	5,795.15	43.90	1.56	-73.52	-1,604.20	-5,512.16	4,745.83	4,702.12	43.71	108.579		
6,300.00	5,875.08	5,877.55	5,876.84	44.73	1.57	-73.89	-1,602.54	-5,511.13	4,731.19	4,686.59	44.60	106.076		
6,400.00	5,966.60	5,952.48	5,951.75	45.56	1.59	-74.25	-1,601.38	-5,510.17	4,717.09	4,671.59	45.50	103.673		
6,500.00	6,058.12	6,028.28	6,027.54	46.39	1.61	-74.60	-1,600.36	-5,509.45	4,703.65	4,657.25	46.40	101.374		
6,600.00	6,149.64	6,108.84	6,108.09	47.22	1.62	-74.98	-1,599.39	-5,508.85	4,690.74	4,643.44	47.30	99.172		
6,700.00	6,241.16	6,181.33	6,180.58	48.05	1.64	-75.33	-1,598.61	-5,508.53	4,678.45	4,630.25	48.20	97.061		
6,800.00	6,332.68	6,262.21	6,261.45	48.88	1.66	-75.71	-1,597.85	-5,508.46	4,666.78	4,617.68	49.10	95.042		
6,900.00	6,424.19	6,348.31	6,347.54	49.71	1.68	-76.12	-1,597.10	-5,508.51	4,655.58	4,605.58	50.00	93.106		
7,000.00	6,514.88	6,436.12	6,435.35	50.58	1.70	-70.91	-1,596.31	-5,508.68	4,642.92	4,591.98	50.94	91.153		
7,100.00	6,599.14	6,516.21	6,515.44	51.67	1.72	-65.68	-1,595.67	-5,508.83	4,619.02	4,566.95	52.07	88.716		
7,200.00	6,673.85	6,580.54	6,579.77	53.01	1.73	-64.57	-1,595.27	-5,509.01	4,583.41	4,530.02	53.40	85.835		
7,300.00	6,736.73	6,638.38	6,637.61	54.56	1.74	-66.34	-1,595.00	-5,509.24	4,537.41	4,482.51	54.90	82.646		
7,400.00	6,785.87	6,685.29	6,684.52	56.29	1.75	-70.48	-1,594.80	-5,509.45	4,482.54	4,426.00	56.54	79.284		
7,500.00	6,819.79	6,716.88	6,716.10	58.13	1.76	-76.71	-1,594.68	-5,509.61	4,420.63	4,362.37	58.26	75.882		
7,600.00	6,837.44	6,733.18	6,732.41	60.02	1.76	-84.78	-1,594.62	-5,509.70	4,353.64	4,293.63	60.00	72.557		
7,700.00	6,840.00	6,736.00	6,735.23	61.90	1.76	-89.87	-1,594.61	-5,509.71	4,283.89	4,222.16	61.73	69.396		
7,800.00	6,840.00	6,736.53	6,735.75	63.83	1.76	-89.88	-1,594.60	-5,509.72	4,214.83	4,151.32	63.51	66.363		
7,900.00	6,840.00	6,737.05	6,736.28	65.81	1.76	-89.89	-1,594.60	-5,509.72	4,147.03	4,081.66	65.37	63.444		
8,000.00	6,840.00	6,737.58	6,736.81	67.84	1.76	-89.90	-1,594.60	-5,509.72	4,080.55	4,013.25	67.29	60.639		
8,100.00	6,840.00	6,738.11	6,737.34	69.91	1.76	-89.91	-1,594.60	-5,509.72	4,015.46	3,946.17	69.29	57.951		
8,200.00	6,840.00	6,738.65	6,737.87	72.03	1.76	-89.92	-1,594.60	-5,509.73	3,951.83	3,880.47	71.36	55.378		
8,300.00	6,840.00	6,739.18	6,738.41	74.18	1.76	-89.93	-1,594.60	-5,509.73	3,889.73	3,816.23	73.50	52.922		
8,400.00	6,840.00	6,739.72	6,738.94	76.37	1.76	-89.94	-1,594.59	-5,509.73	3,829.23	3,753.52	75.71	50.580		
8,500.00	6,840.00	6,740.26	6,739.48	78.59	1.76	-89.95	-1,594.59	-5,509.74	3,770.42	3,692.44	77.98	48.352		
8,600.00	6,840.00	6,740.80	6,740.03	80.85	1.76	-89.96	-1,594.59	-5,509.74	3,713.36	3,633.05	80.31	46.237		
8,700.00	6,840.00	6,741.35	6,740.57	83.13	1.76	-89.97	-1,594.59	-5,509.74	3,658.16	3,575.45	82.70	44.232		
8,800.00	6,840.00	6,741.90	6,741.12	85.44	1.76	-89.98	-1,594.59	-5,509.75	3,604.88	3,519.72	85.15	42.335		
8,900.00	6,840.00	6,742.45	6,741.67	87.77	1.76	-89.99	-1,594.58	-5,509.75	3,553.61	3,465.96	87.65	40.544		
9,000.00	6,840.00	6,743.00	6,742.22	90.12	1.76	-90.00	-1,594.58	-5,509.75	3,504.45	3,414.26	90.19	38.856		
9,100.00	6,840.00	6,743.55	6,742.78	92.50	1.76	-90.01	-1,594.58	-5,509.76	3,457.49	3,364.72	92.77	37.269		
9,200.00	6,840.00	6,744.11	6,743.34	94.89	1.76	-90.02	-1,594.58	-5,509.76	3,412.81	3,317.43	95.38	35.780		
9,300.00	6,840.00	6,744.67	6,743.90	97.30	1.76	-90.04	-1,594.58	-5,509.76	3,370.50	3,272.48	98.02	34.387		
9,400.00	6,840.00	6,745.23	6,744.46	99.73	1.76	-90.05	-1,594.58	-5,509.77	3,330.66	3,230.00	100.67	33.086		
9,500.00	6,840.00	6,745.80	6,745.03	102.17	1.76	-90.06	-1,594.57	-5,509.77	3,293.38	3,190.05	103.32	31.875		
9,600.00	6,840.00	6,746.37	6,745.59	104.63	1.76	-90.07	-1,594.57	-5,509.77	3,258.74	3,152.76	105.98	30.750		
9,700.00	6,840.00	6,746.94	6,746.16	107.10	1.76	-90.08	-1,594.57	-5,509.78	3,226.82	3,118.21	108.61	29.709		
9,800.00	6,840.00	6,747.51	6,746.74	109.58	1.76	-90.09	-1,594.57	-5,509.78	3,197.72	3,086.49	111.23	28.749		
9,900.00	6,840.00	6,748.09	6,747.31	112.07	1.76	-90.10	-1,594.57	-5,509.78	3,171.50	3,057.70	113.81	27.868		
10,000.00	6,840.00	6,748.67	6,747.89	114.58	1.76	-90.11	-1,594.56	-5,509.79	3,148.25	3,031.91	116.34	27.062		
10,100.00	6,840.00	6,749.25	6,748.47	117.09	1.76	-90.12	-1,594.56	-5,509.79	3,128.02	3,009.21	118.81	26.328		
10,200.00	6,840.00	6,749.83	6,749.06	119.61	1.76	-90.13	-1,594.56	-5,509.80	3,110.87	2,989.66	121.21	25.665		
10,300.00	6,840.00	6,750.42	6,749.65	122.14	1.76	-90.14	-1,594.56	-5,509.80	3,096.86	2,973.33	123.53	25.070		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 101-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,751.01	6,750.24	124.68	1.76	-90.15	-1,594.56	-5,509.80	3,086.02	2,960.27	125.76	24.539		
10,500.00	6,840.00	6,751.60	6,750.83	127.23	1.76	-90.16	-1,594.55	-5,509.81	3,078.40	2,950.52	127.89	24.071		
10,600.00	6,840.00	6,752.20	6,751.42	129.78	1.76	-90.18	-1,594.55	-5,509.81	3,074.02	2,944.11	129.90	23.664		
10,684.91	6,840.00	6,752.71	6,751.93	131.96	1.76	-90.19	-1,594.55	-5,509.81	3,072.85	2,941.32	131.52	23.363 CC		
10,700.00	6,840.00	6,752.80	6,752.02	132.35	1.76	-90.19	-1,594.55	-5,509.81	3,072.88	2,941.08	131.80	23.314 ES		
10,800.00	6,840.00	6,753.40	6,752.62	134.91	1.76	-90.20	-1,594.55	-5,509.82	3,075.00	2,941.42	133.58	23.021		
10,900.00	6,840.00	6,754.00	6,753.23	137.49	1.76	-90.21	-1,594.55	-5,509.82	3,080.36	2,945.15	135.22	22.781		
11,000.00	6,840.00	6,754.61	6,753.84	140.07	1.76	-90.22	-1,594.54	-5,509.82	3,088.96	2,952.23	136.73	22.592		
11,100.00	6,840.00	6,755.22	6,754.45	142.65	1.76	-90.23	-1,594.54	-5,509.83	3,100.75	2,962.66	138.10	22.454		
11,200.00	6,840.00	6,755.83	6,755.06	145.24	1.76	-90.24	-1,594.54	-5,509.83	3,115.72	2,976.39	139.33	22.363		
11,300.00	6,840.00	6,756.45	6,755.67	147.83	1.76	-90.25	-1,594.54	-5,509.84	3,133.80	2,993.38	140.42	22.318		
11,400.00	6,840.00	6,757.07	6,756.29	150.43	1.76	-90.27	-1,594.54	-5,509.84	3,154.95	3,013.58	141.37	22.317 SF		
11,500.00	6,840.00	6,757.69	6,756.92	153.04	1.76	-90.28	-1,594.53	-5,509.84	3,179.11	3,036.92	142.19	22.359		
11,600.00	6,840.00	6,758.32	6,757.54	155.64	1.76	-90.29	-1,594.53	-5,509.85	3,206.20	3,063.33	142.87	22.441		
11,700.00	6,840.00	6,758.94	6,758.17	158.26	1.76	-90.30	-1,594.53	-5,509.85	3,236.16	3,092.74	143.43	22.563		
11,800.00	6,840.00	6,759.57	6,758.80	160.87	1.76	-90.31	-1,594.53	-5,509.86	3,268.91	3,125.05	143.86	22.723		
11,900.00	6,840.00	6,760.21	6,759.43	163.49	1.76	-90.33	-1,594.53	-5,509.86	3,304.36	3,160.18	144.18	22.919		
12,000.00	6,840.00	6,760.85	6,760.07	166.11	1.76	-90.34	-1,594.52	-5,509.86	3,342.42	3,198.04	144.38	23.149		
12,100.00	6,840.00	6,761.49	6,760.71	168.74	1.76	-90.35	-1,594.52	-5,509.87	3,383.01	3,238.53	144.49	23.414		
12,200.00	6,840.00	6,762.13	6,761.35	171.37	1.76	-90.36	-1,594.52	-5,509.87	3,426.05	3,281.55	144.49	23.711		
12,300.00	6,840.00	6,762.78	6,762.00	174.00	1.76	-90.37	-1,594.52	-5,509.88	3,471.43	3,327.02	144.41	24.039		
12,400.00	6,840.00	6,763.43	6,762.65	176.63	1.76	-90.39	-1,594.52	-5,509.88	3,519.06	3,374.82	144.24	24.397		
12,500.00	6,840.00	6,764.08	6,763.30	179.27	1.76	-90.40	-1,594.51	-5,509.89	3,568.87	3,424.87	144.00	24.784		
12,600.00	6,840.00	6,764.74	6,763.96	181.91	1.76	-90.41	-1,594.51	-5,509.89	3,620.75	3,477.06	143.69	25.198		
12,700.00	6,840.00	6,765.40	6,764.62	184.55	1.76	-90.42	-1,594.51	-5,509.89	3,674.62	3,531.30	143.32	25.639		
12,800.00	6,840.00	6,766.06	6,765.28	187.19	1.76	-90.43	-1,594.51	-5,509.90	3,730.39	3,587.50	142.89	26.106		
12,900.00	6,840.00	6,766.73	6,765.95	189.84	1.76	-90.45	-1,594.51	-5,509.90	3,787.98	3,645.57	142.41	26.598		
13,000.00	6,840.00	6,767.40	6,766.62	192.48	1.76	-90.46	-1,594.50	-5,509.91	3,847.31	3,705.42	141.89	27.114		
13,100.00	6,840.00	6,768.07	6,767.29	195.13	1.76	-90.47	-1,594.50	-5,509.91	3,908.30	3,766.97	141.34	27.653		
13,200.00	6,840.00	6,768.75	6,767.97	197.79	1.76	-90.48	-1,594.50	-5,509.92	3,970.87	3,830.13	140.74	28.214		
13,300.00	6,840.00	6,769.43	6,768.65	200.44	1.76	-90.50	-1,594.50	-5,509.92	4,034.95	3,894.83	140.12	28.796		
13,400.00	6,840.00	6,770.11	6,769.33	203.10	1.76	-90.51	-1,594.50	-5,509.92	4,100.46	3,960.99	139.48	29.399		
13,500.00	6,840.00	6,770.80	6,770.02	205.75	1.76	-90.52	-1,594.49	-5,509.93	4,167.35	4,028.54	138.81	30.021		
13,600.00	6,840.00	6,771.49	6,770.71	208.41	1.77	-90.54	-1,594.49	-5,509.93	4,235.54	4,097.41	138.13	30.663		
13,700.00	6,840.00	6,772.18	6,771.41	211.07	1.77	-90.55	-1,594.49	-5,509.94	4,304.97	4,167.54	137.44	31.324		
13,800.00	6,840.00	6,772.88	6,772.10	213.74	1.77	-90.56	-1,594.49	-5,509.94	4,375.59	4,238.86	136.73	32.002		
13,900.00	6,840.00	6,773.58	6,772.80	216.40	1.77	-90.57	-1,594.49	-5,509.95	4,447.33	4,311.32	136.02	32.697		
14,000.00	6,840.00	6,774.28	6,773.51	219.06	1.77	-90.59	-1,594.48	-5,509.95	4,520.15	4,384.85	135.30	33.409		
14,100.00	6,840.00	6,774.99	6,774.22	221.73	1.77	-90.60	-1,594.48	-5,509.96	4,593.99	4,459.42	134.58	34.137		
14,200.00	6,840.00	6,775.71	6,774.93	224.40	1.77	-90.61	-1,594.48	-5,509.96	4,668.81	4,534.95	133.85	34.880		
14,300.00	6,840.00	6,776.42	6,775.65	227.07	1.77	-90.63	-1,594.48	-5,509.97	4,744.55	4,611.42	133.13	35.638		
14,400.00	6,840.00	6,777.14	6,776.37	229.74	1.77	-90.64	-1,594.47	-5,509.97	4,821.17	4,688.76	132.41	36.411		
14,500.00	6,840.00	6,777.86	6,777.09	232.41	1.77	-90.65	-1,594.47	-5,509.98	4,898.64	4,766.95	131.69	37.197		
14,600.00	6,840.00	6,778.59	6,777.82	235.08	1.77	-90.67	-1,594.47	-5,509.98	4,976.92	4,845.93	130.98	37.997		
14,700.00	6,840.00	6,779.32	6,778.55	237.75	1.77	-90.68	-1,594.47	-5,509.99	5,055.95	4,925.68	130.28	38.810		
14,800.00	6,840.00	6,780.06	6,779.28	240.43	1.77	-90.70	-1,594.47	-5,509.99	5,135.72	5,006.15	129.58	39.635		
14,900.00	6,840.00	6,780.80	6,780.02	243.10	1.77	-90.71	-1,594.46	-5,510.00	5,216.19	5,087.31	128.88	40.472		
15,000.00	6,840.00	6,781.54	6,780.76	245.78	1.77	-90.72	-1,594.46	-5,510.00	5,297.32	5,169.12	128.20	41.321		
15,100.00	6,840.00	6,782.29	6,781.51	248.46	1.77	-90.74	-1,594.46	-5,510.01	5,379.09	5,251.57	127.52	42.181		
15,200.00	6,840.00	6,783.04	6,782.26	251.14	1.77	-90.75	-1,594.46	-5,510.01	5,461.46	5,334.61	126.86	43.052		
15,300.00	6,840.00	6,783.79	6,783.02	253.82	1.77	-90.76	-1,594.46	-5,510.02	5,544.42	5,418.22	126.20	43.934		
15,400.00	6,840.00	6,784.55	6,783.77	256.50	1.77	-90.78	-1,594.45	-5,510.02	5,627.92	5,502.37	125.55	44.825		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 101-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,785.31	6,784.54	259.18	1.77	-90.79	-1,594.45	-5,510.03	5,711.96	5,587.05	124.92	45.727		
15,600.00	6,840.00	6,786.08	6,785.30	261.86	1.77	-90.81	-1,594.45	-5,510.03	5,796.51	5,672.22	124.29	46.638		
15,700.00	6,840.00	6,786.85	6,786.08	264.54	1.77	-90.82	-1,594.45	-5,510.04	5,881.54	5,757.86	123.67	47.558		
15,800.00	6,840.00	6,787.63	6,786.85	267.23	1.77	-90.84	-1,594.44	-5,510.05	5,967.03	5,843.96	123.07	48.487		
15,900.00	6,840.00	6,788.41	6,787.63	269.91	1.77	-90.85	-1,594.44	-5,510.05	6,052.97	5,930.50	122.47	49.424		
16,000.00	6,840.00	6,789.19	6,788.41	272.59	1.77	-90.87	-1,594.44	-5,510.06	6,139.33	6,017.44	121.89	50.370		
16,100.00	6,840.00	6,789.98	6,789.20	275.28	1.77	-90.88	-1,594.44	-5,510.06	6,226.10	6,104.79	121.31	51.323		
16,200.00	6,840.00	6,790.77	6,790.00	277.97	1.77	-90.89	-1,594.44	-5,510.07	6,313.26	6,192.52	120.75	52.285		
16,300.00	6,840.00	6,791.57	6,790.79	280.65	1.77	-90.91	-1,594.43	-5,510.07	6,400.80	6,280.61	120.19	53.254		
16,400.00	6,840.00	6,792.37	6,791.59	283.34	1.77	-90.92	-1,594.43	-5,510.08	6,488.70	6,369.05	119.65	54.230		
16,500.00	6,840.00	6,793.18	6,792.40	286.03	1.77	-90.94	-1,594.43	-5,510.08	6,576.95	6,457.83	119.12	55.213		
16,600.00	6,840.00	6,793.99	6,793.21	288.72	1.77	-90.95	-1,594.43	-5,510.09	6,665.52	6,546.92	118.60	56.202		
16,700.00	6,840.00	6,794.80	6,794.02	291.41	1.77	-90.97	-1,594.42	-5,510.10	6,754.42	6,636.33	118.09	57.199		
16,800.00	6,840.00	6,795.62	6,794.84	294.10	1.77	-90.99	-1,594.42	-5,510.10	6,843.62	6,726.03	117.59	58.201		
16,900.00	6,840.00	6,796.44	6,795.67	296.79	1.77	-91.00	-1,594.42	-5,510.11	6,933.11	6,816.02	117.09	59.210		
17,000.00	6,840.00	6,797.27	6,796.50	299.48	1.77	-91.02	-1,594.42	-5,510.11	7,022.89	6,906.28	116.61	60.224		
17,100.00	6,840.00	6,798.10	6,797.33	302.17	1.77	-91.03	-1,594.42	-5,510.12	7,112.94	6,996.80	116.14	61.244		
17,200.00	6,840.00	6,798.94	6,798.17	304.86	1.77	-91.05	-1,594.41	-5,510.13	7,203.26	7,087.58	115.68	62.270		
17,300.00	6,840.00	6,799.79	6,799.01	307.56	1.77	-91.06	-1,594.41	-5,510.13	7,293.82	7,178.60	115.23	63.300		
17,400.00	6,840.00	6,800.72	6,799.94	310.25	1.77	-91.08	-1,594.41	-5,510.14	7,384.63	7,269.85	114.78	64.336		
17,500.00	6,840.00	6,801.68	6,800.91	312.94	1.77	-91.10	-1,594.41	-5,510.15	7,475.68	7,361.33	114.35	65.377		
17,600.00	6,840.00	6,802.66	6,801.88	315.64	1.77	-91.12	-1,594.40	-5,510.15	7,566.95	7,453.03	113.92	66.422		
17,700.00	6,840.00	6,803.64	6,802.87	318.33	1.77	-91.13	-1,594.40	-5,510.16	7,658.44	7,544.93	113.51	67.472		
17,800.00	6,840.00	6,804.63	6,803.86	321.03	1.77	-91.15	-1,594.40	-5,510.17	7,750.14	7,637.04	113.10	68.526		
17,900.00	6,840.00	6,805.63	6,804.86	323.72	1.77	-91.17	-1,594.40	-5,510.18	7,842.04	7,729.34	112.70	69.584		
18,000.00	6,840.00	6,806.64	6,805.86	326.42	1.77	-91.19	-1,594.39	-5,510.18	7,934.14	7,821.83	112.31	70.647		
18,100.00	6,840.00	6,807.65	6,806.88	329.11	1.77	-91.21	-1,594.39	-5,510.19	8,026.42	7,914.50	111.92	71.714		
18,200.00	6,840.00	6,808.68	6,807.90	331.81	1.77	-91.23	-1,594.39	-5,510.20	8,118.89	8,007.34	111.55	72.784		
18,300.00	6,840.00	6,809.71	6,808.93	334.51	1.77	-91.25	-1,594.38	-5,510.21	8,211.54	8,100.36	111.18	73.858		
18,400.00	6,840.00	6,810.75	6,809.97	337.20	1.77	-91.27	-1,594.38	-5,510.22	8,304.35	8,193.53	110.82	74.935		
18,500.00	6,840.00	6,811.80	6,811.02	339.90	1.77	-91.29	-1,594.38	-5,510.22	8,397.33	8,286.87	110.47	76.016		
18,600.00	6,840.00	6,812.85	6,812.08	342.60	1.77	-91.31	-1,594.38	-5,510.23	8,490.47	8,380.35	110.12	77.100		
18,700.00	6,840.00	6,813.92	6,813.14	345.30	1.77	-91.33	-1,594.37	-5,510.24	8,583.77	8,473.98	109.78	78.188		
18,800.00	6,840.00	6,814.99	6,814.22	348.00	1.77	-91.35	-1,594.37	-5,510.25	8,677.21	8,567.76	109.45	79.278		
18,900.00	6,840.00	6,816.08	6,815.30	350.70	1.77	-91.37	-1,594.37	-5,510.26	8,770.80	8,661.67	109.13	80.371		
19,000.00	6,840.00	6,817.17	6,816.39	353.39	1.77	-91.39	-1,594.36	-5,510.27	8,864.53	8,755.72	108.81	81.467		
19,100.00	6,840.00	6,818.27	6,817.49	356.09	1.77	-91.41	-1,594.36	-5,510.27	8,958.39	8,849.89	108.50	82.565		
19,200.00	6,840.00	6,819.38	6,818.60	358.79	1.77	-91.43	-1,594.36	-5,510.28	9,052.39	8,944.19	108.20	83.666		
19,300.00	6,840.00	6,820.50	6,819.72	361.49	1.77	-91.45	-1,594.35	-5,510.29	9,146.51	9,038.61	107.90	84.770		
19,400.00	6,840.00	6,821.63	6,820.85	364.20	1.77	-91.47	-1,594.35	-5,510.30	9,240.76	9,133.15	107.61	85.876		
19,500.00	6,840.00	6,822.77	6,821.99	366.90	1.77	-91.49	-1,594.35	-5,510.31	9,335.12	9,227.80	107.32	86.984		
19,600.00	6,840.00	6,823.92	6,823.14	369.60	1.77	-91.51	-1,594.34	-5,510.32	9,429.60	9,322.56	107.04	88.094		
19,700.00	6,840.00	6,825.08	6,824.30	372.30	1.77	-91.53	-1,594.34	-5,510.33	9,524.20	9,417.43	106.77	89.206		
19,800.00	6,840.00	6,826.25	6,825.47	375.00	1.77	-91.56	-1,594.34	-5,510.34	9,618.90	9,512.40	106.50	90.321		
19,900.00	6,840.00	6,827.43	6,826.65	377.70	1.77	-91.58	-1,594.33	-5,510.35	9,713.71	9,607.48	106.23	91.437		
20,000.00	6,840.00	6,828.62	6,827.84	380.40	1.77	-91.60	-1,594.33	-5,510.36	9,808.62	9,702.65	105.98	92.555		
20,100.00	6,840.00	6,829.82	6,829.04	383.11	1.77	-91.62	-1,594.33	-5,510.37	9,903.63	9,797.91	105.72	93.674		
20,200.00	6,840.00	6,831.03	6,830.25	385.81	1.78	-91.65	-1,594.32	-5,510.38	9,998.74	9,893.27	105.48	94.795		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-93.58	-349.47	-5,583.54	5,595.13					
100.00	100.00	14.00	14.00	0.13	0.11	-93.58	-349.47	-5,583.54	5,594.47	5,594.22	0.24	N/A		
200.00	200.00	114.00	114.00	0.49	1.03	-93.58	-349.47	-5,583.54	5,594.47	5,592.94	1.52	3,674.179		
300.00	300.00	214.00	214.00	0.85	2.78	-93.58	-349.47	-5,583.54	5,594.47	5,590.84	3.63	1,542.686		
400.00	400.00	314.00	314.00	1.21	4.52	-93.58	-349.47	-5,583.54	5,594.47	5,588.73	5.73	976.305		
500.00	500.00	414.00	414.00	1.57	6.27	-93.58	-349.47	-5,583.54	5,594.47	5,586.63	7.83	714.122		
600.00	599.98	513.98	513.98	1.92	8.01	-39.00	-349.47	-5,583.54	5,593.11	5,583.17	9.93	563.016		
700.00	699.84	613.84	613.84	2.28	9.75	-39.08	-349.47	-5,583.54	5,589.04	5,577.01	12.03	464.494		
800.00	799.45	713.45	713.45	2.65	11.49	-39.23	-349.47	-5,583.54	5,582.27	5,568.14	14.13	395.038		
900.00	898.70	812.70	812.70	3.02	13.22	-39.43	-349.47	-5,583.54	5,572.82	5,556.59	16.23	343.383		
1,000.00	997.47	911.47	911.47	3.42	14.95	-39.68	-349.47	-5,583.54	5,560.70	5,542.37	18.33	303.407		
1,100.00	1,095.62	1,009.62	1,009.62	3.84	16.66	-40.00	-349.47	-5,583.54	5,545.93	5,525.51	20.43	271.503		
1,200.00	1,193.06	1,107.06	1,107.06	4.30	18.36	-40.38	-349.47	-5,583.54	5,528.57	5,506.04	22.53	245.407		
1,300.00	1,289.64	1,203.64	1,203.64	4.79	20.05	-40.81	-349.47	-5,583.54	5,508.63	5,483.99	24.63	223.630		
1,400.00	1,385.27	1,300.73	1,299.27	5.33	21.74	-41.31	-349.47	-5,583.54	5,486.16	5,459.40	26.77	204.955		
1,500.00	1,479.82	1,406.18	1,393.82	5.92	23.58	-41.88	-349.47	-5,583.54	5,461.23	5,432.15	29.07	187.840		
1,600.00	1,573.17	1,487.17	1,487.17	6.56	25.00	-42.50	-349.47	-5,583.54	5,433.87	5,402.89	30.98	175.389		
1,700.00	1,665.22	1,579.22	1,579.22	7.26	26.60	-43.15	-349.47	-5,583.54	5,404.17	5,371.05	33.12	163.181		
1,800.00	1,756.74	1,670.74	1,670.74	7.99	28.20	-43.43	-349.47	-5,583.54	5,373.64	5,338.38	35.26	152.396		
1,900.00	1,848.26	1,762.26	1,762.26	8.75	29.80	-43.71	-349.47	-5,583.54	5,343.25	5,305.83	37.42	142.785		
2,000.00	1,939.78	1,853.78	1,853.78	9.51	31.39	-44.00	-349.47	-5,583.54	5,312.98	5,273.39	39.60	134.179		
2,100.00	2,031.30	1,945.30	1,945.30	10.29	32.99	-44.29	-349.47	-5,583.54	5,282.85	5,241.07	41.78	126.434		
2,200.00	2,122.82	2,036.82	2,036.82	11.07	34.59	-44.59	-349.47	-5,583.54	5,252.86	5,208.88	43.98	119.432		
2,300.00	2,214.34	2,128.34	2,128.34	11.86	36.19	-44.89	-349.47	-5,583.54	5,223.00	5,176.81	46.19	113.075		
2,400.00	2,305.85	2,219.85	2,219.85	12.66	37.78	-45.19	-349.47	-5,583.54	5,193.29	5,144.88	48.41	107.282		
2,500.00	2,397.37	2,311.37	2,311.37	13.46	39.38	-45.49	-349.47	-5,583.54	5,163.72	5,113.08	50.63	101.982		
2,600.00	2,488.89	2,402.89	2,402.89	14.26	40.98	-45.80	-349.47	-5,583.54	5,134.29	5,081.42	52.87	97.116		
2,700.00	2,580.41	2,505.59	2,494.41	15.07	42.77	-46.11	-349.47	-5,583.54	5,105.02	5,049.71	55.30	92.308		
2,800.00	2,671.93	2,585.93	2,585.93	15.88	44.17	-46.42	-349.47	-5,583.54	5,075.89	5,018.53	57.36	88.496		
2,900.00	2,763.45	2,677.45	2,677.45	16.69	45.77	-46.74	-349.47	-5,583.54	5,046.92	4,987.31	59.61	84.662		
3,000.00	2,854.97	2,768.97	2,768.97	17.51	47.37	-47.06	-349.47	-5,583.54	5,018.10	4,956.23	61.87	81.101		
3,100.00	2,946.49	2,860.49	2,860.49	18.32	48.96	-47.38	-349.47	-5,583.54	4,989.45	4,925.31	64.14	77.786		
3,200.00	3,038.00	2,952.00	2,952.00	19.14	50.56	-47.71	-349.47	-5,583.54	4,960.95	4,894.54	66.42	74.693		
3,300.00	3,129.52	3,043.52	3,043.52	19.96	52.16	-48.04	-349.47	-5,583.54	4,932.63	4,863.93	68.70	71.801		
3,400.00	3,221.04	3,135.04	3,135.04	20.77	53.76	-48.37	-349.47	-5,583.54	4,904.46	4,833.48	70.99	69.091		
3,500.00	3,312.56	3,226.56	3,226.56	21.59	55.35	-48.71	-349.47	-5,583.54	4,876.47	4,803.19	73.28	66.547		
3,600.00	3,404.08	3,318.08	3,318.08	22.42	56.95	-49.05	-349.47	-5,583.54	4,848.66	4,773.08	75.58	64.154		
3,700.00	3,495.60	3,409.60	3,409.60	23.24	58.55	-49.40	-349.47	-5,583.54	4,821.01	4,743.13	77.88	61.901		
3,800.00	3,587.12	3,501.12	3,501.12	24.06	60.15	-49.74	-349.47	-5,583.54	4,793.55	4,713.36	80.19	59.774		
3,900.00	3,678.63	3,607.37	3,592.63	24.88	62.00	-50.10	-349.47	-5,583.54	4,766.27	4,683.51	82.77	57.586		
4,000.00	3,770.15	3,684.15	3,684.15	25.71	63.34	-50.45	-349.47	-5,583.54	4,739.18	4,654.35	84.83	55.864		
4,100.00	3,861.67	3,775.67	3,775.67	26.53	64.94	-50.81	-349.47	-5,583.54	4,712.28	4,625.11	87.16	54.063		
4,200.00	3,953.19	3,867.19	3,867.19	27.35	66.54	-51.17	-349.47	-5,583.54	4,685.56	4,596.07	89.50	52.354		
4,300.00	4,044.71	3,958.71	3,958.71	28.18	68.13	-51.54	-349.47	-5,583.54	4,659.05	4,567.21	91.84	50.732		
4,400.00	4,136.23	4,050.23	4,050.23	29.01	69.73	-51.91	-349.47	-5,583.54	4,632.73	4,538.54	94.18	49.188		
4,500.00	4,227.75	4,141.75	4,141.75	29.83	71.33	-52.28	-349.47	-5,583.54	4,606.61	4,510.08	96.54	47.719		
4,600.00	4,319.27	4,233.27	4,233.27	30.66	72.92	-52.66	-349.47	-5,583.54	4,580.70	4,481.81	98.89	46.320		
4,700.00	4,410.78	4,324.78	4,324.78	31.48	74.52	-53.04	-349.47	-5,583.54	4,555.00	4,453.74	101.26	44.985		
4,800.00	4,502.30	4,416.30	4,416.30	32.31	76.12	-53.43	-349.47	-5,583.54	4,529.51	4,425.89	103.63	43.710		
4,900.00	4,593.82	4,507.82	4,507.82	33.14	77.72	-53.82	-349.47	-5,583.54	4,504.24	4,398.24	106.00	42.492		
5,000.00	4,685.34	4,600.66	4,599.34	33.96	79.34	-54.21	-349.47	-5,583.54	4,479.19	4,370.78	108.41	41.319		
5,100.00	4,776.86	4,709.14	4,690.86	34.79	81.23	-54.61	-349.47	-5,583.54	4,454.36	4,343.27	111.09	40.097		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,782.38	4,782.38	35.62	82.51	-55.01	-349.47	-5,583.54	4,429.76	4,316.60	113.16	39.145		
5,300.00	4,959.90	4,873.90	4,873.90	36.45	84.11	-55.41	-349.47	-5,583.54	4,405.39	4,289.83	115.56	38.122		
5,400.00	5,051.41	4,965.41	4,965.41	37.27	85.70	-55.82	-349.47	-5,583.54	4,381.26	4,263.29	117.97	37.140		
5,500.00	5,142.93	5,056.93	5,056.93	38.10	87.30	-56.24	-349.47	-5,583.54	4,357.37	4,236.99	120.38	36.198		
5,600.00	5,234.45	5,148.45	5,148.45	38.93	88.90	-56.65	-349.47	-5,583.54	4,333.71	4,210.92	122.79	35.293		
5,700.00	5,325.97	5,239.97	5,239.97	39.76	90.49	-57.07	-349.47	-5,583.54	4,310.31	4,185.10	125.21	34.424		
5,800.00	5,417.49	5,331.49	5,331.49	40.59	92.09	-57.50	-349.47	-5,583.54	4,287.16	4,159.52	127.64	33.588		
5,900.00	5,509.01	5,423.01	5,423.01	41.42	93.69	-57.93	-349.47	-5,583.54	4,264.26	4,134.19	130.07	32.784		
6,000.00	5,600.53	5,514.53	5,514.53	42.25	95.29	-58.36	-349.47	-5,583.54	4,241.62	4,109.11	132.51	32.010		
6,100.00	5,692.04	5,606.04	5,606.04	43.07	96.88	-58.80	-349.47	-5,583.54	4,219.24	4,084.29	134.95	31.264		
6,200.00	5,783.56	5,702.44	5,697.56	43.90	98.57	-59.24	-349.47	-5,583.54	4,197.14	4,059.65	137.49	30.527		
6,300.00	5,875.08	5,789.08	5,789.08	44.73	100.08	-59.69	-349.47	-5,583.54	4,175.30	4,035.44	139.86	29.854		
6,400.00	5,966.60	5,880.60	5,880.60	45.56	101.68	-60.14	-349.47	-5,583.54	4,153.74	4,011.42	142.32	29.186		
6,500.00	6,058.12	5,972.12	5,972.12	46.39	103.27	-60.59	-349.47	-5,583.54	4,132.46	3,987.68	144.78	28.542		
6,600.00	6,149.64	6,063.64	6,063.64	47.22	104.87	-61.05	-349.47	-5,583.54	4,111.47	3,964.22	147.25	27.921		
6,700.00	6,241.16	6,155.16	6,155.16	48.05	106.47	-61.51	-349.47	-5,583.54	4,090.77	3,941.04	149.73	27.321		
6,800.00	6,332.68	6,246.68	6,246.68	48.88	108.07	-61.98	-349.47	-5,583.54	4,070.36	3,918.14	152.21	26.742		
6,900.00	6,424.19	6,338.19	6,338.19	49.71	109.66	-62.45	-349.47	-5,583.54	4,050.24	3,895.55	154.70	26.182		
7,000.00	6,514.88	6,428.88	6,428.88	50.58	111.25	-62.93	-349.47	-5,583.54	4,028.32	3,871.12	157.20	25.626		
7,100.00	6,599.14	6,513.14	6,513.14	51.67	112.72	-63.42	-349.47	-5,583.54	3,993.46	3,833.73	159.73	25.001		
7,200.00	6,673.85	6,587.85	6,587.85	53.01	114.02	-63.92	-349.47	-5,583.54	3,945.14	3,782.90	162.24	24.316		
7,300.00	6,736.73	6,650.73	6,650.73	54.56	115.12	-64.43	-349.47	-5,583.54	3,884.95	3,720.29	164.66	23.594		
7,400.00	6,785.87	6,700.13	6,699.87	56.29	115.98	-64.96	-349.47	-5,583.54	3,814.83	3,647.92	166.91	22.856		
7,500.00	6,819.79	6,733.79	6,733.79	58.13	116.57	-65.51	-349.47	-5,583.54	3,736.99	3,568.07	168.92	22.123		
7,600.00	6,837.44	6,751.44	6,751.44	60.02	116.87	-66.08	-349.47	-5,583.54	3,653.82	3,483.18	170.64	21.412		
7,700.00	6,840.00	6,754.00	6,754.00	61.90	116.92	-90.00	-349.47	-5,583.54	3,567.98	3,395.91	172.07	20.736		
7,800.00	6,840.00	6,754.00	6,754.00	63.83	116.92	-90.00	-349.47	-5,583.54	3,482.48	3,308.98	173.50	20.072		
7,900.00	6,840.00	6,754.00	6,754.00	65.81	116.92	-90.00	-349.47	-5,583.54	3,397.77	3,222.75	175.02	19.414		
8,000.00	6,840.00	6,754.00	6,754.00	67.84	116.92	-90.00	-349.47	-5,583.54	3,313.92	3,137.29	176.63	18.762		
8,100.00	6,840.00	6,754.00	6,754.00	69.91	116.92	-90.00	-349.47	-5,583.54	3,230.98	3,052.65	178.33	18.118		
8,200.00	6,840.00	6,754.00	6,754.00	72.03	116.92	-90.00	-349.47	-5,583.54	3,149.03	2,968.91	180.13	17.482		
8,300.00	6,840.00	6,754.00	6,754.00	74.18	116.92	-90.00	-349.47	-5,583.54	3,068.16	2,886.13	182.02	16.856		
8,400.00	6,840.00	6,754.00	6,754.00	76.37	116.92	-90.00	-349.47	-5,583.54	2,988.44	2,804.41	184.03	16.239		
8,500.00	6,840.00	6,754.00	6,754.00	78.59	116.92	-90.00	-349.47	-5,583.54	2,909.98	2,723.84	186.14	15.633		
8,600.00	6,840.00	6,754.00	6,754.00	80.85	116.92	-90.00	-349.47	-5,583.54	2,832.87	2,644.51	188.36	15.039		
8,700.00	6,840.00	6,754.00	6,754.00	83.13	116.92	-90.00	-349.47	-5,583.54	2,757.23	2,566.53	190.70	14.458		
8,800.00	6,840.00	6,754.00	6,754.00	85.44	116.92	-90.00	-349.47	-5,583.54	2,683.19	2,490.03	193.16	13.891		
8,900.00	6,840.00	6,754.00	6,754.00	87.77	116.92	-90.00	-349.47	-5,583.54	2,610.88	2,415.15	195.73	13.339		
9,000.00	6,840.00	6,754.00	6,754.00	90.12	116.92	-90.00	-349.47	-5,583.54	2,540.45	2,342.03	198.42	12.803		
9,100.00	6,840.00	6,754.00	6,754.00	92.50	116.92	-90.00	-349.47	-5,583.54	2,472.06	2,270.83	201.23	12.285		
9,200.00	6,840.00	6,754.00	6,754.00	94.89	116.92	-90.00	-349.47	-5,583.54	2,405.88	2,201.74	204.14	11.785		
9,300.00	6,840.00	6,754.00	6,754.00	97.30	116.92	-90.00	-349.47	-5,583.54	2,342.10	2,134.94	207.16	11.306		
9,400.00	6,840.00	6,754.00	6,754.00	99.73	116.92	-90.00	-349.47	-5,583.54	2,280.93	2,070.65	210.27	10.847		
9,500.00	6,840.00	6,754.00	6,754.00	102.17	116.92	-90.00	-349.47	-5,583.54	2,222.57	2,009.10	213.47	10.412		
9,600.00	6,840.00	6,754.00	6,754.00	104.63	116.92	-90.00	-349.47	-5,583.54	2,167.25	1,950.53	216.72	10.000		
9,700.00	6,840.00	6,754.00	6,754.00	107.10	116.92	-90.00	-349.47	-5,583.54	2,115.22	1,895.20	220.03	9.614		
9,800.00	6,840.00	6,754.00	6,754.00	109.58	116.92	-90.00	-349.47	-5,583.54	2,066.73	1,843.38	223.34	9.254		
9,900.00	6,840.00	6,754.00	6,754.00	112.07	116.92	-90.00	-349.47	-5,583.54	2,022.01	1,795.37	226.65	8.921		
10,000.00	6,840.00	6,754.00	6,754.00	114.58	116.92	-90.00	-349.47	-5,583.54	1,981.34	1,751.44	229.90	8.618		
10,100.00	6,840.00	6,754.00	6,754.00	117.09	116.92	-90.00	-349.47	-5,583.54	1,944.97	1,711.90	233.07	8.345		
10,200.00	6,840.00	6,754.00	6,754.00	119.61	116.92	-90.00	-349.47	-5,583.54	1,913.14	1,677.04	236.10	8.103		
10,300.00	6,840.00	6,754.00	6,754.00	122.14	116.92	-90.00	-349.47	-5,583.54	1,886.07	1,647.11	238.96	7.893		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,754.00	6,754.00	124.68	116.92	-90.00	-349.47	-5,583.54	1,863.99	1,622.39	241.60	7.715		
10,500.00	6,840.00	6,754.00	6,754.00	127.23	116.92	-90.00	-349.47	-5,583.54	1,847.06	1,603.08	243.98	7.571		
10,600.00	6,840.00	6,754.00	6,754.00	129.78	116.92	-90.00	-349.47	-5,583.54	1,835.44	1,589.38	246.06	7.459		
10,700.00	6,840.00	6,754.00	6,754.00	132.35	116.92	-90.00	-349.47	-5,583.54	1,829.21	1,581.40	247.81	7.382		
10,764.08	6,840.00	6,754.00	6,754.00	133.99	116.92	-90.00	-349.47	-5,583.54	1,828.09	1,579.35	248.74	7.349 CC		
10,800.00	6,840.00	6,754.00	6,754.00	134.91	116.92	-90.00	-349.47	-5,583.54	1,828.44	1,579.24	249.20	7.337 ES		
10,900.00	6,840.00	6,754.00	6,754.00	137.49	116.92	-90.00	-349.47	-5,583.54	1,833.13	1,582.91	250.22	7.326 SF		
11,000.00	6,840.00	6,754.00	6,754.00	140.07	116.92	-90.00	-349.47	-5,583.54	1,843.25	1,592.37	250.87	7.347		
11,100.00	6,840.00	6,754.00	6,754.00	142.65	116.92	-90.00	-349.47	-5,583.54	1,858.69	1,607.54	251.16	7.400		
11,200.00	6,840.00	6,754.00	6,754.00	145.24	116.92	-90.00	-349.47	-5,583.54	1,879.34	1,628.25	251.09	7.485		
11,300.00	6,840.00	6,754.00	6,754.00	147.83	116.92	-90.00	-349.47	-5,583.54	1,905.02	1,654.33	250.70	7.599		
11,400.00	6,840.00	6,754.00	6,754.00	150.43	116.92	-90.00	-349.47	-5,583.54	1,935.54	1,685.53	250.00	7.742		
11,500.00	6,840.00	6,754.00	6,754.00	153.04	116.92	-90.00	-349.47	-5,583.54	1,970.66	1,721.61	249.04	7.913		
11,600.00	6,840.00	6,754.00	6,754.00	155.64	116.92	-90.00	-349.47	-5,583.54	2,010.14	1,762.29	247.85	8.110		
11,700.00	6,840.00	6,754.00	6,754.00	158.26	116.92	-90.00	-349.47	-5,583.54	2,053.74	1,807.27	246.47	8.333		
11,800.00	6,840.00	6,754.00	6,754.00	160.87	116.92	-90.00	-349.47	-5,583.54	2,101.20	1,856.27	244.93	8.579		
11,900.00	6,840.00	6,754.00	6,754.00	163.49	116.92	-90.00	-349.47	-5,583.54	2,152.26	1,908.99	243.27	8.847		
12,000.00	6,840.00	6,754.00	6,754.00	166.11	116.92	-90.00	-349.47	-5,583.54	2,206.67	1,965.17	241.51	9.137		
12,100.00	6,840.00	6,754.00	6,754.00	168.74	116.92	-90.00	-349.47	-5,583.54	2,264.20	2,024.52	239.68	9.447		
12,200.00	6,840.00	6,754.00	6,754.00	171.37	116.92	-90.00	-349.47	-5,583.54	2,324.60	2,086.79	237.81	9.775		
12,300.00	6,840.00	6,754.00	6,754.00	174.00	116.92	-90.00	-349.47	-5,583.54	2,387.67	2,151.75	235.92	10.121		
12,400.00	6,840.00	6,754.00	6,754.00	176.63	116.92	-90.00	-349.47	-5,583.54	2,453.19	2,219.17	234.02	10.483		
12,500.00	6,840.00	6,754.00	6,754.00	179.27	116.92	-90.00	-349.47	-5,583.54	2,520.98	2,288.84	232.13	10.860		
12,600.00	6,840.00	6,754.00	6,754.00	181.91	116.92	-90.00	-349.47	-5,583.54	2,590.85	2,360.58	230.27	11.252		
12,700.00	6,840.00	6,754.00	6,754.00	184.55	116.92	-90.00	-349.47	-5,583.54	2,662.65	2,434.22	228.43	11.656		
12,800.00	6,840.00	6,754.00	6,754.00	187.19	116.92	-90.00	-349.47	-5,583.54	2,736.21	2,509.58	226.63	12.073		
12,900.00	6,840.00	6,754.00	6,754.00	189.84	116.92	-90.00	-349.47	-5,583.54	2,811.42	2,586.54	224.88	12.502		
13,000.00	6,840.00	6,754.00	6,754.00	192.48	116.92	-90.00	-349.47	-5,583.54	2,888.12	2,664.95	223.17	12.941		
13,100.00	6,840.00	6,754.00	6,754.00	195.13	116.92	-90.00	-349.47	-5,583.54	2,966.21	2,744.70	221.51	13.391		
13,200.00	6,840.00	6,754.00	6,754.00	197.79	116.92	-90.00	-349.47	-5,583.54	3,045.59	2,825.68	219.90	13.850		
13,300.00	6,840.00	6,754.00	6,754.00	200.44	116.92	-90.00	-349.47	-5,583.54	3,126.15	2,907.79	218.35	14.317		
13,400.00	6,840.00	6,754.00	6,754.00	203.10	116.92	-90.00	-349.47	-5,583.54	3,207.80	2,990.95	216.85	14.793		
13,500.00	6,840.00	6,754.00	6,754.00	205.75	116.92	-90.00	-349.47	-5,583.54	3,290.46	3,075.06	215.41	15.276		
13,600.00	6,840.00	6,754.00	6,754.00	208.41	116.92	-90.00	-349.47	-5,583.54	3,374.07	3,160.06	214.01	15.766		
13,700.00	6,840.00	6,754.00	6,754.00	211.07	116.92	-90.00	-349.47	-5,583.54	3,458.54	3,245.87	212.67	16.262		
13,800.00	6,840.00	6,754.00	6,754.00	213.74	116.92	-90.00	-349.47	-5,583.54	3,543.83	3,332.45	211.38	16.765		
13,900.00	6,840.00	6,754.00	6,754.00	216.40	116.92	-90.00	-349.47	-5,583.54	3,629.86	3,419.73	210.14	17.274		
14,000.00	6,840.00	6,754.00	6,754.00	219.06	116.92	-90.00	-349.47	-5,583.54	3,716.59	3,507.65	208.94	17.788		
14,100.00	6,840.00	6,754.00	6,754.00	221.73	116.92	-90.00	-349.47	-5,583.54	3,803.98	3,596.19	207.79	18.307		
14,200.00	6,840.00	6,754.00	6,754.00	224.40	116.92	-90.00	-349.47	-5,583.54	3,891.97	3,685.28	206.69	18.830		
14,300.00	6,840.00	6,754.00	6,754.00	227.07	116.92	-90.00	-349.47	-5,583.54	3,980.53	3,774.90	205.63	19.358		
14,400.00	6,840.00	6,754.00	6,754.00	229.74	116.92	-90.00	-349.47	-5,583.54	4,069.62	3,865.01	204.61	19.890		
14,500.00	6,840.00	6,754.00	6,754.00	232.41	116.92	-90.00	-349.47	-5,583.54	4,159.21	3,955.58	203.63	20.426		
14,600.00	6,840.00	6,754.00	6,754.00	235.08	116.92	-90.00	-349.47	-5,583.54	4,249.26	4,046.57	202.68	20.965		
14,700.00	6,840.00	6,754.00	6,754.00	237.75	116.92	-90.00	-349.47	-5,583.54	4,339.74	4,137.97	201.78	21.508		
14,800.00	6,840.00	6,754.00	6,754.00	240.43	116.92	-90.00	-349.47	-5,583.54	4,430.64	4,229.73	200.91	22.053		
14,900.00	6,840.00	6,754.00	6,754.00	243.10	116.92	-90.00	-349.47	-5,583.54	4,521.92	4,321.85	200.07	22.602		
15,000.00	6,840.00	6,754.00	6,754.00	245.78	116.92	-90.00	-349.47	-5,583.54	4,613.56	4,414.30	199.26	23.153		
15,100.00	6,840.00	6,754.00	6,754.00	248.46	116.92	-90.00	-349.47	-5,583.54	4,705.54	4,507.05	198.49	23.707		
15,200.00	6,840.00	6,754.00	6,754.00	251.14	116.92	-90.00	-349.47	-5,583.54	4,797.84	4,600.10	197.74	24.263		
15,300.00	6,840.00	6,754.00	6,754.00	253.82	116.92	-90.00	-349.47	-5,583.54	4,890.45	4,693.42	197.02	24.822		
15,400.00	6,840.00	6,754.00	6,754.00	256.50	116.92	-90.00	-349.47	-5,583.54	4,983.34	4,787.01	196.33	25.382		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,754.00	6,754.00	259.18	116.92	-90.00	-349.47	-5,583.54	5,076.50	4,880.83	195.67	25.945		
15,600.00	6,840.00	6,754.00	6,754.00	261.86	116.92	-90.00	-349.47	-5,583.54	5,169.91	4,974.89	195.03	26.509		
15,700.00	6,840.00	6,754.00	6,754.00	264.54	116.92	-90.00	-349.47	-5,583.54	5,263.57	5,069.16	194.41	27.075		
15,800.00	6,840.00	6,754.00	6,754.00	267.23	116.92	-90.00	-349.47	-5,583.54	5,357.46	5,163.65	193.81	27.642		
15,900.00	6,840.00	6,754.00	6,754.00	269.91	116.92	-90.00	-349.47	-5,583.54	5,451.57	5,258.32	193.24	28.211		
16,000.00	6,840.00	6,754.00	6,754.00	272.59	116.92	-90.00	-349.47	-5,583.54	5,545.88	5,353.19	192.69	28.781		
16,100.00	6,840.00	6,754.00	6,754.00	275.28	116.92	-90.00	-349.47	-5,583.54	5,640.38	5,448.23	192.16	29.353		
16,200.00	6,840.00	6,754.00	6,754.00	277.97	116.92	-90.00	-349.47	-5,583.54	5,735.08	5,543.43	191.64	29.926		
16,300.00	6,840.00	6,754.00	6,754.00	280.65	116.92	-90.00	-349.47	-5,583.54	5,829.95	5,638.80	191.15	30.499		
16,400.00	6,840.00	6,754.00	6,754.00	283.34	116.92	-90.00	-349.47	-5,583.54	5,924.99	5,734.32	190.67	31.074		
16,500.00	6,840.00	6,754.00	6,754.00	286.03	116.92	-90.00	-349.47	-5,583.54	6,020.19	5,829.98	190.21	31.650		
16,600.00	6,840.00	6,754.00	6,754.00	288.72	116.92	-90.00	-349.47	-5,583.54	6,115.54	5,925.78	189.77	32.227		
16,700.00	6,840.00	6,754.00	6,754.00	291.41	116.92	-90.00	-349.47	-5,583.54	6,211.04	6,021.70	189.34	32.804		
16,800.00	6,840.00	6,754.00	6,754.00	294.10	116.92	-90.00	-349.47	-5,583.54	6,306.68	6,117.76	188.92	33.382		
16,900.00	6,840.00	6,754.00	6,754.00	296.79	116.92	-90.00	-349.47	-5,583.54	6,402.45	6,213.93	188.52	33.961		
17,000.00	6,840.00	6,754.00	6,754.00	299.48	116.92	-90.00	-349.47	-5,583.54	6,498.35	6,310.22	188.14	34.540		
17,100.00	6,840.00	6,754.00	6,754.00	302.17	116.92	-90.00	-349.47	-5,583.54	6,594.37	6,406.61	187.76	35.120		
17,200.00	6,840.00	6,754.00	6,754.00	304.86	116.92	-90.00	-349.47	-5,583.54	6,690.51	6,503.11	187.40	35.701		
17,300.00	6,840.00	6,754.00	6,754.00	307.56	116.92	-90.00	-349.47	-5,583.54	6,786.76	6,599.71	187.06	36.282		
17,400.00	6,840.00	6,754.00	6,754.00	310.25	116.92	-90.00	-349.47	-5,583.54	6,883.12	6,696.40	186.72	36.863		
17,500.00	6,840.00	6,754.00	6,754.00	312.94	116.92	-90.00	-349.47	-5,583.54	6,979.58	6,793.18	186.39	37.445		
17,600.00	6,840.00	6,754.00	6,754.00	315.64	116.92	-90.00	-349.47	-5,583.54	7,076.14	6,890.05	186.08	38.027		
17,700.00	6,840.00	6,754.00	6,754.00	318.33	116.92	-90.00	-349.47	-5,583.54	7,172.79	6,987.01	185.78	38.610		
17,800.00	6,840.00	6,754.00	6,754.00	321.03	116.92	-90.00	-349.47	-5,583.54	7,269.53	7,084.05	185.48	39.192		
17,900.00	6,840.00	6,754.00	6,754.00	323.72	116.92	-90.00	-349.47	-5,583.54	7,366.36	7,181.16	185.20	39.775		
18,000.00	6,840.00	6,754.00	6,754.00	326.42	116.92	-90.00	-349.47	-5,583.54	7,463.27	7,278.35	184.93	40.358		
18,100.00	6,840.00	6,754.00	6,754.00	329.11	116.92	-90.00	-349.47	-5,583.54	7,560.27	7,375.60	184.66	40.941		
18,200.00	6,840.00	6,754.00	6,754.00	331.81	116.92	-90.00	-349.47	-5,583.54	7,657.34	7,472.93	184.41	41.524		
18,300.00	6,840.00	6,754.00	6,754.00	334.51	116.92	-90.00	-349.47	-5,583.54	7,754.48	7,570.32	184.16	42.108		
18,400.00	6,840.00	6,754.00	6,754.00	337.20	116.92	-90.00	-349.47	-5,583.54	7,851.70	7,667.78	183.92	42.691		
18,500.00	6,840.00	6,754.00	6,754.00	339.90	116.92	-90.00	-349.47	-5,583.54	7,948.98	7,765.30	183.69	43.275		
18,600.00	6,840.00	6,754.00	6,754.00	342.60	116.92	-90.00	-349.47	-5,583.54	8,046.34	7,862.87	183.46	43.858		
18,700.00	6,840.00	6,754.00	6,754.00	345.30	116.92	-90.00	-349.47	-5,583.54	8,143.75	7,960.51	183.25	44.441		
18,800.00	6,840.00	6,754.00	6,754.00	348.00	116.92	-90.00	-349.47	-5,583.54	8,241.23	8,058.19	183.04	45.025		
18,900.00	6,840.00	6,754.00	6,754.00	350.70	116.92	-90.00	-349.47	-5,583.54	8,338.77	8,155.93	182.84	45.608		
19,000.00	6,840.00	6,754.00	6,754.00	353.39	116.92	-90.00	-349.47	-5,583.54	8,436.37	8,253.73	182.64	46.191		
19,100.00	6,840.00	6,754.00	6,754.00	356.09	116.92	-90.00	-349.47	-5,583.54	8,534.02	8,351.57	182.45	46.774		
19,200.00	6,840.00	6,754.00	6,754.00	358.79	116.92	-90.00	-349.47	-5,583.54	8,631.72	8,449.45	182.27	47.357		
19,300.00	6,840.00	6,754.00	6,754.00	361.49	116.92	-90.00	-349.47	-5,583.54	8,729.48	8,547.39	182.09	47.940		
19,400.00	6,840.00	6,754.00	6,754.00	364.20	116.92	-90.00	-349.47	-5,583.54	8,827.29	8,645.37	181.92	48.522		
19,500.00	6,840.00	6,754.00	6,754.00	366.90	116.92	-90.00	-349.47	-5,583.54	8,925.14	8,743.39	181.76	49.105		
19,600.00	6,840.00	6,754.00	6,754.00	369.60	116.92	-90.00	-349.47	-5,583.54	9,023.05	8,841.45	181.60	49.687		
19,700.00	6,840.00	6,754.00	6,754.00	372.30	116.92	-90.00	-349.47	-5,583.54	9,121.00	8,939.55	181.44	50.269		
19,800.00	6,840.00	6,754.00	6,754.00	375.00	116.92	-90.00	-349.47	-5,583.54	9,218.99	9,037.69	181.30	50.850		
19,900.00	6,840.00	6,754.00	6,754.00	377.70	116.92	-90.00	-349.47	-5,583.54	9,317.02	9,135.87	181.15	51.432		
20,000.00	6,840.00	6,754.00	6,754.00	380.40	116.92	-90.00	-349.47	-5,583.54	9,415.10	9,234.09	181.02	52.013		
20,100.00	6,840.00	6,754.00	6,754.00	383.11	116.92	-90.00	-349.47	-5,583.54	9,513.22	9,332.34	180.88	52.594		
20,200.00	6,840.00	6,754.00	6,754.00	385.81	116.92	-90.00	-349.47	-5,583.54	9,611.37	9,430.62	180.75	53.174		
20,300.00	6,840.00	6,754.00	6,754.00	388.51	116.92	-90.00	-349.47	-5,583.54	9,709.57	9,528.94	180.63	53.754		
20,400.00	6,840.00	6,754.00	6,754.00	391.22	116.92	-90.00	-349.47	-5,583.54	9,807.80	9,627.29	180.51	54.334		
20,500.00	6,840.00	6,754.00	6,754.00	393.92	116.92	-90.00	-349.47	-5,583.54	9,906.06	9,725.67	180.39	54.914		
20,539.70	6,840.00	6,754.00	6,754.00	394.99	116.92	-90.00	-349.47	-5,583.54	9,945.08	9,764.73	180.35	55.143		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-76.19	2,347.59	-9,552.80	9,837.98					
100.00	100.00	0.00	0.00	0.13	0.00	-76.19	2,347.59	-9,552.80	9,837.10	9,836.97	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-76.19	2,347.59	-9,552.80	9,837.04	9,836.59	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-76.19	2,347.59	-9,552.80	9,837.04	9,836.04	1.00	9,880.966		
300.00	300.00	164.00	164.00	0.85	1.90	-76.19	2,347.59	-9,552.80	9,837.04	9,834.28	2.75	3,572.194		
400.00	400.00	264.00	264.00	1.21	3.65	-76.19	2,347.59	-9,552.80	9,837.04	9,832.18	4.86	2,025.089		
500.00	500.00	364.00	364.00	1.57	5.39	-76.19	2,347.59	-9,552.80	9,837.04	9,830.07	6.96	1,413.087		
600.00	599.98	463.98	463.98	1.92	7.14	-21.60	2,347.59	-9,552.80	9,835.41	9,826.35	9.06	1,085.383		
700.00	699.84	563.84	563.84	2.28	8.88	-21.65	2,347.59	-9,552.80	9,830.55	9,819.39	11.16	880.836		
800.00	799.45	663.45	663.45	2.65	10.62	-21.73	2,347.59	-9,552.80	9,822.44	9,809.19	13.26	740.866		
900.00	898.70	762.70	762.70	3.02	12.35	-21.84	2,347.59	-9,552.80	9,811.12	9,795.76	15.35	639.053		
1,000.00	997.47	861.47	861.47	3.42	14.08	-21.98	2,347.59	-9,552.80	9,796.58	9,779.13	17.44	561.643		
1,100.00	1,095.62	959.62	959.62	3.84	15.79	-22.16	2,347.59	-9,552.80	9,778.85	9,759.32	19.53	500.774		
1,200.00	1,193.06	1,057.06	1,057.06	4.30	17.49	-22.37	2,347.59	-9,552.80	9,757.96	9,736.35	21.61	451.631		
1,300.00	1,289.64	1,153.64	1,153.64	4.79	19.17	-22.62	2,347.59	-9,552.80	9,733.92	9,710.25	23.68	411.101		
1,400.00	1,385.27	1,249.27	1,249.27	5.33	20.84	-22.90	2,347.59	-9,552.80	9,706.79	9,681.05	25.74	377.084		
1,500.00	1,479.82	1,343.82	1,343.82	5.92	22.49	-23.22	2,347.59	-9,552.80	9,676.59	9,648.79	27.80	348.110		
1,600.00	1,573.17	1,437.17	1,437.17	6.56	24.12	-23.59	2,347.59	-9,552.80	9,643.36	9,613.52	29.84	323.121		
1,700.00	1,665.22	1,529.22	1,529.22	7.26	25.73	-23.95	2,347.59	-9,552.80	9,607.18	9,575.29	31.89	301.301		
1,800.00	1,756.74	1,620.74	1,620.74	7.99	27.33	-24.05	2,347.59	-9,552.80	9,569.86	9,535.94	33.92	282.162		
1,900.00	1,848.26	1,712.26	1,712.26	8.75	28.92	-24.15	2,347.59	-9,552.80	9,532.56	9,496.60	35.96	265.115		
2,000.00	1,939.78	1,803.78	1,803.78	9.51	30.52	-24.25	2,347.59	-9,552.80	9,495.28	9,457.28	38.00	249.846		
2,100.00	2,031.30	1,904.70	1,895.30	10.29	32.28	-24.35	2,347.59	-9,552.80	9,458.03	9,417.81	40.22	235.135		
2,200.00	2,122.82	1,986.82	1,986.82	11.07	33.72	-24.45	2,347.59	-9,552.80	9,420.81	9,378.69	42.12	223.660		
2,300.00	2,214.34	2,078.34	2,078.34	11.86	35.31	-24.55	2,347.59	-9,552.80	9,383.61	9,339.42	44.19	212.358		
2,400.00	2,305.85	2,169.85	2,169.85	12.66	36.91	-24.65	2,347.59	-9,552.80	9,346.44	9,300.18	46.26	202.046		
2,500.00	2,397.37	2,261.37	2,261.37	13.46	38.51	-24.75	2,347.59	-9,552.80	9,309.29	9,260.96	48.33	192.601		
2,600.00	2,488.89	2,352.89	2,352.89	14.26	40.11	-24.85	2,347.59	-9,552.80	9,272.17	9,221.76	50.41	183.920		
2,700.00	2,580.41	2,444.41	2,444.41	15.07	41.70	-24.96	2,347.59	-9,552.80	9,235.08	9,182.58	52.50	175.915		
2,800.00	2,671.93	2,535.93	2,535.93	15.88	43.30	-25.06	2,347.59	-9,552.80	9,198.01	9,143.43	54.58	168.512		
2,900.00	2,763.45	2,627.45	2,627.45	16.69	44.90	-25.16	2,347.59	-9,552.80	9,160.97	9,104.30	56.67	161.645		
3,000.00	2,854.97	2,718.97	2,718.97	17.51	46.49	-25.27	2,347.59	-9,552.80	9,123.96	9,065.19	58.77	155.260		
3,100.00	2,946.49	2,810.49	2,810.49	18.32	48.09	-25.38	2,347.59	-9,552.80	9,086.98	9,026.11	60.86	149.307		
3,200.00	3,038.00	2,902.00	2,902.00	19.14	49.69	-25.49	2,347.59	-9,552.80	9,050.02	8,987.06	62.96	143.745		
3,300.00	3,129.52	3,006.48	2,993.52	19.96	51.51	-25.59	2,347.59	-9,552.80	9,013.09	8,947.81	65.29	138.057		
3,400.00	3,221.04	3,085.04	3,085.04	20.77	52.88	-25.70	2,347.59	-9,552.80	8,976.20	8,909.03	67.16	133.649		
3,500.00	3,312.56	3,176.56	3,176.56	21.59	54.48	-25.81	2,347.59	-9,552.80	8,939.33	8,870.06	69.27	129.055		
3,600.00	3,404.08	3,268.08	3,268.08	22.42	56.08	-25.92	2,347.59	-9,552.80	8,902.49	8,831.11	71.38	124.728		
3,700.00	3,495.60	3,359.60	3,359.60	23.24	57.68	-26.04	2,347.59	-9,552.80	8,865.68	8,792.20	73.48	120.646		
3,800.00	3,587.12	3,451.12	3,451.12	24.06	59.27	-26.15	2,347.59	-9,552.80	8,828.90	8,753.31	75.60	116.789		
3,900.00	3,678.63	3,542.63	3,542.63	24.88	60.87	-26.26	2,347.59	-9,552.80	8,792.16	8,714.45	77.71	113.139		
4,000.00	3,770.15	3,634.15	3,634.15	25.71	62.47	-26.38	2,347.59	-9,552.80	8,755.44	8,675.61	79.83	109.679		
4,100.00	3,861.67	3,725.67	3,725.67	26.53	64.07	-26.49	2,347.59	-9,552.80	8,718.76	8,636.81	81.95	106.396		
4,200.00	3,953.19	3,817.19	3,817.19	27.35	65.66	-26.61	2,347.59	-9,552.80	8,682.11	8,598.04	84.07	103.276		
4,300.00	4,044.71	3,908.71	3,908.71	28.18	67.26	-26.73	2,347.59	-9,552.80	8,645.49	8,559.30	86.19	100.307		
4,400.00	4,136.23	4,000.23	4,000.23	29.01	68.86	-26.85	2,347.59	-9,552.80	8,608.90	8,520.58	88.31	97.480		
4,500.00	4,227.75	4,108.25	4,091.75	29.83	70.74	-26.97	2,347.59	-9,552.80	8,572.35	8,481.62	90.73	94.482		
4,600.00	4,319.27	4,183.27	4,183.27	30.66	72.05	-27.09	2,347.59	-9,552.80	8,535.83	8,443.26	92.57	92.208		
4,700.00	4,410.78	4,274.78	4,274.78	31.48	73.65	-27.21	2,347.59	-9,552.80	8,499.34	8,404.64	94.70	89.748		
4,800.00	4,502.30	4,366.30	4,366.30	32.31	75.25	-27.33	2,347.59	-9,552.80	8,462.89	8,366.06	96.84	87.394		
4,900.00	4,593.82	4,457.82	4,457.82	33.14	76.84	-27.46	2,347.59	-9,552.80	8,426.48	8,327.50	98.97	85.140		
5,000.00	4,685.34	4,549.34	4,549.34	33.96	78.44	-27.58	2,347.59	-9,552.80	8,390.10	8,288.99	101.11	82.980		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,640.86	4,640.86	34.79	80.04	-27.71	2,347.59	-9,552.80	8,353.75	8,250.50	103.25	80.909		
5,200.00	4,868.38	4,732.38	4,732.38	35.62	81.64	-27.83	2,347.59	-9,552.80	8,317.45	8,212.05	105.39	78.920		
5,300.00	4,959.90	4,823.90	4,823.90	36.45	83.23	-27.96	2,347.59	-9,552.80	8,281.17	8,173.64	107.54	77.009		
5,400.00	5,051.41	4,915.41	4,915.41	37.27	84.83	-28.09	2,347.59	-9,552.80	8,244.94	8,135.26	109.68	75.171		
5,500.00	5,142.93	5,006.93	5,006.93	38.10	86.43	-28.22	2,347.59	-9,552.80	8,208.75	8,096.92	111.83	73.403		
5,600.00	5,234.45	5,101.55	5,098.45	38.93	88.08	-28.35	2,347.59	-9,552.80	8,172.59	8,058.55	114.04	71.667		
5,700.00	5,325.97	5,189.97	5,189.97	39.76	89.62	-28.48	2,347.59	-9,552.80	8,136.47	8,020.34	116.14	70.060		
5,800.00	5,417.49	5,281.49	5,281.49	40.59	91.22	-28.62	2,347.59	-9,552.80	8,100.39	7,982.10	118.29	68.479		
5,900.00	5,509.01	5,373.01	5,373.01	41.42	92.82	-28.75	2,347.59	-9,552.80	8,064.36	7,943.91	120.45	66.953		
6,000.00	5,600.53	5,464.53	5,464.53	42.25	94.41	-28.89	2,347.59	-9,552.80	8,028.36	7,905.75	122.61	65.480		
6,100.00	5,692.04	5,556.04	5,556.04	43.07	96.01	-29.02	2,347.59	-9,552.80	7,992.40	7,867.63	124.77	64.056		
6,200.00	5,783.56	5,647.56	5,647.56	43.90	97.61	-29.16	2,347.59	-9,552.80	7,956.49	7,829.55	126.94	62.681		
6,300.00	5,875.08	5,739.08	5,739.08	44.73	99.21	-29.30	2,347.59	-9,552.80	7,920.62	7,791.51	129.10	61.351		
6,400.00	5,966.60	5,830.60	5,830.60	45.56	100.80	-29.44	2,347.59	-9,552.80	7,884.79	7,753.51	131.27	60.064		
6,500.00	6,058.12	5,922.12	5,922.12	46.39	102.40	-29.58	2,347.59	-9,552.80	7,849.00	7,715.55	133.45	58.818		
6,600.00	6,149.64	6,013.64	6,013.64	47.22	104.00	-29.73	2,347.59	-9,552.80	7,813.26	7,677.64	135.62	57.611		
6,700.00	6,241.16	6,105.16	6,105.16	48.05	105.60	-29.87	2,347.59	-9,552.80	7,777.56	7,639.76	137.80	56.442		
6,800.00	6,332.68	6,203.32	6,196.68	48.88	107.31	-30.02	2,347.59	-9,552.80	7,741.91	7,601.81	140.09	55.262		
6,900.00	6,424.19	6,288.19	6,288.19	49.71	108.79	-30.16	2,347.59	-9,552.80	7,706.30	7,564.14	142.16	54.208		
7,000.00	6,514.88	6,378.88	6,378.88	50.58	110.37	-23.89	2,347.59	-9,552.80	7,668.54	7,524.21	144.33	53.131		
7,100.00	6,599.14	6,463.14	6,463.14	51.67	111.84	-15.87	2,347.59	-9,552.80	7,617.15	7,470.77	146.37	52.039		
7,200.00	6,673.85	6,537.85	6,537.85	53.01	113.15	-10.42	2,347.59	-9,552.80	7,551.82	7,403.64	148.18	50.962		
7,300.00	6,736.73	6,600.73	6,600.73	54.56	114.24	-5.67	2,347.59	-9,552.80	7,474.53	7,324.85	149.69	49.934		
7,400.00	6,785.87	6,649.87	6,649.87	56.29	115.10	0.10	2,347.59	-9,552.80	7,387.62	7,236.80	150.82	48.982		
7,500.00	6,819.79	6,683.79	6,683.79	58.13	115.69	10.86	2,347.59	-9,552.80	7,293.71	7,142.17	151.54	48.130		
7,600.00	6,837.44	6,701.44	6,701.44	60.02	116.00	45.71	2,347.59	-9,552.80	7,195.67	7,043.85	151.82	47.395		
7,700.00	6,840.00	6,704.00	6,704.00	61.90	116.05	90.00	2,347.59	-9,552.80	7,096.39	6,944.68	151.71	46.777		
7,800.00	6,840.00	6,704.00	6,704.00	63.83	116.05	90.00	2,347.59	-9,552.80	6,997.12	6,845.60	151.52	46.179		
7,900.00	6,840.00	6,704.00	6,704.00	65.81	116.05	90.00	2,347.59	-9,552.80	6,897.88	6,746.54	151.34	45.580		
8,000.00	6,840.00	6,704.00	6,704.00	67.84	116.05	90.00	2,347.59	-9,552.80	6,798.65	6,647.50	151.15	44.979		
8,100.00	6,840.00	6,704.00	6,704.00	69.91	116.05	90.00	2,347.59	-9,552.80	6,699.45	6,548.49	150.96	44.378		
8,200.00	6,840.00	6,704.00	6,704.00	72.03	116.05	90.00	2,347.59	-9,552.80	6,600.28	6,449.50	150.78	43.776		
8,300.00	6,840.00	6,704.00	6,704.00	74.18	116.05	90.00	2,347.59	-9,552.80	6,501.12	6,350.54	150.59	43.172		
8,400.00	6,840.00	6,704.00	6,704.00	76.37	116.05	90.00	2,347.59	-9,552.80	6,402.00	6,251.60	150.40	42.567		
8,500.00	6,840.00	6,704.00	6,704.00	78.59	116.05	90.00	2,347.59	-9,552.80	6,302.90	6,152.69	150.21	41.961		
8,600.00	6,840.00	6,704.00	6,704.00	80.85	116.05	90.00	2,347.59	-9,552.80	6,203.83	6,053.81	150.02	41.353		
8,700.00	6,840.00	6,704.00	6,704.00	83.13	116.05	90.00	2,347.59	-9,552.80	6,104.80	5,954.96	149.84	40.743		
8,800.00	6,840.00	6,704.00	6,704.00	85.44	116.05	90.00	2,347.59	-9,552.80	6,005.79	5,856.14	149.65	40.132		
8,900.00	6,840.00	6,704.00	6,704.00	87.77	116.05	90.00	2,347.59	-9,552.80	5,906.82	5,757.35	149.47	39.519		
9,000.00	6,840.00	6,704.00	6,704.00	90.12	116.05	90.00	2,347.59	-9,552.80	5,807.88	5,658.59	149.29	38.903		
9,100.00	6,840.00	6,704.00	6,704.00	92.50	116.05	90.00	2,347.59	-9,552.80	5,708.98	5,559.86	149.11	38.286		
9,200.00	6,840.00	6,704.00	6,704.00	94.89	116.05	90.00	2,347.59	-9,552.80	5,610.12	5,461.17	148.94	37.666		
9,300.00	6,840.00	6,704.00	6,704.00	97.30	116.05	90.00	2,347.59	-9,552.80	5,511.30	5,362.52	148.78	37.044		
9,400.00	6,840.00	6,704.00	6,704.00	99.73	116.05	90.00	2,347.59	-9,552.80	5,412.52	5,263.90	148.62	36.419		
9,500.00	6,840.00	6,704.00	6,704.00	102.17	116.05	90.00	2,347.59	-9,552.80	5,313.79	5,165.32	148.47	35.791		
9,600.00	6,840.00	6,704.00	6,704.00	104.63	116.05	90.00	2,347.59	-9,552.80	5,215.11	5,066.78	148.33	35.159		
9,700.00	6,840.00	6,704.00	6,704.00	107.10	116.05	90.00	2,347.59	-9,552.80	5,116.47	4,968.28	148.20	34.525		
9,800.00	6,840.00	6,704.00	6,704.00	109.58	116.05	90.00	2,347.59	-9,552.80	5,017.90	4,869.82	148.08	33.886		
9,900.00	6,840.00	6,704.00	6,704.00	112.07	116.05	90.00	2,347.59	-9,552.80	4,919.38	4,771.40	147.98	33.244		
10,000.00	6,840.00	6,704.00	6,704.00	114.58	116.05	90.00	2,347.59	-9,552.80	4,820.92	4,673.02	147.90	32.597		
10,100.00	6,840.00	6,704.00	6,704.00	117.09	116.05	90.00	2,347.59	-9,552.80	4,722.52	4,574.69	147.83	31.945		
10,200.00	6,840.00	6,704.00	6,704.00	119.61	116.05	90.00	2,347.59	-9,552.80	4,624.20	4,476.41	147.79	31.289		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,704.00	6,704.00	122.14	116.05	90.00	2,347.59	-9,552.80	4,525.95	4,378.17	147.78	30.627		
10,400.00	6,840.00	6,704.00	6,704.00	124.68	116.05	90.00	2,347.59	-9,552.80	4,427.77	4,279.98	147.80	29.959		
10,500.00	6,840.00	6,704.00	6,704.00	127.23	116.05	90.00	2,347.59	-9,552.80	4,329.68	4,181.83	147.85	29.285		
10,600.00	6,840.00	6,704.00	6,704.00	129.78	116.05	90.00	2,347.59	-9,552.80	4,231.68	4,083.74	147.94	28.605		
10,700.00	6,840.00	6,704.00	6,704.00	132.35	116.05	90.00	2,347.59	-9,552.80	4,133.78	3,985.70	148.07	27.917		
10,800.00	6,840.00	6,704.00	6,704.00	134.91	116.05	90.00	2,347.59	-9,552.80	4,035.97	3,887.71	148.26	27.223		
10,900.00	6,840.00	6,704.00	6,704.00	137.49	116.05	90.00	2,347.59	-9,552.80	3,938.28	3,789.78	148.50	26.520		
11,000.00	6,840.00	6,704.00	6,704.00	140.07	116.05	90.00	2,347.59	-9,552.80	3,840.71	3,691.90	148.81	25.810		
11,100.00	6,840.00	6,704.00	6,704.00	142.65	116.05	90.00	2,347.59	-9,552.80	3,743.26	3,594.08	149.18	25.092		
11,200.00	6,840.00	6,704.00	6,704.00	145.24	116.05	90.00	2,347.59	-9,552.80	3,645.96	3,496.32	149.64	24.366		
11,300.00	6,840.00	6,704.00	6,704.00	147.83	116.05	90.00	2,347.59	-9,552.80	3,548.80	3,398.62	150.18	23.631		
11,400.00	6,840.00	6,704.00	6,704.00	150.43	116.05	90.00	2,347.59	-9,552.80	3,451.80	3,300.99	150.82	22.887		
11,500.00	6,840.00	6,704.00	6,704.00	153.04	116.05	90.00	2,347.59	-9,552.80	3,354.99	3,203.42	151.56	22.136		
11,600.00	6,840.00	6,704.00	6,704.00	155.64	116.05	90.00	2,347.59	-9,552.80	3,258.36	3,105.93	152.43	21.376		
11,700.00	6,840.00	6,704.00	6,704.00	158.26	116.05	90.00	2,347.59	-9,552.80	3,161.94	3,008.52	153.43	20.609		
11,800.00	6,840.00	6,704.00	6,704.00	160.87	116.05	90.00	2,347.59	-9,552.80	3,065.76	2,911.19	154.56	19.835		
11,900.00	6,840.00	6,704.00	6,704.00	163.49	116.05	90.00	2,347.59	-9,552.80	2,969.82	2,813.96	155.86	19.054		
12,000.00	6,840.00	6,704.00	6,704.00	166.11	116.05	90.00	2,347.59	-9,552.80	2,874.16	2,716.84	157.33	18.269		
12,100.00	6,840.00	6,704.00	6,704.00	168.74	116.05	90.00	2,347.59	-9,552.80	2,778.81	2,619.83	158.98	17.479		
12,200.00	6,840.00	6,704.00	6,704.00	171.37	116.05	90.00	2,347.59	-9,552.80	2,683.80	2,522.96	160.84	16.686		
12,300.00	6,840.00	6,704.00	6,704.00	174.00	116.05	90.00	2,347.59	-9,552.80	2,589.16	2,426.24	162.93	15.892		
12,400.00	6,840.00	6,704.00	6,704.00	176.63	116.05	90.00	2,347.59	-9,552.80	2,494.94	2,329.69	165.25	15.098		
12,500.00	6,840.00	6,704.00	6,704.00	179.27	116.05	90.00	2,347.59	-9,552.80	2,401.19	2,233.34	167.85	14.305		
12,600.00	6,840.00	6,704.00	6,704.00	181.91	116.05	90.00	2,347.59	-9,552.80	2,307.96	2,137.22	170.75	13.517		
12,700.00	6,840.00	6,704.00	6,704.00	184.55	116.05	90.00	2,347.59	-9,552.80	2,215.33	2,041.36	173.97	12.734		
12,800.00	6,840.00	6,704.00	6,704.00	187.19	116.05	90.00	2,347.59	-9,552.80	2,123.36	1,945.82	177.54	11.960		
12,900.00	6,840.00	6,704.00	6,704.00	189.84	116.05	90.00	2,347.59	-9,552.80	2,032.15	1,850.64	181.51	11.196		
13,000.00	6,840.00	6,704.00	6,704.00	192.48	116.05	90.00	2,347.59	-9,552.80	1,941.80	1,755.88	185.92	10.444		
13,100.00	6,840.00	6,704.00	6,704.00	195.13	116.05	90.00	2,347.59	-9,552.80	1,852.45	1,661.64	190.81	9.708		
13,200.00	6,840.00	6,704.00	6,704.00	197.79	116.05	90.00	2,347.59	-9,552.80	1,764.25	1,568.00	196.24	8.990		
13,300.00	6,840.00	6,704.00	6,704.00	200.44	116.05	90.00	2,347.59	-9,552.80	1,677.36	1,475.09	202.27	8.293		
13,400.00	6,840.00	6,704.00	6,704.00	203.10	116.05	90.00	2,347.59	-9,552.80	1,592.02	1,383.06	208.95	7.619		
13,500.00	6,840.00	6,704.00	6,704.00	205.75	116.05	90.00	2,347.59	-9,552.80	1,508.48	1,292.11	216.37	6.972		
13,600.00	6,840.00	6,704.00	6,704.00	208.41	116.05	90.00	2,347.59	-9,552.80	1,427.05	1,202.47	224.58	6.354		
13,700.00	6,840.00	6,704.00	6,704.00	211.07	116.05	90.00	2,347.59	-9,552.80	1,348.13	1,114.47	233.66	5.770		
13,800.00	6,840.00	6,704.00	6,704.00	213.74	116.05	90.00	2,347.59	-9,552.80	1,272.18	1,028.52	243.65	5.221		
13,900.00	6,840.00	6,704.00	6,704.00	216.40	116.05	90.00	2,347.59	-9,552.80	1,199.75	945.16	254.60	4.712		
14,000.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,347.59	-9,552.80	1,131.54	865.07	266.48	4.246		
14,100.00	6,840.00	6,704.00	6,704.00	221.73	116.05	90.00	2,347.59	-9,552.80	1,068.35	789.15	279.20	3.827		
14,200.00	6,840.00	6,704.00	6,704.00	224.40	116.05	90.00	2,347.59	-9,552.80	1,011.11	718.56	292.56	3.456		
14,300.00	6,840.00	6,704.00	6,704.00	227.07	116.05	90.00	2,347.59	-9,552.80	960.90	654.69	306.21	3.138		
14,400.00	6,840.00	6,704.00	6,704.00	229.74	116.05	90.00	2,347.59	-9,552.80	918.86	599.24	319.62	2.875		
14,500.00	6,840.00	6,704.00	6,704.00	232.41	116.05	90.00	2,347.59	-9,552.80	886.16	554.06	332.10	2.668		
14,600.00	6,840.00	6,704.00	6,704.00	235.08	116.05	90.00	2,347.59	-9,552.80	863.86	521.01	342.85	2.520		
14,700.00	6,840.00	6,704.00	6,704.00	237.75	116.05	90.00	2,347.59	-9,552.80	852.78	501.67	351.11	2.429		
14,745.11	6,840.00	6,704.00	6,704.00	238.96	116.05	90.00	2,347.59	-9,552.80	851.59	497.72	353.87	2.407 CC		
14,800.00	6,840.00	6,704.00	6,704.00	240.43	116.05	90.00	2,347.59	-9,552.80	853.36	497.01	356.34	2.395 ES, SF		
14,900.00	6,840.00	6,704.00	6,704.00	243.10	116.05	90.00	2,347.59	-9,552.80	865.56	507.23	358.33	2.416		
15,000.00	6,840.00	6,704.00	6,704.00	245.78	116.05	90.00	2,347.59	-9,552.80	888.92	531.66	357.26	2.488		
15,100.00	6,840.00	6,704.00	6,704.00	248.46	116.05	90.00	2,347.59	-9,552.80	922.58	568.96	353.62	2.609		
15,200.00	6,840.00	6,704.00	6,704.00	251.14	116.05	90.00	2,347.59	-9,552.80	965.47	617.42	348.05	2.774		
15,300.00	6,840.00	6,704.00	6,704.00	253.82	116.05	90.00	2,347.59	-9,552.80	1,016.42	675.23	341.19	2.979		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,704.00	6,704.00	256.50	116.05	90.00	2,347.59	-9,552.80	1,074.29	740.66	333.63	3.220		
15,500.00	6,840.00	6,704.00	6,704.00	259.18	116.05	90.00	2,347.59	-9,552.80	1,138.01	812.23	325.78	3.493		
15,600.00	6,840.00	6,704.00	6,704.00	261.86	116.05	90.00	2,347.59	-9,552.80	1,206.67	888.69	317.98	3.795		
15,700.00	6,840.00	6,704.00	6,704.00	264.54	116.05	90.00	2,347.59	-9,552.80	1,279.46	969.05	310.41	4.122		
15,800.00	6,840.00	6,704.00	6,704.00	267.23	116.05	90.00	2,347.59	-9,552.80	1,355.73	1,052.52	303.21	4.471		
15,900.00	6,840.00	6,704.00	6,704.00	269.91	116.05	90.00	2,347.59	-9,552.80	1,434.92	1,138.49	296.43	4.841		
16,000.00	6,840.00	6,704.00	6,704.00	272.59	116.05	90.00	2,347.59	-9,552.80	1,516.56	1,226.46	290.10	5.228		
16,100.00	6,840.00	6,704.00	6,704.00	275.28	116.05	90.00	2,347.59	-9,552.80	1,600.29	1,316.08	284.21	5.631		
16,200.00	6,840.00	6,704.00	6,704.00	277.97	116.05	90.00	2,347.59	-9,552.80	1,685.80	1,407.03	278.76	6.047		
16,300.00	6,840.00	6,704.00	6,704.00	280.65	116.05	90.00	2,347.59	-9,552.80	1,772.82	1,499.10	273.72	6.477		
16,400.00	6,840.00	6,704.00	6,704.00	283.34	116.05	90.00	2,347.59	-9,552.80	1,861.15	1,592.09	269.06	6.917		
16,500.00	6,840.00	6,704.00	6,704.00	286.03	116.05	90.00	2,347.59	-9,552.80	1,950.60	1,685.86	264.75	7.368		
16,600.00	6,840.00	6,704.00	6,704.00	288.72	116.05	90.00	2,347.59	-9,552.80	2,041.04	1,780.28	260.76	7.827		
16,700.00	6,840.00	6,704.00	6,704.00	291.41	116.05	90.00	2,347.59	-9,552.80	2,132.33	1,875.26	257.06	8.295		
16,800.00	6,840.00	6,704.00	6,704.00	294.10	116.05	90.00	2,347.59	-9,552.80	2,224.36	1,970.73	253.64	8.770		
16,900.00	6,840.00	6,704.00	6,704.00	296.79	116.05	90.00	2,347.59	-9,552.80	2,317.06	2,066.60	250.46	9.251		
17,000.00	6,840.00	6,704.00	6,704.00	299.48	116.05	90.00	2,347.59	-9,552.80	2,410.34	2,162.84	247.50	9.739		
17,100.00	6,840.00	6,704.00	6,704.00	302.17	116.05	90.00	2,347.59	-9,552.80	2,504.14	2,259.40	244.74	10.232		
17,200.00	6,840.00	6,704.00	6,704.00	304.86	116.05	90.00	2,347.59	-9,552.80	2,598.40	2,356.23	242.17	10.730		
17,300.00	6,840.00	6,704.00	6,704.00	307.56	116.05	90.00	2,347.59	-9,552.80	2,693.08	2,453.31	239.77	11.232		
17,400.00	6,840.00	6,704.00	6,704.00	310.25	116.05	90.00	2,347.59	-9,552.80	2,788.13	2,550.60	237.53	11.738		
17,500.00	6,840.00	6,704.00	6,704.00	312.94	116.05	90.00	2,347.59	-9,552.80	2,883.51	2,648.09	235.42	12.248		
17,600.00	6,840.00	6,704.00	6,704.00	315.64	116.05	90.00	2,347.59	-9,552.80	2,979.20	2,745.75	233.45	12.762		
17,700.00	6,840.00	6,704.00	6,704.00	318.33	116.05	90.00	2,347.59	-9,552.80	3,075.16	2,843.56	231.59	13.278		
17,800.00	6,840.00	6,704.00	6,704.00	321.03	116.05	90.00	2,347.59	-9,552.80	3,171.37	2,941.52	229.85	13.798		
17,900.00	6,840.00	6,704.00	6,704.00	323.72	116.05	90.00	2,347.59	-9,552.80	3,267.81	3,039.60	228.21	14.320		
18,000.00	6,840.00	6,704.00	6,704.00	326.42	116.05	90.00	2,347.59	-9,552.80	3,364.45	3,137.80	226.66	14.844		
18,100.00	6,840.00	6,704.00	6,704.00	329.11	116.05	90.00	2,347.59	-9,552.80	3,461.29	3,236.10	225.19	15.370		
18,200.00	6,840.00	6,704.00	6,704.00	331.81	116.05	90.00	2,347.59	-9,552.80	3,558.30	3,334.49	223.81	15.899		
18,300.00	6,840.00	6,704.00	6,704.00	334.51	116.05	90.00	2,347.59	-9,552.80	3,655.47	3,432.97	222.50	16.429		
18,400.00	6,840.00	6,704.00	6,704.00	337.20	116.05	90.00	2,347.59	-9,552.80	3,752.79	3,531.54	221.26	16.961		
18,500.00	6,840.00	6,704.00	6,704.00	339.90	116.05	90.00	2,347.59	-9,552.80	3,850.25	3,630.17	220.08	17.495		
18,600.00	6,840.00	6,704.00	6,704.00	342.60	116.05	90.00	2,347.59	-9,552.80	3,947.84	3,728.87	218.96	18.030		
18,700.00	6,840.00	6,704.00	6,704.00	345.30	116.05	90.00	2,347.59	-9,552.80	4,045.54	3,827.64	217.90	18.566		
18,800.00	6,840.00	6,704.00	6,704.00	348.00	116.05	90.00	2,347.59	-9,552.80	4,143.35	3,926.46	216.89	19.104		
18,900.00	6,840.00	6,704.00	6,704.00	350.70	116.05	90.00	2,347.59	-9,552.80	4,241.27	4,025.34	215.93	19.642		
19,000.00	6,840.00	6,704.00	6,704.00	353.39	116.05	90.00	2,347.59	-9,552.80	4,339.28	4,124.27	215.01	20.182		
19,100.00	6,840.00	6,704.00	6,704.00	356.09	116.05	90.00	2,347.59	-9,552.80	4,437.37	4,223.24	214.13	20.722		
19,200.00	6,840.00	6,704.00	6,704.00	358.79	116.05	90.00	2,347.59	-9,552.80	4,535.56	4,322.26	213.30	21.264		
19,300.00	6,840.00	6,704.00	6,704.00	361.49	116.05	90.00	2,347.59	-9,552.80	4,633.82	4,421.31	212.50	21.806		
19,400.00	6,840.00	6,704.00	6,704.00	364.20	116.05	90.00	2,347.59	-9,552.80	4,732.15	4,520.41	211.74	22.349		
19,500.00	6,840.00	6,704.00	6,704.00	366.90	116.05	90.00	2,347.59	-9,552.80	4,830.55	4,619.54	211.01	22.892		
19,600.00	6,840.00	6,704.00	6,704.00	369.60	116.05	90.00	2,347.59	-9,552.80	4,929.02	4,718.70	210.32	23.436		
19,700.00	6,840.00	6,704.00	6,704.00	372.30	116.05	90.00	2,347.59	-9,552.80	5,027.54	4,817.89	209.65	23.981		
19,800.00	6,840.00	6,704.00	6,704.00	375.00	116.05	90.00	2,347.59	-9,552.80	5,126.12	4,917.11	209.01	24.526		
19,900.00	6,840.00	6,704.00	6,704.00	377.70	116.05	90.00	2,347.59	-9,552.80	5,224.76	5,016.36	208.40	25.071		
20,000.00	6,840.00	6,704.00	6,704.00	380.40	116.05	90.00	2,347.59	-9,552.80	5,323.45	5,115.64	207.81	25.617		
20,100.00	6,840.00	6,704.00	6,704.00	383.11	116.05	90.00	2,347.59	-9,552.80	5,422.18	5,214.94	207.24	26.163		
20,200.00	6,840.00	6,704.00	6,704.00	385.81	116.05	90.00	2,347.59	-9,552.80	5,520.97	5,314.26	206.70	26.710		
20,300.00	6,840.00	6,704.00	6,704.00	388.51	116.05	90.00	2,347.59	-9,552.80	5,619.79	5,413.61	206.18	27.256		
20,400.00	6,840.00	6,704.00	6,704.00	391.22	116.05	90.00	2,347.59	-9,552.80	5,718.66	5,512.97	205.68	27.803		
20,500.00	6,840.00	6,704.00	6,704.00	393.92	116.05	90.00	2,347.59	-9,552.80	5,817.56	5,612.36	205.20	28.351		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - ABND VERT DUPPER 2 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,704.00	6,704.00	394.99	116.05	90.00	2,347.59	-9,552.80	5,856.83	5,651.81	205.02	28.568	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-84.28	955.95	-9,550.55	9,599.27					
100.00	100.00	0.00	0.00	0.13	0.00	-84.28	955.95	-9,550.55	9,598.35	9,598.21	0.13	N/A		
200.00	200.00	82.18	82.18	0.49	0.09	-84.28	955.98	-9,550.46	9,598.21	9,597.63	0.58	N/A		
300.00	300.00	192.27	192.27	0.85	0.20	-84.28	955.88	-9,550.17	9,597.93	9,596.88	1.05	9,155.263		
400.00	400.00	311.53	311.53	1.21	0.31	-84.29	955.50	-9,549.71	9,597.52	9,596.00	1.51	6,335.289		
500.00	500.00	388.65	388.65	1.57	0.33	-84.29	955.61	-9,549.41	9,597.14	9,595.25	1.90	5,053.738		
600.00	599.98	510.36	510.36	1.92	0.37	-29.70	955.74	-9,548.95	9,595.27	9,592.97	2.30	4,175.131		
700.00	699.84	577.43	577.42	2.28	0.41	-29.76	955.45	-9,548.78	9,590.41	9,587.73	2.69	3,568.598		
800.00	799.45	675.54	675.53	2.65	0.46	-29.87	954.73	-9,548.74	9,582.73	9,579.64	3.10	3,095.243		
900.00	898.70	760.87	760.85	3.02	0.50	-30.01	953.86	-9,548.74	9,572.05	9,568.55	3.50	2,735.704		
1,000.00	997.47	835.93	835.91	3.42	0.54	-30.19	952.89	-9,548.92	9,558.59	9,554.69	3.90	2,451.055		
1,100.00	1,095.62	914.63	914.60	3.84	0.57	-30.41	951.80	-9,549.33	9,542.42	9,538.11	4.31	2,215.286		
1,200.00	1,193.06	1,029.93	1,029.88	4.30	0.62	-30.70	950.12	-9,549.84	9,523.21	9,518.47	4.74	2,010.471		
1,300.00	1,289.64	1,110.24	1,110.18	4.79	0.66	-31.00	948.70	-9,550.26	9,501.13	9,495.97	5.16	1,839.725		
1,400.00	1,385.27	1,187.30	1,187.23	5.33	0.69	-31.35	947.14	-9,550.82	9,476.35	9,470.74	5.60	1,690.968		
1,500.00	1,479.82	1,239.01	1,238.93	5.92	0.71	-31.71	946.07	-9,551.34	9,449.01	9,442.96	6.05	1,561.501		
1,600.00	1,573.17	1,300.00	1,299.90	6.56	0.73	-32.12	945.00	-9,552.30	9,419.35	9,412.83	6.52	1,444.708		
1,700.00	1,665.22	1,416.57	1,416.44	7.26	0.77	-32.61	943.12	-9,554.08	9,386.97	9,379.94	7.03	1,335.785		
1,800.00	1,756.74	1,478.05	1,477.90	7.99	0.79	-32.71	942.15	-9,554.99	9,353.50	9,345.97	7.53	1,242.581		
1,900.00	1,848.26	1,536.70	1,536.54	8.75	0.81	-32.80	941.27	-9,556.05	9,320.39	9,312.35	8.04	1,159.270		
2,000.00	1,939.78	1,600.00	1,599.82	9.51	0.84	-32.89	940.38	-9,557.44	9,287.67	9,279.10	8.56	1,084.423		
2,100.00	2,031.30	1,681.14	1,680.92	10.29	0.86	-33.02	939.38	-9,559.37	9,255.21	9,246.10	9.10	1,016.788		
2,200.00	2,122.82	1,746.46	1,746.22	11.07	0.88	-33.12	938.67	-9,561.00	9,222.91	9,213.27	9.65	956.210		
2,300.00	2,214.34	1,800.00	1,799.74	11.86	0.90	-33.20	938.08	-9,562.52	9,191.00	9,180.81	10.19	901.649		
2,400.00	2,305.85	1,868.82	1,868.52	12.66	0.92	-33.30	937.49	-9,564.70	9,159.45	9,148.70	10.75	851.945		
2,500.00	2,397.37	1,926.73	1,926.40	13.46	0.94	-33.39	937.27	-9,566.70	9,128.26	9,116.95	11.31	806.869		
2,600.00	2,488.89	1,979.47	1,979.10	14.26	0.95	-33.47	937.26	-9,568.75	9,097.52	9,085.64	11.88	765.776		
2,700.00	2,580.41	2,124.66	2,124.17	15.07	0.99	-33.68	938.28	-9,574.41	9,066.95	9,054.49	12.47	727.364		
2,800.00	2,671.93	2,800.00	2,456.87	15.88	1.11	-34.14	944.24	-9,582.03	9,035.44	9,022.30	13.15	687.253		
2,900.00	2,763.45	2,587.93	2,587.26	16.69	1.07	-34.33	946.55	-9,582.58	9,001.71	8,988.06	13.65	659.697		
3,000.00	2,854.97	2,678.52	2,677.83	17.51	1.09	-34.46	948.25	-9,582.88	8,967.97	8,953.75	14.22	630.469		
3,100.00	2,946.49	2,790.70	2,789.99	18.32	1.10	-34.62	950.39	-9,583.15	8,934.20	8,919.40	14.81	603.440		
3,200.00	3,038.00	2,863.60	2,862.87	19.14	1.12	-34.72	952.08	-9,583.27	8,900.43	8,885.04	15.39	578.318		
3,300.00	3,129.52	2,992.69	2,991.94	19.96	1.14	-34.91	954.45	-9,583.58	8,866.79	8,850.82	15.97	555.058		
3,400.00	3,221.04	3,129.89	3,129.13	20.77	1.16	-35.11	956.17	-9,583.19	8,832.66	8,816.10	16.56	533.486		
3,500.00	3,312.56	3,257.88	3,257.11	21.59	1.17	-35.31	957.49	-9,582.03	8,797.94	8,780.80	17.14	513.383		
3,600.00	3,404.08	3,331.11	3,330.33	22.42	1.18	-35.42	958.11	-9,581.37	8,763.31	8,745.58	17.73	494.279		
3,700.00	3,495.60	3,400.00	3,399.22	23.24	1.19	-35.53	959.12	-9,580.94	8,729.00	8,710.67	18.33	476.334		
3,800.00	3,587.12	3,461.42	3,460.62	24.06	1.20	-35.62	960.27	-9,580.74	8,695.01	8,676.08	18.93	459.363		
3,900.00	3,678.63	3,555.99	3,555.18	24.88	1.22	-35.77	961.93	-9,580.62	8,661.27	8,641.74	19.53	443.515		
4,000.00	3,770.15	3,675.96	3,675.15	25.71	1.24	-35.96	963.19	-9,580.16	8,627.32	8,607.19	20.13	428.659		
4,100.00	3,861.67	3,767.92	3,767.10	26.53	1.26	-36.11	964.08	-9,579.64	8,593.26	8,572.53	20.73	414.505		
4,200.00	3,953.19	3,863.97	3,863.14	27.35	1.28	-36.26	965.00	-9,579.12	8,559.27	8,537.93	21.34	401.123		
4,300.00	4,044.71	3,994.39	3,993.55	28.18	1.30	-36.48	966.35	-9,578.11	8,525.14	8,503.20	21.94	388.604		
4,400.00	4,136.23	4,135.78	4,134.92	29.01	1.32	-36.71	966.91	-9,576.11	8,490.40	8,467.86	22.54	376.757		
4,500.00	4,227.75	4,216.22	4,215.36	29.83	1.33	-36.85	967.06	-9,574.85	8,455.63	8,432.47	23.15	365.195		
4,600.00	4,319.27	4,287.53	4,286.65	30.66	1.34	-36.97	967.71	-9,573.86	8,421.09	8,397.31	23.78	354.181		
4,700.00	4,410.78	4,417.45	4,416.53	31.48	1.37	-37.18	970.51	-9,571.95	8,386.56	8,362.17	24.38	343.945		
4,800.00	4,502.30	4,468.34	4,467.39	32.31	1.38	-37.26	972.03	-9,571.24	8,352.10	8,327.08	25.02	333.834		
4,900.00	4,593.82	4,547.57	4,546.57	33.14	1.40	-37.39	974.75	-9,570.34	8,317.97	8,292.32	25.65	324.325		
5,000.00	4,685.34	4,680.92	4,679.84	33.96	1.43	-37.60	978.97	-9,568.61	8,283.78	8,257.52	26.26	315.480		
5,100.00	4,776.86	4,778.22	4,777.11	34.79	1.45	-37.76	980.89	-9,566.95	8,249.23	8,222.34	26.89	306.821		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,867.99	4,866.86	35.62	1.46	-37.91	982.07	-9,565.45	8,214.76	8,187.24	27.52	298.485		
5,300.00	4,959.90	4,974.53	4,973.37	36.45	1.49	-38.10	983.09	-9,563.61	8,180.30	8,152.15	28.15	290.551		
5,400.00	5,051.41	5,083.39	5,082.21	37.27	1.51	-38.30	983.69	-9,561.47	8,145.68	8,116.89	28.79	282.931		
5,500.00	5,142.93	5,178.27	5,177.07	38.10	1.52	-38.48	984.00	-9,559.47	8,111.00	8,081.57	29.44	275.552		
5,600.00	5,234.45	5,247.73	5,246.51	38.93	1.54	-38.61	984.38	-9,558.06	8,076.47	8,046.38	30.09	268.378		
5,700.00	5,325.97	5,319.66	5,318.43	39.76	1.55	-38.74	984.71	-9,556.86	8,042.31	8,011.55	30.75	261.499		
5,800.00	5,417.49	5,437.59	5,436.35	40.59	1.57	-38.97	984.93	-9,554.74	8,008.11	7,976.71	31.40	255.023		
5,900.00	5,509.01	5,531.08	5,529.81	41.42	1.59	-39.15	984.96	-9,552.83	7,973.77	7,941.71	32.06	248.699		
6,000.00	5,600.53	5,600.71	5,599.43	42.25	1.60	-39.29	984.76	-9,551.54	7,939.67	7,906.93	32.74	242.537		
6,100.00	5,692.04	5,692.83	5,691.53	43.07	1.62	-39.47	984.28	-9,549.93	7,905.75	7,872.35	33.41	236.663		
6,200.00	5,783.56	5,769.24	5,767.93	43.90	1.63	-39.63	983.72	-9,548.65	7,871.98	7,837.90	34.08	230.957		
6,300.00	5,875.08	5,828.93	5,827.61	44.73	1.64	-39.75	983.09	-9,547.79	7,838.53	7,803.75	34.77	225.418		
6,400.00	5,966.60	5,878.03	5,876.71	45.56	1.64	-39.85	982.41	-9,547.33	7,805.61	7,770.14	35.47	220.061		
6,500.00	6,058.12	5,939.47	5,938.14	46.39	1.65	-39.99	981.35	-9,547.06	7,773.23	7,737.06	36.17	214.935		
6,600.00	6,149.64	6,013.58	6,012.23	47.22	1.66	-40.15	979.77	-9,546.93	7,741.19	7,704.33	36.86	210.022		
6,700.00	6,241.16	6,103.56	6,102.19	48.05	1.66	-40.35	977.86	-9,546.85	7,709.33	7,671.78	37.55	205.317		
6,800.00	6,332.68	6,159.29	6,157.91	48.88	1.67	-40.47	976.79	-9,546.95	7,677.79	7,639.53	38.26	200.697		
6,900.00	6,424.19	6,244.21	6,242.81	49.71	1.67	-40.65	975.33	-9,547.44	7,646.69	7,607.74	38.95	196.312		
7,000.00	6,514.88	6,339.83	6,338.42	50.58	1.68	-34.86	973.87	-9,547.76	7,613.19	7,573.54	39.65	192.009		
7,100.00	6,599.14	6,400.00	6,398.59	51.67	1.68	-28.02	973.06	-9,548.12	7,565.95	7,525.56	40.39	187.327		
7,200.00	6,673.85	6,472.16	6,470.74	53.01	1.68	-24.60	972.10	-9,548.69	7,504.38	7,463.28	41.10	182.578		
7,300.00	6,736.73	6,577.32	6,575.89	54.56	1.69	-23.47	970.65	-9,549.30	7,430.11	7,388.37	41.74	178.018		
7,400.00	6,785.87	6,636.33	6,634.89	56.29	1.70	-24.24	969.91	-9,549.36	7,345.20	7,302.89	42.31	173.622		
7,500.00	6,819.79	6,668.13	6,666.69	58.13	1.70	-28.35	969.53	-9,549.39	7,252.56	7,209.79	42.77	169.587		
7,600.00	6,837.44	6,684.77	6,683.33	60.02	1.70	-45.69	969.33	-9,549.42	7,154.99	7,111.89	43.09	166.045		
7,700.00	6,840.00	6,687.31	6,686.86	61.90	1.70	-88.25	969.30	-9,549.42	7,055.40	7,012.11	43.29	162.996		
7,800.00	6,840.00	6,687.44	6,686.00	63.83	1.70	-88.26	969.30	-9,549.42	6,955.68	6,912.22	43.46	160.039		
7,900.00	6,840.00	6,687.57	6,686.13	65.81	1.70	-88.27	969.30	-9,549.42	6,855.97	6,812.33	43.65	157.085		
8,000.00	6,840.00	6,687.71	6,686.27	67.84	1.70	-88.29	969.30	-9,549.42	6,756.27	6,712.44	43.83	154.133		
8,100.00	6,840.00	6,687.84	6,686.40	69.91	1.70	-88.30	969.30	-9,549.42	6,656.58	6,612.55	44.03	151.185		
8,200.00	6,840.00	6,687.98	6,686.54	72.03	1.70	-88.32	969.29	-9,549.42	6,556.90	6,512.67	44.23	148.239		
8,300.00	6,840.00	6,688.11	6,686.67	74.18	1.70	-88.33	969.29	-9,549.42	6,457.23	6,412.79	44.44	145.298		
8,400.00	6,840.00	6,688.25	6,686.81	76.37	1.70	-88.35	969.29	-9,549.42	6,357.57	6,312.91	44.66	142.360		
8,500.00	6,840.00	6,688.39	6,686.94	78.59	1.70	-88.36	969.29	-9,549.42	6,257.92	6,213.03	44.88	139.427		
8,600.00	6,840.00	6,688.52	6,687.08	80.85	1.70	-88.38	969.29	-9,549.42	6,158.28	6,113.16	45.12	136.498		
8,700.00	6,840.00	6,688.66	6,687.22	83.13	1.70	-88.39	969.29	-9,549.42	6,058.65	6,013.29	45.36	133.574		
8,800.00	6,840.00	6,688.80	6,687.35	85.44	1.70	-88.41	969.28	-9,549.42	5,959.04	5,913.43	45.61	130.655		
8,900.00	6,840.00	6,688.93	6,687.49	87.77	1.70	-88.42	969.28	-9,549.42	5,859.44	5,813.57	45.87	127.742		
9,000.00	6,840.00	6,689.07	6,687.63	90.12	1.70	-88.44	969.28	-9,549.42	5,759.85	5,713.71	46.14	124.834		
9,100.00	6,840.00	6,689.21	6,687.77	92.50	1.70	-88.45	969.28	-9,549.42	5,660.27	5,613.85	46.42	121.933		
9,200.00	6,840.00	6,689.35	6,687.90	94.89	1.70	-88.47	969.28	-9,549.42	5,560.72	5,514.00	46.71	119.038		
9,300.00	6,840.00	6,689.48	6,688.04	97.30	1.70	-88.48	969.28	-9,549.42	5,461.17	5,414.16	47.02	116.151		
9,400.00	6,840.00	6,689.62	6,688.18	99.73	1.70	-88.50	969.28	-9,549.42	5,361.65	5,314.31	47.33	113.271		
9,500.00	6,840.00	6,689.76	6,688.32	102.17	1.70	-88.51	969.27	-9,549.42	5,262.14	5,214.48	47.66	110.399		
9,600.00	6,840.00	6,689.90	6,688.46	104.63	1.70	-88.53	969.27	-9,549.43	5,162.65	5,114.65	48.01	107.535		
9,700.00	6,840.00	6,690.04	6,688.60	107.10	1.70	-88.54	969.27	-9,549.43	5,063.19	5,014.82	48.37	104.680		
9,800.00	6,840.00	6,690.18	6,688.74	109.58	1.70	-88.56	969.27	-9,549.43	4,963.74	4,915.00	48.74	101.834		
9,900.00	6,840.00	6,690.32	6,688.88	112.07	1.70	-88.57	969.27	-9,549.43	4,864.32	4,815.18	49.14	98.998		
10,000.00	6,840.00	6,690.46	6,689.02	114.58	1.70	-88.59	969.27	-9,549.43	4,764.92	4,715.37	49.55	96.173		
10,100.00	6,840.00	6,690.60	6,689.16	117.09	1.70	-88.60	969.26	-9,549.43	4,665.54	4,615.57	49.97	93.358		
10,200.00	6,840.00	6,690.74	6,689.30	119.61	1.70	-88.62	969.26	-9,549.43	4,566.20	4,515.77	50.42	90.555		
10,300.00	6,840.00	6,690.88	6,689.44	122.14	1.70	-88.63	969.26	-9,549.43	4,466.88	4,415.98	50.90	87.764		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,691.02	6,689.58	124.68	1.70	-88.65	969.26	-9,549.43	4,367.59	4,316.20	51.39	84.987		
10,500.00	6,840.00	6,691.16	6,689.72	127.23	1.70	-88.66	969.26	-9,549.43	4,268.34	4,216.43	51.91	82.222		
10,600.00	6,840.00	6,691.30	6,689.86	129.78	1.70	-88.68	969.26	-9,549.43	4,169.12	4,116.66	52.46	79.473		
10,700.00	6,840.00	6,691.45	6,690.00	132.35	1.70	-88.70	969.25	-9,549.43	4,069.95	4,016.91	53.04	76.738		
10,800.00	6,840.00	6,691.59	6,690.15	134.91	1.70	-88.71	969.25	-9,549.43	3,970.81	3,917.16	53.65	74.020		
10,900.00	6,840.00	6,691.73	6,690.29	137.49	1.70	-88.73	969.25	-9,549.43	3,871.72	3,817.43	54.29	71.319		
11,000.00	6,840.00	6,691.87	6,690.43	140.07	1.70	-88.74	969.25	-9,549.43	3,772.67	3,717.70	54.97	68.635		
11,100.00	6,840.00	6,692.02	6,690.57	142.65	1.70	-88.76	969.25	-9,549.43	3,673.68	3,617.99	55.69	65.971		
11,200.00	6,840.00	6,692.16	6,690.72	145.24	1.70	-88.77	969.25	-9,549.43	3,574.74	3,518.29	56.45	63.328		
11,300.00	6,840.00	6,692.30	6,690.86	147.83	1.70	-88.79	969.24	-9,549.43	3,475.86	3,418.60	57.26	60.705		
11,400.00	6,840.00	6,692.45	6,691.01	150.43	1.70	-88.80	969.24	-9,549.43	3,377.05	3,318.93	58.12	58.106		
11,500.00	6,840.00	6,692.59	6,691.15	153.04	1.70	-88.82	969.24	-9,549.43	3,278.31	3,219.28	59.04	55.531		
11,600.00	6,840.00	6,692.74	6,691.29	155.64	1.70	-88.84	969.24	-9,549.43	3,179.65	3,119.64	60.01	52.981		
11,700.00	6,840.00	6,692.88	6,691.44	158.26	1.70	-88.85	969.24	-9,549.43	3,081.08	3,020.02	61.06	50.459		
11,800.00	6,840.00	6,693.02	6,691.58	160.87	1.70	-88.87	969.24	-9,549.43	2,982.60	2,920.42	62.18	47.966		
11,900.00	6,840.00	6,693.17	6,691.73	163.49	1.70	-88.88	969.23	-9,549.43	2,884.23	2,820.84	63.38	45.503		
12,000.00	6,840.00	6,693.32	6,691.87	166.11	1.70	-88.90	969.23	-9,549.43	2,785.97	2,721.29	64.68	43.074		
12,100.00	6,840.00	6,693.46	6,692.02	168.74	1.70	-88.91	969.23	-9,549.43	2,687.84	2,621.77	66.07	40.680		
12,200.00	6,840.00	6,693.61	6,692.17	171.37	1.70	-88.93	969.23	-9,549.43	2,589.86	2,522.28	67.58	38.323		
12,300.00	6,840.00	6,693.75	6,692.31	174.00	1.70	-88.95	969.23	-9,549.43	2,492.03	2,422.82	69.21	36.005		
12,400.00	6,840.00	6,693.90	6,692.46	176.63	1.70	-88.96	969.23	-9,549.43	2,394.38	2,323.40	70.99	33.730		
12,500.00	6,840.00	6,694.05	6,692.61	179.27	1.70	-88.98	969.22	-9,549.43	2,296.94	2,224.02	72.92	31.500		
12,600.00	6,840.00	6,694.19	6,692.75	181.91	1.70	-88.99	969.22	-9,549.43	2,199.73	2,124.70	75.03	29.319		
12,700.00	6,840.00	6,694.34	6,692.90	184.55	1.70	-89.01	969.22	-9,549.43	2,102.77	2,025.43	77.34	27.188		
12,800.00	6,840.00	6,694.49	6,693.05	187.19	1.70	-89.03	969.22	-9,549.43	2,006.12	1,926.23	79.88	25.113		
12,900.00	6,840.00	6,694.64	6,693.20	189.84	1.70	-89.04	969.22	-9,549.43	1,909.81	1,827.12	82.69	23.096		
13,000.00	6,840.00	6,694.79	6,693.35	192.48	1.70	-89.06	969.22	-9,549.43	1,813.90	1,728.10	85.80	21.141		
13,100.00	6,840.00	6,694.94	6,693.49	195.13	1.70	-89.07	969.21	-9,549.43	1,718.45	1,629.19	89.26	19.252		
13,200.00	6,840.00	6,695.08	6,693.64	197.79	1.70	-89.09	969.21	-9,549.43	1,623.56	1,530.44	93.12	17.435		
13,300.00	6,840.00	6,695.23	6,693.79	200.44	1.70	-89.11	969.21	-9,549.43	1,529.31	1,431.86	97.46	15.692		
13,400.00	6,840.00	6,695.38	6,693.94	203.10	1.70	-89.12	969.21	-9,549.43	1,435.85	1,333.51	102.34	14.030		
13,500.00	6,840.00	6,695.53	6,694.09	205.75	1.70	-89.14	969.21	-9,549.43	1,343.32	1,235.45	107.87	12.453		
13,600.00	6,840.00	6,695.68	6,694.24	208.41	1.70	-89.16	969.21	-9,549.43	1,251.95	1,137.79	114.16	10.966		
13,700.00	6,840.00	6,695.83	6,694.39	211.07	1.70	-89.17	969.20	-9,549.43	1,162.00	1,040.64	121.35	9.575		
13,800.00	6,840.00	6,695.98	6,694.54	213.74	1.70	-89.19	969.20	-9,549.43	1,073.82	944.23	129.60	8.286		
13,900.00	6,840.00	6,696.14	6,694.69	216.40	1.70	-89.21	969.20	-9,549.43	987.90	848.84	139.07	7.104		
14,000.00	6,840.00	6,696.29	6,694.85	219.06	1.70	-89.22	969.20	-9,549.43	904.88	754.94	149.94	6.035		
14,100.00	6,840.00	6,696.44	6,695.00	221.73	1.70	-89.24	969.20	-9,549.44	825.63	663.27	162.36	5.085		
14,200.00	6,840.00	6,696.59	6,695.15	224.40	1.70	-89.25	969.19	-9,549.44	751.35	574.98	176.37	4.260		
14,300.00	6,840.00	6,696.74	6,695.30	227.07	1.70	-89.27	969.19	-9,549.44	683.66	491.94	191.71	3.566		
14,400.00	6,840.00	6,696.90	6,695.45	229.74	1.70	-89.29	969.19	-9,549.44	624.70	417.05	207.65	3.008		
14,500.00	6,840.00	6,697.05	6,695.61	232.41	1.70	-89.30	969.19	-9,549.44	577.15	354.55	222.60	2.593		
14,600.00	6,840.00	6,697.20	6,695.76	235.08	1.70	-89.32	969.19	-9,549.44	544.02	309.95	234.08	2.324		
14,700.00	6,840.00	6,697.36	6,695.91	237.75	1.70	-89.34	969.19	-9,549.44	528.03	288.77	239.26	2.207		
14,735.71	6,840.00	6,697.41	6,695.97	238.71	1.70	-89.34	969.19	-9,549.44	526.83	287.64	239.19	2.203	CC, ES, SF	
14,800.00	6,840.00	6,697.51	6,696.07	240.43	1.70	-89.35	969.18	-9,549.44	530.73	294.34	236.40	2.245		
14,900.00	6,840.00	6,697.66	6,696.22	243.10	1.70	-89.37	969.18	-9,549.44	551.85	325.84	226.01	2.442		
15,000.00	6,840.00	6,697.82	6,696.38	245.78	1.70	-89.39	969.18	-9,549.44	589.40	378.83	210.57	2.799		
15,100.00	6,840.00	6,697.97	6,696.53	248.46	1.70	-89.41	969.18	-9,549.44	640.51	447.49	193.02	3.318		
15,200.00	6,840.00	6,698.13	6,696.69	251.14	1.70	-89.42	969.18	-9,549.44	702.22	526.67	175.55	4.000		
15,300.00	6,840.00	6,698.28	6,696.84	253.82	1.70	-89.44	969.18	-9,549.44	771.99	612.60	159.39	4.843		
15,400.00	6,840.00	6,698.44	6,697.00	256.50	1.70	-89.46	969.17	-9,549.44	847.84	702.83	145.01	5.847		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,698.60	6,697.15	259.18	1.70	-89.47	969.17	-9,549.44	928.27	795.80	132.47	7.007		
15,600.00	6,840.00	6,698.75	6,697.31	261.86	1.70	-89.49	969.17	-9,549.44	1,012.20	890.57	121.63	8.322		
15,700.00	6,840.00	6,698.91	6,697.47	264.54	1.70	-89.51	969.17	-9,549.44	1,098.82	986.54	112.28	9.786		
15,800.00	6,840.00	6,699.07	6,697.62	267.23	1.70	-89.52	969.17	-9,549.44	1,187.54	1,083.32	104.22	11.394		
15,900.00	6,840.00	6,699.22	6,697.78	269.91	1.70	-89.54	969.16	-9,549.44	1,277.93	1,180.68	97.25	13.140		
16,000.00	6,840.00	6,699.38	6,697.94	272.59	1.70	-89.56	969.16	-9,549.44	1,369.66	1,278.46	91.20	15.018		
16,100.00	6,840.00	6,699.54	6,698.10	275.28	1.70	-89.58	969.16	-9,549.44	1,462.47	1,376.54	85.94	17.018		
16,200.00	6,840.00	6,699.70	6,698.26	277.97	1.70	-89.59	969.16	-9,549.44	1,556.18	1,474.85	81.33	19.135		
16,300.00	6,840.00	6,699.86	6,698.41	280.65	1.70	-89.61	969.16	-9,549.44	1,650.62	1,573.34	77.28	21.359		
16,400.00	6,840.00	6,700.01	6,698.57	283.34	1.70	-89.63	969.16	-9,549.44	1,745.68	1,671.97	73.72	23.681		
16,500.00	6,840.00	6,700.17	6,698.73	286.03	1.70	-89.64	969.15	-9,549.44	1,841.27	1,770.70	70.56	26.094		
16,600.00	6,840.00	6,700.33	6,698.89	288.72	1.70	-89.66	969.15	-9,549.44	1,937.30	1,869.53	67.77	28.588		
16,700.00	6,840.00	6,700.49	6,699.05	291.41	1.70	-89.68	969.15	-9,549.44	2,033.71	1,968.43	65.28	31.155		
16,800.00	6,840.00	6,700.65	6,699.21	294.10	1.70	-89.70	969.15	-9,549.44	2,130.45	2,067.40	63.06	33.786		
16,900.00	6,840.00	6,700.81	6,699.37	296.79	1.70	-89.71	969.15	-9,549.44	2,227.48	2,166.41	61.07	36.474		
17,000.00	6,840.00	6,700.98	6,699.53	299.48	1.70	-89.73	969.14	-9,549.44	2,324.77	2,265.48	59.29	39.209		
17,100.00	6,840.00	6,701.14	6,699.69	302.17	1.70	-89.75	969.14	-9,549.44	2,422.27	2,364.58	57.69	41.985		
17,200.00	6,840.00	6,701.30	6,699.86	304.86	1.70	-89.77	969.14	-9,549.44	2,519.97	2,463.72	56.26	44.795		
17,300.00	6,840.00	6,701.46	6,700.02	307.56	1.70	-89.78	969.14	-9,549.44	2,617.85	2,562.89	54.96	47.632		
17,400.00	6,840.00	6,701.62	6,700.18	310.25	1.70	-89.80	969.14	-9,549.44	2,715.87	2,662.08	53.79	50.491		
17,500.00	6,840.00	6,701.79	6,700.34	312.94	1.70	-89.82	969.14	-9,549.44	2,814.04	2,761.31	52.73	53.364		
17,600.00	6,840.00	6,701.95	6,700.51	315.64	1.70	-89.84	969.13	-9,549.44	2,912.33	2,860.56	51.78	56.248		
17,700.00	6,840.00	6,702.11	6,700.67	318.33	1.70	-89.86	969.13	-9,549.44	3,010.74	2,959.83	50.91	59.137		
17,800.00	6,840.00	6,702.28	6,700.83	321.03	1.70	-89.87	969.13	-9,549.44	3,109.24	3,059.12	50.13	62.028		
17,900.00	6,840.00	6,702.44	6,701.00	323.72	1.70	-89.89	969.13	-9,549.44	3,207.84	3,158.43	49.42	64.916		
18,000.00	6,840.00	6,702.60	6,701.16	326.42	1.70	-89.91	969.13	-9,549.44	3,306.53	3,257.76	48.77	67.799		
18,100.00	6,840.00	6,702.77	6,701.33	329.11	1.70	-89.93	969.12	-9,549.45	3,405.29	3,357.10	48.18	70.673		
18,200.00	6,840.00	6,702.93	6,701.49	331.81	1.70	-89.94	969.12	-9,549.45	3,504.12	3,456.46	47.65	73.536		
18,300.00	6,840.00	6,703.10	6,701.66	334.51	1.70	-89.96	969.12	-9,549.45	3,603.01	3,555.84	47.17	76.386		
18,400.00	6,840.00	6,703.26	6,701.82	337.20	1.70	-89.98	969.12	-9,549.45	3,701.96	3,655.23	46.73	79.220		
18,500.00	6,840.00	6,703.43	6,701.99	339.90	1.70	-90.00	969.12	-9,549.45	3,800.97	3,754.64	46.33	82.038		
18,600.00	6,840.00	6,703.60	6,702.15	342.60	1.70	-90.02	969.11	-9,549.45	3,900.03	3,854.06	45.97	84.837		
18,700.00	6,840.00	6,703.76	6,702.32	345.30	1.70	-90.03	969.11	-9,549.45	3,999.14	3,953.49	45.64	87.617		
18,800.00	6,840.00	6,703.93	6,702.49	348.00	1.70	-90.05	969.11	-9,549.45	4,098.29	4,052.94	45.35	90.376		
18,900.00	6,840.00	6,704.10	6,702.66	350.70	1.70	-90.07	969.11	-9,549.45	4,197.48	4,152.40	45.08	93.115		
19,000.00	6,840.00	6,704.27	6,702.82	353.39	1.70	-90.09	969.11	-9,549.45	4,296.71	4,251.87	44.84	95.831		
19,100.00	6,840.00	6,704.43	6,702.99	356.09	1.70	-90.11	969.11	-9,549.45	4,395.97	4,351.35	44.62	98.526		
19,200.00	6,840.00	6,704.60	6,703.16	358.79	1.70	-90.13	969.10	-9,549.45	4,495.26	4,450.84	44.42	101.197		
19,300.00	6,840.00	6,704.77	6,703.33	361.49	1.70	-90.14	969.10	-9,549.45	4,594.59	4,550.34	44.24	103.846		
19,400.00	6,840.00	6,704.94	6,703.50	364.20	1.70	-90.16	969.10	-9,549.45	4,693.94	4,649.86	44.09	106.472		
19,500.00	6,840.00	6,705.11	6,703.67	366.90	1.70	-90.18	969.10	-9,549.45	4,793.32	4,749.38	43.95	109.075		
19,600.00	6,840.00	6,705.28	6,703.84	369.60	1.70	-90.20	969.10	-9,549.45	4,892.73	4,848.91	43.82	111.655		
19,700.00	6,840.00	6,705.45	6,704.01	372.30	1.70	-90.22	969.09	-9,549.45	4,992.16	4,948.45	43.71	114.212		
19,800.00	6,840.00	6,705.62	6,704.18	375.00	1.70	-90.24	969.09	-9,549.45	5,091.61	5,048.00	43.61	116.746		
19,900.00	6,840.00	6,705.79	6,704.35	377.70	1.70	-90.26	969.09	-9,549.45	5,191.09	5,147.56	43.53	119.258		
20,000.00	6,840.00	6,705.96	6,704.52	380.40	1.70	-90.27	969.09	-9,549.45	5,290.58	5,247.12	43.46	121.747		
20,100.00	6,840.00	6,706.14	6,704.69	383.11	1.70	-90.29	969.09	-9,549.45	5,390.09	5,346.70	43.39	124.214		
20,200.00	6,840.00	6,706.31	6,704.87	385.81	1.70	-90.31	969.08	-9,549.45	5,489.62	5,446.28	43.34	126.659		
20,300.00	6,840.00	6,706.48	6,705.04	388.51	1.70	-90.33	969.08	-9,549.45	5,589.17	5,545.87	43.30	129.082		
20,400.00	6,840.00	6,706.65	6,705.21	391.22	1.70	-90.35	969.08	-9,549.45	5,688.73	5,645.46	43.27	131.484		
20,500.00	6,840.00	6,706.83	6,705.38	393.92	1.70	-90.37	969.08	-9,549.45	5,788.31	5,745.07	43.24	133.865		
20,539.70	6,840.00	6,706.89	6,705.45	394.99	1.70	-90.38	969.08	-9,549.45	5,827.84	5,784.61	43.23	134.804		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-83.05	1,002.84	-8,228.10	8,290.02					
100.00	100.00	0.00	0.00	0.13	0.00	-83.05	1,002.84	-8,228.10	8,289.05	8,288.91	0.13	N/A		
148.31	148.31	17.31	17.31	0.31	0.13	-83.05	1,002.84	-8,228.10	8,288.99	8,288.55	0.44	N/A		
200.00	200.00	69.00	69.00	0.49	0.53	-83.05	1,002.84	-8,228.10	8,288.99	8,287.96	1.02	8,104.361		
300.00	300.00	169.00	169.00	0.85	1.97	-83.05	1,002.84	-8,228.10	8,288.99	8,286.16	2.82	2,935.617		
400.00	400.00	269.00	269.00	1.21	3.72	-83.05	1,002.84	-8,228.10	8,288.99	8,284.06	4.93	1,682.225		
500.00	500.00	369.00	369.00	1.57	5.46	-83.05	1,002.84	-8,228.10	8,288.99	8,281.96	7.03	1,178.887		
600.00	599.98	468.98	468.98	1.92	7.21	-28.46	1,002.84	-8,228.10	8,287.45	8,278.32	9.13	907.574		
700.00	699.84	568.84	568.84	2.28	8.95	-28.52	1,002.84	-8,228.10	8,282.85	8,271.62	11.23	737.564		
800.00	799.45	668.45	668.45	2.65	10.69	-28.63	1,002.84	-8,228.10	8,275.19	8,261.86	13.33	620.896		
900.00	898.70	767.70	767.70	3.02	12.42	-28.77	1,002.84	-8,228.10	8,264.48	8,249.06	15.42	535.837		
1,000.00	997.47	866.47	866.47	3.42	14.15	-28.96	1,002.84	-8,228.10	8,250.74	8,233.23	17.52	471.030		
1,100.00	1,095.62	964.62	964.62	3.84	15.86	-29.18	1,002.84	-8,228.10	8,233.99	8,214.39	19.61	419.972		
1,200.00	1,193.06	1,062.06	1,062.06	4.30	17.56	-29.46	1,002.84	-8,228.10	8,214.26	8,192.57	21.69	378.671		
1,300.00	1,289.64	1,158.64	1,158.64	4.79	19.24	-29.78	1,002.84	-8,228.10	8,191.57	8,167.80	23.78	344.541		
1,400.00	1,385.27	1,254.27	1,254.27	5.33	20.91	-30.14	1,002.84	-8,228.10	8,165.97	8,140.12	25.85	315.838		
1,500.00	1,479.82	1,348.82	1,348.82	5.92	22.56	-30.56	1,002.84	-8,228.10	8,137.49	8,109.56	27.93	291.337		
1,600.00	1,573.17	1,442.17	1,442.17	6.56	24.19	-31.02	1,002.84	-8,228.10	8,106.17	8,076.16	30.01	270.159		
1,700.00	1,665.22	1,534.22	1,534.22	7.26	25.80	-31.49	1,002.84	-8,228.10	8,072.09	8,040.01	32.08	251.630		
1,800.00	1,756.74	1,625.74	1,625.74	7.99	27.40	-31.64	1,002.84	-8,228.10	8,036.96	8,002.81	34.15	235.348		
1,900.00	1,848.26	1,717.26	1,717.26	8.75	28.99	-31.79	1,002.84	-8,228.10	8,001.87	7,965.64	36.23	220.855		
2,000.00	1,939.78	1,808.78	1,808.78	9.51	30.59	-31.94	1,002.84	-8,228.10	7,966.84	7,928.52	38.32	207.882		
2,100.00	2,031.30	1,900.30	1,900.30	10.29	32.19	-32.09	1,002.84	-8,228.10	7,931.86	7,891.43	40.43	196.210		
2,200.00	2,122.82	2,008.18	2,008.18	11.07	34.07	-32.24	1,002.84	-8,228.10	7,896.93	7,854.11	42.82	184.421		
2,300.00	2,214.34	2,083.34	2,083.34	11.86	35.38	-32.39	1,002.84	-8,228.10	7,862.05	7,817.40	44.65	176.079		
2,400.00	2,305.85	2,174.85	2,174.85	12.66	36.98	-32.55	1,002.84	-8,228.10	7,827.22	7,780.45	46.77	167.345		
2,500.00	2,397.37	2,266.37	2,266.37	13.46	38.58	-32.70	1,002.84	-8,228.10	7,792.45	7,743.54	48.90	159.352		
2,600.00	2,488.89	2,357.89	2,357.89	14.26	40.18	-32.86	1,002.84	-8,228.10	7,757.72	7,706.69	51.03	152.010		
2,700.00	2,580.41	2,449.41	2,449.41	15.07	41.77	-33.02	1,002.84	-8,228.10	7,723.06	7,669.88	53.17	145.246		
2,800.00	2,671.93	2,540.93	2,540.93	15.88	43.37	-33.18	1,002.84	-8,228.10	7,688.44	7,633.13	55.31	138.994		
2,900.00	2,763.45	2,632.45	2,632.45	16.69	44.97	-33.34	1,002.84	-8,228.10	7,653.89	7,596.43	57.46	133.200		
3,000.00	2,854.97	2,723.97	2,723.97	17.51	46.56	-33.50	1,002.84	-8,228.10	7,619.39	7,559.78	59.61	127.815		
3,100.00	2,946.49	2,815.49	2,815.49	18.32	48.16	-33.66	1,002.84	-8,228.10	7,584.94	7,523.18	61.77	122.798		
3,200.00	3,038.00	2,907.00	2,907.00	19.14	49.76	-33.83	1,002.84	-8,228.10	7,550.56	7,486.63	63.93	118.114		
3,300.00	3,129.52	3,001.48	3,001.48	19.96	51.41	-34.00	1,002.84	-8,228.10	7,516.23	7,450.09	66.14	113.641		
3,400.00	3,221.04	3,109.96	3,109.96	20.77	53.30	-34.16	1,002.84	-8,228.10	7,481.97	7,413.36	68.60	109.063		
3,500.00	3,312.56	3,181.56	3,181.56	21.59	54.55	-34.33	1,002.84	-8,228.10	7,447.76	7,377.34	70.42	105.756		
3,600.00	3,404.08	3,273.08	3,273.08	22.42	56.15	-34.50	1,002.84	-8,228.10	7,413.62	7,341.02	72.60	102.120		
3,700.00	3,495.60	3,364.60	3,364.60	23.24	57.75	-34.68	1,002.84	-8,228.10	7,379.53	7,304.76	74.77	98.692		
3,800.00	3,587.12	3,456.12	3,456.12	24.06	59.34	-34.85	1,002.84	-8,228.10	7,345.51	7,268.56	76.95	95.454		
3,900.00	3,678.63	3,547.63	3,547.63	24.88	60.94	-35.03	1,002.84	-8,228.10	7,311.56	7,232.42	79.14	92.392		
4,000.00	3,770.15	3,639.15	3,639.15	25.71	62.54	-35.20	1,002.84	-8,228.10	7,277.67	7,196.34	81.32	89.491		
4,100.00	3,861.67	3,730.67	3,730.67	26.53	64.14	-35.38	1,002.84	-8,228.10	7,243.84	7,160.33	83.51	86.739		
4,200.00	3,953.19	3,822.19	3,822.19	27.35	65.73	-35.56	1,002.84	-8,228.10	7,210.08	7,124.38	85.71	84.125		
4,300.00	4,044.71	3,913.71	3,913.71	28.18	67.33	-35.74	1,002.84	-8,228.10	7,176.39	7,088.49	87.90	81.640		
4,400.00	4,136.23	4,005.23	4,005.23	29.01	68.93	-35.93	1,002.84	-8,228.10	7,142.77	7,052.67	90.10	79.273		
4,500.00	4,227.75	4,103.25	4,103.25	29.83	70.64	-36.11	1,002.84	-8,228.10	7,109.21	7,016.80	92.42	76.923		
4,600.00	4,319.27	4,188.27	4,188.27	30.66	72.12	-36.30	1,002.84	-8,228.10	7,075.73	6,981.22	94.51	74.865		
4,700.00	4,410.78	4,279.78	4,279.78	31.48	73.72	-36.49	1,002.84	-8,228.10	7,042.32	6,945.60	96.72	72.809		
4,800.00	4,502.30	4,371.30	4,371.30	32.31	75.32	-36.68	1,002.84	-8,228.10	7,008.98	6,910.05	98.94	70.843		
4,900.00	4,593.82	4,462.82	4,462.82	33.14	76.91	-36.87	1,002.84	-8,228.10	6,975.72	6,874.56	101.15	68.962		
5,000.00	4,685.34	4,554.34	4,554.34	33.96	78.51	-37.06	1,002.84	-8,228.10	6,942.53	6,839.15	103.37	67.159		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,645.86	4,645.86	34.79	80.11	-37.26	1,002.84	-8,228.10	6,909.41	6,803.81	105.60	65.431		
5,200.00	4,868.38	4,737.38	4,737.38	35.62	81.71	-37.46	1,002.84	-8,228.10	6,876.37	6,768.55	107.83	63.773		
5,300.00	4,959.90	4,828.90	4,828.90	36.45	83.30	-37.66	1,002.84	-8,228.10	6,843.41	6,733.36	110.06	62.181		
5,400.00	5,051.41	4,920.41	4,920.41	37.27	84.90	-37.86	1,002.84	-8,228.10	6,810.53	6,698.24	112.29	60.651		
5,500.00	5,142.93	5,011.93	5,011.93	38.10	86.50	-38.06	1,002.84	-8,228.10	6,777.73	6,663.20	114.53	59.179		
5,600.00	5,234.45	5,103.45	5,103.45	38.93	88.09	-38.26	1,002.84	-8,228.10	6,745.01	6,628.24	116.77	57.763		
5,700.00	5,325.97	5,205.03	5,194.97	39.76	89.87	-38.47	1,002.84	-8,228.10	6,712.37	6,593.18	119.19	56.316		
5,800.00	5,417.49	5,286.49	5,286.49	40.59	91.29	-38.68	1,002.84	-8,228.10	6,679.82	6,558.55	121.27	55.084		
5,900.00	5,509.01	5,378.01	5,378.01	41.42	92.89	-38.89	1,002.84	-8,228.10	6,647.35	6,523.83	123.52	53.817		
6,000.00	5,600.53	5,469.53	5,469.53	42.25	94.48	-39.10	1,002.84	-8,228.10	6,614.96	6,489.19	125.77	52.594		
6,100.00	5,692.04	5,561.04	5,561.04	43.07	96.08	-39.31	1,002.84	-8,228.10	6,582.67	6,454.63	128.04	51.413		
6,200.00	5,783.56	5,652.56	5,652.56	43.90	97.68	-39.53	1,002.84	-8,228.10	6,550.46	6,420.16	130.30	50.272		
6,300.00	5,875.08	5,744.08	5,744.08	44.73	99.28	-39.75	1,002.84	-8,228.10	6,518.35	6,385.78	132.57	49.170		
6,400.00	5,966.60	5,835.60	5,835.60	45.56	100.87	-39.97	1,002.84	-8,228.10	6,486.32	6,351.48	134.84	48.104		
6,500.00	6,058.12	5,927.12	5,927.12	46.39	102.47	-40.19	1,002.84	-8,228.10	6,454.39	6,317.27	137.12	47.072		
6,600.00	6,149.64	6,018.64	6,018.64	47.22	104.07	-40.41	1,002.84	-8,228.10	6,422.55	6,283.15	139.40	46.074		
6,700.00	6,241.16	6,110.16	6,110.16	48.05	105.66	-40.64	1,002.84	-8,228.10	6,390.81	6,249.13	141.68	45.107		
6,800.00	6,332.68	6,201.68	6,201.68	48.88	107.26	-40.87	1,002.84	-8,228.10	6,359.16	6,215.19	143.97	44.170		
6,900.00	6,424.19	6,306.81	6,293.19	49.71	109.10	-41.10	1,002.84	-8,228.10	6,327.61	6,181.11	146.50	43.192		
7,000.00	6,514.88	6,383.88	6,383.88	50.58	110.44	-35.34	1,002.84	-8,228.10	6,293.91	6,145.36	148.55	42.369		
7,100.00	6,599.14	6,468.14	6,468.14	51.67	111.91	-28.66	1,002.84	-8,228.10	6,246.26	6,095.51	150.76	41.433		
7,200.00	6,673.85	6,542.85	6,542.85	53.01	113.22	-25.39	1,002.84	-8,228.10	6,184.23	6,031.44	152.78	40.477		
7,300.00	6,736.73	6,605.73	6,605.73	54.56	114.31	-24.31	1,002.84	-8,228.10	6,109.67	5,955.11	154.56	39.530		
7,400.00	6,785.87	6,654.87	6,654.87	56.29	115.17	-25.37	1,002.84	-8,228.10	6,024.84	5,868.83	156.01	38.618		
7,500.00	6,819.79	6,688.79	6,688.79	58.13	115.76	-30.16	1,002.84	-8,228.10	5,932.28	5,775.19	157.09	37.764		
7,600.00	6,837.44	6,706.44	6,706.44	60.02	116.07	-49.16	1,002.84	-8,228.10	5,834.78	5,677.04	157.75	36.988		
7,700.00	6,840.00	6,709.00	6,709.00	61.90	116.12	-90.00	1,002.84	-8,228.10	5,735.28	5,577.26	158.02	36.295		
7,800.00	6,840.00	6,709.00	6,709.00	63.83	116.12	-90.00	1,002.84	-8,228.10	5,635.65	5,477.42	158.23	35.618		
7,900.00	6,840.00	6,709.00	6,709.00	65.81	116.12	-90.00	1,002.84	-8,228.10	5,536.03	5,377.58	158.44	34.940		
8,000.00	6,840.00	6,709.00	6,709.00	67.84	116.12	-90.00	1,002.84	-8,228.10	5,436.42	5,277.75	158.67	34.262		
8,100.00	6,840.00	6,709.00	6,709.00	69.91	116.12	-90.00	1,002.84	-8,228.10	5,336.83	5,177.93	158.91	33.585		
8,200.00	6,840.00	6,709.00	6,709.00	72.03	116.12	-90.00	1,002.84	-8,228.10	5,237.26	5,078.10	159.15	32.907		
8,300.00	6,840.00	6,709.00	6,709.00	74.18	116.12	-90.00	1,002.84	-8,228.10	5,137.70	4,978.29	159.41	32.229		
8,400.00	6,840.00	6,709.00	6,709.00	76.37	116.12	-90.00	1,002.84	-8,228.10	5,038.16	4,878.48	159.68	31.552		
8,500.00	6,840.00	6,709.00	6,709.00	78.59	116.12	-90.00	1,002.84	-8,228.10	4,938.64	4,778.68	159.96	30.874		
8,600.00	6,840.00	6,709.00	6,709.00	80.85	116.12	-90.00	1,002.84	-8,228.10	4,839.14	4,678.88	160.26	30.196		
8,700.00	6,840.00	6,709.00	6,709.00	83.13	116.12	-90.00	1,002.84	-8,228.10	4,739.66	4,579.09	160.56	29.519		
8,800.00	6,840.00	6,709.00	6,709.00	85.44	116.12	-90.00	1,002.84	-8,228.10	4,640.20	4,479.31	160.89	28.842		
8,900.00	6,840.00	6,709.00	6,709.00	87.77	116.12	-90.00	1,002.84	-8,228.10	4,540.76	4,379.54	161.22	28.164		
9,000.00	6,840.00	6,709.00	6,709.00	90.12	116.12	-90.00	1,002.84	-8,228.10	4,441.35	4,279.77	161.58	27.487		
9,100.00	6,840.00	6,709.00	6,709.00	92.50	116.12	-90.00	1,002.84	-8,228.10	4,341.97	4,180.02	161.95	26.810		
9,200.00	6,840.00	6,709.00	6,709.00	94.89	116.12	-90.00	1,002.84	-8,228.10	4,242.62	4,080.27	162.34	26.133		
9,300.00	6,840.00	6,709.00	6,709.00	97.30	116.12	-90.00	1,002.84	-8,228.10	4,143.30	3,980.54	162.76	25.457		
9,400.00	6,840.00	6,709.00	6,709.00	99.73	116.12	-90.00	1,002.84	-8,228.10	4,044.01	3,880.81	163.19	24.780		
9,500.00	6,840.00	6,709.00	6,709.00	102.17	116.12	-90.00	1,002.84	-8,228.10	3,944.75	3,781.10	163.65	24.104		
9,600.00	6,840.00	6,709.00	6,709.00	104.63	116.12	-90.00	1,002.84	-8,228.10	3,845.54	3,681.40	164.14	23.428		
9,700.00	6,840.00	6,709.00	6,709.00	107.10	116.12	-90.00	1,002.84	-8,228.10	3,746.37	3,581.71	164.65	22.753		
9,800.00	6,840.00	6,709.00	6,709.00	109.58	116.12	-90.00	1,002.84	-8,228.10	3,647.24	3,482.04	165.20	22.078		
9,900.00	6,840.00	6,709.00	6,709.00	112.07	116.12	-90.00	1,002.84	-8,228.10	3,548.16	3,382.38	165.78	21.403		
10,000.00	6,840.00	6,709.00	6,709.00	114.58	116.12	-90.00	1,002.84	-8,228.10	3,449.14	3,282.74	166.39	20.729		
10,100.00	6,840.00	6,709.00	6,709.00	117.09	116.12	-90.00	1,002.84	-8,228.10	3,350.17	3,183.12	167.05	20.055		
10,200.00	6,840.00	6,709.00	6,709.00	119.61	116.12	-90.00	1,002.84	-8,228.10	3,251.27	3,083.52	167.75	19.382		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,709.00	6,709.00	122.14	116.12	-90.00	1,002.84	-8,228.10	3,152.43	2,983.94	168.50	18.709		
10,400.00	6,840.00	6,709.00	6,709.00	124.68	116.12	-90.00	1,002.84	-8,228.10	3,053.67	2,884.38	169.29	18.038		
10,500.00	6,840.00	6,709.00	6,709.00	127.23	116.12	-90.00	1,002.84	-8,228.10	2,955.00	2,784.85	170.15	17.367		
10,600.00	6,840.00	6,709.00	6,709.00	129.78	116.12	-90.00	1,002.84	-8,228.10	2,856.42	2,685.34	171.07	16.697		
10,700.00	6,840.00	6,709.00	6,709.00	132.35	116.12	-90.00	1,002.84	-8,228.10	2,757.94	2,585.87	172.07	16.028		
10,800.00	6,840.00	6,709.00	6,709.00	134.91	116.12	-90.00	1,002.84	-8,228.10	2,659.57	2,486.43	173.14	15.361		
10,900.00	6,840.00	6,709.00	6,709.00	137.49	116.12	-90.00	1,002.84	-8,228.10	2,561.33	2,387.02	174.30	14.695		
11,000.00	6,840.00	6,709.00	6,709.00	140.07	116.12	-90.00	1,002.84	-8,228.10	2,463.23	2,287.66	175.57	14.030		
11,100.00	6,840.00	6,709.00	6,709.00	142.65	116.12	-90.00	1,002.84	-8,228.10	2,365.29	2,188.35	176.94	13.368		
11,200.00	6,840.00	6,709.00	6,709.00	145.24	116.12	-90.00	1,002.84	-8,228.10	2,267.53	2,089.09	178.44	12.707		
11,300.00	6,840.00	6,709.00	6,709.00	147.83	116.12	-90.00	1,002.84	-8,228.10	2,169.97	1,989.88	180.09	12.050		
11,400.00	6,840.00	6,709.00	6,709.00	150.43	116.12	-90.00	1,002.84	-8,228.10	2,072.65	1,890.75	181.89	11.395		
11,500.00	6,840.00	6,709.00	6,709.00	153.04	116.12	-90.00	1,002.84	-8,228.10	1,975.59	1,791.70	183.89	10.743		
11,600.00	6,840.00	6,709.00	6,709.00	155.64	116.12	-90.00	1,002.84	-8,228.10	1,878.84	1,692.74	186.10	10.096		
11,700.00	6,840.00	6,709.00	6,709.00	158.26	116.12	-90.00	1,002.84	-8,228.10	1,782.45	1,593.90	188.56	9.453		
11,800.00	6,840.00	6,709.00	6,709.00	160.87	116.12	-90.00	1,002.84	-8,228.10	1,686.49	1,495.18	191.30	8.816		
11,900.00	6,840.00	6,709.00	6,709.00	163.49	116.12	-90.00	1,002.84	-8,228.10	1,591.02	1,396.63	194.39	8.185		
12,000.00	6,840.00	6,709.00	6,709.00	166.11	116.12	-90.00	1,002.84	-8,228.10	1,496.14	1,298.27	197.86	7.561		
12,100.00	6,840.00	6,709.00	6,709.00	168.74	116.12	-90.00	1,002.84	-8,228.10	1,401.97	1,200.16	201.80	6.947		
12,200.00	6,840.00	6,709.00	6,709.00	171.37	116.12	-90.00	1,002.84	-8,228.10	1,308.67	1,102.37	206.30	6.344		
12,300.00	6,840.00	6,709.00	6,709.00	174.00	116.12	-90.00	1,002.84	-8,228.10	1,216.43	1,004.98	211.45	5.753		
12,400.00	6,840.00	6,709.00	6,709.00	176.63	116.12	-90.00	1,002.84	-8,228.10	1,125.52	908.14	217.38	5.178		
12,500.00	6,840.00	6,709.00	6,709.00	179.27	116.12	-90.00	1,002.84	-8,228.10	1,036.29	812.04	224.25	4.621		
12,600.00	6,840.00	6,709.00	6,709.00	181.91	116.12	-90.00	1,002.84	-8,228.10	949.20	716.98	232.22	4.087		
12,700.00	6,840.00	6,709.00	6,709.00	184.55	116.12	-90.00	1,002.84	-8,228.10	864.91	623.42	241.49	3.582		
12,800.00	6,840.00	6,709.00	6,709.00	187.19	116.12	-90.00	1,002.84	-8,228.10	784.33	532.10	252.23	3.110		
12,900.00	6,840.00	6,709.00	6,709.00	189.84	116.12	-90.00	1,002.84	-8,228.10	708.71	444.21	264.49	2.679		
13,000.00	6,840.00	6,709.00	6,709.00	192.48	116.12	-90.00	1,002.84	-8,228.10	639.81	361.69	278.12	2.301		
13,100.00	6,840.00	6,709.00	6,709.00	195.13	116.12	-90.00	1,002.84	-8,228.10	580.04	287.66	292.38	1.984		
13,200.00	6,840.00	6,709.00	6,709.00	197.79	116.12	-90.00	1,002.84	-8,228.10	532.49	226.82	305.67	1.742		
13,300.00	6,840.00	6,709.00	6,709.00	200.44	116.12	-90.00	1,002.84	-8,228.10	500.64	185.30	315.34	1.588		
13,400.00	6,840.00	6,709.00	6,709.00	203.10	116.12	-90.00	1,002.84	-8,228.10	487.58	169.12	318.46	1.531 SF		
13,414.53	6,840.00	6,709.00	6,709.00	203.48	116.12	-90.00	1,002.84	-8,228.10	487.36	169.12	318.24	1.531 CC, ES		
13,500.00	6,840.00	6,709.00	6,709.00	205.75	116.12	-90.00	1,002.84	-8,228.10	494.80	181.25	313.55	1.578		
13,600.00	6,840.00	6,709.00	6,709.00	208.41	116.12	-90.00	1,002.84	-8,228.10	521.46	219.62	301.84	1.728		
13,700.00	6,840.00	6,709.00	6,709.00	211.07	116.12	-90.00	1,002.84	-8,228.10	564.81	278.49	286.32	1.973		
13,800.00	6,840.00	6,709.00	6,709.00	213.74	116.12	-90.00	1,002.84	-8,228.10	621.37	351.49	269.89	2.302		
13,900.00	6,840.00	6,709.00	6,709.00	216.40	116.12	-90.00	1,002.84	-8,228.10	687.89	433.53	254.37	2.704		
14,000.00	6,840.00	6,709.00	6,709.00	219.06	116.12	-90.00	1,002.84	-8,228.10	761.77	521.22	240.55	3.167		
14,100.00	6,840.00	6,709.00	6,709.00	221.73	116.12	-90.00	1,002.84	-8,228.10	841.06	612.44	228.62	3.679		
14,200.00	6,840.00	6,709.00	6,709.00	224.40	116.12	-90.00	1,002.84	-8,228.10	924.38	705.93	218.45	4.231		
14,300.00	6,840.00	6,709.00	6,709.00	227.07	116.12	-90.00	1,002.84	-8,228.10	1,010.73	800.90	209.83	4.817		
14,400.00	6,840.00	6,709.00	6,709.00	229.74	116.12	-90.00	1,002.84	-8,228.10	1,099.39	896.88	202.52	5.429		
14,500.00	6,840.00	6,709.00	6,709.00	232.41	116.12	-90.00	1,002.84	-8,228.10	1,189.86	993.56	196.29	6.062		
14,600.00	6,840.00	6,709.00	6,709.00	235.08	116.12	-90.00	1,002.84	-8,228.10	1,281.74	1,090.76	190.98	6.711		
14,700.00	6,840.00	6,709.00	6,709.00	237.75	116.12	-90.00	1,002.84	-8,228.10	1,374.75	1,188.32	186.43	7.374		
14,800.00	6,840.00	6,709.00	6,709.00	240.43	116.12	-90.00	1,002.84	-8,228.10	1,468.69	1,286.18	182.51	8.047		
14,900.00	6,840.00	6,709.00	6,709.00	243.10	116.12	-90.00	1,002.84	-8,228.10	1,563.37	1,384.25	179.12	8.728		
15,000.00	6,840.00	6,709.00	6,709.00	245.78	116.12	-90.00	1,002.84	-8,228.10	1,658.68	1,482.50	176.18	9.415		
15,100.00	6,840.00	6,709.00	6,709.00	248.46	116.12	-90.00	1,002.84	-8,228.10	1,754.51	1,580.89	173.62	10.105		
15,200.00	6,840.00	6,709.00	6,709.00	251.14	116.12	-90.00	1,002.84	-8,228.10	1,850.79	1,679.40	171.38	10.799		
15,300.00	6,840.00	6,709.00	6,709.00	253.82	116.12	-90.00	1,002.84	-8,228.10	1,947.44	1,778.01	169.42	11.494		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,709.00	6,709.00	256.50	116.12	-90.00	1,002.84	-8,228.10	2,044.41	1,876.70	167.70	12.191		
15,500.00	6,840.00	6,709.00	6,709.00	259.18	116.12	-90.00	1,002.84	-8,228.10	2,141.66	1,975.47	166.19	12.887		
15,600.00	6,840.00	6,709.00	6,709.00	261.86	116.12	-90.00	1,002.84	-8,228.10	2,239.15	2,074.30	164.85	13.583		
15,700.00	6,840.00	6,709.00	6,709.00	264.54	116.12	-90.00	1,002.84	-8,228.10	2,336.85	2,173.19	163.67	14.278		
15,800.00	6,840.00	6,709.00	6,709.00	267.23	116.12	-90.00	1,002.84	-8,228.10	2,434.74	2,272.12	162.62	14.972		
15,900.00	6,840.00	6,709.00	6,709.00	269.91	116.12	-90.00	1,002.84	-8,228.10	2,532.80	2,371.11	161.69	15.664		
16,000.00	6,840.00	6,709.00	6,709.00	272.59	116.12	-90.00	1,002.84	-8,228.10	2,631.00	2,470.13	160.87	16.355		
16,100.00	6,840.00	6,709.00	6,709.00	275.28	116.12	-90.00	1,002.84	-8,228.10	2,729.33	2,569.20	160.14	17.044		
16,200.00	6,840.00	6,709.00	6,709.00	277.97	116.12	-90.00	1,002.84	-8,228.10	2,827.78	2,668.30	159.49	17.731		
16,300.00	6,840.00	6,709.00	6,709.00	280.65	116.12	-90.00	1,002.84	-8,228.10	2,926.34	2,767.43	158.91	18.415		
16,400.00	6,840.00	6,709.00	6,709.00	283.34	116.12	-90.00	1,002.84	-8,228.10	3,024.99	2,866.59	158.39	19.098		
16,500.00	6,840.00	6,709.00	6,709.00	286.03	116.12	-90.00	1,002.84	-8,228.10	3,123.72	2,965.79	157.93	19.779		
16,600.00	6,840.00	6,709.00	6,709.00	288.72	116.12	-90.00	1,002.84	-8,228.10	3,222.53	3,065.01	157.53	20.457		
16,700.00	6,840.00	6,709.00	6,709.00	291.41	116.12	-90.00	1,002.84	-8,228.10	3,321.42	3,164.25	157.17	21.133		
16,800.00	6,840.00	6,709.00	6,709.00	294.10	116.12	-90.00	1,002.84	-8,228.10	3,420.37	3,263.52	156.84	21.807		
16,900.00	6,840.00	6,709.00	6,709.00	296.79	116.12	-90.00	1,002.84	-8,228.10	3,519.38	3,362.82	156.56	22.479		
17,000.00	6,840.00	6,709.00	6,709.00	299.48	116.12	-90.00	1,002.84	-8,228.10	3,618.44	3,462.13	156.31	23.149		
17,100.00	6,840.00	6,709.00	6,709.00	302.17	116.12	-90.00	1,002.84	-8,228.10	3,717.55	3,561.47	156.09	23.817		
17,200.00	6,840.00	6,709.00	6,709.00	304.86	116.12	-90.00	1,002.84	-8,228.10	3,816.71	3,660.82	155.89	24.483		
17,300.00	6,840.00	6,709.00	6,709.00	307.56	116.12	-90.00	1,002.84	-8,228.10	3,915.91	3,760.19	155.72	25.147		
17,400.00	6,840.00	6,709.00	6,709.00	310.25	116.12	-90.00	1,002.84	-8,228.10	4,015.15	3,859.59	155.57	25.810		
17,500.00	6,840.00	6,709.00	6,709.00	312.94	116.12	-90.00	1,002.84	-8,228.10	4,114.43	3,958.99	155.44	26.470		
17,600.00	6,840.00	6,709.00	6,709.00	315.64	116.12	-90.00	1,002.84	-8,228.10	4,213.75	4,058.42	155.33	27.128		
17,700.00	6,840.00	6,709.00	6,709.00	318.33	116.12	-90.00	1,002.84	-8,228.10	4,313.09	4,157.86	155.23	27.785		
17,800.00	6,840.00	6,709.00	6,709.00	321.03	116.12	-90.00	1,002.84	-8,228.10	4,412.46	4,257.31	155.15	28.440		
17,900.00	6,840.00	6,709.00	6,709.00	323.72	116.12	-90.00	1,002.84	-8,228.10	4,511.87	4,356.78	155.08	29.093		
18,000.00	6,840.00	6,709.00	6,709.00	326.42	116.12	-90.00	1,002.84	-8,228.10	4,611.29	4,456.26	155.03	29.745		
18,100.00	6,840.00	6,709.00	6,709.00	329.11	116.12	-90.00	1,002.84	-8,228.10	4,710.75	4,555.76	154.99	30.395		
18,200.00	6,840.00	6,709.00	6,709.00	331.81	116.12	-90.00	1,002.84	-8,228.10	4,810.22	4,655.27	154.95	31.043		
18,300.00	6,840.00	6,709.00	6,709.00	334.51	116.12	-90.00	1,002.84	-8,228.10	4,909.72	4,754.79	154.93	31.690		
18,400.00	6,840.00	6,709.00	6,709.00	337.20	116.12	-90.00	1,002.84	-8,228.10	5,009.23	4,854.32	154.91	32.335		
18,500.00	6,840.00	6,709.00	6,709.00	339.90	116.12	-90.00	1,002.84	-8,228.10	5,108.77	4,953.86	154.91	32.979		
18,600.00	6,840.00	6,709.00	6,709.00	342.60	116.12	-90.00	1,002.84	-8,228.10	5,208.32	5,053.41	154.91	33.622		
18,700.00	6,840.00	6,709.00	6,709.00	345.30	116.12	-90.00	1,002.84	-8,228.10	5,307.89	5,152.97	154.92	34.263		
18,800.00	6,840.00	6,709.00	6,709.00	348.00	116.12	-90.00	1,002.84	-8,228.10	5,407.47	5,252.54	154.93	34.902		
18,900.00	6,840.00	6,709.00	6,709.00	350.70	116.12	-90.00	1,002.84	-8,228.10	5,507.07	5,352.12	154.95	35.541		
19,000.00	6,840.00	6,709.00	6,709.00	353.39	116.12	-90.00	1,002.84	-8,228.10	5,606.69	5,451.71	154.98	36.178		
19,100.00	6,840.00	6,709.00	6,709.00	356.09	116.12	-90.00	1,002.84	-8,228.10	5,706.32	5,551.31	155.01	36.813		
19,200.00	6,840.00	6,709.00	6,709.00	358.79	116.12	-90.00	1,002.84	-8,228.10	5,805.96	5,650.92	155.04	37.447		
19,300.00	6,840.00	6,709.00	6,709.00	361.49	116.12	-90.00	1,002.84	-8,228.10	5,905.61	5,750.53	155.08	38.080		
19,400.00	6,840.00	6,709.00	6,709.00	364.20	116.12	-90.00	1,002.84	-8,228.10	6,005.28	5,850.15	155.13	38.712		
19,500.00	6,840.00	6,709.00	6,709.00	366.90	116.12	-90.00	1,002.84	-8,228.10	6,104.95	5,949.78	155.17	39.343		
19,600.00	6,840.00	6,709.00	6,709.00	369.60	116.12	-90.00	1,002.84	-8,228.10	6,204.64	6,049.41	155.22	39.972		
19,700.00	6,840.00	6,709.00	6,709.00	372.30	116.12	-90.00	1,002.84	-8,228.10	6,304.33	6,149.05	155.28	40.600		
19,800.00	6,840.00	6,709.00	6,709.00	375.00	116.12	-90.00	1,002.84	-8,228.10	6,404.04	6,248.70	155.34	41.227		
19,900.00	6,840.00	6,709.00	6,709.00	377.70	116.12	-90.00	1,002.84	-8,228.10	6,503.75	6,348.36	155.40	41.853		
20,000.00	6,840.00	6,709.00	6,709.00	380.40	116.12	-90.00	1,002.84	-8,228.10	6,603.48	6,448.02	155.46	42.477		
20,100.00	6,840.00	6,709.00	6,709.00	383.11	116.12	-90.00	1,002.84	-8,228.10	6,703.21	6,547.68	155.52	43.101		
20,200.00	6,840.00	6,709.00	6,709.00	385.81	116.12	-90.00	1,002.84	-8,228.10	6,802.95	6,647.35	155.59	43.723		
20,300.00	6,840.00	6,709.00	6,709.00	388.51	116.12	-90.00	1,002.84	-8,228.10	6,902.69	6,747.03	155.66	44.344		
20,400.00	6,840.00	6,709.00	6,709.00	391.22	116.12	-90.00	1,002.84	-8,228.10	7,002.45	6,846.71	155.73	44.964		
20,500.00	6,840.00	6,709.00	6,709.00	393.92	116.12	-90.00	1,002.84	-8,228.10	7,102.21	6,946.40	155.81	45.583		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - ABND VERT DUPPER R G 26-6 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,709.00	6,709.00	394.99	116.12	-90.00	1,002.84	-8,228.10	7,141.81	6,985.97	155.84	45.828	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-74.47	1,756.38	-6,319.59	6,560.25					
100.00	100.00	0.00	0.00	0.13	0.00	-74.47	1,756.38	-6,319.59	6,559.16	6,559.02	0.13	N/A		
143.80	143.80	22.11	22.11	0.29	0.02	-74.47	1,756.39	-6,319.58	6,559.12	6,558.81	0.31	N/A		
200.00	200.00	79.12	79.12	0.49	0.07	-74.47	1,756.44	-6,319.56	6,559.11	6,558.55	0.57	N/A		
300.00	300.00	192.51	192.51	0.85	0.22	-74.46	1,756.72	-6,319.36	6,559.01	6,557.95	1.07	6,149.159		
400.00	400.00	293.25	293.24	1.21	0.31	-74.46	1,757.06	-6,319.02	6,558.78	6,557.26	1.51	4,335.432		
500.00	500.00	390.57	390.57	1.57	0.38	-74.46	1,757.27	-6,318.75	6,558.56	6,556.63	1.93	3,389.732		
600.00	599.98	560.02	560.01	1.92	0.48	-19.87	1,757.48	-6,317.23	6,556.01	6,553.62	2.39	2,745.224		
700.00	699.84	664.31	664.29	2.28	0.53	-19.92	1,757.46	-6,315.82	6,549.79	6,546.99	2.80	2,340.198		
800.00	799.45	766.91	766.88	2.65	0.59	-20.01	1,757.50	-6,314.39	6,540.26	6,537.05	3.21	2,038.729		
900.00	898.70	864.83	864.79	3.02	0.63	-20.14	1,757.32	-6,313.04	6,527.44	6,523.82	3.62	1,805.264		
1,000.00	997.47	961.01	960.96	3.42	0.67	-20.29	1,757.18	-6,311.76	6,511.43	6,507.40	4.02	1,617.955		
1,100.00	1,095.62	1,048.71	1,048.66	3.84	0.71	-20.48	1,756.84	-6,310.70	6,492.26	6,487.83	4.43	1,464.605		
1,200.00	1,193.06	1,139.56	1,139.50	4.30	0.75	-20.71	1,756.67	-6,309.75	6,470.10	6,465.25	4.85	1,334.722		
1,300.00	1,289.64	1,231.64	1,231.58	4.79	0.79	-20.97	1,756.34	-6,308.80	6,444.75	6,439.48	5.27	1,223.111		
1,400.00	1,385.27	1,305.84	1,305.77	5.33	0.82	-21.26	1,756.08	-6,308.25	6,416.53	6,410.84	5.69	1,127.365		
1,500.00	1,479.82	1,401.99	1,401.92	5.92	0.85	-21.60	1,755.93	-6,307.61	6,385.36	6,379.23	6.13	1,041.633		
1,600.00	1,573.17	1,479.98	1,479.91	6.56	0.88	-21.97	1,755.86	-6,307.17	6,351.25	6,344.68	6.57	966.355		
1,700.00	1,665.22	1,565.82	1,565.75	7.26	0.91	-22.36	1,755.72	-6,306.87	6,314.32	6,307.29	7.03	897.915		
1,800.00	1,756.74	1,667.03	1,666.96	7.99	0.95	-22.51	1,755.75	-6,306.44	6,276.25	6,268.76	7.50	837.342		
1,900.00	1,848.26	1,748.77	1,748.70	8.75	0.98	-22.63	1,755.85	-6,305.98	6,238.11	6,230.15	7.96	783.937		
2,000.00	1,939.78	1,820.77	1,820.69	9.51	1.00	-22.74	1,756.27	-6,305.73	6,200.29	6,191.87	8.42	736.197		
2,100.00	2,031.30	1,898.21	1,898.12	10.29	1.02	-22.85	1,757.30	-6,305.52	6,162.74	6,153.84	8.89	692.976		
2,200.00	2,122.82	1,976.89	1,976.80	11.07	1.04	-22.96	1,758.63	-6,305.42	6,125.42	6,116.05	9.37	653.842		
2,300.00	2,214.34	2,042.17	2,042.07	11.86	1.05	-23.06	1,759.67	-6,305.54	6,088.39	6,078.54	9.85	618.248		
2,400.00	2,305.85	2,103.04	2,102.93	12.66	1.06	-23.14	1,760.65	-6,305.98	6,051.87	6,041.54	10.33	585.716		
2,500.00	2,397.37	2,192.28	2,192.15	13.46	1.08	-23.28	1,761.86	-6,306.93	6,015.64	6,004.82	10.82	556.159		
2,600.00	2,488.89	2,294.37	2,294.23	14.26	1.09	-23.44	1,762.53	-6,308.14	5,979.39	5,968.09	11.30	529.168		
2,700.00	2,580.41	2,357.25	2,357.10	15.07	1.09	-23.55	1,762.54	-6,309.07	5,943.30	5,931.50	11.80	503.764		
2,800.00	2,671.93	2,423.06	2,422.91	15.88	1.09	-23.66	1,762.46	-6,310.42	5,907.72	5,895.42	12.30	480.273		
2,900.00	2,763.45	2,500.00	2,499.82	16.69	1.10	-23.80	1,762.44	-6,312.22	5,872.48	5,859.67	12.81	458.564		
3,000.00	2,854.97	2,575.39	2,575.18	17.51	1.11	-23.93	1,762.33	-6,314.21	5,837.53	5,824.21	13.32	438.349		
3,100.00	2,946.49	2,667.33	2,667.09	18.32	1.12	-24.10	1,762.09	-6,316.87	5,802.81	5,788.99	13.83	419.639		
3,200.00	3,038.00	2,787.02	2,786.73	19.14	1.13	-24.31	1,762.49	-6,319.87	5,767.93	5,753.60	14.33	402.384		
3,300.00	3,129.52	3,300.00	2,950.53	19.96	1.17	-24.61	1,762.60	-6,322.75	5,732.44	5,717.58	14.87	385.612		
3,400.00	3,221.04	3,140.22	3,139.90	20.77	1.16	-24.96	1,762.23	-6,322.83	5,695.18	5,679.86	15.31	371.925		
3,500.00	3,312.56	3,241.21	3,240.89	21.59	1.19	-25.14	1,762.33	-6,321.90	5,657.29	5,641.45	15.84	357.119		
3,600.00	3,404.08	3,319.89	3,319.57	22.42	1.21	-25.29	1,762.26	-6,321.27	5,619.52	5,603.14	16.38	343.106		
3,700.00	3,495.60	3,388.54	3,388.21	23.24	1.22	-25.42	1,761.89	-6,321.02	5,582.11	5,565.19	16.92	329.949		
3,800.00	3,587.12	3,460.61	3,460.28	24.06	1.23	-25.57	1,761.21	-6,321.10	5,545.09	5,527.63	17.46	317.550		
3,900.00	3,678.63	3,532.11	3,531.78	24.88	1.23	-25.72	1,760.45	-6,321.45	5,508.44	5,490.43	18.01	305.855		
4,000.00	3,770.15	3,604.72	3,604.38	25.71	1.24	-25.87	1,759.62	-6,322.10	5,472.20	5,453.64	18.56	294.832		
4,100.00	3,861.67	3,731.47	3,731.12	26.53	1.25	-26.13	1,759.06	-6,322.69	5,435.71	5,416.62	19.08	284.863		
4,200.00	3,953.19	3,811.64	3,811.29	27.35	1.26	-26.29	1,759.07	-6,322.88	5,399.19	5,379.56	19.63	275.036		
4,300.00	4,044.71	3,880.26	3,879.91	28.18	1.27	-26.43	1,759.01	-6,323.30	5,363.04	5,342.85	20.19	265.610		
4,400.00	4,136.23	3,935.47	3,935.11	29.01	1.28	-26.55	1,758.91	-6,323.93	5,327.42	5,306.65	20.77	256.556		
4,500.00	4,227.75	4,000.00	3,999.64	29.83	1.28	-26.69	1,758.91	-6,325.24	5,292.61	5,271.27	21.34	248.041		
4,600.00	4,319.27	4,036.94	4,036.56	30.66	1.29	-26.77	1,758.97	-6,326.27	5,258.50	5,236.57	21.93	239.762		
4,700.00	4,410.78	4,100.00	4,099.58	31.48	1.30	-26.90	1,759.12	-6,328.50	5,225.22	5,202.71	22.52	232.076		
4,800.00	4,502.30	4,149.62	4,149.15	32.31	1.31	-27.01	1,759.31	-6,330.60	5,192.63	5,169.52	23.11	224.680		
4,900.00	4,593.82	4,216.30	4,215.76	33.14	1.32	-27.15	1,759.78	-6,333.73	5,160.65	5,136.95	23.70	217.742		
5,000.00	4,685.34	4,298.72	4,298.07	33.96	1.33	-27.33	1,761.06	-6,337.75	5,129.04	5,104.76	24.28	211.216		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,416.83	4,416.04	34.79	1.34	-27.58	1,762.33	-6,343.44	5,097.37	5,072.52	24.85	205.142		
5,200.00	4,868.38	4,498.47	4,497.58	35.62	1.36	-27.76	1,763.25	-6,347.31	5,065.67	5,040.23	25.44	199.119		
5,300.00	4,959.90	4,755.55	4,754.52	36.45	1.39	-28.36	1,763.20	-6,354.80	5,031.53	5,005.61	25.91	194.160		
5,400.00	5,051.41	4,925.27	4,924.16	37.27	1.42	-28.82	1,758.85	-6,357.33	4,996.64	4,970.18	26.46	188.861		
5,500.00	5,142.93	5,041.44	5,040.31	38.10	1.44	-29.13	1,756.31	-6,357.46	4,960.47	4,933.44	27.04	183.473		
5,600.00	5,234.45	5,133.30	5,132.15	38.93	1.45	-29.37	1,754.83	-6,357.28	4,924.21	4,896.57	27.64	178.171		
5,700.00	5,325.97	5,220.14	5,218.98	39.76	1.47	-29.60	1,753.52	-6,357.17	4,888.09	4,859.84	28.25	173.049		
5,800.00	5,417.49	5,311.80	5,310.63	40.59	1.48	-29.85	1,752.16	-6,357.06	4,852.06	4,823.20	28.86	168.143		
5,900.00	5,509.01	5,393.47	5,392.29	41.42	1.50	-30.07	1,751.10	-6,357.03	4,816.21	4,786.73	29.48	163.374		
6,000.00	5,600.53	5,477.09	5,475.90	42.25	1.51	-30.30	1,750.22	-6,357.12	4,780.61	4,750.50	30.11	158.796		
6,100.00	5,692.04	5,568.10	5,566.91	43.07	1.53	-30.59	1,749.01	-6,357.23	4,745.09	4,714.37	30.72	154.484		
6,200.00	5,783.56	5,659.55	5,658.35	43.90	1.55	-30.86	1,747.71	-6,357.13	4,709.41	4,678.07	31.34	150.258		
6,300.00	5,875.08	5,751.49	5,750.28	44.73	1.57	-31.26	1,746.63	-6,356.12	4,673.38	4,641.46	31.92	146.425		
6,400.00	5,966.60	5,843.36	5,842.14	45.56	1.59	-31.55	1,745.77	-6,354.76	4,636.83	4,604.28	32.54	142.491		
6,500.00	6,058.12	6,050.31	6,049.06	46.39	1.61	-31.93	1,744.78	-6,352.20	4,599.82	4,566.69	33.14	138.817		
6,600.00	6,149.64	6,143.40	6,142.12	47.22	1.62	-32.20	1,744.37	-6,349.78	4,562.35	4,528.57	33.78	135.073		
6,700.00	6,241.16	6,215.91	6,214.61	48.05	1.63	-32.41	1,744.14	-6,348.14	4,525.28	4,490.83	34.45	131.368		
6,800.00	6,332.68	6,298.53	6,297.21	48.88	1.65	-32.65	1,744.19	-6,346.46	4,488.54	4,453.43	35.11	127.840		
6,900.00	6,424.19	6,375.24	6,373.91	49.71	1.66	-32.88	1,744.47	-6,345.07	4,452.12	4,416.33	35.79	124.407		
7,000.00	6,514.88	6,456.83	6,455.49	50.58	1.67	-26.81	1,744.81	-6,343.82	4,413.83	4,377.36	36.46	121.052		
7,100.00	6,599.14	6,531.27	6,529.92	51.67	1.68	-19.21	1,745.12	-6,342.79	4,362.04	4,324.92	37.13	117.491		
7,200.00	6,673.85	6,593.20	6,591.84	53.01	1.69	-14.39	1,745.42	-6,342.11	4,296.52	4,258.78	37.74	113.856		
7,300.00	6,736.73	6,654.04	6,652.69	54.56	1.69	-10.72	1,745.76	-6,341.53	4,219.09	4,180.85	38.23	110.348		
7,400.00	6,785.87	6,702.38	6,701.02	56.29	1.70	-8.89	1,746.05	-6,341.07	4,131.95	4,093.35	38.60	107.046		
7,500.00	6,819.79	6,732.96	6,731.59	58.13	1.71	-0.29	1,746.20	-6,340.80	4,037.75	3,998.94	38.81	104.026		
7,600.00	6,837.44	6,748.62	6,747.25	60.02	1.71	27.20	1,746.25	-6,340.66	3,939.33	3,900.47	38.86	101.371		
7,700.00	6,840.00	6,750.24	6,748.87	61.90	1.71	96.66	1,746.25	-6,340.65	3,839.59	3,800.83	38.75	99.079		
7,800.00	6,840.00	6,749.47	6,748.10	63.83	1.71	96.50	1,746.25	-6,340.66	3,739.83	3,701.22	38.61	96.850		
7,900.00	6,840.00	6,748.69	6,747.33	65.81	1.71	96.33	1,746.25	-6,340.66	3,640.09	3,601.62	38.47	94.621		
8,000.00	6,840.00	6,747.92	6,746.55	67.84	1.71	96.17	1,746.25	-6,340.67	3,540.37	3,502.05	38.32	92.392		
8,100.00	6,840.00	6,747.14	6,745.77	69.91	1.71	96.00	1,746.25	-6,340.68	3,440.66	3,402.50	38.16	90.161		
8,200.00	6,840.00	6,746.35	6,744.99	72.03	1.71	95.83	1,746.24	-6,340.68	3,340.97	3,302.97	38.00	87.929		
8,300.00	6,840.00	6,745.57	6,744.20	74.18	1.71	95.66	1,746.24	-6,340.69	3,241.29	3,203.47	37.82	85.697		
8,400.00	6,840.00	6,744.77	6,743.41	76.37	1.71	95.49	1,746.24	-6,340.70	3,141.64	3,104.00	37.64	83.463		
8,500.00	6,840.00	6,743.98	6,742.62	78.59	1.71	95.32	1,746.24	-6,340.70	3,042.01	3,004.56	37.45	81.227		
8,600.00	6,840.00	6,743.18	6,741.82	80.85	1.71	95.15	1,746.23	-6,340.71	2,942.40	2,905.15	37.25	78.988		
8,700.00	6,840.00	6,742.38	6,741.02	83.13	1.71	94.98	1,746.23	-6,340.72	2,842.83	2,805.78	37.04	76.747		
8,800.00	6,840.00	6,741.58	6,740.21	85.44	1.71	94.80	1,746.23	-6,340.72	2,743.28	2,706.46	36.82	74.503		
8,900.00	6,840.00	6,740.77	6,739.40	87.77	1.71	94.63	1,746.23	-6,340.73	2,643.76	2,607.17	36.59	72.254		
9,000.00	6,840.00	6,739.95	6,738.59	90.12	1.71	94.45	1,746.22	-6,340.74	2,544.29	2,507.94	36.35	69.999		
9,100.00	6,840.00	6,739.14	6,737.77	92.50	1.71	94.28	1,746.22	-6,340.74	2,444.85	2,408.76	36.09	67.736		
9,200.00	6,840.00	6,738.32	6,736.95	94.89	1.71	94.10	1,746.22	-6,340.75	2,345.47	2,309.64	35.83	65.464		
9,300.00	6,840.00	6,737.49	6,736.13	97.30	1.71	93.92	1,746.22	-6,340.76	2,246.14	2,210.58	35.55	63.179		
9,400.00	6,840.00	6,736.66	6,735.30	99.73	1.71	93.75	1,746.21	-6,340.77	2,146.87	2,111.60	35.26	60.879		
9,500.00	6,840.00	6,735.83	6,734.47	102.17	1.71	93.57	1,746.21	-6,340.77	2,047.67	2,012.70	34.97	58.558		
9,600.00	6,840.00	6,735.00	6,733.63	104.63	1.71	93.39	1,746.21	-6,340.78	1,948.55	1,913.88	34.67	56.211		
9,700.00	6,840.00	6,734.16	6,732.79	107.10	1.71	93.20	1,746.20	-6,340.79	1,849.53	1,815.17	34.36	53.828		
9,800.00	6,840.00	6,733.31	6,731.95	109.58	1.71	93.02	1,746.20	-6,340.79	1,750.61	1,716.56	34.06	51.400		
9,900.00	6,840.00	6,732.47	6,731.10	112.07	1.71	92.84	1,746.20	-6,340.80	1,651.83	1,618.06	33.77	48.912		
10,000.00	6,840.00	6,731.61	6,730.25	114.58	1.71	92.65	1,746.19	-6,340.81	1,553.20	1,519.69	33.51	46.346		
10,100.00	6,840.00	6,730.76	6,729.40	117.09	1.71	92.47	1,746.19	-6,340.82	1,454.77	1,421.46	33.31	43.677		
10,200.00	6,840.00	6,729.90	6,728.54	119.61	1.71	92.28	1,746.19	-6,340.82	1,356.55	1,323.37	33.19	40.874		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,729.04	6,727.67	122.14	1.71	92.10	1,746.18	-6,340.83	1,258.62	1,225.41	33.21	37.899		
10,400.00	6,840.00	6,728.17	6,726.80	124.68	1.71	91.91	1,746.18	-6,340.84	1,161.04	1,127.59	33.45	34.710		
10,500.00	6,840.00	6,727.30	6,725.93	127.23	1.70	91.72	1,746.18	-6,340.85	1,063.91	1,029.89	34.03	31.266		
10,600.00	6,840.00	6,726.42	6,725.06	129.78	1.70	91.53	1,746.17	-6,340.85	967.37	932.25	35.12	27.546		
10,700.00	6,840.00	6,725.54	6,724.18	132.35	1.70	91.34	1,746.17	-6,340.86	871.60	834.63	36.98	23.571		
10,800.00	6,840.00	6,724.65	6,723.29	134.91	1.70	91.15	1,746.17	-6,340.87	776.90	736.93	39.97	19.435		
10,900.00	6,840.00	6,723.77	6,722.40	137.49	1.70	90.95	1,746.16	-6,340.88	683.71	639.09	44.63	15.321		
11,000.00	6,840.00	6,722.87	6,721.51	140.07	1.70	90.76	1,746.16	-6,340.89	592.74	541.08	51.67	11.473		
11,100.00	6,840.00	6,721.97	6,720.61	142.65	1.70	90.57	1,746.15	-6,340.89	505.20	443.08	62.12	8.133		
11,200.00	6,840.00	6,721.07	6,719.71	145.24	1.70	90.37	1,746.15	-6,340.90	423.21	345.86	77.35	5.471		
11,300.00	6,840.00	6,720.17	6,718.80	147.83	1.70	90.17	1,746.15	-6,340.91	350.69	251.97	98.72	3.553		
11,400.00	6,840.00	6,719.26	6,717.89	150.43	1.70	89.98	1,746.14	-6,340.92	294.72	169.32	125.40	2.350		
11,500.00	6,840.00	6,718.34	6,716.98	153.04	1.70	89.78	1,746.14	-6,340.93	265.96	116.71	149.25	1.782		
11,530.63	6,840.00	6,718.06	6,716.70	153.84	1.70	89.72	1,746.14	-6,340.93	264.19	110.50	153.69	1.719	CC, ES, SF	
11,600.00	6,840.00	6,717.42	6,716.06	155.64	1.70	89.58	1,746.13	-6,340.94	273.15	116.55	156.60	1.744		
11,700.00	6,840.00	6,716.50	6,715.14	158.26	1.70	89.38	1,746.13	-6,340.94	313.82	166.79	147.03	2.134		
11,800.00	6,840.00	6,715.57	6,714.21	160.87	1.70	89.18	1,746.12	-6,340.95	377.29	245.48	131.81	2.862		
11,900.00	6,840.00	6,714.64	6,713.27	163.49	1.70	88.98	1,746.12	-6,340.96	454.11	336.31	117.80	3.855		
12,000.00	6,840.00	6,713.70	6,712.34	166.11	1.70	88.77	1,746.11	-6,340.97	538.60	432.04	106.56	5.054		
12,100.00	6,840.00	6,712.76	6,711.39	168.74	1.70	88.57	1,746.11	-6,340.98	627.65	529.83	97.82	6.416		
12,200.00	6,840.00	6,711.81	6,710.45	171.37	1.70	88.36	1,746.10	-6,340.99	719.59	628.57	91.02	7.906		
12,300.00	6,840.00	6,710.86	6,709.50	174.00	1.70	88.16	1,746.10	-6,340.99	813.43	727.79	85.65	9.497		
12,400.00	6,840.00	6,709.90	6,708.54	176.63	1.70	87.95	1,746.09	-6,341.00	908.59	827.25	81.34	11.170		
12,500.00	6,840.00	6,708.94	6,707.58	179.27	1.70	87.74	1,746.09	-6,341.01	1,004.68	926.86	77.83	12.909		
12,600.00	6,840.00	6,707.97	6,706.61	181.91	1.70	87.53	1,746.08	-6,341.02	1,101.48	1,026.55	74.93	14.701		
12,700.00	6,840.00	6,707.00	6,705.64	184.55	1.70	87.32	1,746.08	-6,341.03	1,198.79	1,126.30	72.50	16.536		
12,800.00	6,840.00	6,706.03	6,704.66	187.19	1.70	87.11	1,746.07	-6,341.04	1,296.52	1,226.08	70.44	18.407		
12,900.00	6,840.00	6,705.04	6,703.68	189.84	1.70	86.90	1,746.07	-6,341.05	1,394.56	1,325.89	68.67	20.307		
13,000.00	6,840.00	6,704.06	6,702.70	192.48	1.70	86.68	1,746.06	-6,341.06	1,492.87	1,425.72	67.15	22.232		
13,100.00	6,840.00	6,703.07	6,701.71	195.13	1.70	86.47	1,746.05	-6,341.07	1,591.38	1,525.56	65.82	24.177		
13,200.00	6,840.00	6,702.07	6,700.71	197.79	1.70	86.25	1,746.05	-6,341.08	1,690.07	1,625.41	64.66	26.138		
13,300.00	6,840.00	6,701.07	6,699.71	200.44	1.70	86.04	1,746.04	-6,341.09	1,788.91	1,725.28	63.63	28.113		
13,400.00	6,840.00	6,700.06	6,698.70	203.10	1.70	85.82	1,746.04	-6,341.10	1,887.86	1,825.14	62.72	30.100		
13,500.00	6,840.00	6,699.12	6,697.76	205.75	1.70	85.62	1,746.03	-6,341.10	1,986.92	1,925.02	61.90	32.096		
13,600.00	6,840.00	6,698.18	6,696.82	208.41	1.70	85.41	1,746.02	-6,341.11	2,086.07	2,024.90	61.17	34.100		
13,700.00	6,840.00	6,697.24	6,695.88	211.07	1.70	85.21	1,746.02	-6,341.12	2,185.30	2,124.78	60.52	36.110		
13,800.00	6,840.00	6,696.30	6,694.94	213.74	1.70	85.01	1,746.01	-6,341.13	2,284.60	2,224.67	59.92	38.126		
13,900.00	6,840.00	6,695.36	6,694.00	216.40	1.70	84.81	1,746.01	-6,341.14	2,383.95	2,324.56	59.38	40.145		
14,000.00	6,840.00	6,694.42	6,693.06	219.06	1.70	84.60	1,746.00	-6,341.15	2,483.35	2,424.46	58.89	42.167		
14,100.00	6,840.00	6,693.48	6,692.12	221.73	1.70	84.40	1,745.99	-6,341.16	2,582.80	2,524.36	58.45	44.191		
14,200.00	6,840.00	6,692.54	6,691.18	224.40	1.70	84.20	1,745.99	-6,341.17	2,682.29	2,624.26	58.04	46.218		
14,300.00	6,840.00	6,691.60	6,690.24	227.07	1.70	84.00	1,745.98	-6,341.18	2,781.82	2,724.16	57.66	48.245		
14,400.00	6,840.00	6,690.66	6,689.30	229.74	1.70	83.80	1,745.98	-6,341.18	2,881.38	2,824.06	57.32	50.272		
14,500.00	6,840.00	6,689.72	6,688.36	232.41	1.70	83.59	1,745.97	-6,341.19	2,980.97	2,923.97	57.00	52.299		
14,600.00	6,840.00	6,688.78	6,687.42	235.08	1.70	83.39	1,745.97	-6,341.20	3,080.58	3,023.88	56.71	54.326		
14,700.00	6,840.00	6,687.84	6,686.48	237.75	1.70	83.19	1,745.96	-6,341.21	3,180.22	3,123.79	56.44	56.352		
14,800.00	6,840.00	6,686.90	6,685.54	240.43	1.70	82.99	1,745.95	-6,341.22	3,279.88	3,223.70	56.19	58.376		
14,900.00	6,840.00	6,685.96	6,684.60	243.10	1.70	82.79	1,745.95	-6,341.23	3,379.56	3,323.61	55.95	60.399		
15,000.00	6,840.00	6,685.02	6,683.66	245.78	1.70	82.59	1,745.94	-6,341.24	3,479.26	3,423.52	55.74	62.420		
15,100.00	6,840.00	6,684.08	6,682.72	248.46	1.70	82.39	1,745.94	-6,341.25	3,578.97	3,523.43	55.54	64.439		
15,200.00	6,840.00	6,683.14	6,681.78	251.14	1.70	82.19	1,745.93	-6,341.26	3,678.70	3,623.35	55.36	66.455		
15,300.00	6,840.00	6,682.20	6,680.84	253.82	1.70	81.99	1,745.93	-6,341.26	3,778.45	3,723.26	55.19	68.469		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,681.26	6,679.90	256.50	1.70	81.79	1,745.92	-6,341.27	3,878.21	3,823.18	55.03	70.480		
15,500.00	6,840.00	6,680.32	6,678.96	259.18	1.70	81.59	1,745.91	-6,341.28	3,977.98	3,923.10	54.88	72.487		
15,600.00	6,840.00	6,679.38	6,678.02	261.86	1.70	81.39	1,745.91	-6,341.29	4,077.76	4,023.01	54.74	74.492		
15,700.00	6,840.00	6,678.44	6,677.08	264.54	1.70	81.19	1,745.90	-6,341.30	4,177.55	4,122.93	54.61	76.493		
15,800.00	6,840.00	6,677.50	6,676.14	267.23	1.70	80.99	1,745.90	-6,341.31	4,277.35	4,222.85	54.49	78.491		
15,900.00	6,840.00	6,676.56	6,675.20	269.91	1.70	80.79	1,745.89	-6,341.32	4,377.15	4,322.77	54.38	80.485		
16,000.00	6,840.00	6,675.62	6,674.26	272.59	1.70	80.59	1,745.89	-6,341.33	4,476.97	4,422.69	54.28	82.476		
16,100.00	6,840.00	6,674.68	6,673.32	275.28	1.70	80.39	1,745.88	-6,341.34	4,576.80	4,522.61	54.19	84.462		
16,200.00	6,840.00	6,673.75	6,672.39	277.97	1.70	80.19	1,745.87	-6,341.34	4,676.63	4,622.53	54.10	86.445		
16,300.00	6,840.00	6,672.81	6,671.45	280.65	1.70	80.00	1,745.87	-6,341.35	4,776.47	4,722.45	54.02	88.423		
16,400.00	6,840.00	6,671.87	6,670.51	283.34	1.70	79.80	1,745.86	-6,341.36	4,876.31	4,822.37	53.94	90.397		
16,500.00	6,840.00	6,670.93	6,669.57	286.03	1.70	79.60	1,745.86	-6,341.37	4,976.17	4,922.29	53.87	92.367		
16,600.00	6,840.00	6,669.99	6,668.63	288.72	1.70	79.40	1,745.85	-6,341.38	5,076.02	5,022.21	53.81	94.333		
16,700.00	6,840.00	6,669.05	6,667.69	291.41	1.70	79.21	1,745.85	-6,341.39	5,175.89	5,122.14	53.75	96.294		
16,800.00	6,840.00	6,668.11	6,666.75	294.10	1.70	79.01	1,745.84	-6,341.40	5,275.75	5,222.06	53.70	98.250		
16,900.00	6,840.00	6,667.17	6,665.81	296.79	1.70	78.81	1,745.83	-6,341.41	5,375.63	5,321.98	53.65	100.202		
17,000.00	6,840.00	6,666.23	6,664.88	299.48	1.70	78.62	1,745.83	-6,341.42	5,475.50	5,421.90	53.60	102.149		
17,100.00	6,840.00	6,665.30	6,663.94	302.17	1.70	78.42	1,745.82	-6,341.42	5,575.38	5,521.82	53.56	104.091		
17,200.00	6,840.00	6,664.36	6,663.00	304.86	1.70	78.23	1,745.82	-6,341.43	5,675.27	5,621.74	53.53	106.029		
17,300.00	6,840.00	6,663.42	6,662.06	307.56	1.70	78.03	1,745.81	-6,341.44	5,775.16	5,721.67	53.49	107.961		
17,400.00	6,840.00	6,662.48	6,661.12	310.25	1.70	77.84	1,745.81	-6,341.45	5,875.05	5,821.59	53.46	109.889		
17,500.00	6,840.00	6,661.54	6,660.18	312.94	1.70	77.64	1,745.80	-6,341.46	5,974.95	5,921.51	53.44	111.811		
17,600.00	6,840.00	6,660.60	6,659.25	315.64	1.70	77.45	1,745.80	-6,341.47	6,074.85	6,021.43	53.42	113.729		
17,700.00	6,840.00	6,659.67	6,658.31	318.33	1.70	77.25	1,745.79	-6,341.48	6,174.75	6,121.35	53.40	115.641		
17,800.00	6,840.00	6,658.73	6,657.37	321.03	1.70	77.06	1,745.78	-6,341.49	6,274.65	6,221.28	53.38	117.548		
17,900.00	6,840.00	6,657.79	6,656.43	323.72	1.70	76.86	1,745.78	-6,341.50	6,374.56	6,321.20	53.37	119.450		
18,000.00	6,840.00	6,656.85	6,655.49	326.42	1.70	76.67	1,745.77	-6,341.50	6,474.47	6,421.12	53.36	121.346		
18,100.00	6,840.00	6,655.91	6,654.56	329.11	1.70	76.48	1,745.77	-6,341.51	6,574.39	6,521.04	53.35	123.238		
18,200.00	6,840.00	6,654.98	6,653.62	331.81	1.69	76.29	1,745.76	-6,341.52	6,674.30	6,620.96	53.34	125.124		
18,300.00	6,840.00	6,654.04	6,652.68	334.51	1.69	76.09	1,745.76	-6,341.53	6,774.22	6,720.88	53.34	127.004		
18,400.00	6,840.00	6,653.10	6,651.74	337.20	1.69	75.90	1,745.75	-6,341.54	6,874.14	6,820.80	53.34	128.879		
18,500.00	6,840.00	6,652.16	6,650.81	339.90	1.69	75.71	1,745.75	-6,341.55	6,974.07	6,920.73	53.34	130.749		
18,600.00	6,840.00	6,651.23	6,649.87	342.60	1.69	75.52	1,745.74	-6,341.56	7,073.99	7,020.65	53.34	132.613		
18,700.00	6,840.00	6,650.29	6,648.93	345.30	1.69	75.33	1,745.74	-6,341.57	7,173.92	7,120.57	53.35	134.471		
18,800.00	6,840.00	6,649.35	6,647.99	348.00	1.69	75.14	1,745.73	-6,341.58	7,273.85	7,220.49	53.36	136.324		
18,900.00	6,840.00	6,648.41	6,647.06	350.70	1.69	74.95	1,745.72	-6,341.58	7,373.78	7,320.41	53.37	138.172		
19,000.00	6,840.00	6,647.48	6,646.12	353.39	1.69	74.76	1,745.72	-6,341.59	7,473.71	7,420.33	53.38	140.013		
19,100.00	6,840.00	6,646.54	6,645.18	356.09	1.69	74.57	1,745.71	-6,341.60	7,573.64	7,520.25	53.39	141.849		
19,200.00	6,840.00	6,645.60	6,644.24	358.79	1.69	74.38	1,745.71	-6,341.61	7,673.58	7,620.17	53.41	143.680		
19,300.00	6,840.00	6,644.66	6,643.31	361.49	1.69	74.19	1,745.70	-6,341.62	7,773.51	7,720.09	53.42	145.504		
19,400.00	6,840.00	6,643.73	6,642.37	364.20	1.69	74.00	1,745.70	-6,341.63	7,873.45	7,820.01	53.44	147.323		
19,500.00	6,840.00	6,642.79	6,641.43	366.90	1.69	73.81	1,745.69	-6,341.64	7,973.39	7,919.93	53.46	149.136		
19,600.00	6,840.00	6,641.85	6,640.49	369.60	1.69	73.62	1,745.69	-6,341.65	8,073.33	8,019.85	53.49	150.943		
19,700.00	6,840.00	6,640.92	6,639.56	372.30	1.69	73.44	1,745.68	-6,341.65	8,173.28	8,119.77	53.51	152.745		
19,800.00	6,840.00	6,639.98	6,638.62	375.00	1.69	73.25	1,745.68	-6,341.66	8,273.22	8,219.69	53.53	154.540		
19,900.00	6,840.00	6,639.04	6,637.68	377.70	1.69	73.06	1,745.67	-6,341.67	8,373.17	8,319.61	53.56	156.330		
20,000.00	6,840.00	6,638.10	6,636.75	380.40	1.69	72.88	1,745.67	-6,341.68	8,473.11	8,419.52	53.59	158.114		
20,100.00	6,840.00	6,637.17	6,635.81	383.11	1.69	72.69	1,745.66	-6,341.69	8,573.06	8,519.44	53.62	159.892		
20,200.00	6,840.00	6,636.23	6,634.87	385.81	1.69	72.50	1,745.66	-6,341.70	8,673.01	8,619.36	53.65	161.664		
20,300.00	6,840.00	6,635.29	6,633.94	388.51	1.69	72.32	1,745.65	-6,341.71	8,772.96	8,719.28	53.68	163.430		
20,400.00	6,840.00	6,634.36	6,633.00	391.22	1.69	72.13	1,745.64	-6,341.72	8,872.91	8,819.20	53.71	165.190		
20,500.00	6,840.00	6,633.42	6,632.06	393.92	1.69	71.95	1,745.64	-6,341.73	8,972.86	8,919.11	53.75	166.944		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		SEC 26-T4N-R65W - ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		100-GYD_CT										<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,633.05	6,631.69	394.99	1.69	71.88	1,745.64	-6,341.73	9,012.54	8,958.78	53.76	167.639	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 16-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-100.49	-1,801.76	-9,727.40	9,893.46					
100.00	100.00	0.00	0.00	0.13	0.00	-100.49	-1,801.76	-9,727.40	9,892.86	9,892.73	0.13	N/A		
110.97	110.97	1.97	1.97	0.17	0.00	-100.49	-1,801.76	-9,727.40	9,892.86	9,892.69	0.17	N/A		
200.00	200.00	84.57	84.57	0.49	0.24	-100.49	-1,801.78	-9,727.42	9,892.88	9,892.15	0.73	N/A		
300.00	300.00	176.00	176.00	0.85	0.56	-100.49	-1,801.88	-9,727.50	9,892.99	9,891.58	1.41	7,007.992		
400.00	400.00	267.43	267.43	1.21	0.88	-100.50	-1,802.06	-9,727.65	9,893.19	9,891.10	2.09	4,732.874		
500.00	500.00	358.86	358.86	1.57	1.20	-100.50	-1,802.32	-9,727.86	9,893.47	9,890.70	2.77	3,573.009		
600.00	599.98	450.28	450.27	1.92	1.52	-45.91	-1,802.66	-9,728.14	9,892.62	9,889.18	3.44	2,872.376		
700.00	699.84	541.58	541.57	2.28	1.84	-45.97	-1,803.08	-9,728.49	9,889.44	9,885.32	4.12	2,400.984		
800.00	799.45	636.79	636.79	2.65	2.17	-46.09	-1,803.67	-9,728.89	9,883.90	9,879.09	4.81	2,053.623		
900.00	898.70	2,925.00	2,888.95	3.02	11.54	-48.70	-1,939.72	-9,454.51	9,858.54	9,844.77	13.77	715.962		
1,000.00	997.47	2,974.26	2,936.19	3.42	11.81	-49.29	-1,946.86	-9,442.49	9,827.21	9,812.84	14.37	683.858		
1,100.00	1,095.62	3,155.69	3,110.17	3.84	12.82	-50.21	-1,973.32	-9,398.40	9,793.93	9,778.34	15.59	628.230		
1,200.00	1,193.06	3,206.00	3,158.37	4.30	13.11	-50.91	-1,980.70	-9,386.03	9,758.27	9,742.03	16.23	601.075		
1,300.00	1,289.64	3,230.41	3,181.82	4.79	13.25	-51.60	-1,984.17	-9,380.17	9,721.07	9,704.29	16.78	579.298		
1,400.00	1,385.27	3,264.34	3,214.47	5.33	13.43	-52.35	-1,988.79	-9,372.21	9,682.47	9,665.07	17.40	556.554		
1,500.00	1,479.82	3,300.00	3,248.89	5.92	13.63	-53.14	-1,993.38	-9,364.08	9,642.49	9,624.44	18.05	534.119		
1,600.00	1,573.17	3,346.70	3,294.06	6.56	13.88	-54.01	-1,999.11	-9,353.68	9,601.12	9,582.33	18.79	510.974		
1,700.00	1,665.22	3,396.67	3,342.46	7.26	14.15	-54.85	-2,004.99	-9,342.76	9,558.34	9,538.75	19.58	488.092		
1,800.00	1,756.74	3,642.32	3,580.38	7.99	15.48	-55.64	-2,032.13	-9,288.03	9,514.83	9,493.58	21.25	447.754		
1,900.00	1,848.26	3,718.65	3,654.21	8.75	15.90	-55.89	-2,040.00	-9,270.34	9,470.47	9,448.27	22.20	426.602		
2,000.00	1,939.78	3,984.92	3,910.35	9.51	17.43	-56.80	-2,072.74	-9,205.39	9,425.98	9,401.94	24.04	392.152		
2,100.00	2,031.30	4,019.44	3,943.48	10.29	17.64	-56.92	-2,076.91	-9,196.67	9,380.69	9,355.84	24.85	377.562		
2,200.00	2,122.82	4,051.00	3,973.83	11.07	17.82	-57.03	-2,080.65	-9,188.84	9,335.97	9,310.31	25.65	363.911		
2,300.00	2,214.34	4,093.48	4,014.74	11.86	18.06	-57.18	-2,085.56	-9,178.51	9,291.80	9,265.27	26.52	350.346		
2,400.00	2,305.85	4,144.00	4,063.49	12.66	18.35	-57.35	-2,091.23	-9,166.53	9,248.18	9,220.75	27.44	337.085		
2,500.00	2,397.37	4,233.50	4,149.90	13.46	18.86	-57.66	-2,101.09	-9,145.41	9,204.90	9,176.37	28.53	322.632		
2,600.00	2,488.89	4,355.06	4,266.95	14.26	19.56	-58.09	-2,115.17	-9,115.82	9,161.29	9,131.50	29.79	307.576		
2,700.00	2,580.41	4,392.30	4,302.83	15.07	19.78	-58.22	-2,119.49	-9,106.82	9,118.10	9,087.43	30.67	297.281		
2,800.00	2,671.93	2,800.00	4,418.15	15.88	10.61	-58.65	-2,133.05	-9,077.90	9,075.09	9,051.44	23.65	383.677		
2,900.00	2,763.45	4,572.60	4,476.50	16.69	20.82	-58.87	-2,140.01	-9,062.92	9,032.03	8,999.08	32.95	274.154		
3,000.00	2,854.97	4,613.00	4,515.49	17.51	21.05	-59.01	-2,144.50	-9,053.35	8,989.75	8,955.88	33.87	265.411		
3,100.00	2,946.49	4,645.67	4,547.05	18.32	21.24	-59.13	-2,148.18	-9,045.74	8,948.05	8,913.28	34.77	257.351		
3,200.00	3,038.00	4,707.00	4,606.22	19.14	21.59	-59.36	-2,155.59	-9,031.44	8,906.83	8,871.02	35.81	248.755		
3,300.00	3,129.52	4,707.00	4,606.22	19.96	21.59	-59.36	-2,155.59	-9,031.44	8,866.25	8,829.68	36.57	242.440		
3,400.00	3,221.04	4,749.18	4,646.97	20.77	21.83	-59.51	-2,160.83	-9,021.88	8,826.26	8,788.73	37.53	235.164		
3,500.00	3,312.56	4,801.00	4,697.25	21.59	22.12	-59.70	-2,166.99	-9,010.94	8,787.29	8,748.75	38.54	227.984		
3,600.00	3,404.08	4,801.00	4,697.25	22.42	22.12	-59.70	-2,166.99	-9,010.94	8,748.75	8,709.42	39.33	222.468		
3,700.00	3,495.60	4,801.00	4,697.25	23.24	22.12	-59.70	-2,166.99	-9,010.94	8,711.18	8,671.07	40.11	217.169		
3,800.00	3,587.12	4,835.89	4,731.23	24.06	22.30	-59.83	-2,170.97	-9,004.10	8,674.33	8,633.28	41.06	211.286		
3,900.00	3,678.63	4,857.00	4,751.83	24.88	22.41	-59.90	-2,173.31	-9,000.18	8,638.34	8,596.39	41.94	205.958		
4,000.00	3,770.15	4,895.00	4,789.03	25.71	22.60	-60.03	-2,177.40	-8,993.56	8,603.21	8,560.30	42.91	200.504		
4,100.00	3,861.67	4,928.31	4,821.70	26.53	22.77	-60.15	-2,180.78	-8,988.00	8,568.75	8,524.90	43.85	195.411		
4,200.00	3,953.19	4,989.00	4,881.31	27.35	23.06	-60.36	-2,186.23	-8,977.97	8,534.58	8,489.67	44.91	190.039		
4,300.00	4,044.71	5,035.44	4,927.00	28.18	23.28	-60.52	-2,190.00	-8,970.59	8,500.96	8,455.06	45.91	185.180		
4,400.00	4,136.23	5,082.00	4,972.90	29.01	23.50	-60.67	-2,193.67	-8,963.73	8,468.20	8,421.30	46.91	180.528		
4,500.00	4,227.75	5,082.00	4,972.90	29.83	23.50	-60.67	-2,193.67	-8,963.73	8,436.14	8,388.41	47.73	176.758		
4,600.00	4,319.27	5,129.65	5,019.98	30.66	23.70	-60.83	-2,197.22	-8,957.25	8,404.80	8,356.07	48.73	172.472		
4,700.00	4,410.78	5,176.00	5,065.86	31.48	23.91	-60.98	-2,200.39	-8,951.48	8,374.26	8,324.52	49.73	168.380		
4,800.00	4,502.30	5,176.00	5,065.86	32.31	23.91	-60.98	-2,200.39	-8,951.48	8,344.47	8,293.91	50.56	165.038		
4,900.00	4,593.82	5,230.54	5,119.95	33.14	24.13	-61.15	-2,203.80	-8,945.34	8,315.33	8,263.74	51.59	161.180		
5,000.00	4,685.34	5,271.00	5,160.13	33.96	24.30	-61.28	-2,206.15	-8,941.24	8,287.02	8,234.45	52.57	157.636		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 16-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	5,297.84	5,186.81	34.79	24.40	-61.37	-2,207.62	-8,938.74	8,259.45	8,205.95	53.50	154.388		
5,200.00	4,868.38	5,331.34	5,220.13	35.62	24.53	-61.47	-2,209.39	-8,935.86	8,232.66	8,178.21	54.45	151.195		
5,300.00	4,959.90	5,365.00	5,253.65	36.45	24.65	-61.57	-2,211.09	-8,933.23	8,206.65	8,151.24	55.41	148.120		
5,400.00	5,051.41	5,411.31	5,299.80	37.27	24.82	-61.71	-2,213.31	-8,929.96	8,181.34	8,124.94	56.40	145.055		
5,500.00	5,142.93	5,460.00	5,348.33	38.10	25.00	-61.86	-2,215.53	-8,926.84	8,156.69	8,099.28	57.41	142.083		
5,600.00	5,234.45	5,503.68	5,391.90	38.93	25.15	-61.99	-2,217.41	-8,924.33	8,132.68	8,074.29	58.39	139.273		
5,700.00	5,325.97	5,554.00	5,442.11	39.76	25.32	-62.14	-2,219.45	-8,921.79	8,109.34	8,049.94	59.40	136.512		
5,800.00	5,417.49	5,596.42	5,484.46	40.59	25.46	-62.27	-2,221.02	-8,919.97	8,086.66	8,026.28	60.38	133.924		
5,900.00	5,509.01	5,649.00	5,536.99	41.42	25.63	-62.42	-2,222.68	-8,918.13	8,064.64	8,003.24	61.40	131.355		
6,000.00	5,600.53	5,688.15	5,576.11	42.25	25.75	-62.53	-2,223.67	-8,917.12	8,043.28	7,980.92	62.36	128.988		
6,100.00	5,692.04	5,743.00	5,630.95	43.07	25.92	-62.68	-2,224.55	-8,916.29	8,022.63	7,959.26	63.37	126.607		
6,200.00	5,783.56	5,792.62	5,680.56	43.90	26.06	-62.81	-2,225.07	-8,915.92	8,002.57	7,938.21	64.35	124.354		
6,300.00	5,875.08	5,882.79	5,770.73	44.73	26.31	-63.06	-2,225.88	-8,915.59	7,982.96	7,917.50	65.46	121.953		
6,400.00	5,966.60	5,977.93	5,865.87	45.56	26.58	-63.31	-2,226.08	-8,915.29	7,963.28	7,896.70	66.58	119.606		
6,500.00	6,058.12	6,054.58	5,942.52	46.39	26.80	-63.51	-2,226.41	-8,915.16	7,943.96	7,876.32	67.65	117.431		
6,600.00	6,149.64	6,146.57	6,034.51	47.22	27.06	-63.76	-2,226.87	-8,915.00	7,924.84	7,856.07	68.76	115.246		
6,700.00	6,241.16	6,226.19	6,114.13	48.05	27.28	-63.98	-2,227.36	-8,914.88	7,905.95	7,836.11	69.85	113.189		
6,800.00	6,332.68	6,300.80	6,188.73	48.88	27.49	-64.18	-2,227.77	-8,914.95	7,887.40	7,816.49	70.91	111.227		
6,900.00	6,424.19	6,389.47	6,277.40	49.71	27.72	-64.42	-2,228.14	-8,915.24	7,869.14	7,797.13	72.01	109.273		
7,000.00	6,514.88	6,479.79	6,367.72	50.58	27.97	-64.69	-2,228.50	-8,915.54	7,848.96	7,775.82	73.14	107.307		
7,100.00	6,599.14	6,573.29	6,461.22	51.67	28.22	-65.78	-2,228.82	-8,915.84	7,815.78	7,741.35	74.43	105.008		
7,200.00	6,673.85	6,645.82	6,533.75	53.01	28.42	-62.63	-2,229.06	-8,916.02	7,768.94	7,693.15	75.80	102.498		
7,300.00	6,736.73	6,708.37	6,596.30	54.56	28.59	-64.59	-2,229.44	-8,916.11	7,710.05	7,632.81	77.23	99.827		
7,400.00	6,785.87	6,765.54	6,653.47	56.29	28.76	-69.67	-2,229.71	-8,916.19	7,640.86	7,562.14	78.72	97.069		
7,500.00	6,819.79	6,803.18	6,691.11	58.13	28.86	-68.28	-2,229.84	-8,916.24	7,563.53	7,483.38	80.15	94.365		
7,600.00	6,837.44	6,822.18	6,710.10	60.02	28.92	-81.01	-2,229.92	-8,916.26	7,480.44	7,398.94	81.50	91.787		
7,700.00	6,840.00	6,824.96	6,712.89	61.90	28.92	-89.72	-2,229.93	-8,916.26	7,394.27	7,311.54	82.73	89.379		
7,800.00	6,840.00	6,825.01	6,712.93	63.83	28.93	-89.72	-2,229.93	-8,916.26	7,308.05	7,224.07	83.98	87.026		
7,900.00	6,840.00	6,825.05	6,712.98	65.81	28.93	-89.72	-2,229.93	-8,916.26	7,222.18	7,136.91	85.27	84.702		
8,000.00	6,840.00	6,825.10	6,713.02	67.84	28.93	-89.72	-2,229.93	-8,916.26	7,136.68	7,050.08	86.60	82.408		
8,100.00	6,840.00	6,825.14	6,713.07	69.91	28.93	-89.72	-2,229.93	-8,916.26	7,051.56	6,963.57	87.98	80.145		
8,200.00	6,840.00	6,825.18	6,713.11	72.03	28.93	-89.72	-2,229.93	-8,916.26	6,966.83	6,877.42	89.41	77.916		
8,300.00	6,840.00	6,825.23	6,713.15	74.18	28.93	-89.73	-2,229.93	-8,916.26	6,882.52	6,791.63	90.89	75.722		
8,400.00	6,840.00	6,825.27	6,713.20	76.37	28.93	-89.73	-2,229.93	-8,916.26	6,798.63	6,706.21	92.42	73.564		
8,500.00	6,840.00	6,825.31	6,713.24	78.59	28.93	-89.73	-2,229.93	-8,916.26	6,715.18	6,621.18	93.99	71.442		
8,600.00	6,840.00	6,825.35	6,713.28	80.85	28.93	-89.73	-2,229.93	-8,916.26	6,632.19	6,536.57	95.62	69.359		
8,700.00	6,840.00	6,825.40	6,713.32	83.13	28.93	-89.73	-2,229.93	-8,916.26	6,549.67	6,452.37	97.30	67.316		
8,800.00	6,840.00	6,825.44	6,713.36	85.44	28.93	-89.73	-2,229.93	-8,916.26	6,467.65	6,368.62	99.03	65.312		
8,900.00	6,840.00	6,825.48	6,713.41	87.77	28.93	-89.73	-2,229.93	-8,916.26	6,386.14	6,285.33	100.81	63.348		
9,000.00	6,840.00	6,825.52	6,713.45	90.12	28.93	-89.73	-2,229.93	-8,916.26	6,305.16	6,202.52	102.65	61.427		
9,100.00	6,840.00	6,825.56	6,713.49	92.50	28.93	-89.73	-2,229.93	-8,916.26	6,224.74	6,120.20	104.54	59.546		
9,200.00	6,840.00	6,825.61	6,713.53	94.89	28.93	-89.73	-2,229.93	-8,916.26	6,144.89	6,038.41	106.48	57.709		
9,300.00	6,840.00	6,825.65	6,713.57	97.30	28.93	-89.73	-2,229.93	-8,916.26	6,065.64	5,957.15	108.48	55.913		
9,400.00	6,840.00	6,825.69	6,713.61	99.73	28.93	-89.73	-2,229.93	-8,916.26	5,987.01	5,876.47	110.54	54.161		
9,500.00	6,840.00	6,825.73	6,713.65	102.17	28.93	-89.73	-2,229.93	-8,916.26	5,909.02	5,796.36	112.66	52.451		
9,600.00	6,840.00	6,825.77	6,713.69	104.63	28.93	-89.73	-2,229.93	-8,916.26	5,831.71	5,716.88	114.83	50.784		
9,700.00	6,840.00	6,825.81	6,713.73	107.10	28.93	-89.73	-2,229.93	-8,916.26	5,755.10	5,638.03	117.07	49.161		
9,800.00	6,840.00	6,825.85	6,713.77	109.58	28.93	-89.73	-2,229.93	-8,916.26	5,679.21	5,559.85	119.36	47.580		
9,900.00	6,840.00	6,825.89	6,713.81	112.07	28.93	-89.74	-2,229.93	-8,916.26	5,604.08	5,482.37	121.71	46.043		
10,000.00	6,840.00	6,825.93	6,713.85	114.58	28.93	-89.74	-2,229.93	-8,916.26	5,529.74	5,405.61	124.13	44.548		
10,100.00	6,840.00	6,825.97	6,713.89	117.09	28.93	-89.74	-2,229.93	-8,916.26	5,456.22	5,329.61	126.60	43.096		
10,200.00	6,840.00	6,826.01	6,713.93	119.61	28.93	-89.74	-2,229.93	-8,916.26	5,383.55	5,254.41	129.14	41.687		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 16-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,826.05	6,713.97	122.14	28.93	-89.74	-2,229.93	-8,916.26	5,311.77	5,180.03	131.74	40.320		
10,400.00	6,840.00	6,826.09	6,714.01	124.68	28.93	-89.74	-2,229.93	-8,916.26	5,240.91	5,106.51	134.40	38.994		
10,500.00	6,840.00	6,826.12	6,714.05	127.23	28.93	-89.74	-2,229.93	-8,916.26	5,171.02	5,033.90	137.12	37.710		
10,600.00	6,840.00	6,826.16	6,714.09	129.78	28.93	-89.74	-2,229.93	-8,916.26	5,102.13	4,962.22	139.91	36.468		
10,700.00	6,840.00	6,826.20	6,714.13	132.35	28.93	-89.74	-2,229.93	-8,916.26	5,034.29	4,891.53	142.75	35.266		
10,800.00	6,840.00	6,826.24	6,714.17	134.91	28.93	-89.74	-2,229.93	-8,916.26	4,967.53	4,821.87	145.66	34.104		
10,900.00	6,840.00	6,826.28	6,714.20	137.49	28.93	-89.74	-2,229.93	-8,916.26	4,901.90	4,753.28	148.62	32.982		
11,000.00	6,840.00	6,826.32	6,714.24	140.07	28.93	-89.74	-2,229.93	-8,916.26	4,837.45	4,685.81	151.64	31.900		
11,100.00	6,840.00	6,826.35	6,714.28	142.65	28.93	-89.74	-2,229.93	-8,916.26	4,774.22	4,619.50	154.72	30.857		
11,200.00	6,840.00	6,826.39	6,714.32	145.24	28.93	-89.74	-2,229.93	-8,916.26	4,712.27	4,554.42	157.86	29.852		
11,300.00	6,840.00	6,826.43	6,714.36	147.83	28.93	-89.74	-2,229.93	-8,916.26	4,651.64	4,490.60	161.04	28.885		
11,400.00	6,840.00	6,826.47	6,714.39	150.43	28.93	-89.74	-2,229.93	-8,916.26	4,592.39	4,428.12	164.27	27.956		
11,500.00	6,840.00	6,826.50	6,714.43	153.04	28.93	-89.75	-2,229.93	-8,916.26	4,534.58	4,367.02	167.56	27.063		
11,600.00	6,840.00	6,826.54	6,714.47	155.64	28.93	-89.75	-2,229.93	-8,916.26	4,478.24	4,307.36	170.88	26.207		
11,700.00	6,840.00	6,826.58	6,714.50	158.26	28.93	-89.75	-2,229.94	-8,916.26	4,423.46	4,249.21	174.24	25.386		
11,800.00	6,840.00	6,826.61	6,714.54	160.87	28.93	-89.75	-2,229.94	-8,916.26	4,370.27	4,192.63	177.64	24.601		
11,900.00	6,840.00	6,826.65	6,714.58	163.49	28.93	-89.75	-2,229.94	-8,916.26	4,318.74	4,137.67	181.07	23.851		
12,000.00	6,840.00	6,826.69	6,714.61	166.11	28.93	-89.75	-2,229.94	-8,916.26	4,268.94	4,084.41	184.52	23.135		
12,100.00	6,840.00	6,826.72	6,714.65	168.74	28.93	-89.75	-2,229.94	-8,916.26	4,220.92	4,032.92	188.00	22.452		
12,200.00	6,840.00	6,826.76	6,714.69	171.37	28.93	-89.75	-2,229.94	-8,916.26	4,174.74	3,983.26	191.48	21.803		
12,300.00	6,840.00	6,826.80	6,714.72	174.00	28.93	-89.75	-2,229.94	-8,916.26	4,130.46	3,935.50	194.97	21.186		
12,400.00	6,840.00	6,826.83	6,714.76	176.63	28.93	-89.75	-2,229.94	-8,916.26	4,088.15	3,889.70	198.45	20.600		
12,500.00	6,840.00	6,826.87	6,714.79	179.27	28.93	-89.75	-2,229.94	-8,916.26	4,047.88	3,845.95	201.92	20.046		
12,600.00	6,840.00	6,826.90	6,714.83	181.91	28.93	-89.75	-2,229.94	-8,916.26	4,009.69	3,804.31	205.38	19.523		
12,700.00	6,840.00	6,826.94	6,714.86	184.55	28.93	-89.75	-2,229.94	-8,916.26	3,973.65	3,764.84	208.80	19.030		
12,800.00	6,840.00	6,826.97	6,714.90	187.19	28.93	-89.75	-2,229.94	-8,916.26	3,939.82	3,727.63	212.19	18.567		
12,900.00	6,840.00	6,827.01	6,714.93	189.84	28.93	-89.75	-2,229.94	-8,916.26	3,908.26	3,692.72	215.53	18.133		
13,000.00	6,840.00	6,827.04	6,714.97	192.48	28.93	-89.75	-2,229.94	-8,916.26	3,879.01	3,660.20	218.81	17.727		
13,100.00	6,840.00	6,827.08	6,715.00	195.13	28.93	-89.75	-2,229.94	-8,916.26	3,852.15	3,630.12	222.03	17.350		
13,200.00	6,840.00	6,827.11	6,715.04	197.79	28.93	-89.75	-2,229.94	-8,916.26	3,827.71	3,602.54	225.17	16.999		
13,300.00	6,840.00	6,827.15	6,715.07	200.44	28.93	-89.75	-2,229.94	-8,916.26	3,805.74	3,577.52	228.21	16.676		
13,400.00	6,840.00	6,827.18	6,715.11	203.10	28.93	-89.76	-2,229.94	-8,916.26	3,786.28	3,555.11	231.17	16.379		
13,500.00	6,840.00	6,827.21	6,715.14	205.75	28.93	-89.76	-2,229.94	-8,916.26	3,769.38	3,535.37	234.01	16.108		
13,600.00	6,840.00	6,827.25	6,715.17	208.41	28.93	-89.76	-2,229.94	-8,916.26	3,755.06	3,518.33	236.73	15.862		
13,700.00	6,840.00	6,827.28	6,715.21	211.07	28.93	-89.76	-2,229.94	-8,916.26	3,743.37	3,504.03	239.33	15.641		
13,800.00	6,840.00	6,827.32	6,715.24	213.74	28.93	-89.76	-2,229.94	-8,916.26	3,734.31	3,492.51	241.80	15.444		
13,900.00	6,840.00	6,827.35	6,715.27	216.40	28.93	-89.76	-2,229.94	-8,916.26	3,727.92	3,483.79	244.13	15.270		
14,000.00	6,840.00	6,827.38	6,715.31	219.06	28.93	-89.76	-2,229.94	-8,916.26	3,724.20	3,477.90	246.31	15.120		
14,088.54	6,840.00	6,827.41	6,715.34	221.42	28.93	-89.76	-2,229.94	-8,916.26	3,723.15	3,475.04	248.11	15.006 CC		
14,100.00	6,840.00	6,827.42	6,715.34	221.73	28.93	-89.76	-2,229.94	-8,916.26	3,723.17	3,474.84	248.33	14.993		
14,200.00	6,840.00	6,827.45	6,715.37	224.40	28.93	-89.76	-2,229.94	-8,916.26	3,724.82	3,474.62	250.20	14.888 ES		
14,300.00	6,840.00	6,827.48	6,715.41	227.07	28.93	-89.76	-2,229.94	-8,916.26	3,729.15	3,477.25	251.90	14.804		
14,400.00	6,840.00	6,827.51	6,715.44	229.74	28.93	-89.76	-2,229.94	-8,916.26	3,736.15	3,482.71	253.45	14.741		
14,500.00	6,840.00	6,827.55	6,715.47	232.41	28.93	-89.76	-2,229.94	-8,916.26	3,745.81	3,490.99	254.82	14.700		
14,600.00	6,840.00	6,827.58	6,715.51	235.08	28.93	-89.76	-2,229.94	-8,916.26	3,758.11	3,502.08	256.03	14.678		
14,700.00	6,840.00	6,827.61	6,715.54	237.75	28.93	-89.76	-2,229.94	-8,916.26	3,773.02	3,515.94	257.08	14.676 SF		
14,800.00	6,840.00	6,827.64	6,715.57	240.43	28.93	-89.76	-2,229.94	-8,916.26	3,790.51	3,532.55	257.97	14.694		
14,900.00	6,840.00	6,827.68	6,715.60	243.10	28.93	-89.76	-2,229.94	-8,916.26	3,810.55	3,551.86	258.69	14.730		
15,000.00	6,840.00	6,827.71	6,715.63	245.78	28.93	-89.76	-2,229.94	-8,916.26	3,833.09	3,573.83	259.26	14.785		
15,100.00	6,840.00	6,827.74	6,715.67	248.46	28.93	-89.76	-2,229.94	-8,916.26	3,858.09	3,598.42	259.68	14.857		
15,200.00	6,840.00	6,827.77	6,715.70	251.14	28.93	-89.76	-2,229.94	-8,916.26	3,885.51	3,625.56	259.94	14.947		
15,300.00	6,840.00	6,827.80	6,715.73	253.82	28.93	-89.77	-2,229.94	-8,916.26	3,915.29	3,655.21	260.07	15.055		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 16-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,827.83	6,715.76	256.50	28.93	-89.77	-2,229.94	-8,916.26	3,947.37	3,687.31	260.07	15.178		
15,500.00	6,840.00	6,827.87	6,715.79	259.18	28.93	-89.77	-2,229.94	-8,916.26	3,981.71	3,721.78	259.93	15.318		
15,600.00	6,840.00	6,827.90	6,715.82	261.86	28.93	-89.77	-2,229.94	-8,916.26	4,018.25	3,758.57	259.68	15.474		
15,700.00	6,840.00	6,827.93	6,715.85	264.54	28.93	-89.77	-2,229.94	-8,916.26	4,056.92	3,797.61	259.31	15.645		
15,800.00	6,840.00	6,827.96	6,715.89	267.23	28.93	-89.77	-2,229.94	-8,916.26	4,097.67	3,838.84	258.83	15.831		
15,900.00	6,840.00	6,827.99	6,715.92	269.91	28.93	-89.77	-2,229.94	-8,916.26	4,140.44	3,882.18	258.26	16.032		
16,000.00	6,840.00	6,828.02	6,715.95	272.59	28.93	-89.77	-2,229.94	-8,916.26	4,185.15	3,927.56	257.59	16.247		
16,100.00	6,840.00	6,828.05	6,715.98	275.28	28.93	-89.77	-2,229.94	-8,916.26	4,231.76	3,974.92	256.84	16.476		
16,200.00	6,840.00	6,828.08	6,716.01	277.97	28.93	-89.77	-2,229.94	-8,916.26	4,280.20	4,024.18	256.01	16.719		
16,300.00	6,840.00	6,828.11	6,716.04	280.65	28.93	-89.77	-2,229.94	-8,916.26	4,330.40	4,075.29	255.11	16.974		
16,400.00	6,840.00	6,828.14	6,716.07	283.34	28.93	-89.77	-2,229.94	-8,916.26	4,382.31	4,128.16	254.15	17.243		
16,500.00	6,840.00	6,828.17	6,716.10	286.03	28.93	-89.77	-2,229.94	-8,916.26	4,435.87	4,182.74	253.13	17.524		
16,600.00	6,840.00	6,828.20	6,716.13	288.72	28.93	-89.77	-2,229.94	-8,916.26	4,491.02	4,238.96	252.06	17.817		
16,700.00	6,840.00	6,828.23	6,716.16	291.41	28.93	-89.77	-2,229.94	-8,916.26	4,547.70	4,296.75	250.94	18.122		
16,800.00	6,840.00	6,828.26	6,716.19	294.10	28.93	-89.77	-2,229.94	-8,916.26	4,605.85	4,356.06	249.79	18.439		
16,900.00	6,840.00	6,828.29	6,716.22	296.79	28.93	-89.77	-2,229.94	-8,916.26	4,665.42	4,416.82	248.59	18.767		
17,000.00	6,840.00	6,828.32	6,716.25	299.48	28.93	-89.77	-2,229.94	-8,916.26	4,726.35	4,478.98	247.37	19.106		
17,100.00	6,840.00	6,828.35	6,716.28	302.17	28.93	-89.77	-2,229.94	-8,916.26	4,788.60	4,542.47	246.13	19.456		
17,200.00	6,840.00	6,828.38	6,716.31	304.86	28.93	-89.77	-2,229.94	-8,916.26	4,852.11	4,607.25	244.86	19.816		
17,300.00	6,840.00	6,828.41	6,716.34	307.56	28.93	-89.77	-2,229.94	-8,916.26	4,916.84	4,673.26	243.58	20.186		
17,400.00	6,840.00	6,828.44	6,716.36	310.25	28.93	-89.77	-2,229.94	-8,916.26	4,982.73	4,740.45	242.28	20.566		
17,500.00	6,840.00	6,828.47	6,716.39	312.94	28.93	-89.78	-2,229.94	-8,916.26	5,049.74	4,808.77	240.97	20.956		
17,600.00	6,840.00	6,828.50	6,716.42	315.64	28.94	-89.78	-2,229.94	-8,916.26	5,117.83	4,878.17	239.66	21.355		
17,700.00	6,840.00	6,828.52	6,716.45	318.33	28.94	-89.78	-2,229.94	-8,916.26	5,186.95	4,948.61	238.34	21.763		
17,800.00	6,840.00	6,828.55	6,716.48	321.03	28.94	-89.78	-2,229.94	-8,916.26	5,257.07	5,020.05	237.02	22.180		
17,900.00	6,840.00	6,828.58	6,716.51	323.72	28.94	-89.78	-2,229.94	-8,916.26	5,328.14	5,092.43	235.70	22.605		
18,000.00	6,840.00	6,828.61	6,716.54	326.42	28.94	-89.78	-2,229.94	-8,916.26	5,400.12	5,165.74	234.39	23.039		
18,100.00	6,840.00	6,828.64	6,716.56	329.11	28.94	-89.78	-2,229.94	-8,916.26	5,472.99	5,239.92	233.07	23.482		
18,200.00	6,840.00	6,828.67	6,716.59	331.81	28.94	-89.78	-2,229.94	-8,916.26	5,546.70	5,314.93	231.77	23.932		
18,300.00	6,840.00	6,828.69	6,716.62	334.51	28.94	-89.78	-2,229.94	-8,916.26	5,621.23	5,390.76	230.47	24.390		
18,400.00	6,840.00	6,828.72	6,716.65	337.20	28.94	-89.78	-2,229.94	-8,916.26	5,696.53	5,467.35	229.18	24.856		
18,500.00	6,840.00	6,828.75	6,716.68	339.90	28.94	-89.78	-2,229.94	-8,916.26	5,772.59	5,544.68	227.91	25.329		
18,600.00	6,840.00	6,828.78	6,716.70	342.60	28.94	-89.78	-2,229.94	-8,916.26	5,849.37	5,622.73	226.64	25.809		
18,700.00	6,840.00	6,828.81	6,716.73	345.30	28.94	-89.78	-2,229.94	-8,916.26	5,926.84	5,701.45	225.38	26.297		
18,800.00	6,840.00	6,828.83	6,716.76	348.00	28.94	-89.78	-2,229.94	-8,916.26	6,004.97	5,780.83	224.14	26.791		
18,900.00	6,840.00	6,828.86	6,716.79	350.70	28.94	-89.78	-2,229.94	-8,916.26	6,083.75	5,860.83	222.92	27.292		
19,000.00	6,840.00	6,828.89	6,716.81	353.39	28.94	-89.78	-2,229.94	-8,916.26	6,163.14	5,941.43	221.70	27.799		
19,100.00	6,840.00	6,828.92	6,716.84	356.09	28.94	-89.78	-2,229.94	-8,916.26	6,243.12	6,022.61	220.51	28.313		
19,200.00	6,840.00	6,828.94	6,716.87	358.79	28.94	-89.78	-2,229.95	-8,916.26	6,323.67	6,104.35	219.33	28.832		
19,300.00	6,840.00	6,828.97	6,716.90	361.49	28.94	-89.78	-2,229.95	-8,916.26	6,404.77	6,186.61	218.16	29.358		
19,400.00	6,840.00	6,829.00	6,716.92	364.20	28.94	-89.78	-2,229.95	-8,916.26	6,486.40	6,269.39	217.01	29.890		
19,500.00	6,840.00	6,829.02	6,716.95	366.90	28.94	-89.78	-2,229.95	-8,916.26	6,568.54	6,352.66	215.87	30.428		
19,600.00	6,840.00	6,829.05	6,716.98	369.60	28.94	-89.78	-2,229.95	-8,916.26	6,651.17	6,436.41	214.76	30.971		
19,700.00	6,840.00	6,829.08	6,717.00	372.30	28.94	-89.78	-2,229.95	-8,916.26	6,734.26	6,520.61	213.66	31.519		
19,800.00	6,840.00	6,829.10	6,717.03	375.00	28.94	-89.78	-2,229.95	-8,916.26	6,817.81	6,605.24	212.57	32.073		
19,900.00	6,840.00	6,829.13	6,717.06	377.70	28.94	-89.79	-2,229.95	-8,916.26	6,901.80	6,690.30	211.51	32.632		
20,000.00	6,840.00	6,829.16	6,717.08	380.40	28.94	-89.79	-2,229.95	-8,916.26	6,986.21	6,775.76	210.45	33.196		
20,100.00	6,840.00	6,829.18	6,717.11	383.11	28.94	-89.79	-2,229.95	-8,916.26	7,071.03	6,861.61	209.42	33.765		
20,200.00	6,840.00	6,829.21	6,717.13	385.81	28.94	-89.79	-2,229.95	-8,916.26	7,156.24	6,947.84	208.40	34.338		
20,300.00	6,840.00	6,829.23	6,717.16	388.51	28.94	-89.79	-2,229.95	-8,916.26	7,241.83	7,034.42	207.40	34.917		
20,400.00	6,840.00	6,829.26	6,717.19	391.22	28.94	-89.79	-2,229.95	-8,916.26	7,327.78	7,121.36	206.42	35.500		
20,500.00	6,840.00	6,829.29	6,717.21	393.92	28.94	-89.79	-2,229.95	-8,916.26	7,414.08	7,208.63	205.45	36.087		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		SEC 26-T4N-R65W - EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVEY										<b>Offset Site Error:</b>	0.00 usft
Survey Program:		16-MWD OWSG										<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,829.30	6,717.22	394.99	28.94	-89.79	-2,229.95	-8,916.26	7,448.44	7,243.37	205.07	36.322	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 82-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-118.58	-2,826.46	-5,188.98	5,909.13					
100.00	100.00	48.43	48.43	0.13	0.06	-118.58	-2,826.48	-5,188.93	5,908.81	5,908.62	0.19	N/A		
200.00	200.00	157.79	157.79	0.49	0.36	-118.58	-2,826.59	-5,188.60	5,908.59	5,907.73	0.86	6,891.607		
275.52	275.52	216.52	216.52	0.76	0.57	-118.58	-2,826.57	-5,188.47	5,908.45	5,907.11	1.33	4,432.944		
300.00	300.00	233.23	233.23	0.85	0.63	-118.58	-2,826.56	-5,188.49	5,908.46	5,906.98	1.48	3,997.393		
400.00	400.00	336.00	336.00	1.21	0.98	-118.58	-2,826.52	-5,188.81	5,908.73	5,906.54	2.19	2,696.016		
500.00	500.00	455.73	455.72	1.57	1.40	-118.58	-2,826.75	-5,188.53	5,908.61	5,905.63	2.97	1,987.574		
600.00	599.98	535.47	535.46	1.92	1.69	-64.00	-2,826.95	-5,188.34	5,907.75	5,904.14	3.61	1,636.255		
700.00	699.84	671.31	671.31	2.28	2.17	-64.12	-2,827.43	-5,187.88	5,905.36	5,900.91	4.45	1,327.434		
800.00	799.45	788.28	788.27	2.65	2.58	-64.29	-2,827.43	-5,186.85	5,900.76	5,895.54	5.23	1,129.117		
900.00	898.70	868.46	868.45	3.02	2.87	-64.48	-2,827.13	-5,186.38	5,894.77	5,888.89	5.88	1,002.178		
1,000.00	997.47	947.24	947.23	3.42	3.15	-64.72	-2,827.11	-5,186.18	5,887.74	5,881.19	6.55	898.957		
1,100.00	1,095.62	1,084.94	1,084.93	3.84	3.63	-65.11	-2,826.91	-5,185.44	5,878.96	5,871.51	7.45	789.228		
1,200.00	1,193.06	1,201.08	1,201.06	4.30	4.05	-65.54	-2,826.43	-5,184.40	5,868.36	5,860.06	8.30	707.194		
1,300.00	1,289.64	1,300.37	1,300.34	4.79	4.40	-66.00	-2,826.12	-5,183.23	5,856.22	5,847.10	9.12	642.023		
1,400.00	1,385.27	1,451.44	1,451.38	5.33	4.94	-66.67	-2,826.20	-5,179.94	5,842.03	5,831.86	10.17	574.508		
1,500.00	1,479.82	1,524.09	1,524.00	5.92	5.20	-67.19	-2,826.54	-5,178.07	5,826.60	5,815.62	10.98	530.603		
1,600.00	1,573.17	1,592.00	1,591.89	6.56	5.45	-67.72	-2,827.05	-5,176.61	5,810.46	5,798.63	11.83	491.346		
1,700.00	1,665.22	1,639.17	1,639.05	7.26	5.61	-68.18	-2,827.47	-5,175.88	5,793.77	5,781.12	12.65	458.058		
1,800.00	1,756.74	1,687.00	1,686.88	7.99	5.78	-68.36	-2,827.90	-5,175.48	5,777.45	5,763.94	13.51	427.686		
1,900.00	1,848.26	1,751.75	1,751.63	8.75	6.01	-68.61	-2,828.40	-5,175.44	5,761.92	5,747.48	14.44	399.012		
2,000.00	1,939.78	1,804.67	1,804.55	9.51	6.19	-68.81	-2,828.69	-5,175.85	5,747.16	5,731.81	15.35	374.515		
2,100.00	2,031.30	2,685.38	2,680.63	10.29	9.27	-71.76	-2,762.46	-5,162.68	5,728.87	5,709.90	18.97	302.031		
2,200.00	2,122.82	2,764.64	2,759.10	11.07	9.57	-72.02	-2,752.57	-5,157.49	5,702.33	5,682.33	19.99	285.223		
2,300.00	2,214.34	2,857.79	2,851.26	11.86	9.92	-72.32	-2,740.32	-5,151.69	5,675.86	5,654.79	21.07	269.347		
2,400.00	2,305.85	2,924.00	2,916.73	12.66	10.18	-72.53	-2,731.10	-5,148.16	5,649.86	5,627.78	22.08	255.921		
2,500.00	2,397.37	3,007.63	2,999.40	13.46	10.50	-72.80	-2,719.12	-5,144.22	5,624.28	5,601.14	23.15	242.996		
2,600.00	2,488.89	3,080.89	3,071.83	14.26	10.79	-73.03	-2,708.60	-5,140.98	5,599.06	5,574.87	24.19	231.469		
2,700.00	2,580.41	3,161.77	3,151.80	15.07	11.10	-73.28	-2,697.00	-5,137.72	5,574.29	5,549.03	25.26	220.640		
2,800.00	2,671.93	3,240.03	3,229.21	15.88	11.41	-73.53	-2,685.87	-5,134.62	5,549.81	5,523.47	26.34	210.724		
2,900.00	2,763.45	3,307.34	3,295.85	16.69	11.67	-73.75	-2,676.78	-5,131.96	5,525.85	5,498.47	27.38	201.819		
3,000.00	2,854.97	3,377.53	3,365.42	17.51	11.95	-73.98	-2,667.83	-5,129.18	5,502.45	5,474.01	28.44	193.494		
3,100.00	2,946.49	3,629.12	3,614.54	18.32	12.95	-74.86	-2,636.00	-5,114.58	5,477.55	5,447.49	30.06	182.227		
3,200.00	3,038.00	3,767.55	3,751.41	19.14	13.51	-75.37	-2,618.54	-5,103.43	5,451.45	5,420.13	31.33	174.020		
3,300.00	3,129.52	3,828.53	3,811.68	19.96	13.75	-75.60	-2,610.61	-5,098.65	5,425.56	5,393.19	32.37	167.612		
3,400.00	3,221.04	3,870.00	3,852.67	20.77	13.92	-75.75	-2,604.99	-5,095.83	5,400.46	5,367.10	33.36	161.890		
3,500.00	3,312.56	3,917.11	3,899.25	21.59	14.12	-75.91	-2,598.35	-5,093.34	5,376.33	5,341.96	34.37	156.424		
3,600.00	3,404.08	3,964.00	3,945.59	22.42	14.31	-76.06	-2,591.43	-5,091.85	5,353.37	5,317.99	35.38	151.296		
3,700.00	3,495.60	3,997.03	3,978.25	23.24	14.44	-76.17	-2,586.45	-5,091.29	5,331.45	5,295.10	36.36	146.639		
3,800.00	3,587.12	4,059.00	4,039.52	24.06	14.69	-76.36	-2,577.20	-5,090.94	5,310.63	5,273.21	37.42	141.905		
3,900.00	3,678.63	4,139.67	4,119.29	24.88	15.01	-76.62	-2,565.25	-5,090.83	5,290.42	5,251.87	38.55	137.228		
4,000.00	3,770.15	4,267.29	4,245.49	25.71	15.53	-77.02	-2,546.24	-5,089.76	5,269.79	5,229.96	39.83	132.309		
4,100.00	3,861.67	4,348.14	4,325.42	26.53	15.86	-77.28	-2,534.11	-5,089.05	5,249.25	5,208.29	40.96	128.141		
4,200.00	3,953.19	4,559.16	4,534.07	27.35	16.73	-78.00	-2,503.09	-5,084.13	5,228.10	5,185.61	42.49	123.042		
4,300.00	4,044.71	4,700.02	4,673.36	28.18	17.31	-78.51	-2,483.37	-5,077.03	5,205.47	5,161.67	43.80	118.856		
4,400.00	4,136.23	4,769.90	4,742.45	29.01	17.60	-78.78	-2,473.61	-5,073.14	5,182.70	5,137.80	44.90	115.416		
4,500.00	4,227.75	4,833.19	4,805.05	29.83	17.87	-79.01	-2,464.76	-5,070.17	5,160.71	5,114.72	46.00	112.198		
4,600.00	4,319.27	4,919.76	4,890.72	30.66	18.22	-79.33	-2,452.95	-5,066.22	5,139.22	5,092.07	47.16	108.984		
4,700.00	4,410.78	5,029.57	4,999.42	31.48	18.68	-79.76	-2,438.46	-5,060.46	5,117.71	5,069.33	48.38	105.783		
4,800.00	4,502.30	5,112.16	5,081.17	32.31	19.02	-80.08	-2,427.53	-5,056.18	5,096.45	5,046.92	49.53	102.897		
4,900.00	4,593.82	5,215.84	5,183.80	33.14	19.45	-80.48	-2,413.90	-5,050.69	5,075.38	5,024.64	50.74	100.030		
5,000.00	4,685.34	5,288.00	5,255.23	33.96	19.75	-80.77	-2,404.56	-5,046.47	5,054.33	5,002.46	51.86	97.453		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 82-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	5,288.00	5,255.23	34.79	19.75	-80.77	-2,404.56	-5,046.47	5,034.77	4,981.98	52.79	95.367		
5,200.00	4,868.38	5,337.93	5,304.74	35.62	19.95	-80.97	-2,398.62	-5,044.08	5,016.05	4,962.19	53.86	93.137		
5,300.00	4,959.90	5,382.00	5,348.58	36.45	20.12	-81.15	-2,394.21	-5,043.10	4,999.46	4,944.55	54.90	91.062		
5,400.00	5,051.41	5,382.00	5,348.58	37.27	20.12	-81.15	-2,394.21	-5,043.10	4,983.96	4,928.15	55.81	89.301		
5,500.00	5,142.93	5,382.00	5,348.58	38.10	20.12	-81.15	-2,394.21	-5,043.10	4,970.44	4,913.73	56.71	87.653		
5,600.00	5,234.45	5,426.14	5,392.58	38.93	20.28	-81.33	-2,390.73	-5,042.95	4,958.09	4,900.36	57.73	85.882		
5,700.00	5,325.97	5,477.00	5,443.37	39.76	20.47	-81.54	-2,388.07	-5,043.54	4,947.81	4,889.04	58.78	84.182		
5,800.00	5,417.49	5,477.00	5,443.37	40.59	20.47	-81.54	-2,388.07	-5,043.54	4,938.48	4,878.84	59.64	82.805		
5,900.00	5,509.01	5,514.02	5,480.37	41.42	20.59	-81.70	-2,386.98	-5,044.13	4,930.87	4,870.26	60.61	81.348		
6,000.00	5,600.53	5,571.00	5,537.34	42.25	20.77	-81.96	-2,386.52	-5,044.54	4,924.45	4,862.80	61.65	79.872		
6,100.00	5,692.04	5,674.76	5,641.10	43.07	21.11	-82.44	-2,386.77	-5,044.55	4,918.66	4,855.81	62.85	78.256		
6,200.00	5,783.56	5,753.60	5,719.94	43.90	21.36	-82.81	-2,386.78	-5,044.55	4,913.02	4,849.05	63.97	76.804		
6,300.00	5,875.08	5,841.54	5,807.88	44.73	21.64	-83.22	-2,386.81	-5,044.69	4,907.82	4,842.71	65.11	75.379		
6,400.00	5,966.60	5,936.58	5,902.92	45.56	21.94	-83.66	-2,386.83	-5,044.86	4,902.94	4,836.67	66.28	73.978		
6,500.00	6,058.12	6,032.29	5,998.63	46.39	22.26	-84.11	-2,386.80	-5,044.97	4,898.32	4,830.87	67.45	72.621		
6,600.00	6,149.64	6,122.98	6,089.32	47.22	22.55	-84.54	-2,386.76	-5,045.03	4,893.98	4,825.37	68.61	71.331		
6,700.00	6,241.16	6,209.75	6,176.09	48.05	22.83	-84.94	-2,386.71	-5,045.18	4,890.02	4,820.28	69.75	70.108		
6,800.00	6,332.68	6,305.58	6,271.92	48.88	23.14	-85.39	-2,386.70	-5,045.34	4,886.43	4,815.51	70.92	68.899		
6,900.00	6,424.19	6,327.00	6,293.34	49.71	23.21	-85.49	-2,386.69	-5,045.37	4,883.60	4,811.78	71.82	67.998		
7,000.00	6,514.88	6,385.03	6,351.35	50.58	23.40	-79.81	-2,386.35	-5,046.75	4,880.19	4,807.31	72.88	66.959		
7,100.00	6,599.14	6,421.00	6,387.25	51.67	23.52	-73.60	-2,385.87	-5,048.92	4,868.20	4,794.12	74.08	65.717		
7,200.00	6,673.85	6,421.00	6,387.25	53.01	23.52	-71.07	-2,385.87	-5,048.92	4,846.67	4,771.32	75.35	64.320		
7,300.00	6,736.73	6,421.00	6,387.25	54.56	23.52	-70.99	-2,385.87	-5,048.92	4,816.52	4,739.70	76.82	62.697		
7,400.00	6,785.87	6,459.88	6,425.90	56.29	23.64	-73.18	-2,385.17	-5,052.93	4,777.73	4,699.10	78.64	60.757		
7,500.00	6,819.79	6,469.53	6,435.46	58.13	23.67	-76.74	-2,384.98	-5,054.28	4,732.43	4,652.00	80.44	58.834		
7,600.00	6,837.44	6,476.41	6,442.26	60.02	23.69	-81.72	-2,384.83	-5,055.32	4,681.53	4,599.24	82.29	56.893		
7,700.00	6,840.00	6,480.46	6,446.26	61.90	23.71	-85.04	-2,384.74	-5,055.97	4,626.92	4,542.79	84.13	54.997		
7,800.00	6,840.00	6,516.00	6,481.14	63.83	23.82	-85.56	-2,383.92	-5,062.67	4,573.54	4,487.36	86.18	53.072		
7,900.00	6,840.00	6,516.00	6,481.14	65.81	23.82	-85.56	-2,383.92	-5,062.67	4,521.10	4,432.99	88.11	51.311		
8,000.00	6,840.00	6,516.00	6,481.14	67.84	23.82	-85.56	-2,383.92	-5,062.67	4,470.29	4,380.18	90.11	49.612		
8,100.00	6,840.00	6,516.00	6,481.14	69.91	23.82	-85.56	-2,383.92	-5,062.67	4,421.16	4,329.00	92.15	47.977		
8,200.00	6,840.00	6,516.00	6,481.14	72.03	23.82	-85.56	-2,383.92	-5,062.67	4,373.76	4,279.51	94.25	46.406		
8,300.00	6,840.00	6,516.00	6,481.14	74.18	23.82	-85.56	-2,383.92	-5,062.67	4,328.15	4,231.76	96.40	44.900		
8,400.00	6,840.00	6,516.00	6,481.14	76.37	23.82	-85.56	-2,383.92	-5,062.67	4,284.39	4,185.81	98.58	43.459		
8,500.00	6,840.00	6,516.00	6,481.14	78.59	23.82	-85.56	-2,383.92	-5,062.67	4,242.54	4,141.73	100.81	42.084		
8,600.00	6,840.00	6,516.00	6,481.14	80.85	23.82	-85.56	-2,383.92	-5,062.67	4,202.66	4,099.58	103.07	40.773		
8,700.00	6,840.00	6,516.00	6,481.14	83.13	23.82	-85.56	-2,383.92	-5,062.67	4,164.79	4,059.42	105.37	39.527		
8,800.00	6,840.00	6,516.00	6,481.14	85.44	23.82	-85.56	-2,383.92	-5,062.67	4,128.99	4,021.31	107.68	38.344		
8,900.00	6,840.00	6,516.00	6,481.14	87.77	23.82	-85.56	-2,383.92	-5,062.67	4,095.33	3,985.31	110.02	37.223		
9,000.00	6,840.00	6,516.00	6,481.14	90.12	23.82	-85.56	-2,383.92	-5,062.67	4,063.85	3,951.48	112.37	36.164		
9,100.00	6,840.00	6,516.00	6,481.14	92.50	23.82	-85.56	-2,383.92	-5,062.67	4,034.60	3,919.87	114.73	35.166		
9,200.00	6,840.00	6,516.00	6,481.14	94.89	23.82	-85.56	-2,383.92	-5,062.67	4,007.63	3,890.54	117.09	34.227		
9,300.00	6,840.00	6,553.16	6,517.24	97.30	23.92	-86.09	-2,383.49	-5,071.45	3,982.14	3,862.46	119.68	33.273		
9,400.00	6,840.00	6,558.47	6,522.37	99.73	23.93	-86.17	-2,383.51	-5,072.84	3,959.63	3,837.56	122.07	32.439		
9,500.00	6,840.00	6,564.03	6,527.73	102.17	23.95	-86.25	-2,383.56	-5,074.32	3,939.49	3,815.06	124.44	31.658		
9,600.00	6,840.00	6,569.87	6,533.35	104.63	23.96	-86.33	-2,383.63	-5,075.91	3,921.77	3,794.98	126.79	30.931		
9,700.00	6,840.00	6,610.00	6,571.62	107.10	24.08	-86.90	-2,384.77	-5,087.91	3,907.15	3,777.80	129.35	30.207		
9,800.00	6,840.00	6,610.00	6,571.62	109.58	24.08	-86.90	-2,384.77	-5,087.91	3,894.08	3,762.48	131.61	29.589		
9,900.00	6,840.00	6,610.00	6,571.62	112.07	24.08	-86.90	-2,384.77	-5,087.91	3,883.55	3,749.73	133.83	29.020		
10,000.00	6,840.00	6,610.00	6,571.62	114.58	24.08	-86.90	-2,384.77	-5,087.91	3,875.57	3,739.57	136.00	28.497		
10,100.00	6,840.00	6,610.00	6,571.62	117.09	24.08	-86.90	-2,384.77	-5,087.91	3,870.16	3,732.04	138.12	28.021		
10,200.00	6,840.00	6,610.00	6,571.62	119.61	24.08	-86.90	-2,384.77	-5,087.91	3,867.33	3,727.15	140.18	27.589		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 82-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,259.55	6,840.00	6,610.00	6,571.62	121.12	24.08	-86.90	-2,384.77	-5,087.91	3,866.87	3,725.49	141.38	27.352	CC	
10,300.00	6,840.00	6,610.00	6,571.62	122.14	24.08	-86.90	-2,384.77	-5,087.91	3,867.08	3,724.91	142.18	27.199		
10,400.00	6,840.00	6,610.00	6,571.62	124.68	24.08	-86.90	-2,384.77	-5,087.91	3,869.42	3,725.32	144.10	26.851		
10,500.00	6,840.00	6,610.00	6,571.62	127.23	24.08	-86.90	-2,384.77	-5,087.91	3,874.34	3,728.38	145.96	26.543		
10,600.00	6,840.00	6,651.17	6,610.08	129.78	24.17	-87.47	-2,387.13	-5,102.40	3,881.11	3,733.00	148.10	26.205		
10,700.00	6,840.00	6,663.27	6,621.17	132.35	24.19	-87.63	-2,388.04	-5,107.13	3,890.72	3,740.79	149.93	25.950		
10,800.00	6,840.00	7,509.44	6,982.40	134.91	30.24	-92.97	-2,405.54	-5,809.53	3,894.55	3,730.58	163.96	23.753		
10,900.00	6,840.00	7,556.00	6,982.65	137.49	30.96	-92.97	-2,403.36	-5,856.04	3,890.47	3,723.43	167.04	23.290		
11,000.00	6,840.00	7,620.02	6,982.99	140.07	32.06	-92.98	-2,401.10	-5,920.02	3,887.50	3,716.94	170.56	22.793		
11,100.00	6,840.00	7,651.00	6,983.19	142.65	32.59	-92.98	-2,400.33	-5,950.98	3,885.86	3,712.55	173.31	22.422		
11,161.36	6,840.00	7,689.81	6,983.44	144.24	33.29	-92.99	-2,399.82	-5,989.79	3,885.47	3,709.98	175.48	22.141		
11,200.00	6,840.00	7,704.24	6,983.53	145.24	33.55	-92.99	-2,399.80	-6,004.22	3,885.59	3,708.99	176.60	22.002		
11,300.00	6,840.00	7,745.00	6,983.79	147.83	34.29	-92.99	-2,400.22	-6,044.98	3,887.02	3,707.46	179.56	21.647		
11,400.00	6,840.00	7,797.52	6,984.13	150.43	35.30	-93.00	-2,401.48	-6,097.48	3,889.84	3,707.00	182.85	21.274		
11,500.00	6,840.00	7,860.79	6,984.54	153.04	36.53	-93.00	-2,403.67	-6,160.71	3,893.73	3,707.32	186.42	20.887		
11,600.00	6,840.00	7,934.00	6,985.04	155.64	37.99	-93.00	-2,406.67	-6,233.86	3,898.32	3,708.03	190.29	20.486		
11,700.00	6,840.00	8,011.24	6,985.44	158.26	39.59	-93.01	-2,410.33	-6,311.01	3,903.54	3,709.20	194.34	20.086		
11,800.00	6,840.00	8,125.57	6,985.70	160.87	42.02	-93.01	-2,416.13	-6,425.19	3,909.06	3,709.52	199.55	19.590		
11,900.00	6,840.00	8,562.67	6,986.60	163.49	52.06	-93.01	-2,420.94	-6,862.05	3,912.81	3,698.30	214.51	18.241		
12,000.00	6,840.00	8,634.38	6,986.85	166.11	53.79	-93.02	-2,418.40	-6,933.71	3,909.74	3,690.99	218.75	17.873		
12,100.00	6,840.00	8,703.13	6,987.12	168.74	55.46	-93.02	-2,416.50	-7,002.44	3,907.45	3,684.54	222.90	17.530		
12,200.00	6,840.00	8,785.00	6,987.43	171.37	57.46	-93.03	-2,414.97	-7,084.29	3,905.99	3,678.54	227.45	17.173		
12,300.00	6,840.00	8,834.16	6,987.59	174.00	58.67	-93.03	-2,414.48	-7,133.45	3,905.33	3,674.32	231.00	16.906		
12,400.00	6,840.00	12,400.00	6,987.58	176.63	147.23	-93.03	-2,413.88	-7,242.55	3,905.23	3,583.04	322.19	12.121		
12,500.00	6,840.00	9,083.90	6,987.43	179.27	64.88	-93.03	-2,411.62	-7,383.16	3,903.93	3,661.10	242.83	16.077		
12,600.00	6,840.00	9,170.29	6,987.58	181.91	67.06	-93.03	-2,410.19	-7,469.54	3,902.72	3,655.13	247.59	15.763		
12,700.00	6,840.00	9,269.89	6,987.74	184.55	69.59	-93.04	-2,408.62	-7,569.13	3,901.60	3,648.83	252.77	15.435		
12,800.00	6,840.00	9,337.96	6,987.79	187.19	71.32	-93.04	-2,407.89	-7,637.20	3,900.96	3,643.99	256.97	15.181		
12,830.55	6,840.00	9,359.80	6,987.80	188.00	71.87	-93.04	-2,407.77	-7,659.03	3,900.93	3,642.65	258.28	15.103		
12,900.00	6,840.00	9,414.34	6,987.85	189.84	73.27	-93.04	-2,407.64	-7,713.57	3,901.06	3,639.64	261.43	14.922		
13,000.00	6,840.00	9,476.06	6,988.02	192.48	74.85	-93.04	-2,407.81	-7,775.30	3,901.85	3,636.45	265.40	14.702		
13,100.00	6,840.00	9,541.00	6,988.42	195.13	76.51	-93.05	-2,408.92	-7,840.22	3,903.90	3,634.44	269.46	14.488		
13,200.00	6,840.00	9,646.69	6,989.03	197.79	79.22	-93.05	-2,411.15	-7,945.89	3,906.49	3,631.60	274.89	14.211		
13,300.00	6,840.00	9,774.66	6,989.43	200.44	82.53	-93.06	-2,412.58	-8,073.85	3,908.02	3,626.94	281.08	13.904		
13,400.00	6,840.00	9,887.54	6,990.00	203.10	85.46	-93.06	-2,413.61	-8,186.73	3,909.40	3,622.63	286.77	13.633		
13,500.00	6,840.00	10,016.47	6,990.84	205.75	88.81	-93.08	-2,413.87	-8,315.65	3,910.07	3,617.08	293.00	13.345		
13,600.00	6,840.00	10,184.97	6,992.01	208.41	93.22	-93.09	-2,412.52	-8,484.14	3,909.90	3,609.42	300.49	13.012		
13,700.00	6,840.00	10,342.19	6,992.76	211.07	97.36	-93.11	-2,407.65	-8,641.28	3,906.99	3,599.43	307.57	12.703		
13,800.00	6,840.00	10,422.40	6,993.32	213.74	99.47	-93.12	-2,405.27	-8,721.45	3,904.48	3,592.22	312.26	12.504		
13,900.00	6,840.00	10,527.74	6,994.19	216.40	102.25	-93.13	-2,402.11	-8,826.74	3,901.96	3,584.22	317.74	12.280		
14,000.00	6,840.00	10,580.00	6,994.62	219.06	103.64	-93.14	-2,400.57	-8,878.97	3,899.76	3,578.21	321.55	12.128		
14,096.72	6,840.00	10,626.21	6,994.99	221.64	104.86	-93.15	-2,399.78	-8,925.18	3,898.87	3,573.81	325.06	11.994		
14,100.00	6,840.00	10,627.29	6,995.00	221.73	104.88	-93.15	-2,399.78	-8,926.25	3,898.87	3,573.71	325.16	11.991		
14,200.00	6,840.00	10,675.00	6,995.38	224.40	106.14	-93.15	-2,400.17	-8,973.96	3,899.88	3,571.15	328.72	11.864		
14,300.00	6,840.00	10,715.45	6,995.72	227.07	107.21	-93.16	-2,401.09	-9,014.40	3,902.28	3,570.30	331.97	11.755		
14,400.00	6,840.00	10,791.62	6,996.39	229.74	109.22	-93.16	-2,403.20	-9,090.54	3,905.52	3,569.08	336.44	11.608		
14,500.00	6,840.00	14,500.00	6,997.42	232.41	207.29	-93.18	-2,406.92	-9,224.51	3,908.82	3,471.42	437.41	8.936		
14,600.00	6,840.00	11,120.87	6,998.68	235.08	117.93	-93.19	-2,408.30	-9,419.71	3,909.75	3,558.19	351.56	11.121		
14,700.00	6,840.00	11,192.25	6,999.02	237.75	119.83	-93.20	-2,408.20	-9,491.09	3,910.15	3,554.22	355.93	10.986		
14,800.00	6,840.00	11,265.21	6,999.46	240.43	121.77	-93.20	-2,409.03	-9,564.05	3,911.67	3,551.33	360.35	10.855		
14,900.00	6,840.00	14,900.00	7,000.22	243.10	218.64	-93.21	-2,408.78	-9,737.24	3,911.70	3,451.41	460.30	8.498		
14,903.88	6,840.00	11,430.00	7,000.19	243.21	126.15	-93.21	-2,408.84	-9,728.83	3,911.71	3,543.76	367.96	10.631		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 82-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,000.00	6,840.00	11,474.00	7,000.41	245.78	127.33	-93.22	-2,408.72	-9,772.83	3,912.20	3,540.87	371.34	10.535		
15,100.00	6,840.00	11,525.00	7,000.75	248.46	128.68	-93.22	-2,409.93	-9,823.81	3,914.65	3,539.68	374.97	10.440		
15,200.00	6,840.00	11,525.00	7,000.75	251.14	128.68	-93.22	-2,409.93	-9,823.81	3,918.60	3,541.96	376.64	10.404		
15,300.00	6,840.00	11,565.43	7,001.06	253.82	129.75	-93.22	-2,411.96	-9,864.18	3,924.38	3,544.70	379.68	10.336		
15,400.00	6,840.00	12,130.93	7,003.85	256.50	144.81	-93.26	-2,418.43	-10,428.78	3,929.66	3,528.96	400.70	9.807		
15,500.00	6,840.00	12,207.74	7,004.14	259.18	146.87	-93.26	-2,414.26	-10,505.48	3,924.73	3,519.32	405.41	9.681		
15,600.00	6,840.00	12,260.63	7,004.43	261.86	148.29	-93.27	-2,411.94	-10,558.32	3,920.82	3,511.42	409.40	9.577		
15,700.00	6,840.00	12,323.60	7,004.87	264.54	149.98	-93.28	-2,409.90	-10,621.25	3,918.03	3,504.39	413.65	9.472		
15,800.00	6,840.00	12,408.93	7,005.14	267.23	152.28	-93.28	-2,407.80	-10,706.56	3,916.01	3,497.44	418.56	9.356		
15,900.00	6,840.00	12,531.26	7,005.62	269.91	155.56	-93.29	-2,404.39	-10,828.84	3,913.67	3,489.05	424.62	9.217		
16,000.00	6,840.00	12,618.10	7,006.05	272.59	157.90	-93.30	-2,401.80	-10,915.64	3,911.18	3,481.58	429.59	9.104		
16,100.00	6,840.00	12,689.48	7,006.20	275.28	159.82	-93.30	-2,400.12	-10,987.00	3,909.28	3,475.21	434.07	9.006		
16,200.00	6,840.00	12,754.00	7,006.57	277.97	161.55	-93.31	-2,399.12	-11,051.51	3,908.22	3,469.91	438.30	8.917		
16,249.07	6,840.00	12,777.38	7,006.74	279.29	162.18	-93.31	-2,398.94	-11,074.89	3,908.08	3,467.99	440.09	8.880		
16,300.00	6,840.00	12,800.47	7,006.88	280.65	162.80	-93.31	-2,398.93	-11,097.98	3,908.30	3,466.41	441.89	8.845		
16,400.00	6,840.00	12,848.00	7,007.09	283.34	164.08	-93.32	-2,399.43	-11,145.50	3,909.78	3,464.35	445.43	8.777		
16,500.00	6,840.00	12,889.64	7,007.28	286.03	165.19	-93.32	-2,400.46	-11,187.13	3,912.67	3,464.00	448.68	8.721		
16,600.00	6,840.00	12,942.00	7,007.69	288.72	166.59	-93.32	-2,402.55	-11,239.45	3,917.03	3,464.79	452.23	8.662		
16,700.00	6,840.00	12,980.28	7,008.01	291.41	167.61	-93.32	-2,404.61	-11,277.67	3,922.73	3,467.58	455.16	8.618		
16,800.00	6,840.00	13,037.00	7,008.29	294.10	169.12	-93.33	-2,408.43	-11,334.26	3,929.81	3,471.07	458.74	8.567		
16,900.00	6,840.00	13,122.53	7,008.59	296.79	171.39	-93.32	-2,414.81	-11,419.54	3,937.69	3,474.19	463.49	8.496		
17,000.00	6,840.00	13,195.95	7,009.00	299.48	173.34	-93.32	-2,420.45	-11,492.75	3,945.83	3,478.11	467.72	8.436		
17,100.00	6,840.00	13,647.77	7,012.40	302.17	185.44	-93.36	-2,437.95	-11,943.95	3,951.18	3,464.83	486.35	8.124		
17,145.53	6,840.00	13,678.00	7,012.71	303.40	186.25	-93.36	-2,437.74	-11,974.18	3,951.09	3,462.79	488.30	8.091		
17,200.00	6,840.00	13,721.75	7,013.18	304.86	187.43	-93.37	-2,437.61	-12,017.93	3,951.19	3,460.31	490.88	8.049		
17,300.00	6,840.00	13,809.52	7,013.55	307.56	189.80	-93.37	-2,437.49	-12,105.69	3,951.53	3,455.68	495.85	7.969		
17,400.00	6,840.00	13,872.23	7,013.82	310.25	191.48	-93.38	-2,437.86	-12,168.40	3,952.58	3,452.62	499.96	7.906		
17,500.00	6,840.00	13,943.67	7,014.34	312.94	193.41	-93.38	-2,438.89	-12,239.83	3,954.49	3,450.16	504.33	7.841		
17,600.00	6,840.00	14,019.25	7,014.83	315.64	195.44	-93.39	-2,440.47	-12,315.39	3,957.06	3,448.23	508.83	7.777		
17,700.00	6,840.00	14,112.20	7,015.44	318.33	197.94	-93.40	-2,442.92	-12,408.31	3,960.15	3,446.20	513.96	7.705		
17,800.00	6,840.00	14,254.00	7,016.35	321.03	201.76	-93.41	-2,445.86	-12,550.08	3,962.71	3,441.86	520.85	7.608		
17,900.00	6,840.00	14,337.09	7,016.74	323.72	203.99	-93.41	-2,447.25	-12,633.16	3,964.85	3,439.22	525.63	7.543		
18,000.00	6,840.00	14,425.04	7,017.19	326.42	206.36	-93.41	-2,449.13	-12,721.08	3,967.45	3,436.87	530.58	7.478		
18,100.00	6,840.00	14,561.12	7,017.38	329.11	210.03	-93.41	-2,451.63	-12,857.14	3,969.74	3,432.48	537.26	7.389		
18,200.00	6,840.00	14,632.86	7,018.01	331.81	211.96	-93.42	-2,452.83	-12,928.86	3,971.90	3,430.26	541.64	7.333		
18,300.00	6,840.00	15,171.93	7,019.32	334.51	226.52	-93.46	-2,434.11	-13,467.04	3,968.83	3,409.18	559.66	7.092		
18,400.00	6,840.00	15,222.83	7,019.39	337.20	227.90	-93.46	-2,429.92	-13,517.76	3,960.99	3,397.02	563.97	7.023		
18,500.00	6,840.00	15,304.00	7,019.61	339.90	230.09	-93.47	-2,423.75	-13,598.70	3,953.87	3,384.94	568.93	6.950		
18,600.00	6,840.00	15,370.01	7,019.79	342.60	231.88	-93.47	-2,419.17	-13,664.55	3,947.42	3,373.91	573.51	6.883		
18,700.00	6,840.00	15,427.99	7,019.93	345.30	233.45	-93.48	-2,415.72	-13,722.43	3,941.94	3,364.10	577.84	6.822		
18,800.00	6,840.00	15,493.00	7,020.16	348.00	235.21	-93.48	-2,412.67	-13,787.37	3,937.64	3,355.33	582.30	6.762		
18,900.00	6,840.00	15,527.73	7,020.28	350.70	236.15	-93.49	-2,411.49	-13,822.07	3,934.52	3,348.68	585.84	6.716		
19,000.00	6,840.00	15,588.00	7,020.34	353.39	237.78	-93.49	-2,410.38	-13,882.33	3,932.94	3,342.91	590.03	6.666		
19,100.00	6,840.00	15,653.00	7,020.44	356.09	239.54	-93.49	-2,409.80	-13,947.33	3,932.33	3,338.01	594.32	6.617		
19,172.72	6,840.00	15,706.95	7,020.71	358.06	241.00	-93.50	-2,409.34	-14,001.27	3,932.08	3,334.45	597.63	6.580		
19,200.00	6,840.00	15,722.08	7,020.79	358.79	241.41	-93.50	-2,409.30	-14,016.40	3,932.12	3,333.43	598.69	6.568		
19,300.00	6,840.00	15,778.49	7,021.12	361.49	242.94	-93.50	-2,409.53	-14,072.82	3,933.00	3,330.41	602.58	6.527		
19,400.00	6,840.00	15,868.50	7,021.70	364.20	245.37	-93.51	-2,410.49	-14,162.82	3,934.54	3,326.92	607.62	6.475		
19,500.00	6,840.00	15,946.33	7,022.23	366.90	247.47	-93.51	-2,411.64	-14,240.64	3,936.49	3,324.27	612.22	6.430		
19,600.00	6,840.00	16,182.20	7,023.37	369.60	253.84	-93.53	-2,412.42	-14,476.48	3,937.68	3,315.45	622.23	6.328		
19,700.00	6,840.00	16,249.00	7,023.80	372.30	255.65	-93.54	-2,411.59	-14,543.28	3,936.91	3,310.34	626.57	6.283		
19,800.00	6,840.00	16,351.67	7,024.56	375.00	258.43	-93.55	-2,410.71	-14,645.94	3,936.54	3,304.48	632.05	6.228		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 82-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,856.36	6,840.00	16,390.65	7,024.82	376.52	259.49	-93.55	-2,410.46	-14,684.92	3,936.43	3,301.91	634.53	6.204	
19,900.00	6,840.00	16,422.87	7,025.02	377.70	260.36	-93.55	-2,410.36	-14,717.13	3,936.50	3,299.99	636.50	6.185	
20,000.00	6,840.00	16,486.40	7,025.41	380.40	262.08	-93.56	-2,410.51	-14,780.67	3,937.23	3,296.58	640.65	6.146	
20,100.00	6,840.00	16,552.75	7,025.83	383.11	263.87	-93.56	-2,411.33	-14,847.01	3,938.92	3,294.08	644.84	6.108	
20,200.00	6,840.00	16,634.15	7,026.41	385.81	266.07	-93.57	-2,412.82	-14,928.39	3,941.22	3,291.67	649.55	6.068	
20,300.00	6,840.00	16,713.60	7,026.91	388.51	268.22	-93.58	-2,414.69	-15,007.82	3,944.04	3,289.87	654.17	6.029 ES	
20,400.00	6,840.00	16,730.00	7,027.00	391.22	268.66	-93.58	-2,415.12	-15,024.21	3,947.99	3,291.75	656.24	6.016 SF	
20,500.00	6,840.00	16,730.00	7,027.00	393.92	268.66	-93.58	-2,415.12	-15,024.21	3,954.43	3,297.16	657.26	6.017	
20,539.70	6,840.00	16,730.00	7,027.00	394.99	268.66	-93.58	-2,415.12	-15,024.21	3,957.68	3,300.13	657.55	6.019	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-80.42	1,505.81	-8,919.82	9,046.98					
100.00	100.00	0.00	0.00	0.13	0.00	-80.42	1,505.81	-8,919.82	9,046.09	9,045.95	0.13	N/A		
131.00	131.00	0.00	0.00	0.25	0.00	-80.42	1,505.81	-8,919.82	9,046.03	9,045.79	0.25	N/A		
200.00	200.00	31.30	31.30	0.49	0.03	-80.42	1,505.86	-8,919.88	9,046.18	9,045.65	0.52	N/A		
300.00	300.00	76.67	76.67	0.85	0.08	-80.42	1,506.08	-8,920.18	9,046.90	9,045.97	0.92	9,781.902		
400.00	400.00	149.79	149.78	1.21	0.16	-80.41	1,506.62	-8,921.03	9,048.14	9,046.77	1.37	6,598.625		
500.00	500.00	266.49	266.47	1.57	0.29	-80.41	1,506.86	-8,922.48	9,049.41	9,047.55	1.85	4,881.729		
600.00	599.98	416.90	416.88	1.92	0.40	-25.82	1,506.91	-8,923.80	9,048.72	9,046.40	2.32	3,902.824		
700.00	699.84	504.47	504.44	2.28	0.45	-25.87	1,506.50	-8,924.49	9,044.69	9,041.97	2.72	3,321.182		
800.00	799.45	597.10	597.07	2.65	0.50	-25.96	1,505.78	-8,925.31	9,037.60	9,034.47	3.13	2,886.033		
900.00	898.70	675.12	675.08	3.02	0.54	-26.08	1,505.12	-8,926.14	9,027.53	9,024.00	3.53	2,555.405		
1,000.00	997.47	814.81	814.75	3.42	0.60	-26.27	1,503.81	-8,927.60	9,014.37	9,010.40	3.96	2,273.686		
1,100.00	1,095.62	876.21	876.14	3.84	0.63	-26.46	1,503.20	-8,928.24	8,998.03	8,993.66	4.36	2,061.619		
1,200.00	1,193.06	974.53	974.45	4.30	0.68	-26.70	1,502.27	-8,929.42	8,978.83	8,974.04	4.79	1,875.057		
1,300.00	1,289.64	1,072.03	1,071.94	4.79	0.72	-26.99	1,501.28	-8,930.53	8,956.51	8,951.29	5.22	1,715.557		
1,400.00	1,385.27	1,174.33	1,174.24	5.33	0.76	-27.33	1,500.24	-8,931.68	8,931.19	8,925.52	5.66	1,576.593		
1,500.00	1,479.82	1,280.15	1,280.04	5.92	0.81	-27.72	1,499.16	-8,932.74	8,902.79	8,896.67	6.12	1,454.182		
1,600.00	1,573.17	1,360.66	1,360.54	6.56	0.84	-28.12	1,498.52	-8,933.51	8,871.46	8,864.88	6.59	1,346.970		
1,700.00	1,665.22	1,453.07	1,452.95	7.26	0.88	-28.55	1,497.94	-8,934.51	8,837.42	8,830.34	7.07	1,249.108		
1,800.00	1,756.74	1,535.84	1,535.71	7.99	0.91	-28.66	1,497.41	-8,935.34	8,802.22	8,794.66	7.56	1,163.820		
1,900.00	1,848.26	1,600.00	1,599.87	8.75	0.93	-28.75	1,497.26	-8,936.15	8,767.33	8,759.27	8.06	1,088.158		
2,000.00	1,939.78	1,699.40	1,699.26	9.51	0.97	-28.89	1,497.08	-8,937.50	8,732.59	8,724.02	8.57	1,018.605		
2,100.00	2,031.30	1,780.89	1,780.74	10.29	1.00	-29.00	1,496.82	-8,938.62	8,697.88	8,688.79	9.09	956.645		
2,200.00	2,122.82	1,875.55	1,875.39	11.07	1.04	-29.14	1,496.52	-8,939.98	8,663.28	8,653.65	9.62	900.433		
2,300.00	2,214.34	1,940.37	1,940.20	11.86	1.07	-29.23	1,496.17	-8,940.97	8,628.78	8,618.63	10.15	850.178		
2,400.00	2,305.85	2,000.00	1,999.82	12.66	1.09	-29.32	1,495.69	-8,942.18	8,594.72	8,584.04	10.68	804.549		
2,500.00	2,397.37	2,049.22	2,049.02	13.46	1.11	-29.39	1,495.25	-8,943.41	8,561.10	8,549.88	11.22	763.030		
2,600.00	2,488.89	2,107.15	2,106.92	14.26	1.13	-29.48	1,494.75	-8,945.09	8,527.93	8,516.17	11.76	724.898		
2,700.00	2,580.41	2,193.36	2,193.08	15.07	1.16	-29.61	1,493.79	-8,947.81	8,495.01	8,482.69	12.32	689.588		
2,800.00	2,671.93	2,277.73	2,277.39	15.88	1.23	-29.89	1,492.10	-8,952.54	8,461.57	8,448.68	12.89	656.312		
2,900.00	2,763.45	2,468.16	2,467.80	16.69	1.26	-30.02	1,492.11	-8,954.26	8,427.74	8,414.28	13.45	626.378		
3,000.00	2,854.97	2,544.88	2,544.50	17.51	1.29	-30.14	1,492.10	-8,955.84	8,394.08	8,380.06	14.02	598.765		
3,100.00	2,946.49	2,618.85	2,618.45	18.32	1.32	-30.25	1,492.09	-8,957.51	8,360.66	8,346.07	14.59	573.172		
3,200.00	3,038.00	2,692.71	2,692.29	19.14	1.34	-30.36	1,492.21	-8,959.33	8,327.49	8,312.33	15.16	549.384		
3,300.00	3,129.52	2,792.75	2,792.30	19.96	1.38	-30.51	1,492.54	-8,961.86	8,294.43	8,278.70	15.74	527.129		
3,400.00	3,221.04	2,900.83	2,900.35	20.77	1.42	-30.67	1,492.79	-8,964.44	8,261.28	8,244.97	16.32	506.339		
3,500.00	3,312.56	3,000.00	3,499.23	21.59	1.52	-31.65	1,485.20	-8,960.32	8,224.99	8,208.21	16.78	490.202		
3,600.00	3,404.08	3,560.42	3,559.57	22.42	1.52	-31.76	1,483.00	-8,958.21	8,186.29	8,168.95	17.34	472.118		
3,700.00	3,495.60	3,616.69	3,615.78	23.24	1.53	-31.87	1,480.76	-8,956.65	8,148.16	8,130.26	17.91	455.056		
3,800.00	3,587.12	3,748.68	3,747.65	24.06	1.54	-32.11	1,476.77	-8,952.59	8,109.94	8,091.50	18.45	439.627		
3,900.00	3,678.63	3,832.49	3,831.38	24.88	1.54	-32.26	1,474.73	-8,949.74	8,071.56	8,052.55	19.01	424.630		
4,000.00	3,770.15	3,900.00	3,898.82	25.71	1.55	-32.39	1,472.49	-8,947.72	8,033.51	8,013.93	19.58	410.268		
4,100.00	3,861.67	3,940.67	3,939.44	26.53	1.56	-32.47	1,470.78	-8,946.72	7,995.91	7,975.74	20.17	396.407		
4,200.00	3,953.19	4,250.72	4,248.88	27.35	1.61	-33.11	1,454.55	-8,937.02	7,958.55	7,937.88	20.67	385.023		
4,300.00	4,044.71	4,328.01	4,326.00	28.18	1.62	-33.27	1,450.82	-8,933.30	7,918.97	7,897.72	21.25	372.646		
4,400.00	4,136.23	4,463.95	4,461.66	29.01	1.63	-33.55	1,445.66	-8,926.40	7,879.38	7,857.58	21.81	361.335		
4,500.00	4,227.75	4,539.81	4,537.38	29.83	1.64	-33.69	1,444.09	-8,922.05	7,839.37	7,816.99	22.39	350.134		
4,600.00	4,319.27	4,600.00	4,597.47	30.66	1.64	-33.81	1,442.40	-8,919.00	7,799.90	7,776.92	22.99	339.337		
4,700.00	4,410.78	4,646.11	4,643.50	31.48	1.65	-33.90	1,440.93	-8,916.90	7,760.89	7,737.30	23.59	328.931		
4,800.00	4,502.30	4,700.00	4,697.32	32.31	1.65	-34.01	1,439.35	-8,914.56	7,722.27	7,698.07	24.20	319.064		
4,900.00	4,593.82	4,763.10	4,760.35	33.14	1.66	-34.14	1,437.75	-8,912.06	7,684.07	7,659.26	24.81	309.709		
5,000.00	4,685.34	4,827.96	4,825.16	33.96	1.67	-34.26	1,436.44	-8,909.78	7,646.33	7,620.91	25.42	300.792		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,913.45	4,910.59	34.79	1.68	-34.43	1,434.97	-8,906.87	7,608.79	7,582.77	26.02	292.387		
5,200.00	4,868.38	4,995.11	4,992.20	35.62	1.68	-34.59	1,433.77	-8,904.15	7,571.40	7,544.77	26.63	284.311		
5,300.00	4,959.90	5,117.61	5,114.60	36.45	1.70	-34.83	1,432.13	-8,899.87	7,533.94	7,506.72	27.22	276.798		
5,400.00	5,051.41	5,173.37	5,170.33	37.27	1.70	-34.94	1,431.48	-8,897.98	7,496.60	7,468.75	27.85	269.199		
5,500.00	5,142.93	5,246.60	5,243.52	38.10	1.71	-35.09	1,430.72	-8,895.68	7,459.60	7,431.13	28.47	262.007		
5,600.00	5,234.45	5,324.73	5,321.61	38.93	1.72	-35.24	1,429.88	-8,893.35	7,422.82	7,393.72	29.10	255.121		
5,700.00	5,325.97	5,400.22	5,397.06	39.76	1.73	-35.40	1,428.92	-8,891.26	7,386.27	7,356.54	29.73	248.482		
5,800.00	5,417.49	5,481.86	5,478.67	40.59	1.74	-35.56	1,427.74	-8,889.12	7,349.93	7,319.58	30.36	242.119		
5,900.00	5,509.01	5,551.85	5,548.63	41.42	1.75	-35.71	1,426.63	-8,887.42	7,313.84	7,282.84	31.00	235.935		
6,000.00	5,600.53	5,619.56	5,616.31	42.25	1.76	-35.85	1,425.34	-8,886.00	7,278.10	7,246.45	31.65	229.969		
6,100.00	5,692.04	5,690.00	5,686.73	43.07	1.78	-36.01	1,423.98	-8,884.73	7,242.70	7,210.40	32.30	224.233		
6,200.00	5,783.56	5,748.29	5,745.00	43.90	1.79	-36.13	1,422.89	-8,883.88	7,207.69	7,174.73	32.96	218.658		
6,300.00	5,875.08	5,809.26	5,805.95	44.73	1.80	-36.26	1,421.75	-8,883.28	7,173.19	7,139.56	33.63	213.302		
6,400.00	5,966.60	5,919.49	5,916.16	45.56	1.83	-36.50	1,419.94	-8,882.24	7,138.81	7,104.54	34.27	208.319		
6,500.00	6,058.12	6,012.91	6,009.56	46.39	1.85	-36.71	1,418.29	-8,881.23	7,104.40	7,069.48	34.92	203.436		
6,600.00	6,149.64	6,119.12	6,115.75	47.22	1.87	-36.94	1,416.60	-8,879.92	7,069.93	7,034.36	35.57	198.761		
6,700.00	6,241.16	6,187.56	6,184.18	48.05	1.89	-37.10	1,415.60	-8,879.15	7,035.62	6,999.38	36.25	194.105		
6,800.00	6,332.68	6,257.72	6,254.34	48.88	1.91	-37.25	1,414.61	-8,878.53	7,001.63	6,964.71	36.93	189.612		
6,900.00	6,424.19	6,337.61	6,334.21	49.71	1.93	-37.43	1,413.51	-8,878.04	6,967.98	6,930.37	37.60	185.302		
7,000.00	6,514.88	6,435.29	6,431.88	50.58	1.95	-31.53	1,412.09	-8,877.44	6,932.16	6,893.88	38.28	181.111		
7,100.00	6,599.14	6,519.05	6,515.63	51.67	1.97	-24.44	1,410.93	-8,876.82	6,882.39	6,843.43	38.96	176.643		
7,200.00	6,673.85	6,572.00	6,568.58	53.01	1.99	-20.42	1,410.22	-8,876.53	6,818.56	6,778.93	39.63	172.051		
7,300.00	6,736.73	6,627.96	6,624.53	54.56	2.00	-18.18	1,409.45	-8,876.38	6,742.56	6,702.34	40.22	167.645		
7,400.00	6,785.87	6,686.12	6,682.68	56.29	2.02	-17.20	1,408.65	-8,876.17	6,656.47	6,615.78	40.69	163.588		
7,500.00	6,819.79	6,722.63	6,719.19	58.13	2.03	-17.52	1,408.14	-8,876.01	6,562.87	6,521.84	41.04	159.931		
7,600.00	6,837.44	6,740.44	6,737.00	60.02	2.03	-22.61	1,407.88	-8,875.92	6,464.66	6,423.42	41.24	156.771		
7,700.00	6,840.00	6,742.58	6,739.14	61.90	2.03	-109.49	1,407.85	-8,875.91	6,364.75	6,323.45	41.30	154.104		
7,800.00	6,840.00	6,742.07	6,738.63	63.83	2.03	-109.18	1,407.86	-8,875.91	6,264.76	6,223.42	41.34	151.525		
7,900.00	6,840.00	6,741.56	6,738.12	65.81	2.03	-108.87	1,407.86	-8,875.91	6,164.77	6,123.38	41.39	148.946		
8,000.00	6,840.00	6,741.05	6,737.61	67.84	2.03	-108.57	1,407.87	-8,875.92	6,064.78	6,023.35	41.44	146.367		
8,100.00	6,840.00	6,740.54	6,737.10	69.91	2.03	-108.26	1,407.88	-8,875.92	5,964.79	5,923.31	41.48	143.789		
8,200.00	6,840.00	6,740.03	6,736.59	72.03	2.03	-107.95	1,407.89	-8,875.92	5,864.80	5,823.27	41.53	141.210		
8,300.00	6,840.00	6,739.52	6,736.08	74.18	2.03	-107.64	1,407.89	-8,875.92	5,764.82	5,723.23	41.58	138.632		
8,400.00	6,840.00	6,739.01	6,735.57	76.37	2.03	-107.33	1,407.90	-8,875.93	5,664.83	5,623.19	41.64	136.055		
8,500.00	6,840.00	6,738.50	6,735.06	78.59	2.03	-107.02	1,407.91	-8,875.93	5,564.84	5,523.15	41.69	133.478		
8,600.00	6,840.00	6,737.99	6,734.55	80.85	2.03	-106.71	1,407.92	-8,875.93	5,464.85	5,423.11	41.75	130.902		
8,700.00	6,840.00	6,737.49	6,734.05	83.13	2.03	-106.40	1,407.92	-8,875.93	5,364.87	5,323.06	41.81	128.327		
8,800.00	6,840.00	6,736.98	6,733.54	85.44	2.03	-106.09	1,407.93	-8,875.94	5,264.88	5,223.01	41.87	125.754		
8,900.00	6,840.00	6,736.48	6,733.04	87.77	2.03	-105.77	1,407.94	-8,875.94	5,164.90	5,122.97	41.93	123.181		
9,000.00	6,840.00	6,735.97	6,732.53	90.12	2.03	-105.46	1,407.95	-8,875.94	5,064.91	5,022.92	41.99	120.609		
9,100.00	6,840.00	6,735.47	6,732.03	92.50	2.03	-105.14	1,407.95	-8,875.94	4,964.93	4,922.86	42.06	118.039		
9,200.00	6,840.00	6,734.96	6,731.52	94.89	2.03	-104.83	1,407.96	-8,875.95	4,864.94	4,822.81	42.13	115.471		
9,300.00	6,840.00	6,734.46	6,731.02	97.30	2.03	-104.51	1,407.97	-8,875.95	4,764.96	4,722.75	42.20	112.904		
9,400.00	6,840.00	6,733.96	6,730.52	99.73	2.03	-104.20	1,407.97	-8,875.95	4,664.98	4,622.70	42.28	110.338		
9,500.00	6,840.00	6,733.46	6,730.02	102.17	2.03	-103.88	1,407.98	-8,875.95	4,564.99	4,522.64	42.36	107.775		
9,600.00	6,840.00	6,732.96	6,729.52	104.63	2.03	-103.56	1,407.99	-8,875.96	4,465.01	4,422.57	42.44	105.214		
9,700.00	6,840.00	6,732.46	6,729.02	107.10	2.03	-103.25	1,408.00	-8,875.96	4,365.03	4,322.51	42.52	102.654		
9,800.00	6,840.00	6,731.96	6,728.52	109.58	2.03	-102.93	1,408.00	-8,875.96	4,265.05	4,222.44	42.61	100.097		
9,900.00	6,840.00	6,731.46	6,728.02	112.07	2.03	-102.61	1,408.01	-8,875.96	4,165.07	4,122.37	42.70	97.543		
10,000.00	6,840.00	6,730.96	6,727.52	114.58	2.03	-102.29	1,408.02	-8,875.97	4,065.10	4,022.30	42.79	94.990		
10,100.00	6,840.00	6,730.46	6,727.02	117.09	2.03	-101.97	1,408.03	-8,875.97	3,965.12	3,922.23	42.89	92.441		
10,200.00	6,840.00	6,729.97	6,726.53	119.61	2.03	-101.65	1,408.03	-8,875.97	3,865.14	3,822.15	43.00	89.894		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,729.47	6,726.03	122.14	2.03	-101.33	1,408.04	-8,875.97	3,765.17	3,722.07	43.10	87.349		
10,400.00	6,840.00	6,728.97	6,725.53	124.68	2.03	-101.01	1,408.05	-8,875.98	3,665.20	3,621.98	43.22	84.808		
10,500.00	6,840.00	6,728.48	6,725.04	127.23	2.03	-100.69	1,408.05	-8,875.98	3,565.23	3,521.89	43.34	82.270		
10,600.00	6,840.00	6,727.98	6,724.55	129.78	2.03	-100.37	1,408.06	-8,875.98	3,465.26	3,421.80	43.46	79.735		
10,700.00	6,840.00	6,727.49	6,724.05	132.35	2.03	-100.05	1,408.07	-8,875.98	3,365.29	3,321.70	43.59	77.203		
10,800.00	6,840.00	6,727.00	6,723.56	134.91	2.03	-99.72	1,408.08	-8,875.98	3,265.32	3,221.59	43.73	74.675		
10,900.00	6,840.00	6,726.51	6,723.07	137.49	2.03	-99.40	1,408.08	-8,875.99	3,165.36	3,121.49	43.87	72.150		
11,000.00	6,840.00	6,726.01	6,722.57	140.07	2.03	-99.08	1,408.09	-8,875.99	3,065.40	3,021.37	44.02	69.629		
11,100.00	6,840.00	6,725.52	6,722.08	142.65	2.03	-98.76	1,408.10	-8,875.99	2,965.44	2,921.25	44.19	67.111		
11,200.00	6,840.00	6,725.03	6,721.59	145.24	2.03	-98.43	1,408.10	-8,875.99	2,865.48	2,821.12	44.36	64.598		
11,300.00	6,840.00	6,724.54	6,721.10	147.83	2.03	-98.11	1,408.11	-8,876.00	2,765.53	2,720.98	44.54	62.088		
11,400.00	6,840.00	6,724.05	6,720.61	150.43	2.03	-97.79	1,408.12	-8,876.00	2,665.58	2,620.84	44.74	59.583		
11,500.00	6,840.00	6,723.56	6,720.12	153.04	2.03	-97.46	1,408.12	-8,876.00	2,565.63	2,520.68	44.95	57.082		
11,600.00	6,840.00	6,723.08	6,719.64	155.64	2.03	-97.14	1,408.13	-8,876.00	2,465.69	2,420.52	45.17	54.586		
11,700.00	6,840.00	6,722.59	6,719.15	158.26	2.03	-96.82	1,408.14	-8,876.01	2,365.75	2,320.34	45.41	52.095		
11,800.00	6,840.00	6,722.10	6,718.66	160.87	2.03	-96.49	1,408.15	-8,876.01	2,265.82	2,220.14	45.67	49.608		
11,900.00	6,840.00	6,721.62	6,718.18	163.49	2.03	-96.17	1,408.15	-8,876.01	2,165.89	2,119.93	45.96	47.127		
12,000.00	6,840.00	6,721.13	6,717.69	166.11	2.03	-95.85	1,408.16	-8,876.01	2,065.97	2,019.71	46.27	44.651		
12,100.00	6,840.00	6,720.64	6,717.21	168.74	2.03	-95.52	1,408.17	-8,876.01	1,966.06	1,919.45	46.61	42.182		
12,200.00	6,840.00	6,720.16	6,716.72	171.37	2.03	-95.20	1,408.17	-8,876.02	1,866.16	1,819.18	46.99	39.718		
12,300.00	6,840.00	6,719.68	6,716.24	174.00	2.03	-94.88	1,408.18	-8,876.02	1,766.27	1,718.87	47.40	37.261		
12,400.00	6,840.00	6,719.19	6,715.76	176.63	2.03	-94.55	1,408.19	-8,876.02	1,666.40	1,618.53	47.87	34.811		
12,500.00	6,840.00	6,718.71	6,715.27	179.27	2.03	-94.23	1,408.19	-8,876.02	1,566.54	1,518.14	48.40	32.368		
12,600.00	6,840.00	6,718.23	6,714.79	181.91	2.03	-93.90	1,408.20	-8,876.03	1,466.69	1,417.70	49.00	29.935		
12,700.00	6,840.00	6,717.75	6,714.31	184.55	2.03	-93.58	1,408.21	-8,876.03	1,366.87	1,317.19	49.69	27.511		
12,800.00	6,840.00	6,717.27	6,713.83	187.19	2.03	-93.26	1,408.21	-8,876.03	1,267.08	1,216.60	50.49	25.098		
12,900.00	6,840.00	6,716.79	6,713.35	189.84	2.03	-92.94	1,408.22	-8,876.03	1,167.33	1,115.90	51.43	22.698		
13,000.00	6,840.00	6,716.31	6,712.87	192.48	2.03	-92.61	1,408.23	-8,876.04	1,067.62	1,015.06	52.56	20.314		
13,100.00	6,840.00	6,715.83	6,712.39	195.13	2.03	-92.29	1,408.24	-8,876.04	967.97	914.04	53.93	17.949		
13,200.00	6,840.00	6,715.35	6,711.91	197.79	2.03	-91.97	1,408.24	-8,876.04	868.39	812.76	55.64	15.608		
13,300.00	6,840.00	6,714.87	6,711.44	200.44	2.03	-91.65	1,408.25	-8,876.04	768.93	711.12	57.82	13.299		
13,400.00	6,840.00	6,714.40	6,710.96	203.10	2.03	-91.32	1,408.26	-8,876.04	669.64	608.94	60.70	11.032		
13,500.00	6,840.00	6,713.92	6,710.48	205.75	2.03	-91.00	1,408.26	-8,876.05	570.58	505.93	64.65	8.826		
13,600.00	6,840.00	6,713.44	6,710.01	208.41	2.03	-90.68	1,408.27	-8,876.05	471.93	401.56	70.37	6.707		
13,700.00	6,840.00	6,712.97	6,709.53	211.07	2.03	-90.36	1,408.28	-8,876.05	373.98	294.73	79.25	4.719		
13,800.00	6,840.00	6,712.49	6,709.06	213.74	2.03	-90.04	1,408.28	-8,876.05	277.51	182.98	94.53	2.936		
13,900.00	6,840.00	6,712.02	6,708.58	216.40	2.03	-89.72	1,408.29	-8,876.06	184.83	60.03	124.80	1.481 Level 3		
14,000.00	6,840.00	6,711.55	6,708.11	219.06	2.03	-89.40	1,408.30	-8,876.06	106.35	-84.23	190.58	0.558 Level 1		
14,064.26	6,840.00	6,711.24	6,707.81	220.78	2.03	-89.19	1,408.30	-8,876.06	84.74	-136.74	221.48	0.383 Level 1, CC, ES, SF		
14,100.00	6,840.00	6,711.07	6,707.64	221.73	2.03	-89.08	1,408.30	-8,876.06	91.97	-104.53	196.50	0.468 Level 1		
14,200.00	6,840.00	6,710.60	6,707.16	224.40	2.03	-88.76	1,408.31	-8,876.06	160.02	55.56	104.46	1.532		
14,300.00	6,840.00	6,710.13	6,706.69	227.07	2.03	-88.44	1,408.32	-8,876.06	250.51	185.37	65.14	3.846		
14,400.00	6,840.00	6,709.66	6,706.22	229.74	2.03	-88.12	1,408.32	-8,876.07	346.27	297.32	48.94	7.075		
14,500.00	6,840.00	6,709.19	6,705.75	232.41	2.03	-87.80	1,408.33	-8,876.07	443.90	402.17	41.73	10.638		
14,600.00	6,840.00	6,708.72	6,705.28	235.08	2.02	-87.49	1,408.34	-8,876.07	542.40	503.96	38.44	14.110		
14,700.00	6,840.00	6,708.25	6,704.81	237.75	2.02	-87.17	1,408.34	-8,876.07	641.36	604.37	36.98	17.342		
14,800.00	6,840.00	6,707.78	6,704.34	240.43	2.02	-86.85	1,408.35	-8,876.08	740.60	704.18	36.41	20.339		
14,900.00	6,840.00	6,707.31	6,703.88	243.10	2.02	-86.54	1,408.36	-8,876.08	840.02	803.74	36.28	23.153		
15,000.00	6,840.00	6,706.84	6,703.41	245.78	2.02	-86.22	1,408.36	-8,876.08	939.56	903.19	36.37	25.832		
15,100.00	6,840.00	6,706.38	6,702.94	248.46	2.02	-85.91	1,408.37	-8,876.08	1,039.19	1,002.62	36.57	28.415		
15,200.00	6,840.00	6,705.91	6,702.47	251.14	2.02	-85.59	1,408.38	-8,876.08	1,138.89	1,102.06	36.83	30.926		
15,300.00	6,840.00	6,705.45	6,702.01	253.82	2.02	-85.28	1,408.38	-8,876.09	1,238.63	1,201.53	37.10	33.384		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,704.98	6,701.54	256.50	2.02	-84.97	1,408.39	-8,876.09	1,338.41	1,301.03	37.38	35.802		
15,500.00	6,840.00	6,704.52	6,701.08	259.18	2.02	-84.65	1,408.39	-8,876.09	1,438.22	1,400.56	37.66	38.188		
15,600.00	6,840.00	6,704.05	6,700.62	261.86	2.02	-84.34	1,408.40	-8,876.09	1,538.06	1,500.13	37.93	40.548		
15,700.00	6,840.00	6,703.59	6,700.15	264.54	2.02	-84.03	1,408.41	-8,876.09	1,637.92	1,599.72	38.19	42.886		
15,800.00	6,840.00	6,703.13	6,699.69	267.23	2.02	-83.72	1,408.41	-8,876.10	1,737.79	1,699.35	38.44	45.206		
15,900.00	6,840.00	6,702.66	6,699.23	269.91	2.02	-83.41	1,408.42	-8,876.10	1,837.68	1,799.00	38.68	47.511		
16,000.00	6,840.00	6,702.20	6,698.76	272.59	2.02	-83.10	1,408.43	-8,876.10	1,937.57	1,898.67	38.91	49.801		
16,100.00	6,840.00	6,701.74	6,698.30	275.28	2.02	-82.79	1,408.43	-8,876.10	2,037.48	1,998.36	39.12	52.078		
16,200.00	6,840.00	6,701.28	6,697.84	277.97	2.02	-82.49	1,408.44	-8,876.11	2,137.40	2,098.07	39.33	54.343		
16,300.00	6,840.00	6,700.82	6,697.38	280.65	2.02	-82.18	1,408.45	-8,876.11	2,237.32	2,197.79	39.53	56.597		
16,400.00	6,840.00	6,700.36	6,696.92	283.34	2.02	-81.87	1,408.45	-8,876.11	2,337.25	2,297.53	39.72	58.841		
16,500.00	6,840.00	6,699.91	6,696.47	286.03	2.02	-81.57	1,408.46	-8,876.11	2,437.19	2,397.28	39.91	61.074		
16,600.00	6,840.00	6,699.47	6,696.03	288.72	2.02	-81.28	1,408.47	-8,876.11	2,537.13	2,497.05	40.08	63.298		
16,700.00	6,840.00	6,699.03	6,695.59	291.41	2.02	-80.99	1,408.47	-8,876.12	2,637.07	2,596.82	40.25	65.513		
16,800.00	6,840.00	6,698.59	6,695.16	294.10	2.02	-80.70	1,408.48	-8,876.12	2,737.02	2,696.60	40.42	67.718		
16,900.00	6,840.00	6,698.16	6,694.73	296.79	2.02	-80.42	1,408.48	-8,876.12	2,836.98	2,796.40	40.58	69.914		
17,000.00	6,840.00	6,697.73	6,694.30	299.48	2.02	-80.13	1,408.49	-8,876.12	2,936.93	2,896.20	40.73	72.102		
17,100.00	6,840.00	6,697.30	6,693.87	302.17	2.02	-79.85	1,408.50	-8,876.12	3,036.89	2,996.01	40.88	74.282		
17,200.00	6,840.00	6,696.88	6,693.44	304.86	2.02	-79.57	1,408.50	-8,876.13	3,136.85	3,095.82	41.03	76.452		
17,300.00	6,840.00	6,696.45	6,693.01	307.56	2.02	-79.29	1,408.51	-8,876.13	3,236.81	3,195.64	41.17	78.615		
17,400.00	6,840.00	6,696.03	6,692.59	310.25	2.02	-79.01	1,408.51	-8,876.13	3,336.78	3,295.47	41.31	80.769		
17,500.00	6,840.00	6,695.61	6,692.17	312.94	2.02	-78.74	1,408.52	-8,876.13	3,436.75	3,395.30	41.45	82.915		
17,600.00	6,840.00	6,695.19	6,691.75	315.64	2.02	-78.46	1,408.52	-8,876.13	3,536.72	3,495.14	41.58	85.053		
17,700.00	6,840.00	6,694.77	6,691.33	318.33	2.02	-78.19	1,408.53	-8,876.13	3,636.69	3,594.98	41.71	87.183		
17,800.00	6,840.00	6,694.35	6,690.92	321.03	2.02	-77.92	1,408.54	-8,876.14	3,736.66	3,694.82	41.84	89.304		
17,900.00	6,840.00	6,693.94	6,690.50	323.72	2.02	-77.65	1,408.54	-8,876.14	3,836.64	3,794.67	41.97	91.418		
18,000.00	6,840.00	6,693.53	6,690.09	326.42	2.02	-77.39	1,408.55	-8,876.14	3,936.61	3,894.52	42.09	93.523		
18,100.00	6,840.00	6,693.12	6,689.68	329.11	2.02	-77.12	1,408.55	-8,876.14	4,036.59	3,994.37	42.21	95.621		
18,200.00	6,840.00	6,692.71	6,689.27	331.81	2.02	-76.86	1,408.56	-8,876.14	4,136.56	4,094.23	42.33	97.710		
18,300.00	6,840.00	6,692.30	6,688.87	334.51	2.02	-76.59	1,408.56	-8,876.15	4,236.54	4,194.09	42.45	99.792		
18,400.00	6,840.00	6,691.90	6,688.46	337.20	2.02	-76.33	1,408.57	-8,876.15	4,336.52	4,293.95	42.57	101.865		
18,500.00	6,840.00	6,691.50	6,688.06	339.90	2.02	-76.08	1,408.58	-8,876.15	4,436.50	4,393.82	42.69	103.931		
18,600.00	6,840.00	6,691.09	6,687.66	342.60	2.02	-75.82	1,408.58	-8,876.15	4,536.48	4,493.68	42.80	105.989		
18,700.00	6,840.00	6,690.70	6,687.26	345.30	2.02	-75.56	1,408.59	-8,876.15	4,636.47	4,593.55	42.92	108.038		
18,800.00	6,840.00	6,690.30	6,686.86	348.00	2.02	-75.31	1,408.59	-8,876.15	4,736.45	4,693.42	43.03	110.080		
18,900.00	6,840.00	6,689.90	6,686.47	350.70	2.02	-75.06	1,408.60	-8,876.16	4,836.43	4,793.29	43.14	112.113		
19,000.00	6,840.00	6,689.51	6,686.07	353.39	2.02	-74.81	1,408.60	-8,876.16	4,936.42	4,893.17	43.25	114.139		
19,100.00	6,840.00	6,689.12	6,685.68	356.09	2.02	-74.56	1,408.61	-8,876.16	5,036.40	4,993.04	43.36	116.157		
19,200.00	6,840.00	6,688.72	6,685.29	358.79	2.02	-74.31	1,408.61	-8,876.16	5,136.39	5,092.92	43.47	118.167		
19,300.00	6,840.00	6,688.34	6,684.90	361.49	2.02	-74.07	1,408.62	-8,876.16	5,236.37	5,192.80	43.58	120.168		
19,400.00	6,840.00	6,687.95	6,684.51	364.20	2.02	-73.82	1,408.63	-8,876.16	5,336.36	5,292.67	43.68	122.162		
19,500.00	6,840.00	6,687.56	6,684.13	366.90	2.02	-73.58	1,408.63	-8,876.17	5,436.34	5,392.55	43.79	124.148		
19,600.00	6,840.00	6,687.18	6,683.74	369.60	2.02	-73.34	1,408.64	-8,876.17	5,536.33	5,492.44	43.90	126.126		
19,700.00	6,840.00	6,686.80	6,683.36	372.30	2.02	-73.10	1,408.64	-8,876.17	5,636.32	5,592.32	44.00	128.096		
19,800.00	6,840.00	6,686.42	6,682.98	375.00	2.02	-72.86	1,408.65	-8,876.17	5,736.31	5,692.20	44.11	130.058		
19,900.00	6,840.00	6,686.04	6,682.60	377.70	2.02	-72.63	1,408.65	-8,876.17	5,836.29	5,792.08	44.21	132.012		
20,000.00	6,840.00	6,685.66	6,682.22	380.40	2.02	-72.39	1,408.66	-8,876.17	5,936.28	5,891.97	44.31	133.958		
20,100.00	6,840.00	6,685.28	6,681.85	383.11	2.02	-72.16	1,408.66	-8,876.18	6,036.27	5,991.85	44.42	135.896		
20,200.00	6,840.00	6,684.91	6,681.47	385.81	2.02	-71.93	1,408.67	-8,876.18	6,136.26	6,091.74	44.52	137.827		
20,300.00	6,840.00	6,684.54	6,681.10	388.51	2.02	-71.70	1,408.67	-8,876.18	6,236.25	6,191.63	44.62	139.749		
20,400.00	6,840.00	6,684.17	6,680.73	391.22	2.02	-71.47	1,408.68	-8,876.18	6,336.24	6,291.51	44.73	141.664		
20,500.00	6,840.00	6,683.80	6,680.36	393.92	2.02	-71.25	1,408.68	-8,876.18	6,436.23	6,391.40	44.83	143.570		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												SEC 26-T4N-R65W - EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO		Offset Site Error:		0.00 usft			
Survey Program:				100-GYD_CT												Offset Well Error:		0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor							
20,539.70	6,840.00	6,683.65	6,680.21	394.99	2.02	-71.16	1,408.69	-8,876.18	6,475.92	6,431.05	44.87	144.325							



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-97.91	-1,282.82	-9,236.96	9,326.45					
100.00	100.00	0.00	0.00	0.13	0.00	-97.91	-1,282.82	-9,236.96	9,325.65	9,325.51	0.13	N/A		
144.44	144.44	19.44	19.44	0.29	0.03	-97.91	-1,282.82	-9,236.96	9,325.61	9,325.29	0.33	N/A		
200.00	200.00	75.00	75.00	0.49	0.12	-97.91	-1,282.82	-9,236.96	9,325.61	9,325.00	0.61	N/A		
300.00	300.00	175.00	175.00	0.85	0.43	-97.91	-1,282.82	-9,236.96	9,325.61	9,324.33	1.28	7,276.902		
400.00	400.00	275.00	275.00	1.21	0.79	-97.91	-1,282.82	-9,236.96	9,325.61	9,323.61	2.00	4,666.354		
500.00	500.00	375.00	375.00	1.57	1.15	-97.91	-1,282.82	-9,236.96	9,325.61	9,322.90	2.72	3,434.314		
600.00	599.98	474.98	474.98	1.92	1.51	-43.32	-1,282.82	-9,236.96	9,324.34	9,320.91	3.43	2,719.281		
700.00	699.84	574.84	574.84	2.28	1.86	-43.40	-1,282.82	-9,236.96	9,320.53	9,316.39	4.14	2,250.061		
800.00	799.45	674.45	674.45	2.65	2.22	-43.52	-1,282.82	-9,236.96	9,314.20	9,309.34	4.86	1,916.649		
900.00	898.70	773.70	773.70	3.02	2.58	-43.69	-1,282.82	-9,236.96	9,305.34	9,299.76	5.58	1,666.860		
1,000.00	997.47	872.47	872.47	3.42	2.93	-43.92	-1,282.82	-9,236.96	9,293.98	9,287.67	6.31	1,472.053		
1,100.00	1,095.62	970.62	970.62	3.84	3.28	-44.19	-1,282.82	-9,236.96	9,280.15	9,273.09	7.06	1,315.272		
1,200.00	1,193.06	1,068.06	1,068.06	4.30	3.63	-44.52	-1,282.82	-9,236.96	9,263.86	9,256.05	7.81	1,185.869		
1,300.00	1,289.64	1,164.64	1,164.64	4.79	3.98	-44.90	-1,282.82	-9,236.96	9,245.15	9,236.57	8.59	1,076.843		
1,400.00	1,385.27	1,260.27	1,260.27	5.33	4.32	-45.33	-1,282.82	-9,236.96	9,224.06	9,214.68	9.38	983.410		
1,500.00	1,479.82	1,354.82	1,354.82	5.92	4.66	-45.82	-1,282.82	-9,236.96	9,200.63	9,190.43	10.20	902.203		
1,600.00	1,573.17	1,448.17	1,448.17	6.56	4.99	-46.36	-1,282.82	-9,236.96	9,174.90	9,163.86	11.04	830.788		
1,700.00	1,665.22	1,540.22	1,540.22	7.26	5.32	-46.90	-1,282.82	-9,236.96	9,146.94	9,135.02	11.92	767.270		
1,800.00	1,756.74	1,631.74	1,631.74	7.99	5.65	-47.07	-1,282.82	-9,236.96	9,118.17	9,105.36	12.82	711.454		
1,900.00	1,848.26	1,723.26	1,723.26	8.75	5.98	-47.25	-1,282.82	-9,236.96	9,089.49	9,075.76	13.73	662.149		
2,000.00	1,939.78	1,814.78	1,814.78	9.51	6.31	-47.43	-1,282.82	-9,236.96	9,060.89	9,046.24	14.65	618.422		
2,100.00	2,031.30	1,906.30	1,906.30	10.29	6.64	-47.61	-1,282.82	-9,236.96	9,032.39	9,016.80	15.59	579.470		
2,200.00	2,122.82	2,002.18	1,997.82	11.07	6.98	-47.79	-1,282.82	-9,236.96	9,003.97	8,987.42	16.55	544.101		
2,300.00	2,214.34	2,089.34	2,089.34	11.86	7.29	-47.97	-1,282.82	-9,236.96	8,975.65	8,958.16	17.49	513.290		
2,400.00	2,305.85	2,180.85	2,180.85	12.66	7.62	-48.16	-1,282.82	-9,236.96	8,947.41	8,928.97	18.45	485.014		
2,500.00	2,397.37	2,272.37	2,272.37	13.46	7.95	-48.34	-1,282.82	-9,236.96	8,919.27	8,899.86	19.42	459.384		
2,600.00	2,488.89	2,363.89	2,363.89	14.26	8.28	-48.53	-1,282.82	-9,236.96	8,891.23	8,870.84	20.39	436.063		
2,700.00	2,580.41	2,455.41	2,455.41	15.07	8.60	-48.71	-1,282.82	-9,236.96	8,863.28	8,841.91	21.37	414.765		
2,800.00	2,671.93	2,546.93	2,546.93	15.88	8.93	-48.90	-1,282.82	-9,236.96	8,835.42	8,813.07	22.35	395.246		
2,900.00	2,763.45	2,638.45	2,638.45	16.69	9.26	-49.09	-1,282.82	-9,236.96	8,807.66	8,784.32	23.34	377.300		
3,000.00	2,854.97	2,729.97	2,729.97	17.51	9.59	-49.28	-1,282.82	-9,236.96	8,780.00	8,755.66	24.34	360.750		
3,100.00	2,946.49	2,821.49	2,821.49	18.32	9.92	-49.47	-1,282.82	-9,236.96	8,752.43	8,727.10	25.34	345.443		
3,200.00	3,038.00	2,913.00	2,913.00	19.14	10.25	-49.66	-1,282.82	-9,236.96	8,724.97	8,698.63	26.34	331.248		
3,300.00	3,129.52	3,004.52	3,004.52	19.96	10.57	-49.85	-1,282.82	-9,236.96	8,697.60	8,670.25	27.35	318.051		
3,400.00	3,221.04	3,103.96	3,096.04	20.77	10.93	-50.04	-1,282.82	-9,236.96	8,670.34	8,641.95	28.39	305.447		
3,500.00	3,312.56	3,187.56	3,187.56	21.59	11.23	-50.24	-1,282.82	-9,236.96	8,643.17	8,613.80	29.37	294.266		
3,600.00	3,404.08	3,279.08	3,279.08	22.42	11.56	-50.43	-1,282.82	-9,236.96	8,616.11	8,585.72	30.39	283.516		
3,700.00	3,495.60	3,370.60	3,370.60	23.24	11.89	-50.63	-1,282.82	-9,236.96	8,589.16	8,557.75	31.41	273.435		
3,800.00	3,587.12	3,462.12	3,462.12	24.06	12.21	-50.83	-1,282.82	-9,236.96	8,562.31	8,529.87	32.44	263.963		
3,900.00	3,678.63	3,553.63	3,553.63	24.88	12.54	-51.03	-1,282.82	-9,236.96	8,535.56	8,502.09	33.47	255.048		
4,000.00	3,770.15	3,645.15	3,645.15	25.71	12.87	-51.23	-1,282.82	-9,236.96	8,508.92	8,474.42	34.50	246.644		
4,100.00	3,861.67	3,736.67	3,736.67	26.53	13.20	-51.43	-1,282.82	-9,236.96	8,482.39	8,446.86	35.53	238.708		
4,200.00	3,953.19	3,828.19	3,828.19	27.35	13.53	-51.63	-1,282.82	-9,236.96	8,455.97	8,419.40	36.57	231.203		
4,300.00	4,044.71	3,919.71	3,919.71	28.18	13.85	-51.84	-1,282.82	-9,236.96	8,429.66	8,392.04	37.62	224.096		
4,400.00	4,136.23	4,011.23	4,011.23	29.01	14.18	-52.04	-1,282.82	-9,236.96	8,403.46	8,364.79	38.66	217.357		
4,500.00	4,227.75	4,102.75	4,102.75	29.83	14.51	-52.25	-1,282.82	-9,236.96	8,377.37	8,337.66	39.71	210.958		
4,600.00	4,319.27	4,205.74	4,194.27	30.66	14.88	-52.45	-1,282.82	-9,236.96	8,351.39	8,310.59	40.80	204.669		
4,700.00	4,410.78	4,285.78	4,285.78	31.48	15.17	-52.66	-1,282.82	-9,236.96	8,325.53	8,283.71	41.82	199.085		
4,800.00	4,502.30	4,377.30	4,377.30	32.31	15.49	-52.87	-1,282.82	-9,236.96	8,299.78	8,256.90	42.88	193.569		
4,900.00	4,593.82	4,468.82	4,468.82	33.14	15.82	-53.08	-1,282.82	-9,236.96	8,274.15	8,230.21	43.94	188.307		
5,000.00	4,685.34	4,560.34	4,560.34	33.96	16.15	-53.29	-1,282.82	-9,236.96	8,248.64	8,203.63	45.00	183.283		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,651.86	4,651.86	34.79	16.48	-53.51	-1,282.82	-9,236.96	8,223.24	8,177.17	46.07	178.482		
5,200.00	4,868.38	4,743.38	4,743.38	35.62	16.81	-53.72	-1,282.82	-9,236.96	8,197.97	8,150.82	47.14	173.889		
5,300.00	4,959.90	4,834.90	4,834.90	36.45	17.13	-53.94	-1,282.82	-9,236.96	8,172.81	8,124.59	48.22	169.492		
5,400.00	5,051.41	4,926.41	4,926.41	37.27	17.46	-54.15	-1,282.82	-9,236.96	8,147.78	8,098.48	49.30	165.278		
5,500.00	5,142.93	5,017.93	5,017.93	38.10	17.79	-54.37	-1,282.82	-9,236.96	8,122.87	8,072.49	50.38	161.237		
5,600.00	5,234.45	5,109.45	5,109.45	38.93	18.12	-54.59	-1,282.82	-9,236.96	8,098.08	8,046.62	51.46	157.359		
5,700.00	5,325.97	5,200.97	5,200.97	39.76	18.45	-54.81	-1,282.82	-9,236.96	8,073.42	8,020.87	52.55	153.633		
5,800.00	5,417.49	5,307.51	5,292.49	40.59	18.83	-55.03	-1,282.82	-9,236.96	8,048.89	7,995.19	53.69	149.902		
5,900.00	5,509.01	5,384.01	5,384.01	41.42	19.10	-55.25	-1,282.82	-9,236.96	8,024.48	7,969.74	54.73	146.609		
6,000.00	5,600.53	5,475.53	5,475.53	42.25	19.43	-55.48	-1,282.82	-9,236.96	8,000.20	7,944.37	55.83	143.294		
6,100.00	5,692.04	5,567.04	5,567.04	43.07	19.76	-55.70	-1,282.82	-9,236.96	7,976.05	7,919.12	56.93	140.101		
6,200.00	5,783.56	5,658.56	5,658.56	43.90	20.09	-55.93	-1,282.82	-9,236.96	7,952.03	7,894.00	58.03	137.025		
6,300.00	5,875.08	5,750.08	5,750.08	44.73	20.42	-56.16	-1,282.82	-9,236.96	7,928.14	7,869.00	59.14	134.058		
6,400.00	5,966.60	5,841.60	5,841.60	45.56	20.74	-56.39	-1,282.82	-9,236.96	7,904.39	7,844.14	60.25	131.196		
6,500.00	6,058.12	5,933.12	5,933.12	46.39	21.07	-56.61	-1,282.82	-9,236.96	7,880.77	7,819.41	61.36	128.433		
6,600.00	6,149.64	6,024.64	6,024.64	47.22	21.40	-56.85	-1,282.82	-9,236.96	7,857.29	7,794.81	62.48	125.764		
6,700.00	6,241.16	6,116.16	6,116.16	48.05	21.73	-57.08	-1,282.82	-9,236.96	7,833.94	7,770.35	63.59	123.186		
6,800.00	6,332.68	6,207.68	6,207.68	48.88	22.06	-57.31	-1,282.82	-9,236.96	7,810.74	7,746.02	64.72	120.692		
6,900.00	6,424.19	6,300.81	6,299.19	49.71	22.39	-57.55	-1,282.82	-9,236.96	7,787.67	7,721.82	65.85	118.270		
7,000.00	6,514.88	6,389.88	6,389.88	50.58	22.71	-52.18	-1,282.82	-9,236.96	7,762.56	7,695.58	66.98	115.887		
7,100.00	6,599.14	6,474.14	6,474.14	51.67	23.01	-46.67	-1,282.82	-9,236.96	7,723.95	7,655.74	68.21	113.232		
7,200.00	6,673.85	6,548.85	6,548.85	53.01	23.28	-45.29	-1,282.82	-9,236.96	7,671.25	7,601.75	69.50	110.379		
7,300.00	6,736.73	6,611.73	6,611.73	54.56	23.50	-47.03	-1,282.82	-9,236.96	7,606.11	7,535.31	70.80	107.434		
7,400.00	6,785.87	6,660.87	6,660.87	56.29	23.68	-52.12	-1,282.82	-9,236.96	7,530.51	7,458.45	72.06	104.499		
7,500.00	6,819.79	6,705.21	6,694.79	58.13	23.84	-61.76	-1,282.82	-9,236.96	7,446.77	7,373.48	73.29	101.613		
7,600.00	6,837.44	6,712.44	6,712.44	60.02	23.87	-77.94	-1,282.82	-9,236.96	7,357.40	7,283.09	74.31	99.007		
7,700.00	6,840.00	6,715.00	6,715.00	61.90	23.87	-90.00	-1,282.82	-9,236.96	7,265.22	7,189.99	75.24	96.563		
7,800.00	6,840.00	6,715.00	6,715.00	63.83	23.87	-90.00	-1,282.82	-9,236.96	7,172.92	7,096.76	76.17	94.174		
7,900.00	6,840.00	6,715.00	6,715.00	65.81	23.87	-90.00	-1,282.82	-9,236.96	7,080.83	7,003.70	77.13	91.803		
8,000.00	6,840.00	6,715.00	6,715.00	67.84	23.87	-90.00	-1,282.82	-9,236.96	6,988.95	6,910.82	78.13	89.452		
8,100.00	6,840.00	6,715.00	6,715.00	69.91	23.87	-90.00	-1,282.82	-9,236.96	6,897.30	6,818.13	79.17	87.121		
8,200.00	6,840.00	6,715.00	6,715.00	72.03	23.87	-90.00	-1,282.82	-9,236.96	6,805.89	6,725.64	80.25	84.813		
8,300.00	6,840.00	6,715.00	6,715.00	74.18	23.87	-90.00	-1,282.82	-9,236.96	6,714.72	6,633.35	81.36	82.528		
8,400.00	6,840.00	6,715.00	6,715.00	76.37	23.87	-90.00	-1,282.82	-9,236.96	6,623.80	6,541.28	82.52	80.269		
8,500.00	6,840.00	6,715.00	6,715.00	78.59	23.87	-90.00	-1,282.82	-9,236.96	6,533.15	6,449.43	83.72	78.035		
8,600.00	6,840.00	6,715.00	6,715.00	80.85	23.87	-90.00	-1,282.82	-9,236.96	6,442.78	6,357.81	84.96	75.830		
8,700.00	6,840.00	6,715.00	6,715.00	83.13	23.87	-90.00	-1,282.82	-9,236.96	6,352.69	6,266.44	86.25	73.652		
8,800.00	6,840.00	6,715.00	6,715.00	85.44	23.87	-90.00	-1,282.82	-9,236.96	6,262.91	6,175.32	87.59	71.505		
8,900.00	6,840.00	6,715.00	6,715.00	87.77	23.87	-90.00	-1,282.82	-9,236.96	6,173.44	6,084.47	88.97	69.388		
9,000.00	6,840.00	6,715.00	6,715.00	90.12	23.87	-90.00	-1,282.82	-9,236.96	6,084.30	5,993.90	90.40	67.304		
9,100.00	6,840.00	6,715.00	6,715.00	92.50	23.87	-90.00	-1,282.82	-9,236.96	5,995.50	5,903.62	91.88	65.252		
9,200.00	6,840.00	6,715.00	6,715.00	94.89	23.87	-90.00	-1,282.82	-9,236.96	5,907.06	5,813.64	93.42	63.233		
9,300.00	6,840.00	6,715.00	6,715.00	97.30	23.87	-90.00	-1,282.82	-9,236.96	5,818.99	5,723.99	95.01	61.249		
9,400.00	6,840.00	6,715.00	6,715.00	99.73	23.87	-90.00	-1,282.82	-9,236.96	5,731.32	5,634.67	96.65	59.300		
9,500.00	6,840.00	6,715.00	6,715.00	102.17	23.87	-90.00	-1,282.82	-9,236.96	5,644.05	5,545.70	98.35	57.387		
9,600.00	6,840.00	6,715.00	6,715.00	104.63	23.87	-90.00	-1,282.82	-9,236.96	5,557.21	5,457.10	100.11	55.511		
9,700.00	6,840.00	6,715.00	6,715.00	107.10	23.87	-90.00	-1,282.82	-9,236.96	5,470.83	5,368.90	101.93	53.672		
9,800.00	6,840.00	6,715.00	6,715.00	109.58	23.87	-90.00	-1,282.82	-9,236.96	5,384.91	5,281.10	103.81	51.871		
9,900.00	6,840.00	6,715.00	6,715.00	112.07	23.87	-90.00	-1,282.82	-9,236.96	5,299.49	5,193.73	105.76	50.107		
10,000.00	6,840.00	6,715.00	6,715.00	114.58	23.87	-90.00	-1,282.82	-9,236.96	5,214.59	5,106.81	107.78	48.383		
10,100.00	6,840.00	6,715.00	6,715.00	117.09	23.87	-90.00	-1,282.82	-9,236.96	5,130.23	5,020.37	109.86	46.698		
10,200.00	6,840.00	6,715.00	6,715.00	119.61	23.87	-90.00	-1,282.82	-9,236.96	5,046.44	4,934.43	112.01	45.051		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,715.00	6,715.00	122.14	23.87	-90.00	-1,282.82	-9,236.96	4,963.25	4,849.01	114.24	43.445		
10,400.00	6,840.00	6,715.00	6,715.00	124.68	23.87	-90.00	-1,282.82	-9,236.96	4,880.70	4,764.15	116.54	41.879		
10,500.00	6,840.00	6,715.00	6,715.00	127.23	23.87	-90.00	-1,282.82	-9,236.96	4,798.81	4,679.88	118.92	40.353		
10,600.00	6,840.00	6,715.00	6,715.00	129.78	23.87	-90.00	-1,282.82	-9,236.96	4,717.61	4,596.23	121.38	38.867		
10,700.00	6,840.00	6,715.00	6,715.00	132.35	23.87	-90.00	-1,282.82	-9,236.96	4,637.15	4,513.24	123.92	37.422		
10,800.00	6,840.00	6,715.00	6,715.00	134.91	23.87	-90.00	-1,282.82	-9,236.96	4,557.47	4,430.93	126.54	36.017		
10,900.00	6,840.00	6,715.00	6,715.00	137.49	23.87	-90.00	-1,282.82	-9,236.96	4,478.60	4,349.35	129.24	34.653		
11,000.00	6,840.00	6,715.00	6,715.00	140.07	23.87	-90.00	-1,282.82	-9,236.96	4,400.59	4,268.55	132.03	33.329		
11,100.00	6,840.00	6,715.00	6,715.00	142.65	23.87	-90.00	-1,282.82	-9,236.96	4,323.48	4,188.57	134.91	32.047		
11,200.00	6,840.00	6,715.00	6,715.00	145.24	23.87	-90.00	-1,282.82	-9,236.96	4,247.33	4,109.45	137.88	30.804		
11,300.00	6,840.00	6,715.00	6,715.00	147.83	23.87	-90.00	-1,282.82	-9,236.96	4,172.18	4,031.25	140.94	29.603		
11,400.00	6,840.00	6,715.00	6,715.00	150.43	23.87	-90.00	-1,282.82	-9,236.96	4,098.10	3,954.01	144.09	28.442		
11,500.00	6,840.00	6,715.00	6,715.00	153.04	23.87	-90.00	-1,282.82	-9,236.96	4,025.14	3,877.81	147.33	27.321		
11,600.00	6,840.00	6,715.00	6,715.00	155.64	23.87	-90.00	-1,282.82	-9,236.96	3,953.37	3,802.70	150.66	26.240		
11,700.00	6,840.00	6,715.00	6,715.00	158.26	23.87	-90.00	-1,282.82	-9,236.96	3,882.84	3,728.75	154.09	25.199		
11,800.00	6,840.00	6,715.00	6,715.00	160.87	23.87	-90.00	-1,282.82	-9,236.96	3,813.63	3,656.02	157.60	24.198		
11,900.00	6,840.00	6,715.00	6,715.00	163.49	23.87	-90.00	-1,282.82	-9,236.96	3,745.81	3,584.60	161.21	23.236		
12,000.00	6,840.00	6,715.00	6,715.00	166.11	23.87	-90.00	-1,282.82	-9,236.96	3,679.46	3,514.56	164.89	22.314		
12,100.00	6,840.00	6,715.00	6,715.00	168.74	23.87	-90.00	-1,282.82	-9,236.96	3,614.65	3,445.98	168.67	21.431		
12,200.00	6,840.00	6,715.00	6,715.00	171.37	23.87	-90.00	-1,282.82	-9,236.96	3,551.48	3,378.96	172.52	20.586		
12,300.00	6,840.00	6,715.00	6,715.00	174.00	23.87	-90.00	-1,282.82	-9,236.96	3,490.04	3,313.59	176.45	19.780		
12,400.00	6,840.00	6,715.00	6,715.00	176.63	23.87	-90.00	-1,282.82	-9,236.96	3,430.41	3,249.97	180.44	19.011		
12,500.00	6,840.00	6,715.00	6,715.00	179.27	23.87	-90.00	-1,282.82	-9,236.96	3,372.69	3,188.19	184.49	18.281		
12,600.00	6,840.00	6,715.00	6,715.00	181.91	23.87	-90.00	-1,282.82	-9,236.96	3,316.98	3,128.38	188.60	17.588		
12,700.00	6,840.00	6,715.00	6,715.00	184.55	23.87	-90.00	-1,282.82	-9,236.96	3,263.38	3,070.64	192.74	16.932		
12,800.00	6,840.00	6,715.00	6,715.00	187.19	23.87	-90.00	-1,282.82	-9,236.96	3,212.01	3,015.09	196.91	16.312		
12,900.00	6,840.00	6,715.00	6,715.00	189.84	23.87	-90.00	-1,282.82	-9,236.96	3,162.96	2,961.86	201.10	15.728		
13,000.00	6,840.00	6,715.00	6,715.00	192.48	23.87	-90.00	-1,282.82	-9,236.96	3,116.35	2,911.06	205.28	15.181		
13,100.00	6,840.00	6,715.00	6,715.00	195.13	23.87	-90.00	-1,282.82	-9,236.96	3,072.29	2,862.83	209.45	14.668		
13,200.00	6,840.00	6,715.00	6,715.00	197.79	23.87	-90.00	-1,282.82	-9,236.96	3,030.89	2,817.30	213.58	14.191		
13,300.00	6,840.00	6,715.00	6,715.00	200.44	23.87	-90.00	-1,282.82	-9,236.96	2,992.26	2,774.60	217.66	13.747		
13,400.00	6,840.00	6,715.00	6,715.00	203.10	23.87	-90.00	-1,282.82	-9,236.96	2,956.50	2,734.84	221.66	13.338		
13,500.00	6,840.00	6,715.00	6,715.00	205.75	23.87	-90.00	-1,282.82	-9,236.96	2,923.74	2,698.18	225.56	12.962		
13,600.00	6,840.00	6,715.00	6,715.00	208.41	23.87	-90.00	-1,282.82	-9,236.96	2,894.06	2,664.72	229.34	12.619		
13,700.00	6,840.00	6,715.00	6,715.00	211.07	23.87	-90.00	-1,282.82	-9,236.96	2,867.56	2,634.59	232.97	12.309		
13,800.00	6,840.00	6,715.00	6,715.00	213.74	23.87	-90.00	-1,282.82	-9,236.96	2,844.33	2,607.89	236.43	12.030		
13,900.00	6,840.00	6,715.00	6,715.00	216.40	23.87	-90.00	-1,282.82	-9,236.96	2,824.45	2,584.74	239.71	11.783		
14,000.00	6,840.00	6,715.00	6,715.00	219.06	23.87	-90.00	-1,282.82	-9,236.96	2,808.00	2,565.23	242.77	11.566		
14,100.00	6,840.00	6,715.00	6,715.00	221.73	23.87	-90.00	-1,282.82	-9,236.96	2,795.03	2,549.43	245.60	11.380		
14,200.00	6,840.00	6,715.00	6,715.00	224.40	23.87	-90.00	-1,282.82	-9,236.96	2,785.59	2,537.41	248.18	11.224		
14,300.00	6,840.00	6,715.00	6,715.00	227.07	23.87	-90.00	-1,282.82	-9,236.96	2,779.72	2,529.22	250.50	11.097		
14,400.00	6,840.00	6,715.00	6,715.00	229.74	23.87	-90.00	-1,282.82	-9,236.96	2,777.44	2,524.90	252.53	10.998		
14,413.38	6,840.00	6,715.00	6,715.00	230.09	23.87	-90.00	-1,282.82	-9,236.96	2,777.40	2,524.62	252.78	10.987 CC		
14,500.00	6,840.00	6,715.00	6,715.00	232.41	23.87	-90.00	-1,282.82	-9,236.96	2,778.75	2,524.47	254.28	10.928 ES		
14,600.00	6,840.00	6,715.00	6,715.00	235.08	23.87	-90.00	-1,282.82	-9,236.96	2,783.67	2,527.93	255.74	10.885		
14,700.00	6,840.00	6,715.00	6,715.00	237.75	23.87	-90.00	-1,282.82	-9,236.96	2,792.15	2,535.26	256.90	10.869 SF		
14,800.00	6,840.00	6,715.00	6,715.00	240.43	23.87	-90.00	-1,282.82	-9,236.96	2,804.18	2,546.42	257.76	10.879		
14,900.00	6,840.00	6,715.00	6,715.00	243.10	23.87	-90.00	-1,282.82	-9,236.96	2,819.71	2,561.38	258.33	10.915		
15,000.00	6,840.00	6,715.00	6,715.00	245.78	23.87	-90.00	-1,282.82	-9,236.96	2,838.68	2,580.05	258.62	10.976		
15,100.00	6,840.00	6,715.00	6,715.00	248.46	23.87	-90.00	-1,282.82	-9,236.96	2,861.02	2,602.38	258.64	11.062		
15,200.00	6,840.00	6,715.00	6,715.00	251.14	23.87	-90.00	-1,282.82	-9,236.96	2,886.65	2,628.25	258.39	11.171		
15,300.00	6,840.00	6,715.00	6,715.00	253.82	23.87	-90.00	-1,282.82	-9,236.96	2,915.49	2,657.58	257.90	11.305		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,715.00	6,715.00	256.50	23.87	-90.00	-1,282.82	-9,236.96	2,947.44	2,690.26	257.18	11.461		
15,500.00	6,840.00	6,715.00	6,715.00	259.18	23.87	-90.00	-1,282.82	-9,236.96	2,982.40	2,726.15	256.25	11.639		
15,600.00	6,840.00	6,715.00	6,715.00	261.86	23.87	-90.00	-1,282.82	-9,236.96	3,020.27	2,765.15	255.12	11.839		
15,700.00	6,840.00	6,715.00	6,715.00	264.54	23.87	-90.00	-1,282.82	-9,236.96	3,060.94	2,807.13	253.81	12.060		
15,800.00	6,840.00	6,715.00	6,715.00	267.23	23.87	-90.00	-1,282.82	-9,236.96	3,104.30	2,851.95	252.35	12.302		
15,900.00	6,840.00	6,715.00	6,715.00	269.91	23.87	-90.00	-1,282.82	-9,236.96	3,150.24	2,899.49	250.74	12.564		
16,000.00	6,840.00	6,715.00	6,715.00	272.59	23.87	-90.00	-1,282.82	-9,236.96	3,198.64	2,949.62	249.02	12.845		
16,100.00	6,840.00	6,715.00	6,715.00	275.28	23.87	-90.00	-1,282.82	-9,236.96	3,249.41	3,002.22	247.19	13.145		
16,200.00	6,840.00	6,715.00	6,715.00	277.97	23.87	-90.00	-1,282.82	-9,236.96	3,302.42	3,057.15	245.27	13.464		
16,300.00	6,840.00	6,715.00	6,715.00	280.65	23.87	-90.00	-1,282.82	-9,236.96	3,357.57	3,114.30	243.28	13.801		
16,400.00	6,840.00	6,715.00	6,715.00	283.34	23.87	-90.00	-1,282.82	-9,236.96	3,414.76	3,173.54	241.22	14.156		
16,500.00	6,840.00	6,715.00	6,715.00	286.03	23.87	-90.00	-1,282.82	-9,236.96	3,473.89	3,234.77	239.12	14.528		
16,600.00	6,840.00	6,715.00	6,715.00	288.72	23.87	-90.00	-1,282.82	-9,236.96	3,534.86	3,297.88	236.99	14.916		
16,700.00	6,840.00	6,715.00	6,715.00	291.41	23.87	-90.00	-1,282.82	-9,236.96	3,597.58	3,362.76	234.82	15.320		
16,800.00	6,840.00	6,715.00	6,715.00	294.10	23.87	-90.00	-1,282.82	-9,236.96	3,661.95	3,429.31	232.65	15.740		
16,900.00	6,840.00	6,715.00	6,715.00	296.79	23.87	-90.00	-1,282.82	-9,236.96	3,727.90	3,497.44	230.46	16.176		
17,000.00	6,840.00	6,715.00	6,715.00	299.48	23.87	-90.00	-1,282.82	-9,236.96	3,795.33	3,567.05	228.28	16.626		
17,100.00	6,840.00	6,715.00	6,715.00	302.17	23.87	-90.00	-1,282.82	-9,236.96	3,864.18	3,638.08	226.10	17.090		
17,200.00	6,840.00	6,715.00	6,715.00	304.86	23.87	-90.00	-1,282.82	-9,236.96	3,934.36	3,710.43	223.94	17.569		
17,300.00	6,840.00	6,715.00	6,715.00	307.56	23.87	-90.00	-1,282.82	-9,236.96	4,005.81	3,784.02	221.79	18.061		
17,400.00	6,840.00	6,715.00	6,715.00	310.25	23.87	-90.00	-1,282.82	-9,236.96	4,078.46	3,858.80	219.66	18.567		
17,500.00	6,840.00	6,715.00	6,715.00	312.94	23.87	-90.00	-1,282.82	-9,236.96	4,152.25	3,934.69	217.56	19.085		
17,600.00	6,840.00	6,715.00	6,715.00	315.64	23.87	-90.00	-1,282.82	-9,236.96	4,227.11	4,011.62	215.49	19.616		
17,700.00	6,840.00	6,715.00	6,715.00	318.33	23.87	-90.00	-1,282.82	-9,236.96	4,303.00	4,089.55	213.45	20.159		
17,800.00	6,840.00	6,715.00	6,715.00	321.03	23.87	-90.00	-1,282.82	-9,236.96	4,379.86	4,168.42	211.44	20.714		
17,900.00	6,840.00	6,715.00	6,715.00	323.72	23.87	-90.00	-1,282.82	-9,236.96	4,457.63	4,248.16	209.47	21.281		
18,000.00	6,840.00	6,715.00	6,715.00	326.42	23.87	-90.00	-1,282.82	-9,236.96	4,536.28	4,328.75	207.53	21.858		
18,100.00	6,840.00	6,715.00	6,715.00	329.11	23.87	-90.00	-1,282.82	-9,236.96	4,615.75	4,410.12	205.63	22.447		
18,200.00	6,840.00	6,715.00	6,715.00	331.81	23.87	-90.00	-1,282.82	-9,236.96	4,696.00	4,492.24	203.77	23.046		
18,300.00	6,840.00	6,715.00	6,715.00	334.51	23.87	-90.00	-1,282.82	-9,236.96	4,777.00	4,575.06	201.94	23.655		
18,400.00	6,840.00	6,715.00	6,715.00	337.20	23.87	-90.00	-1,282.82	-9,236.96	4,858.71	4,658.56	200.16	24.275		
18,500.00	6,840.00	6,715.00	6,715.00	339.90	23.87	-90.00	-1,282.82	-9,236.96	4,941.09	4,742.69	198.41	24.904		
18,600.00	6,840.00	6,715.00	6,715.00	342.60	23.87	-90.00	-1,282.82	-9,236.96	5,024.12	4,827.42	196.70	25.542		
18,700.00	6,840.00	6,715.00	6,715.00	345.30	23.87	-90.00	-1,282.82	-9,236.96	5,107.74	4,912.72	195.03	26.190		
18,800.00	6,840.00	6,715.00	6,715.00	348.00	23.87	-90.00	-1,282.82	-9,236.96	5,191.95	4,998.56	193.40	26.846		
18,900.00	6,840.00	6,715.00	6,715.00	350.70	23.87	-90.00	-1,282.82	-9,236.96	5,276.71	5,084.91	191.80	27.512		
19,000.00	6,840.00	6,715.00	6,715.00	353.39	23.87	-90.00	-1,282.82	-9,236.96	5,362.00	5,171.76	190.24	28.185		
19,100.00	6,840.00	6,715.00	6,715.00	356.09	23.87	-90.00	-1,282.82	-9,236.96	5,447.78	5,259.06	188.72	28.867		
19,200.00	6,840.00	6,715.00	6,715.00	358.79	23.87	-90.00	-1,282.82	-9,236.96	5,534.05	5,346.81	187.23	29.557		
19,300.00	6,840.00	6,715.00	6,715.00	361.49	23.87	-90.00	-1,282.82	-9,236.96	5,620.76	5,434.98	185.78	30.254		
19,400.00	6,840.00	6,715.00	6,715.00	364.20	23.87	-90.00	-1,282.82	-9,236.96	5,707.92	5,523.55	184.37	30.959		
19,500.00	6,840.00	6,715.00	6,715.00	366.90	23.87	-90.00	-1,282.82	-9,236.96	5,795.48	5,612.50	182.99	31.672		
19,600.00	6,840.00	6,715.00	6,715.00	369.60	23.87	-90.00	-1,282.82	-9,236.96	5,883.45	5,701.81	181.64	32.391		
19,700.00	6,840.00	6,715.00	6,715.00	372.30	23.87	-90.00	-1,282.82	-9,236.96	5,971.79	5,791.47	180.32	33.117		
19,800.00	6,840.00	6,715.00	6,715.00	375.00	23.87	-90.00	-1,282.82	-9,236.96	6,060.50	5,881.46	179.04	33.851		
19,900.00	6,840.00	6,715.00	6,715.00	377.70	23.87	-90.00	-1,282.82	-9,236.96	6,149.55	5,971.76	177.78	34.590		
20,000.00	6,840.00	6,715.00	6,715.00	380.40	23.87	-90.00	-1,282.82	-9,236.96	6,238.93	6,062.37	176.56	35.336		
20,100.00	6,840.00	6,715.00	6,715.00	383.11	23.87	-90.00	-1,282.82	-9,236.96	6,328.63	6,153.27	175.37	36.088		
20,200.00	6,840.00	6,715.00	6,715.00	385.81	23.87	-90.00	-1,282.82	-9,236.96	6,418.64	6,244.44	174.20	36.846		
20,300.00	6,840.00	6,715.00	6,715.00	388.51	23.87	-90.00	-1,282.82	-9,236.96	6,508.93	6,335.87	173.06	37.610		
20,400.00	6,840.00	6,715.00	6,715.00	391.22	23.87	-90.00	-1,282.82	-9,236.96	6,599.51	6,427.56	171.95	38.380		
20,500.00	6,840.00	6,715.00	6,715.00	393.92	23.87	-90.00	-1,282.82	-9,236.96	6,690.36	6,519.49	170.87	39.155		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 1 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,715.00	6,715.00	394.99	23.87	-90.00	-1,282.82	-9,236.96	6,726.49	6,556.04	170.45	39.464	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-100.59	-1,824.34	-9,754.76	9,924.57					
100.00	100.00	0.00	0.00	0.13	0.00	-100.59	-1,824.34	-9,754.76	9,923.90	9,923.76	0.13	N/A		
140.16	140.16	23.16	23.16	0.28	0.18	-100.59	-1,824.34	-9,754.76	9,923.88	9,923.42	0.46	N/A		
200.00	200.00	83.00	83.00	0.49	0.65	-100.59	-1,824.34	-9,754.76	9,923.88	9,922.74	1.14	8,668.814		
300.00	300.00	183.00	183.00	0.85	2.23	-100.59	-1,824.34	-9,754.76	9,923.88	9,920.80	3.09	3,216.409		
400.00	400.00	283.00	283.00	1.21	3.98	-100.59	-1,824.34	-9,754.76	9,923.88	9,918.69	5.19	1,912.413		
500.00	500.00	383.00	383.00	1.57	5.72	-100.59	-1,824.34	-9,754.76	9,923.88	9,916.59	7.29	1,360.742		
600.00	599.98	482.98	482.98	1.92	7.47	-46.01	-1,824.34	-9,754.76	9,922.67	9,913.28	9.39	1,056.378		
700.00	699.84	582.84	582.84	2.28	9.21	-46.08	-1,824.34	-9,754.76	9,919.04	9,907.54	11.49	863.175		
800.00	799.45	682.45	682.45	2.65	10.95	-46.21	-1,824.34	-9,754.76	9,912.98	9,899.39	13.59	729.413		
900.00	898.70	781.70	781.70	3.02	12.68	-46.38	-1,824.34	-9,754.76	9,904.53	9,888.84	15.69	631.243		
1,000.00	997.47	880.47	880.47	3.42	14.41	-46.60	-1,824.34	-9,754.76	9,893.69	9,875.90	17.79	556.047		
1,100.00	1,095.62	978.62	978.62	3.84	16.12	-46.88	-1,824.34	-9,754.76	9,880.49	9,860.59	19.90	496.532		
1,200.00	1,193.06	1,076.06	1,076.06	4.30	17.82	-47.20	-1,824.34	-9,754.76	9,864.94	9,842.93	22.01	448.193		
1,300.00	1,289.64	1,172.64	1,172.64	4.79	19.51	-47.58	-1,824.34	-9,754.76	9,847.09	9,822.96	24.13	408.097		
1,400.00	1,385.27	1,268.27	1,268.27	5.33	21.18	-48.00	-1,824.34	-9,754.76	9,826.97	9,800.71	26.26	374.255		
1,500.00	1,479.82	1,362.82	1,362.82	5.92	22.83	-48.48	-1,824.34	-9,754.76	9,804.62	9,776.22	28.40	345.273		
1,600.00	1,573.17	1,456.17	1,456.17	6.56	24.46	-49.02	-1,824.34	-9,754.76	9,780.08	9,749.53	30.55	320.143		
1,700.00	1,665.22	1,548.22	1,548.22	7.26	26.06	-49.55	-1,824.34	-9,754.76	9,753.42	9,720.71	32.72	298.107		
1,800.00	1,756.74	1,639.74	1,639.74	7.99	27.66	-49.72	-1,824.34	-9,754.76	9,726.00	9,691.10	34.90	278.695		
1,900.00	1,848.26	1,731.26	1,731.26	8.75	29.26	-49.90	-1,824.34	-9,754.76	9,698.66	9,661.56	37.10	261.452		
2,000.00	1,939.78	1,822.78	1,822.78	9.51	30.85	-50.07	-1,824.34	-9,754.76	9,671.41	9,632.11	39.31	246.054		
2,100.00	2,031.30	1,914.30	1,914.30	10.29	32.45	-50.24	-1,824.34	-9,754.76	9,644.26	9,602.73	41.53	232.234		
2,200.00	2,122.82	2,005.82	2,005.82	11.07	34.05	-50.42	-1,824.34	-9,754.76	9,617.20	9,573.44	43.76	219.772		
2,300.00	2,214.34	2,102.66	2,097.34	11.86	35.74	-50.60	-1,824.34	-9,754.76	9,590.23	9,544.13	46.09	208.062		
2,400.00	2,305.85	2,188.85	2,188.85	12.66	37.24	-50.77	-1,824.34	-9,754.76	9,563.35	9,515.10	48.25	198.213		
2,500.00	2,397.37	2,280.37	2,280.37	13.46	38.84	-50.95	-1,824.34	-9,754.76	9,536.57	9,486.07	50.50	188.836		
2,600.00	2,488.89	2,371.89	2,371.89	14.26	40.44	-51.13	-1,824.34	-9,754.76	9,509.88	9,457.12	52.76	180.240		
2,700.00	2,580.41	2,463.41	2,463.41	15.07	42.03	-51.31	-1,824.34	-9,754.76	9,483.29	9,428.27	55.03	172.336		
2,800.00	2,671.93	2,554.93	2,554.93	15.88	43.63	-51.49	-1,824.34	-9,754.76	9,456.80	9,399.50	57.30	165.044		
2,900.00	2,763.45	2,646.45	2,646.45	16.69	45.23	-51.67	-1,824.34	-9,754.76	9,430.41	9,370.83	59.57	158.297		
3,000.00	2,854.97	2,737.97	2,737.97	17.51	46.83	-51.86	-1,824.34	-9,754.76	9,404.11	9,342.26	61.85	152.037		
3,100.00	2,946.49	2,829.49	2,829.49	18.32	48.42	-52.04	-1,824.34	-9,754.76	9,377.92	9,313.78	64.14	146.215		
3,200.00	3,038.00	2,921.00	2,921.00	19.14	50.02	-52.22	-1,824.34	-9,754.76	9,351.82	9,285.39	66.43	140.785		
3,300.00	3,129.52	3,012.52	3,012.52	19.96	51.62	-52.41	-1,824.34	-9,754.76	9,325.82	9,257.11	68.72	135.711		
3,400.00	3,221.04	3,104.04	3,104.04	20.77	53.22	-52.60	-1,824.34	-9,754.76	9,299.93	9,228.92	71.01	130.960		
3,500.00	3,312.56	3,204.44	3,195.56	21.59	54.97	-52.78	-1,824.34	-9,754.76	9,274.14	9,200.67	73.47	126.234		
3,600.00	3,404.08	3,287.08	3,287.08	22.42	56.41	-52.97	-1,824.34	-9,754.76	9,248.45	9,172.84	75.62	122.309		
3,700.00	3,495.60	3,378.60	3,378.60	23.24	58.01	-53.16	-1,824.34	-9,754.76	9,222.87	9,144.95	77.92	118.361		
3,800.00	3,587.12	3,470.12	3,470.12	24.06	59.61	-53.35	-1,824.34	-9,754.76	9,197.40	9,117.16	80.23	114.636		
3,900.00	3,678.63	3,561.63	3,561.63	24.88	61.20	-53.54	-1,824.34	-9,754.76	9,172.03	9,089.48	82.54	111.117		
4,000.00	3,770.15	3,653.15	3,653.15	25.71	62.80	-53.73	-1,824.34	-9,754.76	9,146.76	9,061.90	84.86	107.787		
4,100.00	3,861.67	3,744.67	3,744.67	26.53	64.40	-53.93	-1,824.34	-9,754.76	9,121.61	9,034.43	87.18	104.631		
4,200.00	3,953.19	3,836.19	3,836.19	27.35	65.99	-54.12	-1,824.34	-9,754.76	9,096.56	9,007.06	89.50	101.636		
4,300.00	4,044.71	3,927.71	3,927.71	28.18	67.59	-54.32	-1,824.34	-9,754.76	9,071.63	8,979.80	91.83	98.791		
4,400.00	4,136.23	4,019.23	4,019.23	29.01	69.19	-54.51	-1,824.34	-9,754.76	9,046.80	8,952.65	94.15	96.084		
4,500.00	4,227.75	4,110.75	4,110.75	29.83	70.79	-54.71	-1,824.34	-9,754.76	9,022.09	8,925.60	96.49	93.507		
4,600.00	4,319.27	4,202.27	4,202.27	30.66	72.38	-54.91	-1,824.34	-9,754.76	8,997.49	8,898.67	98.82	91.049		
4,700.00	4,410.78	4,306.22	4,293.78	31.48	74.20	-55.10	-1,824.34	-9,754.76	8,973.00	8,871.63	101.37	88.513		
4,800.00	4,502.30	4,385.30	4,385.30	32.31	75.58	-55.30	-1,824.34	-9,754.76	8,948.63	8,845.13	103.50	86.462		
4,900.00	4,593.82	4,476.82	4,476.82	33.14	77.18	-55.50	-1,824.34	-9,754.76	8,924.37	8,818.53	105.84	84.318		
5,000.00	4,685.34	4,568.34	4,568.34	33.96	78.77	-55.71	-1,824.34	-9,754.76	8,900.23	8,792.04	108.19	82.267		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,659.86	4,659.86	34.79	80.37	-55.91	-1,824.34	-9,754.76	8,876.21	8,765.67	110.54	80.301		
5,200.00	4,868.38	4,751.38	4,751.38	35.62	81.97	-56.11	-1,824.34	-9,754.76	8,852.30	8,739.41	112.89	78.417		
5,300.00	4,959.90	4,842.90	4,842.90	36.45	83.56	-56.32	-1,824.34	-9,754.76	8,828.52	8,713.27	115.24	76.608		
5,400.00	5,051.41	4,934.41	4,934.41	37.27	85.16	-56.52	-1,824.34	-9,754.76	8,804.85	8,687.25	117.60	74.871		
5,500.00	5,142.93	5,025.93	5,025.93	38.10	86.76	-56.73	-1,824.34	-9,754.76	8,781.31	8,661.34	119.96	73.201		
5,600.00	5,234.45	5,117.45	5,117.45	38.93	88.36	-56.94	-1,824.34	-9,754.76	8,757.88	8,635.56	122.32	71.596		
5,700.00	5,325.97	5,208.97	5,208.97	39.76	89.95	-57.15	-1,824.34	-9,754.76	8,734.58	8,609.89	124.69	70.050		
5,800.00	5,417.49	5,300.49	5,300.49	40.59	91.55	-57.35	-1,824.34	-9,754.76	8,711.41	8,584.35	127.06	68.562		
5,900.00	5,509.01	5,407.99	5,392.01	41.42	93.43	-57.57	-1,824.34	-9,754.76	8,688.36	8,558.65	129.71	66.983		
6,000.00	5,600.53	5,483.53	5,483.53	42.25	94.75	-57.78	-1,824.34	-9,754.76	8,665.44	8,533.63	131.81	65.744		
6,100.00	5,692.04	5,575.04	5,575.04	43.07	96.34	-57.99	-1,824.34	-9,754.76	8,642.64	8,508.46	134.18	64.410		
6,200.00	5,783.56	5,666.56	5,666.56	43.90	97.94	-58.20	-1,824.34	-9,754.76	8,619.97	8,483.41	136.56	63.121		
6,300.00	5,875.08	5,758.08	5,758.08	44.73	99.54	-58.42	-1,824.34	-9,754.76	8,597.43	8,458.49	138.95	61.876		
6,400.00	5,966.60	5,849.60	5,849.60	45.56	101.13	-58.63	-1,824.34	-9,754.76	8,575.02	8,433.69	141.33	60.673		
6,500.00	6,058.12	5,941.12	5,941.12	46.39	102.73	-58.85	-1,824.34	-9,754.76	8,552.74	8,409.03	143.72	59.510		
6,600.00	6,149.64	6,032.64	6,032.64	47.22	104.33	-59.07	-1,824.34	-9,754.76	8,530.60	8,384.49	146.11	58.385		
6,700.00	6,241.16	6,124.16	6,124.16	48.05	105.93	-59.28	-1,824.34	-9,754.76	8,508.59	8,360.08	148.50	57.295		
6,800.00	6,332.68	6,215.68	6,215.68	48.88	107.52	-59.50	-1,824.34	-9,754.76	8,486.71	8,335.81	150.90	56.241		
6,900.00	6,424.19	6,307.19	6,307.19	49.71	109.12	-59.72	-1,824.34	-9,754.76	8,464.97	8,311.67	153.30	55.219		
7,000.00	6,514.88	6,402.12	6,397.88	50.58	110.78	-54.36	-1,824.34	-9,754.76	8,441.20	8,285.42	155.78	54.187		
7,100.00	6,599.14	6,482.14	6,482.14	51.67	112.17	-48.92	-1,824.34	-9,754.76	8,404.08	8,245.96	158.12	53.150		
7,200.00	6,673.85	6,556.85	6,556.85	53.01	113.48	-47.62	-1,824.34	-9,754.76	8,352.99	8,192.52	160.47	52.053		
7,300.00	6,736.73	6,619.73	6,619.73	54.56	114.58	-49.47	-1,824.34	-9,754.76	8,289.52	8,126.84	162.68	50.956		
7,400.00	6,785.87	6,668.87	6,668.87	56.29	115.43	-54.60	-1,824.34	-9,754.76	8,215.64	8,050.96	164.68	49.889		
7,500.00	6,819.79	6,702.79	6,702.79	58.13	116.03	-63.98	-1,824.34	-9,754.76	8,133.60	7,967.20	166.39	48.882		
7,600.00	6,837.44	6,720.44	6,720.44	60.02	116.33	-79.08	-1,824.34	-9,754.76	8,045.87	7,878.11	167.77	47.958		
7,700.00	6,840.00	6,723.00	6,723.00	61.90	116.38	-90.00	-1,824.34	-9,754.76	7,955.24	7,786.44	168.80	47.128		
7,800.00	6,840.00	6,723.00	6,723.00	63.83	116.38	-90.00	-1,824.34	-9,754.76	7,864.49	7,694.68	169.80	46.315		
7,900.00	6,840.00	6,723.00	6,723.00	65.81	116.38	-90.00	-1,824.34	-9,754.76	7,773.95	7,603.12	170.84	45.505		
8,000.00	6,840.00	6,723.00	6,723.00	67.84	116.38	-90.00	-1,824.34	-9,754.76	7,683.66	7,511.75	171.91	44.695		
8,100.00	6,840.00	6,723.00	6,723.00	69.91	116.38	-90.00	-1,824.34	-9,754.76	7,593.61	7,420.58	173.02	43.888		
8,200.00	6,840.00	6,723.00	6,723.00	72.03	116.38	-90.00	-1,824.34	-9,754.76	7,503.80	7,329.63	174.17	43.083		
8,300.00	6,840.00	6,723.00	6,723.00	74.18	116.38	-90.00	-1,824.34	-9,754.76	7,414.26	7,238.91	175.36	42.280		
8,400.00	6,840.00	6,723.00	6,723.00	76.37	116.38	-90.00	-1,824.34	-9,754.76	7,325.00	7,148.41	176.59	41.481		
8,500.00	6,840.00	6,723.00	6,723.00	78.59	116.38	-90.00	-1,824.34	-9,754.76	7,236.01	7,058.15	177.86	40.685		
8,600.00	6,840.00	6,723.00	6,723.00	80.85	116.38	-90.00	-1,824.34	-9,754.76	7,147.31	6,968.14	179.17	39.892		
8,700.00	6,840.00	6,723.00	6,723.00	83.13	116.38	-90.00	-1,824.34	-9,754.76	7,058.91	6,878.39	180.52	39.103		
8,800.00	6,840.00	6,723.00	6,723.00	85.44	116.38	-90.00	-1,824.34	-9,754.76	6,970.83	6,788.91	181.92	38.318		
8,900.00	6,840.00	6,723.00	6,723.00	87.77	116.38	-90.00	-1,824.34	-9,754.76	6,883.08	6,699.72	183.36	37.538		
9,000.00	6,840.00	6,723.00	6,723.00	90.12	116.38	-90.00	-1,824.34	-9,754.76	6,795.66	6,610.81	184.85	36.763		
9,100.00	6,840.00	6,723.00	6,723.00	92.50	116.38	-90.00	-1,824.34	-9,754.76	6,708.59	6,522.21	186.38	35.993		
9,200.00	6,840.00	6,723.00	6,723.00	94.89	116.38	-90.00	-1,824.34	-9,754.76	6,621.89	6,433.93	187.97	35.229		
9,300.00	6,840.00	6,723.00	6,723.00	97.30	116.38	-90.00	-1,824.34	-9,754.76	6,535.57	6,345.97	189.60	34.470		
9,400.00	6,840.00	6,723.00	6,723.00	99.73	116.38	-90.00	-1,824.34	-9,754.76	6,449.65	6,258.36	191.28	33.718		
9,500.00	6,840.00	6,723.00	6,723.00	102.17	116.38	-90.00	-1,824.34	-9,754.76	6,364.13	6,171.11	193.02	32.972		
9,600.00	6,840.00	6,723.00	6,723.00	104.63	116.38	-90.00	-1,824.34	-9,754.76	6,279.05	6,084.24	194.81	32.232		
9,700.00	6,840.00	6,723.00	6,723.00	107.10	116.38	-90.00	-1,824.34	-9,754.76	6,194.41	5,997.76	196.65	31.500		
9,800.00	6,840.00	6,723.00	6,723.00	109.58	116.38	-90.00	-1,824.34	-9,754.76	6,110.23	5,911.68	198.55	30.775		
9,900.00	6,840.00	6,723.00	6,723.00	112.07	116.38	-90.00	-1,824.34	-9,754.76	6,026.54	5,826.04	200.50	30.058		
10,000.00	6,840.00	6,723.00	6,723.00	114.58	116.38	-90.00	-1,824.34	-9,754.76	5,943.35	5,740.84	202.51	29.348		
10,100.00	6,840.00	6,723.00	6,723.00	117.09	116.38	-90.00	-1,824.34	-9,754.76	5,860.68	5,656.10	204.58	28.647		
10,200.00	6,840.00	6,723.00	6,723.00	119.61	116.38	-90.00	-1,824.34	-9,754.76	5,778.57	5,571.85	206.71	27.954		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,723.00	6,723.00	122.14	116.38	-90.00	-1,824.34	-9,754.76	5,697.03	5,488.12	208.91	27.270		
10,400.00	6,840.00	6,723.00	6,723.00	124.68	116.38	-90.00	-1,824.34	-9,754.76	5,616.08	5,404.91	211.17	26.595		
10,500.00	6,840.00	6,723.00	6,723.00	127.23	116.38	-90.00	-1,824.34	-9,754.76	5,535.75	5,322.27	213.49	25.930		
10,600.00	6,840.00	6,723.00	6,723.00	129.78	116.38	-90.00	-1,824.34	-9,754.76	5,456.08	5,240.20	215.88	25.274		
10,700.00	6,840.00	6,723.00	6,723.00	132.35	116.38	-90.00	-1,824.34	-9,754.76	5,377.09	5,158.75	218.33	24.628		
10,800.00	6,840.00	6,723.00	6,723.00	134.91	116.38	-90.00	-1,824.34	-9,754.76	5,298.80	5,077.94	220.86	23.992		
10,900.00	6,840.00	6,723.00	6,723.00	137.49	116.38	-90.00	-1,824.34	-9,754.76	5,221.26	4,997.81	223.45	23.366		
11,000.00	6,840.00	6,723.00	6,723.00	140.07	116.38	-90.00	-1,824.34	-9,754.76	5,144.49	4,918.37	226.12	22.752		
11,100.00	6,840.00	6,723.00	6,723.00	142.65	116.38	-90.00	-1,824.34	-9,754.76	5,068.53	4,839.68	228.85	22.148		
11,200.00	6,840.00	6,723.00	6,723.00	145.24	116.38	-90.00	-1,824.34	-9,754.76	4,993.42	4,761.76	231.66	21.555		
11,300.00	6,840.00	6,723.00	6,723.00	147.83	116.38	-90.00	-1,824.34	-9,754.76	4,919.20	4,684.66	234.54	20.974		
11,400.00	6,840.00	6,723.00	6,723.00	150.43	116.38	-90.00	-1,824.34	-9,754.76	4,845.90	4,608.40	237.50	20.404		
11,500.00	6,840.00	6,723.00	6,723.00	153.04	116.38	-90.00	-1,824.34	-9,754.76	4,773.57	4,533.05	240.52	19.847		
11,600.00	6,840.00	6,723.00	6,723.00	155.64	116.38	-90.00	-1,824.34	-9,754.76	4,702.26	4,458.63	243.63	19.301		
11,700.00	6,840.00	6,723.00	6,723.00	158.26	116.38	-90.00	-1,824.34	-9,754.76	4,632.00	4,385.20	246.80	18.768		
11,800.00	6,840.00	6,723.00	6,723.00	160.87	116.38	-90.00	-1,824.34	-9,754.76	4,562.86	4,312.81	250.05	18.247		
11,900.00	6,840.00	6,723.00	6,723.00	163.49	116.38	-90.00	-1,824.34	-9,754.76	4,494.88	4,241.50	253.38	17.740		
12,000.00	6,840.00	6,723.00	6,723.00	166.11	116.38	-90.00	-1,824.34	-9,754.76	4,428.11	4,171.34	256.77	17.245		
12,100.00	6,840.00	6,723.00	6,723.00	168.74	116.38	-90.00	-1,824.34	-9,754.76	4,362.61	4,102.38	260.24	16.764		
12,200.00	6,840.00	6,723.00	6,723.00	171.37	116.38	-90.00	-1,824.34	-9,754.76	4,298.45	4,034.68	263.77	16.296		
12,300.00	6,840.00	6,723.00	6,723.00	174.00	116.38	-90.00	-1,824.34	-9,754.76	4,235.67	3,968.30	267.36	15.842		
12,400.00	6,840.00	6,723.00	6,723.00	176.63	116.38	-90.00	-1,824.34	-9,754.76	4,174.34	3,903.32	271.02	15.402		
12,500.00	6,840.00	6,723.00	6,723.00	179.27	116.38	-90.00	-1,824.34	-9,754.76	4,114.53	3,839.79	274.74	14.976		
12,600.00	6,840.00	6,723.00	6,723.00	181.91	116.38	-90.00	-1,824.34	-9,754.76	4,056.30	3,777.79	278.51	14.564		
12,700.00	6,840.00	6,723.00	6,723.00	184.55	116.38	-90.00	-1,824.34	-9,754.76	3,999.73	3,717.40	282.33	14.167		
12,800.00	6,840.00	6,723.00	6,723.00	187.19	116.38	-90.00	-1,824.34	-9,754.76	3,944.88	3,658.69	286.19	13.784		
12,900.00	6,840.00	6,723.00	6,723.00	189.84	116.38	-90.00	-1,824.34	-9,754.76	3,891.83	3,601.74	290.09	13.416		
13,000.00	6,840.00	6,723.00	6,723.00	192.48	116.38	-90.00	-1,824.34	-9,754.76	3,840.65	3,546.63	294.02	13.063		
13,100.00	6,840.00	6,723.00	6,723.00	195.13	116.38	-90.00	-1,824.34	-9,754.76	3,791.41	3,493.45	297.96	12.724		
13,200.00	6,840.00	6,723.00	6,723.00	197.79	116.38	-90.00	-1,824.34	-9,754.76	3,744.20	3,442.28	301.92	12.401		
13,300.00	6,840.00	6,723.00	6,723.00	200.44	116.38	-90.00	-1,824.34	-9,754.76	3,699.09	3,393.21	305.88	12.093		
13,400.00	6,840.00	6,723.00	6,723.00	203.10	116.38	-90.00	-1,824.34	-9,754.76	3,656.16	3,346.34	309.82	11.801		
13,500.00	6,840.00	6,723.00	6,723.00	205.75	116.38	-90.00	-1,824.34	-9,754.76	3,615.49	3,301.74	313.75	11.524		
13,600.00	6,840.00	6,723.00	6,723.00	208.41	116.38	-90.00	-1,824.34	-9,754.76	3,577.15	3,259.51	317.64	11.262		
13,700.00	6,840.00	6,723.00	6,723.00	211.07	116.38	-90.00	-1,824.34	-9,754.76	3,541.22	3,219.74	321.47	11.016		
13,800.00	6,840.00	6,723.00	6,723.00	213.74	116.38	-90.00	-1,824.34	-9,754.76	3,507.77	3,182.52	325.25	10.785		
13,900.00	6,840.00	6,723.00	6,723.00	216.40	116.38	-90.00	-1,824.34	-9,754.76	3,476.88	3,147.93	328.95	10.570		
14,000.00	6,840.00	6,723.00	6,723.00	219.06	116.38	-90.00	-1,824.34	-9,754.76	3,448.62	3,116.06	332.56	10.370		
14,100.00	6,840.00	6,723.00	6,723.00	221.73	116.38	-90.00	-1,824.34	-9,754.76	3,423.04	3,086.98	336.06	10.186		
14,200.00	6,840.00	6,723.00	6,723.00	224.40	116.38	-90.00	-1,824.34	-9,754.76	3,400.21	3,060.77	339.44	10.017		
14,300.00	6,840.00	6,723.00	6,723.00	227.07	116.38	-90.00	-1,824.34	-9,754.76	3,380.19	3,037.50	342.68	9.864		
14,400.00	6,840.00	6,723.00	6,723.00	229.74	116.38	-90.00	-1,824.34	-9,754.76	3,363.02	3,017.24	345.78	9.726		
14,500.00	6,840.00	6,723.00	6,723.00	232.41	116.38	-90.00	-1,824.34	-9,754.76	3,348.75	3,000.05	348.70	9.603		
14,600.00	6,840.00	6,723.00	6,723.00	235.08	116.38	-90.00	-1,824.34	-9,754.76	3,337.42	2,985.96	351.46	9.496		
14,700.00	6,840.00	6,723.00	6,723.00	237.75	116.38	-90.00	-1,824.34	-9,754.76	3,329.06	2,975.03	354.02	9.403		
14,800.00	6,840.00	6,723.00	6,723.00	240.43	116.38	-90.00	-1,824.34	-9,754.76	3,323.68	2,967.29	356.39	9.326		
14,900.00	6,840.00	6,723.00	6,723.00	243.10	116.38	-90.00	-1,824.34	-9,754.76	3,321.31	2,962.75	358.56	9.263		
14,928.81	6,840.00	6,723.00	6,723.00	243.88	116.38	-90.00	-1,824.34	-9,754.76	3,321.18	2,962.04	359.14	9.248 CC		
15,000.00	6,840.00	6,723.00	6,723.00	245.78	116.38	-90.00	-1,824.34	-9,754.76	3,321.95	2,961.44	360.51	9.215 ES		
15,100.00	6,840.00	6,723.00	6,723.00	248.46	116.38	-90.00	-1,824.34	-9,754.76	3,325.59	2,963.35	362.24	9.181		
15,200.00	6,840.00	6,723.00	6,723.00	251.14	116.38	-90.00	-1,824.34	-9,754.76	3,332.24	2,968.49	363.75	9.161		
15,300.00	6,840.00	6,723.00	6,723.00	253.82	116.38	-90.00	-1,824.34	-9,754.76	3,341.86	2,976.82	365.04	9.155 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,723.00	6,723.00	256.50	116.38	-90.00	-1,824.34	-9,754.76	3,354.44	2,988.34	366.11	9.162		
15,500.00	6,840.00	6,723.00	6,723.00	259.18	116.38	-90.00	-1,824.34	-9,754.76	3,369.95	3,002.99	366.95	9.184		
15,600.00	6,840.00	6,723.00	6,723.00	261.86	116.38	-90.00	-1,824.34	-9,754.76	3,388.33	3,020.75	367.58	9.218		
15,700.00	6,840.00	6,723.00	6,723.00	264.54	116.38	-90.00	-1,824.34	-9,754.76	3,409.55	3,041.55	368.00	9.265		
15,800.00	6,840.00	6,723.00	6,723.00	267.23	116.38	-90.00	-1,824.34	-9,754.76	3,433.55	3,065.33	368.22	9.325		
15,900.00	6,840.00	6,723.00	6,723.00	269.91	116.38	-90.00	-1,824.34	-9,754.76	3,460.27	3,092.04	368.23	9.397		
16,000.00	6,840.00	6,723.00	6,723.00	272.59	116.38	-90.00	-1,824.34	-9,754.76	3,489.66	3,121.60	368.06	9.481		
16,100.00	6,840.00	6,723.00	6,723.00	275.28	116.38	-90.00	-1,824.34	-9,754.76	3,521.64	3,153.93	367.71	9.577		
16,200.00	6,840.00	6,723.00	6,723.00	277.97	116.38	-90.00	-1,824.34	-9,754.76	3,556.15	3,188.95	367.20	9.685		
16,300.00	6,840.00	6,723.00	6,723.00	280.65	116.38	-90.00	-1,824.34	-9,754.76	3,593.11	3,226.58	366.53	9.803		
16,400.00	6,840.00	6,723.00	6,723.00	283.34	116.38	-90.00	-1,824.34	-9,754.76	3,632.45	3,266.74	365.71	9.933		
16,500.00	6,840.00	6,723.00	6,723.00	286.03	116.38	-90.00	-1,824.34	-9,754.76	3,674.09	3,309.33	364.76	10.073		
16,600.00	6,840.00	6,723.00	6,723.00	288.72	116.38	-90.00	-1,824.34	-9,754.76	3,717.95	3,354.27	363.68	10.223		
16,700.00	6,840.00	6,723.00	6,723.00	291.41	116.38	-90.00	-1,824.34	-9,754.76	3,763.96	3,401.46	362.50	10.383		
16,800.00	6,840.00	6,723.00	6,723.00	294.10	116.38	-90.00	-1,824.34	-9,754.76	3,812.04	3,450.83	361.21	10.553		
16,900.00	6,840.00	6,723.00	6,723.00	296.79	116.38	-90.00	-1,824.34	-9,754.76	3,862.11	3,502.27	359.84	10.733		
17,000.00	6,840.00	6,723.00	6,723.00	299.48	116.38	-90.00	-1,824.34	-9,754.76	3,914.09	3,555.71	358.38	10.922		
17,100.00	6,840.00	6,723.00	6,723.00	302.17	116.38	-90.00	-1,824.34	-9,754.76	3,967.92	3,611.06	356.86	11.119		
17,200.00	6,840.00	6,723.00	6,723.00	304.86	116.38	-90.00	-1,824.34	-9,754.76	4,023.51	3,668.24	355.27	11.325		
17,300.00	6,840.00	6,723.00	6,723.00	307.56	116.38	-90.00	-1,824.34	-9,754.76	4,080.79	3,727.16	353.63	11.540		
17,400.00	6,840.00	6,723.00	6,723.00	310.25	116.38	-90.00	-1,824.34	-9,754.76	4,139.69	3,787.74	351.95	11.762		
17,500.00	6,840.00	6,723.00	6,723.00	312.94	116.38	-90.00	-1,824.34	-9,754.76	4,200.16	3,849.92	350.24	11.992		
17,600.00	6,840.00	6,723.00	6,723.00	315.64	116.38	-90.00	-1,824.34	-9,754.76	4,262.11	3,913.62	348.49	12.230		
17,700.00	6,840.00	6,723.00	6,723.00	318.33	116.38	-90.00	-1,824.34	-9,754.76	4,325.48	3,978.76	346.72	12.475		
17,800.00	6,840.00	6,723.00	6,723.00	321.03	116.38	-90.00	-1,824.34	-9,754.76	4,390.22	4,045.28	344.94	12.728		
17,900.00	6,840.00	6,723.00	6,723.00	323.72	116.38	-90.00	-1,824.34	-9,754.76	4,456.26	4,113.12	343.14	12.987		
18,000.00	6,840.00	6,723.00	6,723.00	326.42	116.38	-90.00	-1,824.34	-9,754.76	4,523.55	4,182.21	341.34	13.252		
18,100.00	6,840.00	6,723.00	6,723.00	329.11	116.38	-90.00	-1,824.34	-9,754.76	4,592.03	4,252.50	339.53	13.525		
18,200.00	6,840.00	6,723.00	6,723.00	331.81	116.38	-90.00	-1,824.34	-9,754.76	4,661.65	4,323.92	337.73	13.803		
18,300.00	6,840.00	6,723.00	6,723.00	334.51	116.38	-90.00	-1,824.34	-9,754.76	4,732.36	4,396.43	335.93	14.087		
18,400.00	6,840.00	6,723.00	6,723.00	337.20	116.38	-90.00	-1,824.34	-9,754.76	4,804.11	4,469.97	334.14	14.377		
18,500.00	6,840.00	6,723.00	6,723.00	339.90	116.38	-90.00	-1,824.34	-9,754.76	4,876.85	4,544.49	332.36	14.673		
18,600.00	6,840.00	6,723.00	6,723.00	342.60	116.38	-90.00	-1,824.34	-9,754.76	4,950.55	4,619.95	330.60	14.974		
18,700.00	6,840.00	6,723.00	6,723.00	345.30	116.38	-90.00	-1,824.34	-9,754.76	5,025.15	4,696.30	328.85	15.281		
18,800.00	6,840.00	6,723.00	6,723.00	348.00	116.38	-90.00	-1,824.34	-9,754.76	5,100.63	4,773.51	327.12	15.592		
18,900.00	6,840.00	6,723.00	6,723.00	350.70	116.38	-90.00	-1,824.34	-9,754.76	5,176.94	4,851.52	325.41	15.909		
19,000.00	6,840.00	6,723.00	6,723.00	353.39	116.38	-90.00	-1,824.34	-9,754.76	5,254.04	4,930.32	323.72	16.230		
19,100.00	6,840.00	6,723.00	6,723.00	356.09	116.38	-90.00	-1,824.34	-9,754.76	5,331.90	5,009.85	322.05	16.556		
19,200.00	6,840.00	6,723.00	6,723.00	358.79	116.38	-90.00	-1,824.34	-9,754.76	5,410.49	5,090.08	320.41	16.886		
19,300.00	6,840.00	6,723.00	6,723.00	361.49	116.38	-90.00	-1,824.34	-9,754.76	5,489.77	5,170.99	318.79	17.221		
19,400.00	6,840.00	6,723.00	6,723.00	364.20	116.38	-90.00	-1,824.34	-9,754.76	5,569.73	5,252.54	317.19	17.560		
19,500.00	6,840.00	6,723.00	6,723.00	366.90	116.38	-90.00	-1,824.34	-9,754.76	5,650.32	5,334.70	315.62	17.902		
19,600.00	6,840.00	6,723.00	6,723.00	369.60	116.38	-90.00	-1,824.34	-9,754.76	5,731.52	5,417.45	314.07	18.249		
19,700.00	6,840.00	6,723.00	6,723.00	372.30	116.38	-90.00	-1,824.34	-9,754.76	5,813.31	5,500.76	312.55	18.600		
19,800.00	6,840.00	6,723.00	6,723.00	375.00	116.38	-90.00	-1,824.34	-9,754.76	5,895.66	5,584.60	311.06	18.954		
19,900.00	6,840.00	6,723.00	6,723.00	377.70	116.38	-90.00	-1,824.34	-9,754.76	5,978.55	5,668.96	309.59	19.311		
20,000.00	6,840.00	6,723.00	6,723.00	380.40	116.38	-90.00	-1,824.34	-9,754.76	6,061.95	5,753.81	308.15	19.672		
20,100.00	6,840.00	6,723.00	6,723.00	383.11	116.38	-90.00	-1,824.34	-9,754.76	6,145.85	5,839.13	306.73	20.037		
20,200.00	6,840.00	6,723.00	6,723.00	385.81	116.38	-90.00	-1,824.34	-9,754.76	6,230.23	5,924.89	305.34	20.404		
20,300.00	6,840.00	6,723.00	6,723.00	388.51	116.38	-90.00	-1,824.34	-9,754.76	6,315.06	6,011.09	303.97	20.775		
20,400.00	6,840.00	6,723.00	6,723.00	391.22	116.38	-90.00	-1,824.34	-9,754.76	6,400.33	6,097.70	302.63	21.149		
20,500.00	6,840.00	6,723.00	6,723.00	393.92	116.38	-90.00	-1,824.34	-9,754.76	6,486.02	6,184.70	301.32	21.525		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,723.00	6,723.00	394.99	116.38	-90.00	-1,824.34	-9,754.76	6,520.15	6,219.35	300.80	21.676	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-92.29	-276.28	-6,919.97	6,926.58					
100.00	100.00	0.00	0.00	0.13	0.00	-92.29	-276.28	-6,919.97	6,925.53	6,925.39	0.13	N/A		
200.00	200.00	94.37	94.37	0.49	0.10	-92.29	-276.12	-6,919.86	6,925.39	6,924.80	0.59	N/A		
300.00	300.00	188.72	188.72	0.85	0.22	-92.28	-275.75	-6,919.67	6,925.17	6,924.10	1.07	6,469.557		
400.00	400.00	280.40	280.40	1.21	0.30	-92.28	-275.32	-6,919.59	6,925.06	6,923.55	1.51	4,595.375		
441.08	441.08	318.08	318.08	1.36	0.33	-92.28	-275.11	-6,919.58	6,925.05	6,923.37	1.68	4,120.076		
500.00	500.00	372.28	372.28	1.57	0.37	-92.27	-274.87	-6,919.61	6,925.07	6,923.15	1.93	3,596.988		
600.00	599.98	489.73	489.72	1.92	0.43	-37.69	-274.52	-6,919.61	6,923.69	6,921.35	2.34	2,963.822		
700.00	699.84	586.92	586.92	2.28	0.49	-37.77	-274.26	-6,919.45	6,919.36	6,916.62	2.74	2,525.158		
800.00	799.45	674.87	674.87	2.65	0.50	-37.89	-274.12	-6,919.39	6,912.40	6,909.29	3.11	2,225.087		
900.00	898.70	778.43	778.42	3.02	0.50	-38.07	-274.15	-6,919.42	6,902.80	6,899.32	3.47	1,987.971		
1,000.00	997.47	880.75	880.74	3.42	0.54	-38.31	-273.98	-6,919.35	6,890.37	6,886.48	3.88	1,774.632		
1,100.00	1,095.62	976.51	976.50	3.84	0.59	-38.59	-273.73	-6,919.28	6,875.24	6,870.93	4.31	1,595.812		
1,200.00	1,193.06	1,072.39	1,072.38	4.30	0.60	-38.93	-273.62	-6,919.25	6,857.48	6,852.76	4.72	1,453.318		
1,300.00	1,289.64	1,183.41	1,183.41	4.79	0.61	-39.35	-273.69	-6,919.12	6,837.03	6,831.88	5.15	1,327.742		
1,400.00	1,385.27	1,267.71	1,267.70	5.33	0.62	-39.79	-273.63	-6,918.95	6,813.89	6,808.30	5.60	1,217.774		
1,500.00	1,479.82	1,339.33	1,339.33	5.92	0.62	-40.26	-273.66	-6,919.00	6,788.47	6,782.41	6.06	1,119.719		
1,600.00	1,573.17	1,408.28	1,408.28	6.56	0.63	-40.77	-273.50	-6,919.32	6,760.90	6,754.35	6.56	1,030.830		
1,700.00	1,665.22	1,504.74	1,504.73	7.26	0.66	-41.35	-273.25	-6,919.92	6,731.04	6,723.93	7.11	946.999		
1,800.00	1,756.74	1,625.41	1,625.40	7.99	0.67	-41.64	-273.28	-6,920.21	6,699.93	6,692.27	7.65	875.300		
1,900.00	1,848.26	1,696.29	1,696.28	8.75	0.68	-41.81	-273.31	-6,920.40	6,668.98	6,660.76	8.22	811.621		
2,000.00	1,939.78	1,784.52	1,784.51	9.51	0.71	-42.03	-273.27	-6,920.82	6,638.30	6,629.50	8.81	753.670		
2,100.00	2,031.30	1,911.97	1,911.96	10.29	0.72	-42.34	-273.44	-6,921.05	6,607.46	6,598.07	9.39	703.533		
2,200.00	2,122.82	1,974.75	1,974.74	11.07	0.72	-42.50	-273.60	-6,921.14	6,576.71	6,566.72	9.99	658.509		
2,300.00	2,214.34	2,074.77	2,074.76	11.86	0.75	-42.75	-273.69	-6,921.55	6,546.30	6,535.69	10.61	617.219		
2,400.00	2,305.85	2,194.78	2,194.77	12.66	0.76	-43.05	-273.59	-6,921.60	6,515.63	6,504.41	11.21	581.003		
2,500.00	2,397.37	2,277.37	2,277.36	13.46	0.76	-43.26	-273.48	-6,921.50	6,484.92	6,473.09	11.83	548.372		
2,600.00	2,488.89	2,342.22	2,342.21	14.26	0.76	-43.43	-273.55	-6,921.57	6,454.54	6,442.09	12.45	518.387		
2,700.00	2,580.41	2,401.42	2,401.40	15.07	0.77	-43.58	-273.48	-6,921.95	6,424.73	6,411.65	13.09	490.953		
2,800.00	2,671.93	2,477.39	2,477.37	15.88	0.79	-43.78	-273.36	-6,922.72	6,395.38	6,381.63	13.74	465.403		
2,900.00	2,763.45	2,610.54	2,610.51	16.69	0.84	-44.13	-273.25	-6,923.86	6,366.01	6,351.60	14.41	441.846		
3,000.00	2,854.97	2,685.45	2,685.42	17.51	0.86	-44.32	-273.05	-6,924.34	6,336.51	6,321.44	15.07	420.363		
3,100.00	2,946.49	2,763.55	2,763.52	18.32	0.89	-44.53	-272.70	-6,925.04	6,307.35	6,291.61	15.75	400.581		
3,200.00	3,038.00	2,953.72	2,953.68	19.14	0.93	-45.03	-271.89	-6,925.86	6,278.08	6,261.68	16.40	382.739		
3,300.00	3,129.52	3,062.76	3,062.71	19.96	0.95	-45.34	-272.18	-6,924.77	6,247.46	6,230.40	17.07	366.087		
3,400.00	3,221.04	3,142.86	3,142.81	20.77	0.96	-45.56	-272.42	-6,924.11	6,217.16	6,199.42	17.74	350.399		
3,500.00	3,312.56	3,218.12	3,218.07	21.59	0.97	-45.77	-272.60	-6,923.58	6,187.11	6,168.68	18.42	335.831		
3,600.00	3,404.08	3,271.61	3,271.56	22.42	0.97	-45.93	-272.63	-6,923.49	6,157.63	6,138.52	19.10	322.313		
3,700.00	3,495.60	3,300.00	3,299.95	23.24	0.97	-46.01	-272.60	-6,923.59	6,128.93	6,109.13	19.80	309.554		
3,800.00	3,587.12	3,355.59	3,355.53	24.06	0.98	-46.16	-272.52	-6,924.24	6,101.00	6,080.50	20.51	297.533		
3,900.00	3,678.63	3,400.00	3,399.94	24.88	1.00	-46.29	-272.47	-6,925.28	6,074.09	6,052.88	21.22	286.307		
4,000.00	3,770.15	3,447.58	3,447.49	25.71	1.01	-46.42	-272.43	-6,926.76	6,048.02	6,026.09	21.93	275.773		
4,100.00	3,861.67	3,507.71	3,507.58	26.53	1.03	-46.59	-272.32	-6,928.97	6,022.62	5,999.97	22.65	265.896		
4,200.00	3,953.19	3,597.90	3,597.70	27.35	1.06	-46.84	-272.11	-6,932.53	5,997.60	5,974.23	23.37	256.604		
4,300.00	4,044.71	3,689.01	3,688.74	28.18	1.08	-47.10	-271.90	-6,936.16	5,972.74	5,948.64	24.10	247.830		
4,400.00	4,136.23	3,780.17	3,779.82	29.01	1.11	-47.36	-271.66	-6,939.82	5,948.04	5,923.20	24.83	239.532		
4,500.00	4,227.75	3,870.67	3,870.25	29.83	1.14	-47.62	-271.42	-6,943.49	5,923.49	5,897.93	25.57	231.675		
4,600.00	4,319.27	3,961.61	3,961.11	30.66	1.16	-47.88	-271.16	-6,947.21	5,899.12	5,872.81	26.31	224.226		
4,700.00	4,410.78	4,700.00	4,081.00	31.48	1.39	-48.23	-270.57	-6,951.81	5,874.58	5,847.35	27.23	215.770		
4,800.00	4,502.30	4,233.76	4,233.10	32.31	1.25	-48.67	-269.26	-6,956.33	5,849.18	5,821.39	27.79	210.461		
4,900.00	4,593.82	4,344.98	4,344.27	33.14	1.28	-48.99	-267.87	-6,959.51	5,823.95	5,795.41	28.54	204.072		
5,000.00	4,685.34	4,471.81	4,471.05	33.96	1.32	-49.36	-265.67	-6,962.10	5,797.90	5,768.61	29.28	197.997		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,660.50	4,659.70	34.79	1.36	-49.93	-263.13	-6,964.01	5,771.18	5,741.18	30.00	192.374		
5,200.00	4,868.38	4,796.34	4,795.54	35.62	1.37	-50.36	-262.92	-6,963.42	5,743.56	5,712.84	30.73	186.932		
5,300.00	4,959.90	4,873.91	4,873.11	36.45	1.38	-50.61	-262.84	-6,962.82	5,715.81	5,684.33	31.48	181.558		
5,400.00	5,051.41	4,942.26	4,941.46	37.27	1.38	-50.84	-262.64	-6,962.54	5,688.50	5,656.25	32.25	176.410		
5,500.00	5,142.93	5,011.12	5,010.32	38.10	1.39	-51.06	-262.58	-6,962.57	5,661.76	5,628.75	33.01	171.494		
5,600.00	5,234.45	5,118.38	5,117.58	38.93	1.39	-51.42	-262.70	-6,962.58	5,635.22	5,601.44	33.77	166.858		
5,700.00	5,325.97	5,219.93	5,219.13	39.76	1.39	-51.75	-262.43	-6,962.39	5,608.58	5,574.05	34.53	162.417		
5,800.00	5,417.49	5,300.28	5,299.48	40.59	1.40	-52.02	-262.23	-6,962.28	5,582.16	5,546.85	35.31	158.071		
5,900.00	5,509.01	5,400.72	5,399.92	41.42	1.42	-52.36	-261.78	-6,962.22	5,555.92	5,519.83	36.09	153.939		
6,000.00	5,600.53	5,472.57	5,471.76	42.25	1.44	-52.60	-261.18	-6,962.33	5,529.95	5,493.06	36.89	149.904		
6,100.00	5,692.04	5,567.61	5,566.81	43.07	1.46	-52.92	-260.43	-6,962.67	5,504.34	5,466.66	37.68	146.066		
6,200.00	5,783.56	5,649.65	5,648.84	43.90	1.49	-53.20	-259.94	-6,962.85	5,478.82	5,440.33	38.49	142.349		
6,300.00	5,875.08	5,784.04	5,783.22	44.73	1.52	-53.65	-258.17	-6,963.49	5,453.63	5,414.36	39.27	138.872		
6,400.00	5,966.60	6,400.00	6,037.90	45.56	1.62	-54.52	-252.53	-6,959.69	5,426.59	5,386.58	40.01	135.623		
6,500.00	6,058.12	6,171.80	6,170.76	46.39	1.59	-54.99	-250.16	-6,954.64	5,397.68	5,356.92	40.76	132.429		
6,600.00	6,149.64	6,231.67	6,230.57	47.22	1.59	-55.21	-249.57	-6,952.24	5,369.06	5,327.46	41.59	129.089		
6,700.00	6,241.16	6,300.00	6,298.86	48.05	1.60	-55.47	-249.22	-6,949.92	5,341.22	5,298.79	42.43	125.894		
6,800.00	6,332.68	6,354.26	6,353.10	48.88	1.60	-55.67	-249.10	-6,948.34	5,314.04	5,270.77	43.28	122.797		
6,900.00	6,424.19	6,419.59	6,418.40	49.71	1.61	-55.92	-249.02	-6,946.65	5,287.46	5,243.34	44.12	119.835		
7,000.00	6,514.88	6,475.71	6,474.52	50.58	1.61	-56.55	-248.99	-6,945.55	5,259.44	5,214.44	45.00	116.883		
7,100.00	6,599.14	6,562.50	6,561.29	51.67	1.62	-45.20	-249.03	-6,944.20	5,218.37	5,172.41	45.96	113.546		
7,200.00	6,673.85	6,628.29	6,627.07	53.01	1.62	-43.92	-249.20	-6,942.97	5,163.17	5,116.16	47.01	109.831		
7,300.00	6,736.73	6,665.79	6,664.57	54.56	1.62	-45.66	-249.44	-6,942.39	5,096.03	5,047.90	48.12	105.897		
7,400.00	6,785.87	6,700.00	6,698.77	56.29	1.62	-50.85	-249.77	-6,941.99	5,018.90	4,969.66	49.24	101.919		
7,500.00	6,819.79	6,728.52	6,727.29	58.13	1.62	-60.91	-250.07	-6,941.71	4,933.94	4,883.60	50.34	98.020		
7,600.00	6,837.44	6,747.53	6,746.30	60.02	1.62	-78.19	-250.23	-6,941.52	4,843.58	4,792.22	51.36	94.304		
7,700.00	6,840.00	6,749.30	6,748.07	61.90	1.62	-91.03	-250.24	-6,941.50	4,750.65	4,698.34	52.31	90.821		
7,800.00	6,840.00	6,748.15	6,746.92	63.83	1.62	-90.99	-250.24	-6,941.51	4,657.70	4,604.42	53.28	87.424		
7,900.00	6,840.00	6,747.00	6,745.77	65.81	1.62	-90.95	-250.23	-6,941.52	4,565.05	4,510.75	54.30	84.075		
8,000.00	6,840.00	6,745.85	6,744.62	67.84	1.62	-90.91	-250.22	-6,941.53	4,472.71	4,417.34	55.37	80.777		
8,100.00	6,840.00	6,744.70	6,743.47	69.91	1.62	-90.87	-250.21	-6,941.54	4,380.72	4,324.21	56.50	77.534		
8,200.00	6,840.00	6,743.55	6,742.32	72.03	1.62	-90.84	-250.20	-6,941.56	4,289.08	4,231.39	57.69	74.347		
8,300.00	6,840.00	6,742.40	6,741.17	74.18	1.62	-90.80	-250.19	-6,941.57	4,197.82	4,138.88	58.94	71.220		
8,400.00	6,840.00	6,741.25	6,740.02	76.37	1.62	-90.76	-250.18	-6,941.58	4,106.96	4,046.71	60.26	68.156		
8,500.00	6,840.00	6,740.10	6,738.87	78.59	1.62	-90.72	-250.17	-6,941.59	4,016.55	3,954.90	61.65	65.156		
8,600.00	6,840.00	6,738.95	6,737.72	80.85	1.62	-90.68	-250.16	-6,941.60	3,926.59	3,863.49	63.11	62.223		
8,700.00	6,840.00	6,737.80	6,736.57	83.13	1.62	-90.65	-250.15	-6,941.61	3,837.14	3,772.49	64.64	59.359		
8,800.00	6,840.00	6,736.65	6,735.42	85.44	1.62	-90.61	-250.14	-6,941.62	3,748.21	3,681.95	66.26	56.567		
8,900.00	6,840.00	6,735.50	6,734.27	87.77	1.62	-90.57	-250.13	-6,941.64	3,659.86	3,591.89	67.97	53.848		
9,000.00	6,840.00	6,734.36	6,733.12	90.12	1.62	-90.53	-250.12	-6,941.65	3,572.12	3,502.36	69.76	51.204		
9,100.00	6,840.00	6,733.21	6,731.98	92.50	1.62	-90.49	-250.11	-6,941.66	3,485.05	3,413.39	71.65	48.638		
9,200.00	6,840.00	6,732.06	6,730.83	94.89	1.62	-90.46	-250.10	-6,941.67	3,398.68	3,325.03	73.64	46.150		
9,300.00	6,840.00	6,730.91	6,729.68	97.30	1.62	-90.42	-250.09	-6,941.68	3,313.08	3,237.34	75.74	43.742		
9,400.00	6,840.00	6,729.77	6,728.54	99.73	1.62	-90.38	-250.08	-6,941.69	3,228.31	3,150.36	77.95	41.416		
9,500.00	6,840.00	6,728.62	6,727.39	102.17	1.62	-90.34	-250.07	-6,941.71	3,144.43	3,064.15	80.27	39.172		
9,600.00	6,840.00	6,727.47	6,726.24	104.63	1.62	-90.31	-250.06	-6,941.72	3,061.52	2,978.80	82.72	37.011		
9,700.00	6,840.00	6,726.33	6,725.10	107.10	1.62	-90.27	-250.05	-6,941.73	2,979.66	2,894.37	85.29	34.935		
9,800.00	6,840.00	6,725.18	6,723.95	109.58	1.62	-90.23	-250.04	-6,941.74	2,898.93	2,810.94	88.00	32.944		
9,900.00	6,840.00	6,724.04	6,722.81	112.07	1.62	-90.19	-250.02	-6,941.75	2,819.44	2,728.61	90.84	31.039		
10,000.00	6,840.00	6,722.89	6,721.66	114.58	1.62	-90.15	-250.01	-6,941.76	2,741.30	2,647.48	93.82	29.219		
10,100.00	6,840.00	6,721.75	6,720.52	117.09	1.62	-90.12	-250.00	-6,941.77	2,664.62	2,567.67	96.95	27.486		
10,200.00	6,840.00	6,720.61	6,719.38	119.61	1.62	-90.08	-249.99	-6,941.79	2,589.52	2,489.30	100.22	25.838		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,719.46	6,718.23	122.14	1.62	-90.04	-249.98	-6,941.80	2,516.16	2,412.52	103.64	24.278		
10,400.00	6,840.00	6,718.32	6,717.09	124.68	1.62	-90.00	-249.97	-6,941.81	2,444.69	2,337.48	107.21	22.803		
10,500.00	6,840.00	6,717.18	6,715.95	127.23	1.62	-89.97	-249.96	-6,941.82	2,375.28	2,264.36	110.92	21.414		
10,600.00	6,840.00	6,716.03	6,714.80	129.78	1.62	-89.93	-249.95	-6,941.83	2,308.12	2,193.35	114.77	20.111		
10,700.00	6,840.00	6,714.89	6,713.66	132.35	1.62	-89.89	-249.93	-6,941.84	2,243.40	2,124.66	118.74	18.893		
10,800.00	6,840.00	6,713.75	6,712.52	134.91	1.62	-89.85	-249.92	-6,941.85	2,181.35	2,058.52	122.83	17.760		
10,900.00	6,840.00	6,712.61	6,711.38	137.49	1.62	-89.81	-249.91	-6,941.87	2,122.20	1,995.19	127.01	16.710		
11,000.00	6,840.00	6,711.47	6,710.24	140.07	1.62	-89.78	-249.90	-6,941.88	2,066.19	1,934.94	131.25	15.742		
11,100.00	6,840.00	6,710.33	6,709.10	142.65	1.62	-89.74	-249.89	-6,941.89	2,013.60	1,878.07	135.53	14.857		
11,200.00	6,840.00	6,709.18	6,707.96	145.24	1.62	-89.70	-249.87	-6,941.90	1,964.69	1,824.89	139.80	14.053		
11,300.00	6,840.00	6,708.04	6,706.81	147.83	1.62	-89.66	-249.86	-6,941.91	1,919.75	1,775.73	144.02	13.329		
11,400.00	6,840.00	6,706.90	6,705.68	150.43	1.62	-89.63	-249.85	-6,941.92	1,879.06	1,730.92	148.14	12.684		
11,500.00	6,840.00	6,705.76	6,704.54	153.04	1.62	-89.59	-249.84	-6,941.93	1,842.90	1,690.80	152.10	12.117		
11,600.00	6,840.00	6,704.63	6,703.40	155.64	1.62	-89.55	-249.83	-6,941.95	1,811.55	1,655.72	155.83	11.625		
11,700.00	6,840.00	6,703.49	6,702.26	158.26	1.62	-89.51	-249.81	-6,941.96	1,785.25	1,625.99	159.26	11.209		
11,800.00	6,840.00	6,702.35	6,701.12	160.87	1.62	-89.48	-249.80	-6,941.97	1,764.24	1,601.89	162.35	10.867		
11,900.00	6,840.00	6,701.21	6,699.98	163.49	1.62	-89.44	-249.79	-6,941.98	1,748.70	1,583.69	165.01	10.597		
12,000.00	6,840.00	6,700.07	6,698.84	166.11	1.62	-89.40	-249.78	-6,941.99	1,738.78	1,571.56	167.22	10.398		
12,100.00	6,840.00	6,699.19	6,697.96	168.74	1.62	-89.37	-249.77	-6,942.00	1,734.58	1,565.66	168.92	10.269		
12,122.97	6,840.00	6,698.99	6,697.76	169.34	1.62	-89.36	-249.76	-6,942.00	1,734.43	1,565.19	169.23	10.249 CC, ES		
12,200.00	6,840.00	6,698.31	6,697.08	171.37	1.62	-89.34	-249.76	-6,942.01	1,736.14	1,566.05	170.09	10.207 SF		
12,300.00	6,840.00	6,697.42	6,696.19	174.00	1.62	-89.31	-249.75	-6,942.02	1,743.44	1,572.71	170.72	10.212		
12,400.00	6,840.00	6,696.51	6,695.28	176.63	1.62	-89.28	-249.74	-6,942.03	1,756.41	1,585.58	170.83	10.282		
12,500.00	6,840.00	6,695.58	6,694.35	179.27	1.62	-89.25	-249.73	-6,942.04	1,774.93	1,604.51	170.42	10.415		
12,600.00	6,840.00	6,694.63	6,693.41	181.91	1.62	-89.22	-249.72	-6,942.05	1,798.83	1,629.28	169.54	10.610		
12,700.00	6,840.00	6,693.67	6,692.44	184.55	1.62	-89.19	-249.71	-6,942.06	1,827.89	1,659.65	168.24	10.865		
12,800.00	6,840.00	6,692.69	6,691.47	187.19	1.62	-89.16	-249.70	-6,942.07	1,861.87	1,695.32	166.55	11.179		
12,900.00	6,840.00	6,691.70	6,690.47	189.84	1.62	-89.12	-249.68	-6,942.08	1,900.52	1,735.97	164.55	11.550		
13,000.00	6,840.00	6,690.68	6,689.45	192.48	1.62	-89.09	-249.67	-6,942.09	1,943.54	1,781.26	162.28	11.977		
13,100.00	6,840.00	6,689.64	6,688.42	195.13	1.62	-89.06	-249.66	-6,942.10	1,990.66	1,830.87	159.80	12.457		
13,200.00	6,840.00	6,688.59	6,687.36	197.79	1.62	-89.02	-249.65	-6,942.11	2,041.60	1,884.44	157.16	12.991		
13,300.00	6,840.00	6,687.51	6,686.28	200.44	1.62	-88.99	-249.64	-6,942.12	2,096.07	1,941.66	154.41	13.575		
13,400.00	6,840.00	6,686.41	6,685.18	203.10	1.62	-88.95	-249.63	-6,942.14	2,153.81	2,002.22	151.58	14.209		
13,500.00	6,840.00	6,685.29	6,684.06	205.75	1.62	-88.91	-249.62	-6,942.15	2,214.56	2,065.84	148.72	14.891		
13,600.00	6,840.00	6,684.15	6,682.92	208.41	1.62	-88.87	-249.61	-6,942.16	2,278.08	2,132.23	145.85	15.619		
13,700.00	6,840.00	6,682.98	6,681.76	211.07	1.62	-88.84	-249.60	-6,942.18	2,344.15	2,201.15	143.00	16.393		
13,800.00	6,840.00	6,681.79	6,680.57	213.74	1.62	-88.80	-249.59	-6,942.19	2,412.55	2,272.37	140.18	17.210		
13,900.00	6,840.00	6,680.58	6,679.35	216.40	1.62	-88.76	-249.57	-6,942.20	2,483.09	2,345.68	137.41	18.070		
14,000.00	6,840.00	6,679.34	6,678.11	219.06	1.62	-88.72	-249.56	-6,942.22	2,555.61	2,420.90	134.71	18.971		
14,100.00	6,840.00	6,678.07	6,676.85	221.73	1.62	-88.67	-249.55	-6,942.23	2,629.92	2,497.84	132.08	19.912		
14,200.00	6,840.00	6,676.78	6,675.56	224.40	1.62	-88.63	-249.54	-6,942.25	2,705.89	2,576.37	129.52	20.892		
14,300.00	6,840.00	6,675.46	6,674.24	227.07	1.62	-88.59	-249.53	-6,942.27	2,783.38	2,656.33	127.05	21.908		
14,400.00	6,840.00	6,674.11	6,672.89	229.74	1.62	-88.54	-249.51	-6,942.28	2,862.26	2,737.60	124.66	22.961		
14,500.00	6,840.00	6,672.73	6,671.51	232.41	1.62	-88.50	-249.50	-6,942.30	2,942.43	2,820.07	122.36	24.048		
14,600.00	6,840.00	6,671.32	6,670.10	235.08	1.62	-88.45	-249.49	-6,942.32	3,023.78	2,903.64	120.14	25.169		
14,700.00	6,840.00	6,669.88	6,668.65	237.75	1.62	-88.40	-249.48	-6,942.34	3,106.22	2,988.21	118.01	26.322		
14,800.00	6,840.00	6,668.40	6,667.18	240.43	1.62	-88.35	-249.46	-6,942.36	3,189.66	3,073.70	115.96	27.507		
14,900.00	6,840.00	6,666.89	6,665.67	243.10	1.62	-88.30	-249.45	-6,942.38	3,274.03	3,160.04	113.99	28.722		
15,000.00	6,840.00	6,665.35	6,664.13	245.78	1.62	-88.25	-249.44	-6,942.40	3,359.25	3,247.15	112.10	29.967		
15,100.00	6,840.00	6,663.77	6,662.54	248.46	1.62	-88.20	-249.43	-6,942.42	3,445.27	3,334.99	110.29	31.239		
15,200.00	6,840.00	6,662.15	6,660.93	251.14	1.62	-88.15	-249.41	-6,942.44	3,532.03	3,423.48	108.55	32.539		
15,300.00	6,840.00	6,660.49	6,659.27	253.82	1.62	-88.09	-249.40	-6,942.46	3,619.47	3,512.59	106.88	33.865		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,658.79	6,657.57	256.50	1.62	-88.04	-249.39	-6,942.49	3,707.54	3,602.26	105.28	35.216		
15,500.00	6,840.00	6,657.05	6,655.83	259.18	1.62	-87.98	-249.38	-6,942.51	3,796.20	3,692.46	103.75	36.591		
15,600.00	6,840.00	6,655.27	6,654.04	261.86	1.62	-87.92	-249.36	-6,942.54	3,885.42	3,783.14	102.27	37.990		
15,700.00	6,840.00	6,653.44	6,652.21	264.54	1.62	-87.86	-249.35	-6,942.57	3,975.14	3,874.28	100.86	39.412		
15,800.00	6,840.00	6,651.56	6,650.34	267.23	1.62	-87.80	-249.34	-6,942.59	4,065.35	3,965.84	99.51	40.855		
15,900.00	6,840.00	6,649.63	6,648.41	269.91	1.62	-87.73	-249.32	-6,942.62	4,156.00	4,057.79	98.21	42.319		
16,000.00	6,840.00	6,647.65	6,646.43	272.59	1.62	-87.67	-249.31	-6,942.65	4,247.07	4,150.11	96.96	43.803		
16,100.00	6,840.00	6,645.62	6,644.40	275.28	1.62	-87.60	-249.30	-6,942.68	4,338.54	4,242.78	95.76	45.306		
16,200.00	6,840.00	6,643.54	6,642.32	277.97	1.62	-87.53	-249.28	-6,942.72	4,430.37	4,335.76	94.61	46.828		
16,300.00	6,840.00	6,641.39	6,640.17	280.65	1.62	-87.46	-249.27	-6,942.75	4,522.55	4,429.04	93.50	48.368		
16,400.00	6,840.00	6,639.19	6,637.97	283.34	1.62	-87.39	-249.26	-6,942.78	4,615.05	4,522.61	92.44	49.925		
16,500.00	6,840.00	6,636.92	6,635.70	286.03	1.62	-87.32	-249.24	-6,942.82	4,707.86	4,616.44	91.42	51.499		
16,600.00	6,840.00	6,634.59	6,633.37	288.72	1.62	-87.24	-249.23	-6,942.86	4,800.95	4,710.52	90.43	53.088		
16,700.00	6,840.00	6,632.19	6,630.97	291.41	1.62	-87.16	-249.22	-6,942.90	4,894.32	4,804.83	89.49	54.692		
16,800.00	6,840.00	6,629.72	6,628.50	294.10	1.62	-87.08	-249.21	-6,942.94	4,987.95	4,899.37	88.58	56.311		
16,900.00	6,840.00	6,627.18	6,625.96	296.79	1.62	-86.99	-249.19	-6,942.99	5,081.81	4,994.11	87.70	57.944		
17,000.00	6,840.00	6,624.56	6,623.34	299.48	1.62	-86.91	-249.18	-6,943.03	5,175.91	5,089.05	86.86	59.590		
17,100.00	6,840.00	6,621.85	6,620.63	302.17	1.62	-86.82	-249.17	-6,943.08	5,270.22	5,184.17	86.05	61.249		
17,200.00	6,840.00	6,619.06	6,617.85	304.86	1.62	-86.73	-249.16	-6,943.13	5,364.74	5,279.48	85.26	62.920		
17,300.00	6,840.00	6,616.19	6,614.97	307.56	1.62	-86.63	-249.15	-6,943.18	5,459.45	5,374.94	84.51	64.603		
17,400.00	6,840.00	6,613.21	6,612.00	310.25	1.62	-86.53	-249.14	-6,943.24	5,554.35	5,470.57	83.78	66.297		
17,500.00	6,840.00	6,610.14	6,608.93	312.94	1.62	-86.43	-249.13	-6,943.30	5,649.42	5,566.34	83.08	68.002		
17,600.00	6,840.00	6,606.97	6,605.76	315.64	1.62	-86.33	-249.12	-6,943.36	5,744.65	5,662.25	82.40	69.717		
17,700.00	6,840.00	6,603.69	6,602.48	318.33	1.62	-86.22	-249.11	-6,943.42	5,840.05	5,758.30	81.75	71.442		
17,800.00	6,840.00	6,600.29	6,599.08	321.03	1.62	-86.11	-249.10	-6,943.49	5,935.59	5,854.48	81.11	73.176		
17,900.00	6,840.00	6,600.00	6,598.79	323.72	1.62	-86.10	-249.10	-6,943.50	6,031.28	5,950.77	80.51	74.909		
18,000.00	6,840.00	6,600.00	6,598.79	326.42	1.62	-86.10	-249.10	-6,943.50	6,127.11	6,047.18	79.94	76.650		
18,100.00	6,840.00	6,600.00	6,598.79	329.11	1.62	-86.10	-249.10	-6,943.50	6,223.07	6,143.69	79.38	78.397		
18,200.00	6,840.00	6,600.00	6,598.79	331.81	1.62	-86.10	-249.10	-6,943.50	6,319.15	6,240.31	78.84	80.151		
18,300.00	6,840.00	6,600.00	6,598.79	334.51	1.62	-86.10	-249.10	-6,943.50	6,415.36	6,337.04	78.32	81.911		
18,400.00	6,840.00	6,600.00	6,598.79	337.20	1.62	-86.10	-249.10	-6,943.50	6,511.68	6,433.86	77.82	83.677		
18,500.00	6,840.00	6,590.43	6,589.22	339.90	1.62	-85.78	-249.08	-6,943.68	6,608.09	6,530.79	77.30	85.482		
18,600.00	6,840.00	6,589.09	6,587.88	342.60	1.62	-85.74	-249.08	-6,943.71	6,704.62	6,627.79	76.83	87.265		
18,700.00	6,840.00	6,587.77	6,586.56	345.30	1.62	-85.70	-249.07	-6,943.74	6,801.25	6,724.88	76.37	89.052		
18,800.00	6,840.00	6,586.46	6,585.25	348.00	1.62	-85.65	-249.07	-6,943.76	6,897.98	6,822.04	75.93	90.844		
18,900.00	6,840.00	6,585.16	6,583.95	350.70	1.62	-85.61	-249.07	-6,943.79	6,994.79	6,919.29	75.51	92.640		
19,000.00	6,840.00	6,583.87	6,582.66	353.39	1.62	-85.57	-249.07	-6,943.81	7,091.70	7,016.61	75.09	94.440		
19,100.00	6,840.00	6,582.59	6,581.38	356.09	1.62	-85.53	-249.06	-6,943.84	7,188.69	7,113.99	74.69	96.243		
19,200.00	6,840.00	6,581.32	6,580.11	358.79	1.62	-85.49	-249.06	-6,943.86	7,285.76	7,211.45	74.31	98.050		
19,300.00	6,840.00	6,580.07	6,578.86	361.49	1.62	-85.44	-249.06	-6,943.88	7,382.91	7,308.97	73.93	99.860		
19,400.00	6,840.00	6,578.82	6,577.61	364.20	1.62	-85.40	-249.06	-6,943.91	7,480.13	7,406.56	73.57	101.672		
19,500.00	6,840.00	6,577.59	6,576.38	366.90	1.62	-85.36	-249.05	-6,943.93	7,577.42	7,504.20	73.22	103.487		
19,600.00	6,840.00	6,576.37	6,575.16	369.60	1.62	-85.32	-249.05	-6,943.95	7,674.79	7,601.91	72.88	105.303		
19,700.00	6,840.00	6,575.15	6,573.94	372.30	1.62	-85.28	-249.05	-6,943.97	7,772.22	7,699.66	72.55	107.122		
19,800.00	6,840.00	6,573.95	6,572.74	375.00	1.62	-85.24	-249.05	-6,944.00	7,869.71	7,797.48	72.24	108.942		
19,900.00	6,840.00	6,572.76	6,571.55	377.70	1.62	-85.20	-249.05	-6,944.02	7,967.27	7,895.34	71.93	110.763		
20,000.00	6,840.00	6,571.57	6,570.37	380.40	1.62	-85.17	-249.04	-6,944.04	8,064.89	7,993.25	71.63	112.585		
20,100.00	6,840.00	6,570.40	6,569.19	383.11	1.62	-85.13	-249.04	-6,944.06	8,162.56	8,091.21	71.35	114.408		
20,200.00	6,840.00	6,569.24	6,568.03	385.81	1.62	-85.09	-249.04	-6,944.08	8,260.29	8,189.22	71.07	116.231		
20,300.00	6,840.00	6,568.09	6,566.88	388.51	1.62	-85.05	-249.04	-6,944.10	8,358.07	8,287.27	70.80	118.055		
20,400.00	6,840.00	6,566.94	6,565.73	391.22	1.62	-85.01	-249.04	-6,944.12	8,455.91	8,385.37	70.54	119.879		
20,500.00	6,840.00	6,565.81	6,564.60	393.92	1.62	-84.98	-249.03	-6,944.14	8,553.79	8,483.51	70.28	121.703		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,565.36	6,564.15	394.99	1.62	-84.96	-249.03	-6,944.15	8,592.66	8,522.47	70.19	122.426	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-80.24	965.67	-5,613.93	5,697.42					
100.00	100.00	9.00	-9.00	0.13	0.07	-80.24	965.67	-5,613.93	5,696.38	5,696.18	0.21	N/A		
200.00	200.00	109.00	91.00	0.49	0.94	-80.24	965.67	-5,613.93	5,696.38	5,694.95	1.44	3,968.560		
300.00	300.00	209.00	191.00	0.85	2.69	-80.24	965.67	-5,613.93	5,696.38	5,692.84	3.54	1,609.521		
400.00	400.00	309.00	291.00	1.21	4.43	-80.24	965.67	-5,613.93	5,696.38	5,690.74	5.64	1,009.463		
500.00	500.00	409.00	391.00	1.57	6.18	-80.24	965.67	-5,613.93	5,696.38	5,688.63	7.75	735.322		
600.00	599.98	509.02	490.98	1.92	7.92	-25.65	965.67	-5,613.93	5,694.81	5,684.96	9.85	578.285		
700.00	699.84	609.16	590.84	2.28	9.67	-25.71	965.67	-5,613.93	5,690.09	5,678.14	11.95	476.104		
800.00	799.45	709.55	690.45	2.65	11.42	-25.82	965.67	-5,613.93	5,682.24	5,668.17	14.06	404.069		
900.00	898.70	789.70	789.70	3.02	12.82	-25.97	965.67	-5,613.93	5,671.26	5,655.43	15.82	358.387		
1,000.00	997.47	888.47	888.47	3.42	14.55	-26.17	965.67	-5,613.93	5,657.17	5,639.26	17.92	315.759		
1,100.00	1,095.62	986.62	986.62	3.84	16.26	-26.41	965.67	-5,613.93	5,640.00	5,620.00	20.00	281.948		
1,200.00	1,193.06	1,084.06	1,084.06	4.30	17.96	-26.69	965.67	-5,613.93	5,619.78	5,597.69	22.09	254.440		
1,300.00	1,289.64	1,180.64	1,180.64	4.79	19.65	-27.03	965.67	-5,613.93	5,596.53	5,572.36	24.17	231.595		
1,400.00	1,385.27	1,276.27	1,276.27	5.33	21.32	-27.41	965.67	-5,613.93	5,570.29	5,544.06	26.24	212.293		
1,500.00	1,479.82	1,370.82	1,370.82	5.92	22.97	-27.85	965.67	-5,613.93	5,541.12	5,512.81	28.31	195.748		
1,600.00	1,573.17	1,464.17	1,464.17	6.56	24.59	-28.34	965.67	-5,613.93	5,509.04	5,478.67	30.37	181.389		
1,700.00	1,665.22	1,556.22	1,556.22	7.26	26.20	-28.85	965.67	-5,613.93	5,474.14	5,441.71	32.43	168.778		
1,800.00	1,756.74	1,647.74	1,647.74	7.99	27.80	-29.05	965.67	-5,613.93	5,438.18	5,403.69	34.49	157.670		
1,900.00	1,848.26	1,739.26	1,739.26	8.75	29.40	-29.25	965.67	-5,613.93	5,402.29	5,365.73	36.56	147.765		
2,000.00	1,939.78	1,830.78	1,830.78	9.51	30.99	-29.46	965.67	-5,613.93	5,366.45	5,327.81	38.64	138.886		
2,100.00	2,031.30	1,922.30	1,922.30	10.29	32.59	-29.66	965.67	-5,613.93	5,330.68	5,289.95	40.73	130.885		
2,200.00	2,122.82	2,013.82	2,013.82	11.07	34.19	-29.88	965.67	-5,613.93	5,294.97	5,252.15	42.82	123.643		
2,300.00	2,214.34	2,105.34	2,105.34	11.86	35.79	-30.09	965.67	-5,613.93	5,259.33	5,214.40	44.93	117.059		
2,400.00	2,305.85	2,203.15	2,196.85	12.66	37.49	-30.31	965.67	-5,613.93	5,223.76	5,176.61	47.15	110.790		
2,500.00	2,397.37	2,288.37	2,288.37	13.46	38.98	-30.53	965.67	-5,613.93	5,188.26	5,139.10	49.16	105.543		
2,600.00	2,488.89	2,379.89	2,379.89	14.26	40.58	-30.75	965.67	-5,613.93	5,152.83	5,101.55	51.28	100.482		
2,700.00	2,580.41	2,471.41	2,471.41	15.07	42.17	-30.98	965.67	-5,613.93	5,117.47	5,064.06	53.41	95.814		
2,800.00	2,671.93	2,562.93	2,562.93	15.88	43.77	-31.20	965.67	-5,613.93	5,082.18	5,026.63	55.55	91.496		
2,900.00	2,763.45	2,654.45	2,654.45	16.69	45.37	-31.44	965.67	-5,613.93	5,046.97	4,989.28	57.69	87.491		
3,000.00	2,854.97	2,745.97	2,745.97	17.51	46.97	-31.67	965.67	-5,613.93	5,011.83	4,952.00	59.83	83.767		
3,100.00	2,946.49	2,837.49	2,837.49	18.32	48.56	-31.91	965.67	-5,613.93	4,976.78	4,914.80	61.98	80.296		
3,200.00	3,038.00	2,929.00	2,929.00	19.14	50.16	-32.15	965.67	-5,613.93	4,941.80	4,877.67	64.14	77.052		
3,300.00	3,129.52	3,020.52	3,020.52	19.96	51.76	-32.39	965.67	-5,613.93	4,906.91	4,840.61	66.30	74.015		
3,400.00	3,221.04	3,112.04	3,112.04	20.77	53.36	-32.64	965.67	-5,613.93	4,872.09	4,803.63	68.46	71.166		
3,500.00	3,312.56	3,203.56	3,203.56	21.59	54.95	-32.89	965.67	-5,613.93	4,837.37	4,766.74	70.63	68.488		
3,600.00	3,404.08	3,304.92	3,295.08	22.42	56.72	-33.15	965.67	-5,613.93	4,802.73	4,729.75	72.98	65.812		
3,700.00	3,495.60	3,386.60	3,386.60	23.24	58.15	-33.41	965.67	-5,613.93	4,768.18	4,693.20	74.98	63.589		
3,800.00	3,587.12	3,478.12	3,478.12	24.06	59.74	-33.67	965.67	-5,613.93	4,733.72	4,656.55	77.17	61.342		
3,900.00	3,678.63	3,569.63	3,569.63	24.88	61.34	-33.93	965.67	-5,613.93	4,699.36	4,620.00	79.36	59.217		
4,000.00	3,770.15	3,661.15	3,661.15	25.71	62.94	-34.20	965.67	-5,613.93	4,665.08	4,583.53	81.55	57.203		
4,100.00	3,861.67	3,752.67	3,752.67	26.53	64.54	-34.48	965.67	-5,613.93	4,630.91	4,547.16	83.75	55.293		
4,200.00	3,953.19	3,844.19	3,844.19	27.35	66.13	-34.75	965.67	-5,613.93	4,596.84	4,510.88	85.96	53.478		
4,300.00	4,044.71	3,935.71	3,935.71	28.18	67.73	-35.03	965.67	-5,613.93	4,562.86	4,474.70	88.17	51.752		
4,400.00	4,136.23	4,027.23	4,027.23	29.01	69.33	-35.32	965.67	-5,613.93	4,528.99	4,438.61	90.38	50.109		
4,500.00	4,227.75	4,118.75	4,118.75	29.83	70.93	-35.61	965.67	-5,613.93	4,495.23	4,402.63	92.60	48.543		
4,600.00	4,319.27	4,210.27	4,210.27	30.66	72.52	-35.90	965.67	-5,613.93	4,461.58	4,366.75	94.83	47.049		
4,700.00	4,410.78	4,301.78	4,301.78	31.48	74.12	-36.20	965.67	-5,613.93	4,428.03	4,330.98	97.06	45.622		
4,800.00	4,502.30	4,406.70	4,393.30	32.31	75.95	-36.50	965.67	-5,613.93	4,394.61	4,295.07	99.53	44.154		
4,900.00	4,593.82	4,484.82	4,484.82	33.14	77.31	-36.80	965.67	-5,613.93	4,361.29	4,259.75	101.54	42.952		
5,000.00	4,685.34	4,576.34	4,576.34	33.96	78.91	-37.11	965.67	-5,613.93	4,328.10	4,224.31	103.79	41.702		
5,100.00	4,776.86	4,667.86	4,667.86	34.79	80.51	-37.43	965.67	-5,613.93	4,295.02	4,188.98	106.04	40.503		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,759.38	4,759.38	35.62	82.11	-37.75	965.67	-5,613.93	4,262.08	4,153.77	108.30	39.354		
5,300.00	4,959.90	4,850.90	4,850.90	36.45	83.70	-38.07	965.67	-5,613.93	4,229.25	4,118.69	110.57	38.250		
5,400.00	5,051.41	4,942.41	4,942.41	37.27	85.30	-38.40	965.67	-5,613.93	4,196.56	4,083.72	112.84	37.190		
5,500.00	5,142.93	5,033.93	5,033.93	38.10	86.90	-38.73	965.67	-5,613.93	4,164.01	4,048.89	115.12	36.171		
5,600.00	5,234.45	5,125.45	5,125.45	38.93	88.50	-39.07	965.67	-5,613.93	4,131.59	4,014.18	117.40	35.191		
5,700.00	5,325.97	5,216.97	5,216.97	39.76	90.09	-39.41	965.67	-5,613.93	4,099.31	3,979.61	119.70	34.248		
5,800.00	5,417.49	5,308.49	5,308.49	40.59	91.69	-39.76	965.67	-5,613.93	4,067.17	3,945.17	121.99	33.339		
5,900.00	5,509.01	5,400.01	5,400.01	41.42	93.29	-40.12	965.67	-5,613.93	4,035.18	3,910.88	124.30	32.463		
6,000.00	5,600.53	5,508.47	5,491.53	42.25	95.18	-40.47	965.67	-5,613.93	4,003.34	3,876.43	126.91	31.545		
6,100.00	5,692.04	5,583.04	5,583.04	43.07	96.48	-40.84	965.67	-5,613.93	3,971.65	3,842.72	128.93	30.804		
6,200.00	5,783.56	5,674.56	5,674.56	43.90	98.08	-41.21	965.67	-5,613.93	3,940.12	3,808.86	131.26	30.018		
6,300.00	5,875.08	5,766.08	5,766.08	44.73	99.68	-41.58	965.67	-5,613.93	3,908.75	3,775.16	133.59	29.259		
6,400.00	5,966.60	5,857.60	5,857.60	45.56	101.27	-41.96	965.67	-5,613.93	3,877.55	3,741.61	135.93	28.525		
6,500.00	6,058.12	5,949.12	5,949.12	46.39	102.87	-42.35	965.67	-5,613.93	3,846.51	3,708.23	138.28	27.817		
6,600.00	6,149.64	6,040.64	6,040.64	47.22	104.47	-42.74	965.67	-5,613.93	3,815.65	3,675.01	140.64	27.131		
6,700.00	6,241.16	6,132.16	6,132.16	48.05	106.07	-43.14	965.67	-5,613.93	3,784.97	3,641.97	143.00	26.468		
6,800.00	6,332.68	6,223.68	6,223.68	48.88	107.66	-43.54	965.67	-5,613.93	3,754.47	3,609.09	145.37	25.826		
6,900.00	6,424.19	6,315.19	6,315.19	49.71	109.26	-43.95	965.67	-5,613.93	3,724.15	3,576.40	147.75	25.205		
7,000.00	6,514.88	6,405.88	6,405.88	50.58	110.84	-38.48	965.67	-5,613.93	3,691.77	3,541.64	150.14	24.590		
7,100.00	6,599.14	6,509.86	6,490.14	51.67	112.66	-32.30	965.67	-5,613.93	3,645.53	3,492.73	152.80	23.858		
7,200.00	6,673.85	6,564.85	6,564.85	53.01	113.62	-29.78	965.67	-5,613.93	3,584.95	3,430.32	154.62	23.185		
7,300.00	6,736.73	6,627.73	6,627.73	54.56	114.72	-29.86	965.67	-5,613.93	3,511.85	3,355.29	156.57	22.431		
7,400.00	6,785.87	6,676.87	6,676.87	56.29	115.57	-32.81	965.67	-5,613.93	3,428.45	3,270.23	158.22	21.670		
7,500.00	6,819.79	6,710.79	6,710.79	58.13	116.17	-40.91	965.67	-5,613.93	3,337.23	3,177.71	159.51	20.921		
7,600.00	6,837.44	6,728.44	6,728.44	60.02	116.47	-63.25	965.67	-5,613.93	3,240.91	3,080.49	160.42	20.203		
7,700.00	6,840.00	6,731.00	6,731.00	61.90	116.52	-90.00	965.67	-5,613.93	3,142.40	2,981.45	160.94	19.525		
7,800.00	6,840.00	6,731.00	6,731.00	63.83	116.52	-90.00	965.67	-5,613.93	3,043.78	2,882.35	161.43	18.855		
7,900.00	6,840.00	6,731.00	6,731.00	65.81	116.52	-90.00	965.67	-5,613.93	2,945.26	2,783.31	161.95	18.186		
8,000.00	6,840.00	6,731.00	6,731.00	67.84	116.52	-90.00	965.67	-5,613.93	2,846.85	2,684.33	162.52	17.517		
8,100.00	6,840.00	6,731.00	6,731.00	69.91	116.52	-90.00	965.67	-5,613.93	2,748.54	2,585.41	163.13	16.849		
8,200.00	6,840.00	6,731.00	6,731.00	72.03	116.52	-90.00	965.67	-5,613.93	2,650.37	2,486.58	163.79	16.182		
8,300.00	6,840.00	6,731.00	6,731.00	74.18	116.52	-90.00	965.67	-5,613.93	2,552.33	2,387.83	164.50	15.515		
8,400.00	6,840.00	6,731.00	6,731.00	76.37	116.52	-90.00	965.67	-5,613.93	2,454.45	2,289.17	165.28	14.850		
8,500.00	6,840.00	6,731.00	6,731.00	78.59	116.52	-90.00	965.67	-5,613.93	2,356.76	2,190.62	166.13	14.186		
8,600.00	6,840.00	6,731.00	6,731.00	80.85	116.52	-90.00	965.67	-5,613.93	2,259.26	2,092.19	167.07	13.523		
8,700.00	6,840.00	6,731.00	6,731.00	83.13	116.52	-90.00	965.67	-5,613.93	2,161.99	1,993.90	168.09	12.862		
8,800.00	6,840.00	6,731.00	6,731.00	85.44	116.52	-90.00	965.67	-5,613.93	2,064.99	1,895.77	169.22	12.203		
8,900.00	6,840.00	6,731.00	6,731.00	87.77	116.52	-90.00	965.67	-5,613.93	1,968.28	1,797.81	170.46	11.547		
9,000.00	6,840.00	6,731.00	6,731.00	90.12	116.52	-90.00	965.67	-5,613.93	1,871.92	1,700.07	171.85	10.893		
9,100.00	6,840.00	6,731.00	6,731.00	92.50	116.52	-90.00	965.67	-5,613.93	1,775.96	1,602.57	173.39	10.242		
9,200.00	6,840.00	6,731.00	6,731.00	94.89	116.52	-90.00	965.67	-5,613.93	1,680.47	1,505.35	175.12	9.596		
9,300.00	6,840.00	6,731.00	6,731.00	97.30	116.52	-90.00	965.67	-5,613.93	1,585.54	1,408.47	177.07	8.954		
9,400.00	6,840.00	6,731.00	6,731.00	99.73	116.52	-90.00	965.67	-5,613.93	1,491.27	1,312.00	179.27	8.319		
9,500.00	6,840.00	6,731.00	6,731.00	102.17	116.52	-90.00	965.67	-5,613.93	1,397.80	1,216.04	181.77	7.690		
9,600.00	6,840.00	6,731.00	6,731.00	104.63	116.52	-90.00	965.67	-5,613.93	1,305.30	1,120.68	184.62	7.070		
9,700.00	6,840.00	6,731.00	6,731.00	107.10	116.52	-90.00	965.67	-5,613.93	1,213.98	1,026.10	187.88	6.461		
9,800.00	6,840.00	6,731.00	6,731.00	109.58	116.52	-90.00	965.67	-5,613.93	1,124.15	932.50	191.65	5.866		
9,900.00	6,840.00	6,731.00	6,731.00	112.07	116.52	-90.00	965.67	-5,613.93	1,036.18	840.18	196.00	5.287		
10,000.00	6,840.00	6,731.00	6,731.00	114.58	116.52	-90.00	965.67	-5,613.93	950.59	749.56	201.03	4.729		
10,100.00	6,840.00	6,731.00	6,731.00	117.09	116.52	-90.00	965.67	-5,613.93	868.09	661.25	206.84	4.197		
10,200.00	6,840.00	6,731.00	6,731.00	119.61	116.52	-90.00	965.67	-5,613.93	789.64	576.14	213.49	3.699		
10,300.00	6,840.00	6,731.00	6,731.00	122.14	116.52	-90.00	965.67	-5,613.93	716.58	495.60	220.98	3.243		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,731.00	6,731.00	124.68	116.52	-90.00	965.67	-5,613.93	650.72	421.65	229.07	2.841		
10,500.00	6,840.00	6,731.00	6,731.00	127.23	116.52	-90.00	965.67	-5,613.93	594.47	357.24	237.22	2.506		
10,600.00	6,840.00	6,731.00	6,731.00	129.78	116.52	-90.00	965.67	-5,613.93	550.77	306.43	244.34	2.254		
10,700.00	6,840.00	6,731.00	6,731.00	132.35	116.52	-90.00	965.67	-5,613.93	522.78	273.92	248.86	2.101		
10,800.00	6,840.00	6,731.00	6,731.00	134.91	116.52	-90.00	965.67	-5,613.93	513.08	263.80	249.29	2.058 ES, SF		
10,800.23	6,840.00	6,731.00	6,731.00	134.92	116.52	-90.00	965.67	-5,613.93	513.08	263.80	249.29	2.058 CC		
10,900.00	6,840.00	6,731.00	6,731.00	137.49	116.52	-90.00	965.67	-5,613.93	522.70	277.58	245.11	2.132		
11,000.00	6,840.00	6,731.00	6,731.00	140.07	116.52	-90.00	965.67	-5,613.93	550.60	313.35	237.25	2.321		
11,100.00	6,840.00	6,731.00	6,731.00	142.65	116.52	-90.00	965.67	-5,613.93	594.24	366.81	227.43	2.613		
11,200.00	6,840.00	6,731.00	6,731.00	145.24	116.52	-90.00	965.67	-5,613.93	650.44	433.19	217.25	2.994		
11,300.00	6,840.00	6,731.00	6,731.00	147.83	116.52	-90.00	965.67	-5,613.93	716.26	508.56	207.70	3.448		
11,400.00	6,840.00	6,731.00	6,731.00	150.43	116.52	-90.00	965.67	-5,613.93	789.29	590.05	199.24	3.962		
11,500.00	6,840.00	6,731.00	6,731.00	153.04	116.52	-90.00	965.67	-5,613.93	867.72	675.76	191.96	4.520		
11,600.00	6,840.00	6,731.00	6,731.00	155.64	116.52	-90.00	965.67	-5,613.93	950.21	764.43	185.78	5.115		
11,700.00	6,840.00	6,731.00	6,731.00	158.26	116.52	-90.00	965.67	-5,613.93	1,035.78	855.20	180.58	5.736		
11,800.00	6,840.00	6,731.00	6,731.00	160.87	116.52	-90.00	965.67	-5,613.93	1,123.74	947.53	176.21	6.377		
11,900.00	6,840.00	6,731.00	6,731.00	163.49	116.52	-90.00	965.67	-5,613.93	1,213.57	1,041.03	172.54	7.034		
12,000.00	6,840.00	6,731.00	6,731.00	166.11	116.52	-90.00	965.67	-5,613.93	1,304.88	1,135.43	169.44	7.701		
12,100.00	6,840.00	6,731.00	6,731.00	168.74	116.52	-90.00	965.67	-5,613.93	1,397.38	1,230.55	166.83	8.376		
12,200.00	6,840.00	6,731.00	6,731.00	171.37	116.52	-90.00	965.67	-5,613.93	1,490.85	1,326.22	164.62	9.056		
12,300.00	6,840.00	6,731.00	6,731.00	174.00	116.52	-90.00	965.67	-5,613.93	1,585.11	1,422.37	162.74	9.740		
12,400.00	6,840.00	6,731.00	6,731.00	176.63	116.52	-90.00	965.67	-5,613.93	1,680.04	1,518.89	161.15	10.426		
12,500.00	6,840.00	6,731.00	6,731.00	179.27	116.52	-90.00	965.67	-5,613.93	1,775.52	1,615.74	159.78	11.112		
12,600.00	6,840.00	6,731.00	6,731.00	181.91	116.52	-90.00	965.67	-5,613.93	1,871.48	1,712.86	158.62	11.799		
12,700.00	6,840.00	6,731.00	6,731.00	184.55	116.52	-90.00	965.67	-5,613.93	1,967.84	1,810.22	157.62	12.485		
12,800.00	6,840.00	6,731.00	6,731.00	187.19	116.52	-90.00	965.67	-5,613.93	2,064.55	1,907.79	156.76	13.170		
12,900.00	6,840.00	6,731.00	6,731.00	189.84	116.52	-90.00	965.67	-5,613.93	2,161.55	2,005.53	156.02	13.854		
13,000.00	6,840.00	6,731.00	6,731.00	192.48	116.52	-90.00	965.67	-5,613.93	2,258.82	2,103.43	155.39	14.537		
13,100.00	6,840.00	6,731.00	6,731.00	195.13	116.52	-90.00	965.67	-5,613.93	2,356.31	2,201.47	154.84	15.218		
13,200.00	6,840.00	6,731.00	6,731.00	197.79	116.52	-90.00	965.67	-5,613.93	2,454.01	2,299.64	154.37	15.897		
13,300.00	6,840.00	6,731.00	6,731.00	200.44	116.52	-90.00	965.67	-5,613.93	2,551.89	2,397.92	153.97	16.574		
13,400.00	6,840.00	6,731.00	6,731.00	203.10	116.52	-90.00	965.67	-5,613.93	2,649.92	2,496.30	153.62	17.250		
13,500.00	6,840.00	6,731.00	6,731.00	205.75	116.52	-90.00	965.67	-5,613.93	2,748.10	2,594.78	153.32	17.924		
13,600.00	6,840.00	6,731.00	6,731.00	208.41	116.52	-90.00	965.67	-5,613.93	2,846.40	2,693.34	153.06	18.597		
13,700.00	6,840.00	6,731.00	6,731.00	211.07	116.52	-90.00	965.67	-5,613.93	2,944.82	2,791.97	152.84	19.267		
13,800.00	6,840.00	6,731.00	6,731.00	213.74	116.52	-90.00	965.67	-5,613.93	3,043.34	2,890.68	152.65	19.936		
13,900.00	6,840.00	6,731.00	6,731.00	216.40	116.52	-90.00	965.67	-5,613.93	3,141.95	2,989.45	152.50	20.603		
14,000.00	6,840.00	6,731.00	6,731.00	219.06	116.52	-90.00	965.67	-5,613.93	3,240.65	3,088.28	152.36	21.269		
14,100.00	6,840.00	6,731.00	6,731.00	221.73	116.52	-90.00	965.67	-5,613.93	3,339.42	3,187.17	152.25	21.933		
14,200.00	6,840.00	6,731.00	6,731.00	224.40	116.52	-90.00	965.67	-5,613.93	3,438.27	3,286.11	152.16	22.596		
14,300.00	6,840.00	6,731.00	6,731.00	227.07	116.52	-90.00	965.67	-5,613.93	3,537.18	3,385.10	152.09	23.257		
14,400.00	6,840.00	6,731.00	6,731.00	229.74	116.52	-90.00	965.67	-5,613.93	3,636.15	3,484.12	152.03	23.917		
14,500.00	6,840.00	6,731.00	6,731.00	232.41	116.52	-90.00	965.67	-5,613.93	3,735.18	3,583.20	151.99	24.576		
14,600.00	6,840.00	6,731.00	6,731.00	235.08	116.52	-90.00	965.67	-5,613.93	3,834.26	3,682.30	151.95	25.233		
14,700.00	6,840.00	6,731.00	6,731.00	237.75	116.52	-90.00	965.67	-5,613.93	3,933.38	3,781.45	151.93	25.889		
14,800.00	6,840.00	6,731.00	6,731.00	240.43	116.52	-90.00	965.67	-5,613.93	4,032.55	3,880.63	151.92	26.544		
14,900.00	6,840.00	6,731.00	6,731.00	243.10	116.52	-90.00	965.67	-5,613.93	4,131.75	3,979.84	151.92	27.197		
15,000.00	6,840.00	6,731.00	6,731.00	245.78	116.52	-90.00	965.67	-5,613.93	4,231.00	4,079.07	151.92	27.849		
15,100.00	6,840.00	6,731.00	6,731.00	248.46	116.52	-90.00	965.67	-5,613.93	4,330.28	4,178.34	151.94	28.500		
15,200.00	6,840.00	6,731.00	6,731.00	251.14	116.52	-90.00	965.67	-5,613.93	4,429.59	4,277.63	151.96	29.150		
15,300.00	6,840.00	6,731.00	6,731.00	253.82	116.52	-90.00	965.67	-5,613.93	4,528.93	4,376.95	151.98	29.799		
15,400.00	6,840.00	6,731.00	6,731.00	256.50	116.52	-90.00	965.67	-5,613.93	4,628.30	4,476.29	152.01	30.447		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON R G 26-8 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,731.00	6,731.00	259.18	116.52	-90.00	965.67	-5,613.93	4,727.70	4,575.65	152.05	31.094		
15,600.00	6,840.00	6,731.00	6,731.00	261.86	116.52	-90.00	965.67	-5,613.93	4,827.12	4,675.03	152.09	31.739		
15,700.00	6,840.00	6,731.00	6,731.00	264.54	116.52	-90.00	965.67	-5,613.93	4,926.56	4,774.43	152.13	32.384		
15,800.00	6,840.00	6,731.00	6,731.00	267.23	116.52	-90.00	965.67	-5,613.93	5,026.03	4,873.85	152.18	33.027		
15,900.00	6,840.00	6,731.00	6,731.00	269.91	116.52	-90.00	965.67	-5,613.93	5,125.52	4,973.29	152.23	33.670		
16,000.00	6,840.00	6,731.00	6,731.00	272.59	116.52	-90.00	965.67	-5,613.93	5,225.03	5,072.74	152.28	34.311		
16,100.00	6,840.00	6,731.00	6,731.00	275.28	116.52	-90.00	965.67	-5,613.93	5,324.55	5,172.21	152.34	34.952		
16,200.00	6,840.00	6,731.00	6,731.00	277.97	116.52	-90.00	965.67	-5,613.93	5,424.09	5,271.70	152.40	35.591		
16,300.00	6,840.00	6,731.00	6,731.00	280.65	116.52	-90.00	965.67	-5,613.93	5,523.65	5,371.19	152.46	36.230		
16,400.00	6,840.00	6,731.00	6,731.00	283.34	116.52	-90.00	965.67	-5,613.93	5,623.23	5,470.70	152.53	36.867		
16,500.00	6,840.00	6,731.00	6,731.00	286.03	116.52	-90.00	965.67	-5,613.93	5,722.82	5,570.23	152.59	37.504		
16,600.00	6,840.00	6,731.00	6,731.00	288.72	116.52	-90.00	965.67	-5,613.93	5,822.42	5,669.76	152.66	38.140		
16,700.00	6,840.00	6,731.00	6,731.00	291.41	116.52	-90.00	965.67	-5,613.93	5,922.04	5,769.31	152.73	38.775		
16,800.00	6,840.00	6,731.00	6,731.00	294.10	116.52	-90.00	965.67	-5,613.93	6,021.67	5,868.87	152.80	39.408		
16,900.00	6,840.00	6,731.00	6,731.00	296.79	116.52	-90.00	965.67	-5,613.93	6,121.31	5,968.44	152.87	40.041		
17,000.00	6,840.00	6,731.00	6,731.00	299.48	116.52	-90.00	965.67	-5,613.93	6,220.97	6,068.02	152.95	40.673		
17,100.00	6,840.00	6,731.00	6,731.00	302.17	116.52	-90.00	965.67	-5,613.93	6,320.63	6,167.61	153.02	41.305		
17,200.00	6,840.00	6,731.00	6,731.00	304.86	116.52	-90.00	965.67	-5,613.93	6,420.31	6,267.21	153.10	41.935		
17,300.00	6,840.00	6,731.00	6,731.00	307.56	116.52	-90.00	965.67	-5,613.93	6,519.99	6,366.81	153.18	42.564		
17,400.00	6,840.00	6,731.00	6,731.00	310.25	116.52	-90.00	965.67	-5,613.93	6,619.69	6,466.43	153.26	43.193		
17,500.00	6,840.00	6,731.00	6,731.00	312.94	116.52	-90.00	965.67	-5,613.93	6,719.39	6,566.05	153.34	43.820		
17,600.00	6,840.00	6,731.00	6,731.00	315.64	116.52	-90.00	965.67	-5,613.93	6,819.10	6,665.68	153.42	44.447		
17,700.00	6,840.00	6,731.00	6,731.00	318.33	116.52	-90.00	965.67	-5,613.93	6,918.82	6,765.32	153.50	45.072		
17,800.00	6,840.00	6,731.00	6,731.00	321.03	116.52	-90.00	965.67	-5,613.93	7,018.55	6,864.96	153.59	45.697		
17,900.00	6,840.00	6,731.00	6,731.00	323.72	116.52	-90.00	965.67	-5,613.93	7,118.29	6,964.62	153.67	46.321		
18,000.00	6,840.00	6,731.00	6,731.00	326.42	116.52	-90.00	965.67	-5,613.93	7,218.03	7,064.28	153.76	46.944		
18,100.00	6,840.00	6,731.00	6,731.00	329.11	116.52	-90.00	965.67	-5,613.93	7,317.78	7,163.94	153.84	47.567		
18,200.00	6,840.00	6,731.00	6,731.00	331.81	116.52	-90.00	965.67	-5,613.93	7,417.54	7,263.61	153.93	48.188		
18,300.00	6,840.00	6,731.00	6,731.00	334.51	116.52	-90.00	965.67	-5,613.93	7,517.30	7,363.29	154.02	48.808		
18,400.00	6,840.00	6,731.00	6,731.00	337.20	116.52	-90.00	965.67	-5,613.93	7,617.07	7,462.97	154.10	49.428		
18,500.00	6,840.00	6,731.00	6,731.00	339.90	116.52	-90.00	965.67	-5,613.93	7,716.85	7,562.66	154.19	50.047		
18,600.00	6,840.00	6,731.00	6,731.00	342.60	116.52	-90.00	965.67	-5,613.93	7,816.63	7,662.35	154.28	50.664		
18,700.00	6,840.00	6,731.00	6,731.00	345.30	116.52	-90.00	965.67	-5,613.93	7,916.42	7,762.05	154.37	51.281		
18,800.00	6,840.00	6,731.00	6,731.00	348.00	116.52	-90.00	965.67	-5,613.93	8,016.21	7,861.75	154.46	51.898		
18,900.00	6,840.00	6,731.00	6,731.00	350.70	116.52	-90.00	965.67	-5,613.93	8,116.01	7,961.45	154.55	52.513		
19,000.00	6,840.00	6,731.00	6,731.00	353.39	116.52	-90.00	965.67	-5,613.93	8,215.81	8,061.17	154.64	53.127		
19,100.00	6,840.00	6,731.00	6,731.00	356.09	116.52	-90.00	965.67	-5,613.93	8,315.62	8,160.88	154.74	53.741		
19,200.00	6,840.00	6,731.00	6,731.00	358.79	116.52	-90.00	965.67	-5,613.93	8,415.43	8,260.60	154.83	54.353		
19,300.00	6,840.00	6,731.00	6,731.00	361.49	116.52	-90.00	965.67	-5,613.93	8,515.25	8,360.32	154.92	54.965		
19,400.00	6,840.00	6,731.00	6,731.00	364.20	116.52	-90.00	965.67	-5,613.93	8,615.07	8,460.05	155.01	55.576		
19,500.00	6,840.00	6,731.00	6,731.00	366.90	116.52	-90.00	965.67	-5,613.93	8,714.89	8,559.78	155.11	56.186		
19,600.00	6,840.00	6,731.00	6,731.00	369.60	116.52	-90.00	965.67	-5,613.93	8,814.72	8,659.52	155.20	56.795		
19,700.00	6,840.00	6,731.00	6,731.00	372.30	116.52	-90.00	965.67	-5,613.93	8,914.55	8,759.25	155.30	57.403		
19,800.00	6,840.00	6,731.00	6,731.00	375.00	116.52	-90.00	965.67	-5,613.93	9,014.39	8,858.99	155.39	58.010		
19,900.00	6,840.00	6,731.00	6,731.00	377.70	116.52	-90.00	965.67	-5,613.93	9,114.23	8,958.74	155.49	58.617		
20,000.00	6,840.00	6,731.00	6,731.00	380.40	116.52	-90.00	965.67	-5,613.93	9,214.07	9,058.49	155.58	59.222		
20,100.00	6,840.00	6,731.00	6,731.00	383.11	116.52	-90.00	965.67	-5,613.93	9,313.92	9,158.24	155.68	59.827		
20,200.00	6,840.00	6,731.00	6,731.00	385.81	116.52	-90.00	965.67	-5,613.93	9,413.77	9,257.99	155.78	60.431		
20,300.00	6,840.00	6,731.00	6,731.00	388.51	116.52	-90.00	965.67	-5,613.93	9,513.62	9,357.75	155.87	61.034		
20,400.00	6,840.00	6,731.00	6,731.00	391.22	116.52	-90.00	965.67	-5,613.93	9,613.47	9,457.50	155.97	61.636		
20,500.00	6,840.00	6,731.00	6,731.00	393.92	116.52	-90.00	965.67	-5,613.93	9,713.33	9,557.26	156.07	62.237		
20,539.70	6,840.00	6,731.00	6,731.00	394.99	116.52	-90.00	965.67	-5,613.93	9,752.97	9,596.87	156.11	62.476		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-82.39	929.58	-6,953.12	7,016.11					
100.00	100.00	0.00	0.00	0.13	0.00	-82.39	929.58	-6,953.12	7,015.03	7,014.89	0.13	N/A		
126.00	126.00	0.00	0.00	0.23	0.00	-82.39	929.58	-6,953.12	7,014.98	7,014.75	0.23	N/A		
200.00	200.00	54.72	54.72	0.49	0.05	-82.38	929.65	-6,953.18	7,015.08	7,014.54	0.54	N/A		
300.00	300.00	130.90	130.89	0.85	0.14	-82.38	929.92	-6,953.50	7,015.54	7,014.55	0.99	7,105.054		
400.00	400.00	211.25	211.25	1.21	0.24	-82.38	930.32	-6,954.06	7,016.30	7,014.84	1.45	4,833.849		
500.00	500.00	296.07	296.06	1.57	0.32	-82.38	930.91	-6,954.84	7,017.30	7,015.42	1.88	3,727.665		
600.00	599.98	396.73	396.71	1.92	0.39	-27.77	931.65	-6,955.87	7,016.86	7,014.56	2.31	3,041.146		
700.00	699.84	472.55	472.53	2.28	0.44	-27.82	932.13	-6,956.77	7,013.50	7,010.79	2.71	2,589.133		
800.00	799.45	563.94	563.90	2.65	0.49	-27.90	932.81	-6,958.11	7,007.33	7,004.21	3.12	2,246.064		
900.00	898.70	662.86	662.81	3.02	0.54	-28.03	933.76	-6,959.55	6,998.11	6,994.57	3.53	1,979.771		
1,000.00	997.47	770.21	770.14	3.42	0.60	-28.20	935.25	-6,961.01	6,985.80	6,981.85	3.96	1,766.016		
1,100.00	1,095.62	898.98	898.88	3.84	0.66	-28.43	937.06	-6,962.41	6,970.19	6,965.80	4.39	1,587.938		
1,200.00	1,193.06	984.49	984.39	4.30	0.70	-28.68	938.19	-6,963.21	6,951.40	6,946.59	4.81	1,445.130		
1,300.00	1,289.64	1,078.73	1,078.61	4.79	0.74	-28.99	939.42	-6,964.21	6,929.75	6,924.50	5.25	1,321.175		
1,400.00	1,385.27	1,172.90	1,172.77	5.33	0.78	-29.34	940.70	-6,965.22	6,905.16	6,899.47	5.69	1,213.124		
1,500.00	1,479.82	1,284.63	1,284.48	5.92	0.83	-29.77	942.36	-6,966.33	6,877.61	6,871.45	6.16	1,116.878		
1,600.00	1,573.17	1,376.78	1,376.62	6.56	0.87	-30.22	943.88	-6,967.06	6,847.02	6,840.39	6.63	1,032.338		
1,700.00	1,665.22	1,539.56	1,539.37	7.26	0.93	-30.81	946.61	-6,967.76	6,813.37	6,806.23	7.14	954.185		
1,800.00	1,756.74	1,709.13	1,708.91	7.99	0.97	-31.10	948.74	-6,966.40	6,777.37	6,769.74	7.63	888.009		
1,900.00	1,848.26	1,790.63	1,790.40	8.75	0.99	-31.25	949.62	-6,965.44	6,741.11	6,732.98	8.13	829.673		
2,000.00	1,939.78	1,898.35	1,898.10	9.51	1.02	-31.44	951.34	-6,964.04	6,704.84	6,696.20	8.63	776.786		
2,100.00	2,031.30	1,966.53	1,966.28	10.29	1.04	-31.56	952.31	-6,963.18	6,668.64	6,659.50	9.15	729.164		
2,200.00	2,122.82	2,042.03	2,041.77	11.07	1.06	-31.70	952.95	-6,962.54	6,632.80	6,623.13	9.67	686.018		
2,300.00	2,214.34	2,125.01	2,124.75	11.86	1.08	-31.86	953.48	-6,961.97	6,597.15	6,586.95	10.20	646.837		
2,400.00	2,305.85	2,206.61	2,206.34	12.66	1.10	-32.02	953.95	-6,961.52	6,561.68	6,550.94	10.74	611.138		
2,500.00	2,397.37	2,281.16	2,280.89	13.46	1.12	-32.16	954.42	-6,961.27	6,526.46	6,515.18	11.28	578.495		
2,600.00	2,488.89	2,347.94	2,347.67	14.26	1.15	-32.29	955.06	-6,961.23	6,491.58	6,479.74	11.83	548.511		
2,700.00	2,580.41	2,416.66	2,416.38	15.07	1.17	-32.42	956.26	-6,961.43	6,457.13	6,444.74	12.39	520.968		
2,800.00	2,671.93	2,503.43	2,503.12	15.88	1.20	-32.58	957.91	-6,961.83	6,422.92	6,409.96	12.96	495.614		
2,900.00	2,763.45	2,588.90	2,588.59	16.69	1.23	-32.75	959.43	-6,962.31	6,388.85	6,375.32	13.53	472.218		
3,000.00	2,854.97	2,714.99	2,714.66	17.51	1.28	-33.00	961.02	-6,962.84	6,354.67	6,340.57	14.10	450.683		
3,100.00	2,946.49	2,803.89	2,803.56	18.32	1.31	-33.18	961.99	-6,963.02	6,320.33	6,305.65	14.68	430.638		
3,200.00	3,038.00	2,903.89	2,903.55	19.14	1.34	-33.38	963.01	-6,963.15	6,285.97	6,270.72	15.26	412.056		
3,300.00	3,129.52	2,991.32	2,990.98	19.96	1.35	-33.57	963.34	-6,963.27	6,251.65	6,235.83	15.83	394.971		
3,400.00	3,221.04	3,059.59	3,059.25	20.77	1.36	-33.72	963.19	-6,963.53	6,217.59	6,201.17	16.42	378.594		
3,500.00	3,312.56	3,146.18	3,145.83	21.59	1.37	-33.91	962.89	-6,964.18	6,183.92	6,166.90	17.02	363.306		
3,600.00	3,404.08	3,234.63	3,234.28	22.42	1.38	-34.11	962.50	-6,964.71	6,150.19	6,132.56	17.62	348.978		
3,700.00	3,495.60	3,300.00	3,299.65	23.24	1.38	-34.26	961.89	-6,965.37	6,116.87	6,098.63	18.23	335.463		
3,800.00	3,587.12	3,386.66	3,386.29	24.06	1.39	-34.47	960.91	-6,966.47	6,083.87	6,065.02	18.85	322.821		
3,900.00	3,678.63	3,481.12	3,480.75	24.88	1.41	-34.69	960.62	-6,967.64	6,050.96	6,031.51	19.45	311.055		
4,000.00	3,770.15	3,606.82	3,606.43	25.71	1.45	-34.97	962.18	-6,968.77	6,017.91	5,997.85	20.06	300.057		
4,100.00	3,861.67	3,766.12	3,765.73	26.53	1.49	-35.33	963.70	-6,968.58	5,983.87	5,963.23	20.64	289.950		
4,200.00	3,953.19	3,841.23	3,840.83	27.35	1.50	-35.50	964.23	-6,968.20	5,949.65	5,928.40	21.25	279.922		
4,300.00	4,044.71	3,900.00	3,899.60	28.18	1.52	-35.64	964.74	-6,968.20	5,915.97	5,894.08	21.88	270.341		
4,400.00	4,136.23	3,970.99	3,970.59	29.01	1.53	-35.80	965.11	-6,968.54	5,882.78	5,860.26	22.51	261.301		
4,500.00	4,227.75	4,050.11	4,049.70	29.83	1.54	-36.00	964.95	-6,969.19	5,849.97	5,826.82	23.15	252.682		
4,600.00	4,319.27	4,125.81	4,125.40	30.66	1.56	-36.19	964.84	-6,969.93	5,817.39	5,793.60	23.80	244.440		
4,700.00	4,410.78	4,187.80	4,187.39	31.48	1.57	-36.34	964.72	-6,970.81	5,785.32	5,760.86	24.46	236.565		
4,800.00	4,502.30	4,308.75	4,308.32	32.31	1.59	-36.65	964.12	-6,972.65	5,753.43	5,728.34	25.10	229.246		
4,900.00	4,593.82	4,394.31	4,393.87	33.14	1.60	-36.88	963.60	-6,973.74	5,721.40	5,695.64	25.76	222.146		
5,000.00	4,685.34	4,520.20	4,519.75	33.96	1.62	-37.21	963.05	-6,974.88	5,689.08	5,662.68	26.40	215.483		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,587.26	4,586.81	34.79	1.63	-37.39	962.56	-6,975.49	5,656.91	5,629.84	27.07	208.937		
5,200.00	4,868.38	4,640.53	4,640.06	35.62	1.64	-37.53	961.98	-6,976.26	5,625.33	5,597.57	27.76	202.649		
5,300.00	4,959.90	4,700.00	4,699.52	36.45	1.65	-37.70	961.15	-6,977.60	5,594.55	5,566.10	28.45	196.671		
5,400.00	5,051.41	4,793.89	4,793.37	37.27	1.66	-37.96	959.86	-6,979.98	5,564.17	5,535.05	29.13	191.035		
5,500.00	5,142.93	4,871.18	4,870.63	38.10	1.68	-38.18	958.92	-6,981.89	5,533.86	5,504.04	29.82	185.592		
5,600.00	5,234.45	4,952.20	4,951.61	38.93	1.69	-38.41	957.89	-6,984.12	5,503.91	5,473.39	30.51	180.384		
5,700.00	5,325.97	5,700.00	5,073.61	39.76	1.86	-38.76	956.89	-6,987.19	5,473.83	5,442.47	31.36	174.527		
5,800.00	5,417.49	5,187.67	5,187.01	40.59	1.74	-39.08	956.12	-6,989.35	5,443.27	5,411.39	31.88	170.720		
5,900.00	5,509.01	5,291.38	5,290.70	41.42	1.77	-39.38	955.57	-6,991.25	5,412.80	5,380.21	32.58	166.127		
6,000.00	5,600.53	5,441.08	5,440.39	42.25	1.80	-39.81	955.49	-6,992.99	5,381.80	5,348.54	33.25	161.838		
6,100.00	5,692.04	5,534.03	5,533.34	43.07	1.81	-40.08	955.00	-6,993.39	5,350.26	5,316.31	33.96	157.559		
6,200.00	5,783.56	5,600.00	5,599.31	43.90	1.82	-40.28	954.46	-6,993.98	5,319.27	5,284.58	34.68	153.362		
6,300.00	5,875.08	5,723.78	5,723.08	44.73	1.84	-40.66	953.87	-6,995.07	5,288.42	5,253.03	35.38	149.463		
6,400.00	5,966.60	5,865.76	5,865.06	45.56	1.84	-41.09	953.89	-6,995.00	5,256.74	5,220.70	36.04	145.864		
6,500.00	6,058.12	5,987.11	5,986.41	46.39	1.84	-41.45	954.49	-6,994.12	5,224.58	5,187.86	36.71	142.315		
6,600.00	6,149.64	6,085.74	6,085.03	47.22	1.83	-41.76	954.46	-6,993.00	5,192.19	5,154.77	37.41	138.779		
6,700.00	6,241.16	6,190.63	6,189.91	48.05	1.83	-42.09	954.22	-6,991.61	5,159.77	5,121.65	38.12	135.369		
6,800.00	6,332.68	6,265.21	6,264.48	48.88	1.83	-42.34	953.95	-6,990.60	5,127.46	5,088.61	38.85	131.965		
6,900.00	6,424.19	6,350.71	6,349.98	49.71	1.83	-42.62	953.60	-6,989.72	5,095.57	5,055.98	39.59	128.710		
7,000.00	6,514.88	6,437.50	6,436.76	50.58	1.82	-36.97	953.28	-6,988.79	5,061.54	5,021.21	40.34	125.485		
7,100.00	6,599.14	6,509.75	6,509.01	51.67	1.82	-30.49	953.11	-6,988.18	5,013.84	4,972.72	41.13	121.916		
7,200.00	6,673.85	6,586.37	6,585.62	53.01	1.82	-27.60	952.86	-6,987.59	4,951.89	4,909.99	41.90	118.176		
7,300.00	6,736.73	6,652.73	6,651.98	54.56	1.82	-27.14	952.58	-6,987.03	4,877.46	4,834.82	42.64	114.381		
7,400.00	6,785.87	6,704.70	6,703.95	56.29	1.82	-29.26	952.38	-6,986.55	4,792.79	4,749.48	43.31	110.663		
7,500.00	6,819.79	6,733.21	6,732.45	58.13	1.82	-36.01	952.29	-6,986.29	4,700.47	4,656.58	43.88	107.112		
7,600.00	6,837.44	6,748.16	6,747.40	60.02	1.82	-58.77	952.23	-6,986.17	4,603.28	4,558.95	44.33	103.843		
7,700.00	6,840.00	6,749.70	6,748.95	61.90	1.82	-93.75	952.23	-6,986.16	4,504.11	4,459.46	44.65	100.881		
7,800.00	6,840.00	6,748.97	6,748.21	63.83	1.82	-93.68	952.23	-6,986.16	4,404.83	4,359.87	44.96	97.981		
7,900.00	6,840.00	6,748.23	6,747.47	65.81	1.82	-93.60	952.23	-6,986.17	4,305.58	4,260.30	45.28	95.086		
8,000.00	6,840.00	6,747.48	6,746.73	67.84	1.82	-93.52	952.23	-6,986.17	4,206.37	4,160.75	45.62	92.198		
8,100.00	6,840.00	6,746.73	6,745.98	69.91	1.82	-93.44	952.24	-6,986.18	4,107.20	4,061.21	45.98	89.317		
8,200.00	6,840.00	6,745.98	6,745.23	72.03	1.82	-93.36	952.24	-6,986.19	4,008.07	3,961.70	46.37	86.443		
8,300.00	6,840.00	6,745.23	6,744.47	74.18	1.82	-93.28	952.24	-6,986.19	3,908.98	3,862.21	46.77	83.578		
8,400.00	6,840.00	6,744.47	6,743.72	76.37	1.82	-93.19	952.25	-6,986.20	3,809.94	3,762.74	47.20	80.723		
8,500.00	6,840.00	6,743.71	6,742.95	78.59	1.82	-93.11	952.25	-6,986.20	3,710.95	3,663.30	47.65	77.877		
8,600.00	6,840.00	6,742.94	6,742.19	80.85	1.82	-93.03	952.25	-6,986.21	3,612.02	3,563.88	48.13	75.042		
8,700.00	6,840.00	6,742.17	6,741.42	83.13	1.82	-92.95	952.25	-6,986.22	3,513.14	3,464.50	48.65	72.220		
8,800.00	6,840.00	6,741.40	6,740.64	85.44	1.82	-92.86	952.26	-6,986.22	3,414.33	3,365.14	49.19	69.410		
8,900.00	6,840.00	6,740.62	6,739.87	87.77	1.82	-92.78	952.26	-6,986.23	3,315.60	3,265.82	49.77	66.615		
9,000.00	6,840.00	6,739.84	6,739.09	90.12	1.82	-92.70	952.26	-6,986.24	3,216.94	3,166.54	50.39	63.835		
9,100.00	6,840.00	6,739.06	6,738.30	92.50	1.82	-92.61	952.26	-6,986.24	3,118.37	3,067.30	51.06	61.072		
9,200.00	6,840.00	6,738.27	6,737.51	94.89	1.82	-92.53	952.27	-6,986.25	3,019.89	2,968.11	51.77	58.327		
9,300.00	6,840.00	6,737.48	6,736.72	97.30	1.82	-92.44	952.27	-6,986.26	2,921.51	2,868.97	52.54	55.603		
9,400.00	6,840.00	6,736.68	6,735.93	99.73	1.82	-92.36	952.27	-6,986.26	2,823.25	2,769.88	53.37	52.901		
9,500.00	6,840.00	6,735.88	6,735.13	102.17	1.82	-92.27	952.28	-6,986.27	2,725.11	2,670.85	54.26	50.222		
9,600.00	6,840.00	6,735.08	6,734.32	104.63	1.82	-92.19	952.28	-6,986.28	2,627.11	2,571.89	55.23	47.570		
9,700.00	6,840.00	6,734.27	6,733.51	107.10	1.82	-92.10	952.28	-6,986.29	2,529.27	2,473.00	56.27	44.946		
9,800.00	6,840.00	6,733.46	6,732.70	109.58	1.82	-92.01	952.28	-6,986.29	2,431.61	2,374.19	57.41	42.353		
9,900.00	6,840.00	6,732.64	6,731.89	112.07	1.82	-91.92	952.29	-6,986.30	2,334.14	2,275.49	58.65	39.795		
10,000.00	6,840.00	6,731.82	6,731.07	114.58	1.82	-91.84	952.29	-6,986.31	2,236.90	2,176.88	60.01	37.274		
10,100.00	6,840.00	6,731.00	6,730.24	117.09	1.82	-91.75	952.29	-6,986.31	2,139.91	2,078.40	61.50	34.793		
10,200.00	6,840.00	6,730.17	6,729.41	119.61	1.82	-91.66	952.30	-6,986.32	2,043.21	1,980.06	63.14	32.358		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,729.34	6,728.58	122.14	1.82	-91.57	952.30	-6,986.33	1,946.84	1,881.88	64.96	29.971		
10,400.00	6,840.00	6,728.50	6,727.74	124.68	1.82	-91.48	952.30	-6,986.34	1,850.86	1,783.89	66.97	27.638		
10,500.00	6,840.00	6,727.66	6,726.90	127.23	1.82	-91.39	952.30	-6,986.34	1,755.32	1,686.12	69.20	25.364		
10,600.00	6,840.00	6,726.81	6,726.06	129.78	1.82	-91.30	952.31	-6,986.35	1,660.31	1,588.61	71.71	23.155		
10,700.00	6,840.00	6,725.96	6,725.21	132.35	1.82	-91.21	952.31	-6,986.36	1,565.93	1,491.41	74.51	21.016		
10,800.00	6,840.00	6,725.11	6,724.36	134.91	1.82	-91.11	952.31	-6,986.37	1,472.28	1,394.60	77.68	18.954		
10,900.00	6,840.00	6,724.25	6,723.50	137.49	1.82	-91.02	952.32	-6,986.37	1,379.53	1,298.26	81.26	16.976		
11,000.00	6,840.00	6,723.39	6,722.64	140.07	1.82	-90.93	952.32	-6,986.38	1,287.86	1,202.51	85.34	15.090		
11,100.00	6,840.00	6,722.52	6,721.77	142.65	1.82	-90.84	952.32	-6,986.39	1,197.52	1,107.51	90.00	13.305		
11,200.00	6,840.00	6,721.65	6,720.90	145.24	1.82	-90.74	952.33	-6,986.40	1,108.84	1,013.49	95.35	11.629		
11,300.00	6,840.00	6,720.78	6,720.02	147.83	1.82	-90.65	952.33	-6,986.40	1,022.25	920.76	101.49	10.073		
11,400.00	6,840.00	6,719.90	6,719.14	150.43	1.82	-90.55	952.33	-6,986.41	938.34	829.79	108.55	8.645		
11,500.00	6,840.00	6,719.01	6,718.26	153.04	1.82	-90.46	952.33	-6,986.42	857.87	741.25	116.62	7.356		
11,600.00	6,840.00	6,718.12	6,717.37	155.64	1.82	-90.36	952.34	-6,986.43	781.93	656.17	125.77	6.217		
11,700.00	6,840.00	6,717.23	6,716.47	158.26	1.82	-90.27	952.34	-6,986.44	711.96	576.08	135.88	5.240		
11,800.00	6,840.00	6,716.33	6,715.57	160.87	1.82	-90.17	952.34	-6,986.44	649.89	503.32	146.56	4.434		
11,900.00	6,840.00	6,715.42	6,714.67	163.49	1.82	-90.07	952.35	-6,986.45	598.18	441.23	156.95	3.811		
12,000.00	6,840.00	6,714.52	6,713.76	166.11	1.82	-89.97	952.35	-6,986.46	559.72	394.17	165.55	3.381		
12,100.00	6,840.00	6,713.60	6,712.85	168.74	1.82	-89.88	952.35	-6,986.47	537.35	366.93	170.42	3.153		
12,172.70	6,840.00	6,712.94	6,712.18	170.65	1.82	-89.80	952.36	-6,986.48	532.41	361.70	170.71	3.119 CC, ES, SF		
12,200.00	6,840.00	6,712.69	6,711.93	171.37	1.82	-89.78	952.36	-6,986.48	533.11	363.08	170.04	3.135		
12,300.00	6,840.00	6,711.76	6,711.01	174.00	1.82	-89.68	952.36	-6,986.49	547.42	383.24	164.18	3.334		
12,400.00	6,840.00	6,710.84	6,710.08	176.63	1.82	-89.58	952.36	-6,986.49	578.90	424.71	154.19	3.755		
12,500.00	6,840.00	6,709.90	6,709.15	179.27	1.82	-89.48	952.37	-6,986.50	624.96	482.88	142.09	4.399		
12,600.00	6,840.00	6,708.97	6,708.21	181.91	1.82	-89.38	952.37	-6,986.51	682.67	553.04	129.63	5.266		
12,700.00	6,840.00	6,708.02	6,707.27	184.55	1.82	-89.28	952.37	-6,986.52	749.32	631.43	117.89	6.356		
12,800.00	6,840.00	6,707.08	6,706.32	187.19	1.82	-89.17	952.38	-6,986.53	822.76	715.39	107.37	7.663		
12,900.00	6,840.00	6,706.12	6,705.37	189.84	1.82	-89.07	952.38	-6,986.54	901.32	803.14	98.18	9.180		
13,000.00	6,840.00	6,705.17	6,704.41	192.48	1.82	-88.97	952.38	-6,986.55	983.78	893.52	90.26	10.899		
13,100.00	6,840.00	6,704.20	6,703.45	195.13	1.82	-88.86	952.39	-6,986.56	1,069.24	985.77	83.47	12.809		
13,200.00	6,840.00	6,703.24	6,702.48	197.79	1.82	-88.76	952.39	-6,986.57	1,157.03	1,079.37	77.66	14.898		
13,300.00	6,840.00	6,702.26	6,701.51	200.44	1.82	-88.66	952.39	-6,986.57	1,246.66	1,173.98	72.68	17.152		
13,400.00	6,840.00	6,701.28	6,700.53	203.10	1.82	-88.55	952.40	-6,986.58	1,337.76	1,269.35	68.40	19.557		
13,500.00	6,840.00	6,700.30	6,699.55	205.75	1.82	-88.44	952.40	-6,986.59	1,430.05	1,365.33	64.72	22.097		
13,600.00	6,840.00	6,699.34	6,698.59	208.41	1.82	-88.34	952.40	-6,986.60	1,523.31	1,461.78	61.53	24.757		
13,700.00	6,840.00	6,698.40	6,697.65	211.07	1.82	-88.24	952.41	-6,986.61	1,617.38	1,558.61	58.77	27.521		
13,800.00	6,840.00	6,697.46	6,696.71	213.74	1.82	-88.14	952.41	-6,986.62	1,712.11	1,655.75	56.37	30.375		
13,900.00	6,840.00	6,696.53	6,695.78	216.40	1.82	-88.04	952.41	-6,986.63	1,807.42	1,753.15	54.27	33.305		
14,000.00	6,840.00	6,695.59	6,694.84	219.06	1.82	-87.94	952.42	-6,986.64	1,903.21	1,850.77	52.44	36.296		
14,100.00	6,840.00	6,694.66	6,693.91	221.73	1.82	-87.84	952.42	-6,986.65	1,999.41	1,948.58	50.83	39.338		
14,200.00	6,840.00	6,693.73	6,692.98	224.40	1.82	-87.74	952.42	-6,986.66	2,095.96	2,046.55	49.41	42.417		
14,300.00	6,840.00	6,692.81	6,692.06	227.07	1.82	-87.64	952.43	-6,986.66	2,192.82	2,144.65	48.17	45.525		
14,400.00	6,840.00	6,691.88	6,691.13	229.74	1.82	-87.54	952.43	-6,986.67	2,289.95	2,242.89	47.07	48.651		
14,500.00	6,840.00	6,690.96	6,690.21	232.41	1.82	-87.44	952.43	-6,986.68	2,387.32	2,341.23	46.10	51.788		
14,600.00	6,840.00	6,690.04	6,689.29	235.08	1.82	-87.34	952.43	-6,986.69	2,484.90	2,439.66	45.24	54.929		
14,700.00	6,840.00	6,689.13	6,688.37	237.75	1.82	-87.24	952.44	-6,986.70	2,582.66	2,538.19	44.48	58.068		
14,800.00	6,840.00	6,688.21	6,687.46	240.43	1.82	-87.15	952.44	-6,986.71	2,680.59	2,636.79	43.80	61.199		
14,900.00	6,840.00	6,687.30	6,686.55	243.10	1.82	-87.05	952.44	-6,986.72	2,778.66	2,735.46	43.20	64.319		
15,000.00	6,840.00	6,686.39	6,685.64	245.78	1.82	-86.95	952.45	-6,986.72	2,876.87	2,834.20	42.67	67.423		
15,100.00	6,840.00	6,685.48	6,684.73	248.46	1.82	-86.85	952.45	-6,986.73	2,975.20	2,933.00	42.20	70.509		
15,200.00	6,840.00	6,684.58	6,683.83	251.14	1.82	-86.76	952.45	-6,986.74	3,073.63	3,031.85	41.78	73.575		
15,300.00	6,840.00	6,683.68	6,682.92	253.82	1.82	-86.66	952.46	-6,986.75	3,172.16	3,130.76	41.40	76.617		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,682.78	6,682.02	256.50	1.82	-86.56	952.46	-6,986.76	3,270.78	3,229.71	41.07	79.636		
15,500.00	6,840.00	6,681.88	6,681.13	259.18	1.82	-86.47	952.46	-6,986.77	3,369.48	3,328.70	40.78	82.630		
15,600.00	6,840.00	6,680.98	6,680.23	261.86	1.82	-86.37	952.47	-6,986.78	3,468.26	3,427.74	40.52	85.597		
15,700.00	6,840.00	6,680.09	6,679.34	264.54	1.82	-86.27	952.47	-6,986.78	3,567.10	3,526.81	40.29	88.539		
15,800.00	6,840.00	6,679.20	6,678.45	267.23	1.82	-86.18	952.47	-6,986.79	3,666.01	3,625.92	40.09	91.453		
15,900.00	6,840.00	6,678.31	6,677.56	269.91	1.82	-86.08	952.48	-6,986.80	3,764.97	3,725.06	39.91	94.341		
16,000.00	6,840.00	6,677.42	6,676.67	272.59	1.82	-85.99	952.48	-6,986.81	3,863.99	3,824.24	39.75	97.201		
16,100.00	6,840.00	6,676.54	6,675.79	275.28	1.82	-85.89	952.48	-6,986.82	3,963.05	3,923.44	39.62	100.035		
16,200.00	6,840.00	6,675.66	6,674.91	277.97	1.82	-85.80	952.49	-6,986.82	4,062.16	4,022.67	39.50	102.843		
16,300.00	6,840.00	6,674.78	6,674.03	280.65	1.82	-85.71	952.49	-6,986.83	4,161.32	4,121.92	39.40	105.623		
16,400.00	6,840.00	6,673.90	6,673.15	283.34	1.82	-85.61	952.49	-6,986.84	4,260.51	4,221.20	39.31	108.379		
16,500.00	6,840.00	6,673.02	6,672.27	286.03	1.82	-85.52	952.50	-6,986.85	4,359.74	4,320.50	39.24	111.108		
16,600.00	6,840.00	6,672.15	6,671.40	288.72	1.82	-85.42	952.50	-6,986.86	4,459.01	4,419.83	39.18	113.812		
16,700.00	6,840.00	6,671.28	6,670.53	291.41	1.82	-85.33	952.50	-6,986.86	4,558.30	4,519.17	39.13	116.492		
16,800.00	6,840.00	6,670.41	6,669.66	294.10	1.82	-85.24	952.51	-6,986.87	4,657.63	4,618.54	39.09	119.147		
16,900.00	6,840.00	6,669.55	6,668.80	296.79	1.82	-85.15	952.51	-6,986.88	4,756.98	4,717.92	39.06	121.779		
17,000.00	6,840.00	6,668.68	6,667.93	299.48	1.82	-85.05	952.51	-6,986.89	4,856.36	4,817.32	39.04	124.387		
17,100.00	6,840.00	6,667.82	6,667.07	302.17	1.82	-84.96	952.52	-6,986.90	4,955.77	4,916.74	39.03	126.973		
17,200.00	6,840.00	6,666.96	6,666.21	304.86	1.82	-84.87	952.52	-6,986.90	5,055.20	5,016.17	39.03	129.536		
17,300.00	6,840.00	6,666.10	6,665.35	307.56	1.82	-84.78	952.52	-6,986.91	5,154.65	5,115.62	39.03	132.078		
17,400.00	6,840.00	6,665.25	6,664.50	310.25	1.82	-84.69	952.53	-6,986.92	5,254.12	5,215.08	39.04	134.598		
17,500.00	6,840.00	6,664.39	6,663.64	312.94	1.82	-84.60	952.53	-6,986.93	5,353.61	5,314.56	39.05	137.097		
17,600.00	6,840.00	6,663.54	6,662.79	315.64	1.82	-84.50	952.53	-6,986.93	5,453.12	5,414.05	39.07	139.575		
17,700.00	6,840.00	6,662.69	6,661.94	318.33	1.82	-84.41	952.54	-6,986.94	5,552.64	5,513.55	39.09	142.033		
17,800.00	6,840.00	6,661.85	6,661.10	321.03	1.82	-84.32	952.54	-6,986.95	5,652.19	5,613.06	39.12	144.472		
17,900.00	6,840.00	6,661.00	6,660.25	323.72	1.82	-84.23	952.54	-6,986.96	5,751.75	5,712.59	39.16	146.891		
18,000.00	6,840.00	6,660.16	6,659.41	326.42	1.82	-84.14	952.55	-6,986.97	5,851.32	5,812.13	39.19	149.291		
18,100.00	6,840.00	6,659.32	6,658.57	329.11	1.82	-84.05	952.55	-6,986.97	5,950.91	5,911.67	39.24	151.672		
18,200.00	6,840.00	6,658.48	6,657.73	331.81	1.82	-83.96	952.55	-6,986.98	6,050.51	6,011.23	39.28	154.036		
18,300.00	6,840.00	6,657.64	6,656.89	334.51	1.82	-83.88	952.56	-6,986.99	6,150.12	6,110.80	39.33	156.381		
18,400.00	6,840.00	6,656.81	6,656.06	337.20	1.82	-83.79	952.56	-6,987.00	6,249.75	6,210.37	39.38	158.708		
18,500.00	6,840.00	6,655.98	6,655.23	339.90	1.82	-83.70	952.56	-6,987.00	6,349.39	6,309.96	39.43	161.019		
18,600.00	6,840.00	6,655.15	6,654.40	342.60	1.82	-83.61	952.57	-6,987.01	6,449.04	6,409.55	39.49	163.312		
18,700.00	6,840.00	6,654.32	6,653.57	345.30	1.82	-83.52	952.57	-6,987.02	6,548.70	6,509.15	39.55	165.589		
18,800.00	6,840.00	6,653.49	6,652.74	348.00	1.82	-83.43	952.57	-6,987.03	6,648.37	6,608.76	39.61	167.849		
18,900.00	6,840.00	6,652.67	6,651.92	350.70	1.82	-83.35	952.58	-6,987.03	6,748.05	6,708.38	39.67	170.093		
19,000.00	6,840.00	6,651.85	6,651.10	353.39	1.82	-83.26	952.58	-6,987.04	6,847.74	6,808.00	39.74	172.321		
19,100.00	6,840.00	6,651.03	6,650.28	356.09	1.82	-83.17	952.58	-6,987.05	6,947.43	6,907.63	39.81	174.533		
19,200.00	6,840.00	6,650.21	6,649.46	358.79	1.82	-83.08	952.59	-6,987.05	7,047.14	7,007.27	39.88	176.730		
19,300.00	6,840.00	6,649.39	6,648.64	361.49	1.82	-83.00	952.59	-6,987.06	7,146.85	7,106.91	39.95	178.911		
19,400.00	6,840.00	6,648.58	6,647.83	364.20	1.82	-82.91	952.59	-6,987.07	7,246.58	7,206.56	40.02	181.078		
19,500.00	6,840.00	6,647.76	6,647.02	366.90	1.82	-82.83	952.60	-6,987.08	7,346.31	7,306.21	40.09	183.229		
19,600.00	6,840.00	6,646.95	6,646.21	369.60	1.82	-82.74	952.60	-6,987.08	7,446.04	7,405.87	40.17	185.366		
19,700.00	6,840.00	6,646.15	6,645.40	372.30	1.82	-82.65	952.60	-6,987.09	7,545.79	7,505.54	40.25	187.489		
19,800.00	6,840.00	6,645.34	6,644.59	375.00	1.82	-82.57	952.61	-6,987.10	7,645.54	7,605.21	40.33	189.597		
19,900.00	6,840.00	6,644.54	6,643.79	377.70	1.82	-82.48	952.61	-6,987.10	7,745.29	7,704.89	40.41	191.691		
20,000.00	6,840.00	6,643.73	6,642.98	380.40	1.82	-82.40	952.61	-6,987.11	7,845.06	7,804.57	40.49	193.772		
20,100.00	6,840.00	6,642.93	6,642.18	383.11	1.82	-82.31	952.62	-6,987.12	7,944.82	7,904.26	40.57	195.838		
20,200.00	6,840.00	6,642.14	6,641.39	385.81	1.82	-82.23	952.62	-6,987.13	8,044.60	8,003.95	40.65	197.891		
20,300.00	6,840.00	6,641.34	6,640.59	388.51	1.82	-82.15	952.62	-6,987.13	8,144.38	8,103.64	40.74	199.931		
20,400.00	6,840.00	6,640.54	6,639.80	391.22	1.82	-82.06	952.62	-6,987.14	8,244.16	8,203.34	40.82	201.957		
20,500.00	6,840.00	6,639.75	6,639.00	393.92	1.82	-81.98	952.63	-6,987.15	8,343.95	8,303.04	40.91	203.971		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - EXIST VERT SHELTON RG 26-7 - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,639.44	6,638.69	394.99	1.82	-81.94	952.63	-6,987.15	8,383.57	8,342.62	40.94	204.766	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-74.72	2,299.82	-8,420.16	8,729.65					
100.00	100.00	0.00	0.00	0.13	0.00	-74.72	2,299.82	-8,420.16	8,728.67	8,728.53	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-74.72	2,299.82	-8,420.16	8,728.59	8,728.15	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-74.72	2,299.82	-8,420.16	8,728.59	8,727.60	1.00	8,767.575		
300.00	300.00	164.00	164.00	0.85	1.90	-74.72	2,299.82	-8,420.16	8,728.59	8,725.84	2.75	3,169.678		
400.00	400.00	264.00	264.00	1.21	3.65	-74.72	2,299.82	-8,420.16	8,728.59	8,723.74	4.86	1,796.902		
500.00	500.00	364.00	364.00	1.57	5.39	-74.72	2,299.82	-8,420.16	8,728.59	8,721.63	6.96	1,253.859		
600.00	599.98	463.98	463.98	1.92	7.14	-20.13	2,299.82	-8,420.16	8,726.96	8,717.89	9.06	963.058		
700.00	699.84	563.84	563.84	2.28	8.88	-20.17	2,299.82	-8,420.16	8,722.04	8,710.88	11.16	781.507		
800.00	799.45	663.45	663.45	2.65	10.62	-20.25	2,299.82	-8,420.16	8,713.86	8,700.60	13.26	657.248		
900.00	898.70	762.70	762.70	3.02	12.35	-20.36	2,299.82	-8,420.16	8,702.42	8,687.07	15.35	566.843		
1,000.00	997.47	861.47	861.47	3.42	14.08	-20.50	2,299.82	-8,420.16	8,687.74	8,670.30	17.44	498.090		
1,100.00	1,095.62	959.62	959.62	3.84	15.79	-20.67	2,299.82	-8,420.16	8,669.84	8,650.31	19.53	444.015		
1,200.00	1,193.06	1,057.06	1,057.06	4.30	17.49	-20.88	2,299.82	-8,420.16	8,648.74	8,627.13	21.60	400.345		
1,300.00	1,289.64	1,153.64	1,153.64	4.79	19.17	-21.12	2,299.82	-8,420.16	8,624.47	8,600.80	23.67	364.319		
1,400.00	1,385.27	1,249.27	1,249.27	5.33	20.84	-21.39	2,299.82	-8,420.16	8,597.07	8,571.33	25.73	334.073		
1,500.00	1,479.82	1,343.82	1,343.82	5.92	22.49	-21.71	2,299.82	-8,420.16	8,566.57	8,538.78	27.79	308.302		
1,600.00	1,573.17	1,437.17	1,437.17	6.56	24.12	-22.06	2,299.82	-8,420.16	8,533.01	8,503.19	29.83	286.068		
1,700.00	1,665.22	1,529.22	1,529.22	7.26	25.73	-22.42	2,299.82	-8,420.16	8,496.47	8,464.61	31.86	266.647		
1,800.00	1,756.74	1,620.74	1,620.74	7.99	27.33	-22.52	2,299.82	-8,420.16	8,458.78	8,424.89	33.89	249.610		
1,900.00	1,848.26	1,712.26	1,712.26	8.75	28.92	-22.63	2,299.82	-8,420.16	8,421.11	8,385.19	35.92	234.434		
2,000.00	1,939.78	1,803.78	1,803.78	9.51	30.52	-22.73	2,299.82	-8,420.16	8,383.47	8,345.51	37.96	220.838		
2,100.00	2,031.30	1,904.70	1,895.30	10.29	32.28	-22.84	2,299.82	-8,420.16	8,345.85	8,305.67	40.17	207.744		
2,200.00	2,122.82	1,986.82	1,986.82	11.07	33.72	-22.95	2,299.82	-8,420.16	8,308.26	8,266.19	42.06	197.518		
2,300.00	2,214.34	2,078.34	2,078.34	11.86	35.31	-23.05	2,299.82	-8,420.16	8,270.69	8,226.56	44.12	187.450		
2,400.00	2,305.85	2,169.85	2,169.85	12.66	36.91	-23.16	2,299.82	-8,420.16	8,233.14	8,186.96	46.19	178.262		
2,500.00	2,397.37	2,261.37	2,261.37	13.46	38.51	-23.27	2,299.82	-8,420.16	8,195.63	8,147.38	48.25	169.845		
2,600.00	2,488.89	2,352.89	2,352.89	14.26	40.11	-23.38	2,299.82	-8,420.16	8,158.14	8,107.81	50.33	162.108		
2,700.00	2,580.41	2,444.41	2,444.41	15.07	41.70	-23.49	2,299.82	-8,420.16	8,120.68	8,068.28	52.40	154.974		
2,800.00	2,671.93	2,535.93	2,535.93	15.88	43.30	-23.60	2,299.82	-8,420.16	8,083.24	8,028.76	54.48	148.374		
2,900.00	2,763.45	2,627.45	2,627.45	16.69	44.90	-23.72	2,299.82	-8,420.16	8,045.83	7,989.27	56.56	142.252		
3,000.00	2,854.97	2,718.97	2,718.97	17.51	46.49	-23.83	2,299.82	-8,420.16	8,008.45	7,949.81	58.65	136.558		
3,100.00	2,946.49	2,810.49	2,810.49	18.32	48.09	-23.95	2,299.82	-8,420.16	7,971.10	7,910.37	60.73	131.249		
3,200.00	3,038.00	2,902.00	2,902.00	19.14	49.69	-24.06	2,299.82	-8,420.16	7,933.78	7,870.96	62.82	126.288		
3,300.00	3,129.52	3,006.48	2,993.52	19.96	51.51	-24.18	2,299.82	-8,420.16	7,896.49	7,831.35	65.14	121.220		
3,400.00	3,221.04	3,085.04	3,085.04	20.77	52.88	-24.30	2,299.82	-8,420.16	7,859.23	7,792.22	67.01	117.283		
3,500.00	3,312.56	3,176.56	3,176.56	21.59	54.48	-24.42	2,299.82	-8,420.16	7,821.99	7,752.89	69.11	113.184		
3,600.00	3,404.08	3,268.08	3,268.08	22.42	56.08	-24.54	2,299.82	-8,420.16	7,784.79	7,713.58	71.21	109.324		
3,700.00	3,495.60	3,359.60	3,359.60	23.24	57.68	-24.66	2,299.82	-8,420.16	7,747.62	7,674.31	73.31	105.682		
3,800.00	3,587.12	3,451.12	3,451.12	24.06	59.27	-24.79	2,299.82	-8,420.16	7,710.48	7,635.06	75.42	102.240		
3,900.00	3,678.63	3,542.63	3,542.63	24.88	60.87	-24.91	2,299.82	-8,420.16	7,673.37	7,595.85	77.52	98.982		
4,000.00	3,770.15	3,634.15	3,634.15	25.71	62.47	-25.04	2,299.82	-8,420.16	7,636.30	7,556.67	79.63	95.894		
4,100.00	3,861.67	3,725.67	3,725.67	26.53	64.07	-25.16	2,299.82	-8,420.16	7,599.25	7,517.51	81.74	92.964		
4,200.00	3,953.19	3,817.19	3,817.19	27.35	65.66	-25.29	2,299.82	-8,420.16	7,562.25	7,478.39	83.86	90.179		
4,300.00	4,044.71	3,908.71	3,908.71	28.18	67.26	-25.42	2,299.82	-8,420.16	7,525.27	7,439.30	85.97	87.529		
4,400.00	4,136.23	4,000.23	4,000.23	29.01	68.86	-25.55	2,299.82	-8,420.16	7,488.33	7,400.24	88.09	85.005		
4,500.00	4,227.75	4,108.25	4,091.75	29.83	70.74	-25.68	2,299.82	-8,420.16	7,451.42	7,360.92	90.50	82.335		
4,600.00	4,319.27	4,183.27	4,183.27	30.66	72.05	-25.82	2,299.82	-8,420.16	7,414.55	7,322.22	92.34	80.299		
4,700.00	4,410.78	4,274.78	4,274.78	31.48	73.65	-25.95	2,299.82	-8,420.16	7,377.72	7,283.26	94.46	78.103		
4,800.00	4,502.30	4,366.30	4,366.30	32.31	75.25	-26.09	2,299.82	-8,420.16	7,340.92	7,244.33	96.59	76.001		
4,900.00	4,593.82	4,457.82	4,457.82	33.14	76.84	-26.22	2,299.82	-8,420.16	7,304.16	7,205.44	98.72	73.989		
5,000.00	4,685.34	4,549.34	4,549.34	33.96	78.44	-26.36	2,299.82	-8,420.16	7,267.43	7,166.58	100.85	72.061		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,640.86	4,640.86	34.79	80.04	-26.50	2,299.82	-8,420.16	7,230.75	7,127.76	102.99	70.211		
5,200.00	4,868.38	4,732.38	4,732.38	35.62	81.64	-26.64	2,299.82	-8,420.16	7,194.10	7,088.98	105.12	68.435		
5,300.00	4,959.90	4,823.90	4,823.90	36.45	83.23	-26.78	2,299.82	-8,420.16	7,157.49	7,050.23	107.26	66.729		
5,400.00	5,051.41	4,915.41	4,915.41	37.27	84.83	-26.93	2,299.82	-8,420.16	7,120.93	7,011.52	109.40	65.088		
5,500.00	5,142.93	5,006.93	5,006.93	38.10	86.43	-27.07	2,299.82	-8,420.16	7,084.40	6,972.85	111.55	63.509		
5,600.00	5,234.45	5,101.55	5,098.45	38.93	88.08	-27.22	2,299.82	-8,420.16	7,047.91	6,934.16	113.75	61.960		
5,700.00	5,325.97	5,189.97	5,189.97	39.76	89.62	-27.37	2,299.82	-8,420.16	7,011.47	6,895.62	115.85	60.524		
5,800.00	5,417.49	5,281.49	5,281.49	40.59	91.22	-27.52	2,299.82	-8,420.16	6,975.07	6,857.07	118.00	59.112		
5,900.00	5,509.01	5,373.01	5,373.01	41.42	92.82	-27.67	2,299.82	-8,420.16	6,938.71	6,818.55	120.15	57.749		
6,000.00	5,600.53	5,464.53	5,464.53	42.25	94.41	-27.82	2,299.82	-8,420.16	6,902.39	6,780.08	122.31	56.434		
6,100.00	5,692.04	5,556.04	5,556.04	43.07	96.01	-27.97	2,299.82	-8,420.16	6,866.12	6,741.65	124.47	55.163		
6,200.00	5,783.56	5,647.56	5,647.56	43.90	97.61	-28.13	2,299.82	-8,420.16	6,829.90	6,703.26	126.63	53.935		
6,300.00	5,875.08	5,739.08	5,739.08	44.73	99.21	-28.29	2,299.82	-8,420.16	6,793.72	6,664.92	128.80	52.747		
6,400.00	5,966.60	5,830.60	5,830.60	45.56	100.80	-28.45	2,299.82	-8,420.16	6,757.58	6,626.62	130.97	51.598		
6,500.00	6,058.12	5,922.12	5,922.12	46.39	102.40	-28.61	2,299.82	-8,420.16	6,721.50	6,588.36	133.14	50.485		
6,600.00	6,149.64	6,013.64	6,013.64	47.22	104.00	-28.77	2,299.82	-8,420.16	6,685.46	6,550.15	135.31	49.408		
6,700.00	6,241.16	6,105.16	6,105.16	48.05	105.60	-28.93	2,299.82	-8,420.16	6,649.47	6,511.99	137.49	48.364		
6,800.00	6,332.68	6,203.32	6,196.68	48.88	107.31	-29.10	2,299.82	-8,420.16	6,613.54	6,473.75	139.78	47.312		
6,900.00	6,424.19	6,288.19	6,288.19	49.71	108.79	-29.26	2,299.82	-8,420.16	6,577.65	6,435.80	141.85	46.370		
7,000.00	6,514.88	6,378.88	6,378.88	50.58	110.37	-22.97	2,299.82	-8,420.16	6,539.62	6,395.59	144.02	45.407		
7,100.00	6,599.14	6,463.14	6,463.14	51.67	111.84	-14.86	2,299.82	-8,420.16	6,488.01	6,341.95	146.06	44.420		
7,200.00	6,673.85	6,537.85	6,537.85	53.01	113.15	-9.25	2,299.82	-8,420.16	6,422.53	6,274.67	147.86	43.436		
7,300.00	6,736.73	6,600.73	6,600.73	54.56	114.24	-4.22	2,299.82	-8,420.16	6,345.15	6,195.80	149.35	42.484		
7,400.00	6,785.87	6,649.87	6,649.87	56.29	115.10	2.07	2,299.82	-8,420.16	6,258.21	6,107.74	150.47	41.591		
7,500.00	6,819.79	6,683.79	6,683.79	58.13	115.69	13.97	2,299.82	-8,420.16	6,164.35	6,013.18	151.17	40.778		
7,600.00	6,837.44	6,701.44	6,701.44	60.02	116.00	49.94	2,299.82	-8,420.16	6,066.43	5,915.00	151.42	40.063		
7,700.00	6,840.00	6,704.00	6,704.00	61.90	116.05	90.00	2,299.82	-8,420.16	5,967.33	5,816.05	151.28	39.446		
7,800.00	6,840.00	6,704.00	6,704.00	63.83	116.05	90.00	2,299.82	-8,420.16	5,868.27	5,717.21	151.07	38.846		
7,900.00	6,840.00	6,704.00	6,704.00	65.81	116.05	90.00	2,299.82	-8,420.16	5,769.24	5,618.39	150.85	38.245		
8,000.00	6,840.00	6,704.00	6,704.00	67.84	116.05	90.00	2,299.82	-8,420.16	5,670.25	5,519.61	150.63	37.643		
8,100.00	6,840.00	6,704.00	6,704.00	69.91	116.05	90.00	2,299.82	-8,420.16	5,571.29	5,420.87	150.42	37.039		
8,200.00	6,840.00	6,704.00	6,704.00	72.03	116.05	90.00	2,299.82	-8,420.16	5,472.37	5,322.17	150.20	36.434		
8,300.00	6,840.00	6,704.00	6,704.00	74.18	116.05	90.00	2,299.82	-8,420.16	5,373.48	5,223.50	149.98	35.828		
8,400.00	6,840.00	6,704.00	6,704.00	76.37	116.05	90.00	2,299.82	-8,420.16	5,274.64	5,124.88	149.76	35.220		
8,500.00	6,840.00	6,704.00	6,704.00	78.59	116.05	90.00	2,299.82	-8,420.16	5,175.85	5,026.30	149.55	34.610		
8,600.00	6,840.00	6,704.00	6,704.00	80.85	116.05	90.00	2,299.82	-8,420.16	5,077.10	4,927.77	149.33	33.999		
8,700.00	6,840.00	6,704.00	6,704.00	83.13	116.05	90.00	2,299.82	-8,420.16	4,978.40	4,829.28	149.12	33.385		
8,800.00	6,840.00	6,704.00	6,704.00	85.44	116.05	90.00	2,299.82	-8,420.16	4,879.76	4,730.85	148.91	32.769		
8,900.00	6,840.00	6,704.00	6,704.00	87.77	116.05	90.00	2,299.82	-8,420.16	4,781.17	4,632.46	148.71	32.151		
9,000.00	6,840.00	6,704.00	6,704.00	90.12	116.05	90.00	2,299.82	-8,420.16	4,682.64	4,534.13	148.52	31.530		
9,100.00	6,840.00	6,704.00	6,704.00	92.50	116.05	90.00	2,299.82	-8,420.16	4,584.18	4,435.85	148.33	30.905		
9,200.00	6,840.00	6,704.00	6,704.00	94.89	116.05	90.00	2,299.82	-8,420.16	4,485.78	4,337.63	148.15	30.278		
9,300.00	6,840.00	6,704.00	6,704.00	97.30	116.05	90.00	2,299.82	-8,420.16	4,387.46	4,239.47	147.99	29.647		
9,400.00	6,840.00	6,704.00	6,704.00	99.73	116.05	90.00	2,299.82	-8,420.16	4,289.21	4,141.37	147.85	29.011		
9,500.00	6,840.00	6,704.00	6,704.00	102.17	116.05	90.00	2,299.82	-8,420.16	4,191.05	4,043.33	147.72	28.372		
9,600.00	6,840.00	6,704.00	6,704.00	104.63	116.05	90.00	2,299.82	-8,420.16	4,092.97	3,945.36	147.61	27.728		
9,700.00	6,840.00	6,704.00	6,704.00	107.10	116.05	90.00	2,299.82	-8,420.16	3,994.99	3,847.46	147.54	27.078		
9,800.00	6,840.00	6,704.00	6,704.00	109.58	116.05	90.00	2,299.82	-8,420.16	3,897.12	3,749.63	147.49	26.423		
9,900.00	6,840.00	6,704.00	6,704.00	112.07	116.05	90.00	2,299.82	-8,420.16	3,799.35	3,651.87	147.48	25.762		
10,000.00	6,840.00	6,704.00	6,704.00	114.58	116.05	90.00	2,299.82	-8,420.16	3,701.70	3,554.19	147.52	25.094		
10,100.00	6,840.00	6,704.00	6,704.00	117.09	116.05	90.00	2,299.82	-8,420.16	3,604.19	3,456.58	147.60	24.418		
10,200.00	6,840.00	6,704.00	6,704.00	119.61	116.05	90.00	2,299.82	-8,420.16	3,506.81	3,359.06	147.75	23.736		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,704.00	6,704.00	122.14	116.05	90.00	2,299.82	-8,420.16	3,409.58	3,261.63	147.96	23.045		
10,400.00	6,840.00	6,704.00	6,704.00	124.68	116.05	90.00	2,299.82	-8,420.16	3,312.52	3,164.28	148.25	22.345		
10,500.00	6,840.00	6,704.00	6,704.00	127.23	116.05	90.00	2,299.82	-8,420.16	3,215.64	3,067.02	148.62	21.636		
10,600.00	6,840.00	6,704.00	6,704.00	129.78	116.05	90.00	2,299.82	-8,420.16	3,118.96	2,969.86	149.10	20.919		
10,700.00	6,840.00	6,704.00	6,704.00	132.35	116.05	90.00	2,299.82	-8,420.16	3,022.49	2,872.80	149.69	20.191		
10,800.00	6,840.00	6,704.00	6,704.00	134.91	116.05	90.00	2,299.82	-8,420.16	2,926.26	2,775.84	150.41	19.455		
10,900.00	6,840.00	6,704.00	6,704.00	137.49	116.05	90.00	2,299.82	-8,420.16	2,830.29	2,679.01	151.28	18.709		
11,000.00	6,840.00	6,704.00	6,704.00	140.07	116.05	90.00	2,299.82	-8,420.16	2,734.61	2,582.30	152.31	17.954		
11,100.00	6,840.00	6,704.00	6,704.00	142.65	116.05	90.00	2,299.82	-8,420.16	2,639.25	2,485.72	153.52	17.191		
11,200.00	6,840.00	6,704.00	6,704.00	145.24	116.05	90.00	2,299.82	-8,420.16	2,544.24	2,389.31	154.93	16.421		
11,300.00	6,840.00	6,704.00	6,704.00	147.83	116.05	90.00	2,299.82	-8,420.16	2,449.63	2,293.06	156.57	15.645		
11,400.00	6,840.00	6,704.00	6,704.00	150.43	116.05	90.00	2,299.82	-8,420.16	2,355.47	2,197.02	158.46	14.865		
11,500.00	6,840.00	6,704.00	6,704.00	153.04	116.05	90.00	2,299.82	-8,420.16	2,261.81	2,101.19	160.62	14.082		
11,600.00	6,840.00	6,704.00	6,704.00	155.64	116.05	90.00	2,299.82	-8,420.16	2,168.72	2,005.63	163.09	13.298		
11,700.00	6,840.00	6,704.00	6,704.00	158.26	116.05	90.00	2,299.82	-8,420.16	2,076.27	1,910.38	165.89	12.516		
11,800.00	6,840.00	6,704.00	6,704.00	160.87	116.05	90.00	2,299.82	-8,420.16	1,984.55	1,815.48	169.07	11.738		
11,900.00	6,840.00	6,704.00	6,704.00	163.49	116.05	90.00	2,299.82	-8,420.16	1,893.67	1,721.01	172.66	10.968		
12,000.00	6,840.00	6,704.00	6,704.00	166.11	116.05	90.00	2,299.82	-8,420.16	1,803.75	1,627.04	176.72	10.207		
12,100.00	6,840.00	6,704.00	6,704.00	168.74	116.05	90.00	2,299.82	-8,420.16	1,714.96	1,533.67	181.29	9.460		
12,200.00	6,840.00	6,704.00	6,704.00	171.37	116.05	90.00	2,299.82	-8,420.16	1,627.46	1,441.03	186.43	8.730		
12,300.00	6,840.00	6,704.00	6,704.00	174.00	116.05	90.00	2,299.82	-8,420.16	1,541.48	1,349.28	192.20	8.020		
12,400.00	6,840.00	6,704.00	6,704.00	176.63	116.05	90.00	2,299.82	-8,420.16	1,457.30	1,258.61	198.69	7.335		
12,500.00	6,840.00	6,704.00	6,704.00	179.27	116.05	90.00	2,299.82	-8,420.16	1,375.23	1,169.28	205.95	6.677		
12,600.00	6,840.00	6,704.00	6,704.00	181.91	116.05	90.00	2,299.82	-8,420.16	1,295.69	1,081.62	214.07	6.053		
12,700.00	6,840.00	6,704.00	6,704.00	184.55	116.05	90.00	2,299.82	-8,420.16	1,219.16	996.05	223.11	5.464		
12,800.00	6,840.00	6,704.00	6,704.00	187.19	116.05	90.00	2,299.82	-8,420.16	1,146.25	913.15	233.10	4.917		
12,900.00	6,840.00	6,704.00	6,704.00	189.84	116.05	90.00	2,299.82	-8,420.16	1,077.70	833.65	244.05	4.416		
13,000.00	6,840.00	6,704.00	6,704.00	192.48	116.05	90.00	2,299.82	-8,420.16	1,014.39	758.52	255.88	3.964		
13,100.00	6,840.00	6,704.00	6,704.00	195.13	116.05	90.00	2,299.82	-8,420.16	957.36	688.97	268.38	3.567		
13,200.00	6,840.00	6,704.00	6,704.00	197.79	116.05	90.00	2,299.82	-8,420.16	907.79	626.57	281.22	3.228		
13,300.00	6,840.00	6,704.00	6,704.00	200.44	116.05	90.00	2,299.82	-8,420.16	866.97	573.13	293.83	2.951		
13,400.00	6,840.00	6,704.00	6,704.00	203.10	116.05	90.00	2,299.82	-8,420.16	836.17	530.67	305.50	2.737		
13,500.00	6,840.00	6,704.00	6,704.00	205.75	116.05	90.00	2,299.82	-8,420.16	816.53	501.13	315.40	2.589		
13,600.00	6,840.00	6,704.00	6,704.00	208.41	116.05	90.00	2,299.82	-8,420.16	808.87	486.10	322.76	2.506		
13,612.27	6,840.00	6,704.00	6,704.00	208.74	116.05	90.00	2,299.82	-8,420.16	808.77	485.31	323.47	2.500 CC, ES		
13,700.00	6,840.00	6,704.00	6,704.00	211.07	116.05	90.00	2,299.82	-8,420.16	813.52	486.40	327.12	2.487 SF		
13,800.00	6,840.00	6,704.00	6,704.00	213.74	116.05	90.00	2,299.82	-8,420.16	830.28	501.92	328.36	2.529		
13,900.00	6,840.00	6,704.00	6,704.00	216.40	116.05	90.00	2,299.82	-8,420.16	858.43	531.64	326.79	2.627		
14,000.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,299.82	-8,420.16	896.91	573.94	322.97	2.777		
14,100.00	6,840.00	6,704.00	6,704.00	221.73	116.05	90.00	2,299.82	-8,420.16	944.46	626.89	317.57	2.974		
14,200.00	6,840.00	6,704.00	6,704.00	224.40	116.05	90.00	2,299.82	-8,420.16	999.77	688.56	311.21	3.213		
14,300.00	6,840.00	6,704.00	6,704.00	227.07	116.05	90.00	2,299.82	-8,420.16	1,061.64	757.26	304.39	3.488		
14,400.00	6,840.00	6,704.00	6,704.00	229.74	116.05	90.00	2,299.82	-8,420.16	1,129.00	831.52	297.47	3.795		
14,500.00	6,840.00	6,704.00	6,704.00	232.41	116.05	90.00	2,299.82	-8,420.16	1,200.91	910.20	290.71	4.131		
14,600.00	6,840.00	6,704.00	6,704.00	235.08	116.05	90.00	2,299.82	-8,420.16	1,276.61	992.37	284.24	4.491		
14,700.00	6,840.00	6,704.00	6,704.00	237.75	116.05	90.00	2,299.82	-8,420.16	1,355.46	1,077.32	278.14	4.873		
14,800.00	6,840.00	6,704.00	6,704.00	240.43	116.05	90.00	2,299.82	-8,420.16	1,436.95	1,164.50	272.45	5.274		
14,900.00	6,840.00	6,704.00	6,704.00	243.10	116.05	90.00	2,299.82	-8,420.16	1,520.65	1,253.47	267.18	5.692		
15,000.00	6,840.00	6,704.00	6,704.00	245.78	116.05	90.00	2,299.82	-8,420.16	1,606.21	1,343.91	262.30	6.124		
15,100.00	6,840.00	6,704.00	6,704.00	248.46	116.05	90.00	2,299.82	-8,420.16	1,693.36	1,435.55	257.81	6.568		
15,200.00	6,840.00	6,704.00	6,704.00	251.14	116.05	90.00	2,299.82	-8,420.16	1,781.85	1,528.19	253.66	7.024		
15,300.00	6,840.00	6,704.00	6,704.00	253.82	116.05	90.00	2,299.82	-8,420.16	1,871.51	1,621.66	249.84	7.491		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,704.00	6,704.00	256.50	116.05	90.00	2,299.82	-8,420.16	1,962.17	1,715.84	246.32	7.966		
15,500.00	6,840.00	6,704.00	6,704.00	259.18	116.05	90.00	2,299.82	-8,420.16	2,053.69	1,810.62	243.07	8.449		
15,600.00	6,840.00	6,704.00	6,704.00	261.86	116.05	90.00	2,299.82	-8,420.16	2,145.97	1,905.90	240.07	8.939		
15,700.00	6,840.00	6,704.00	6,704.00	264.54	116.05	90.00	2,299.82	-8,420.16	2,238.91	2,001.63	237.28	9.436		
15,800.00	6,840.00	6,704.00	6,704.00	267.23	116.05	90.00	2,299.82	-8,420.16	2,332.44	2,097.74	234.70	9.938		
15,900.00	6,840.00	6,704.00	6,704.00	269.91	116.05	90.00	2,299.82	-8,420.16	2,426.48	2,194.18	232.31	10.445		
16,000.00	6,840.00	6,704.00	6,704.00	272.59	116.05	90.00	2,299.82	-8,420.16	2,520.99	2,290.91	230.08	10.957		
16,100.00	6,840.00	6,704.00	6,704.00	275.28	116.05	90.00	2,299.82	-8,420.16	2,615.90	2,387.90	228.00	11.473		
16,200.00	6,840.00	6,704.00	6,704.00	277.97	116.05	90.00	2,299.82	-8,420.16	2,711.17	2,485.11	226.06	11.993		
16,300.00	6,840.00	6,704.00	6,704.00	280.65	116.05	90.00	2,299.82	-8,420.16	2,806.78	2,582.53	224.25	12.516		
16,400.00	6,840.00	6,704.00	6,704.00	283.34	116.05	90.00	2,299.82	-8,420.16	2,902.68	2,680.13	222.55	13.043		
16,500.00	6,840.00	6,704.00	6,704.00	286.03	116.05	90.00	2,299.82	-8,420.16	2,998.85	2,777.89	220.96	13.572		
16,600.00	6,840.00	6,704.00	6,704.00	288.72	116.05	90.00	2,299.82	-8,420.16	3,095.26	2,875.79	219.47	14.104		
16,700.00	6,840.00	6,704.00	6,704.00	291.41	116.05	90.00	2,299.82	-8,420.16	3,191.89	2,973.83	218.06	14.638		
16,800.00	6,840.00	6,704.00	6,704.00	294.10	116.05	90.00	2,299.82	-8,420.16	3,288.73	3,071.99	216.74	15.174		
16,900.00	6,840.00	6,704.00	6,704.00	296.79	116.05	90.00	2,299.82	-8,420.16	3,385.75	3,170.25	215.49	15.712		
17,000.00	6,840.00	6,704.00	6,704.00	299.48	116.05	90.00	2,299.82	-8,420.16	3,482.93	3,268.62	214.32	16.251		
17,100.00	6,840.00	6,704.00	6,704.00	302.17	116.05	90.00	2,299.82	-8,420.16	3,580.28	3,367.07	213.21	16.793		
17,200.00	6,840.00	6,704.00	6,704.00	304.86	116.05	90.00	2,299.82	-8,420.16	3,677.76	3,465.61	212.15	17.335		
17,300.00	6,840.00	6,704.00	6,704.00	307.56	116.05	90.00	2,299.82	-8,420.16	3,775.38	3,564.22	211.16	17.879		
17,400.00	6,840.00	6,704.00	6,704.00	310.25	116.05	90.00	2,299.82	-8,420.16	3,873.11	3,662.90	210.21	18.425		
17,500.00	6,840.00	6,704.00	6,704.00	312.94	116.05	90.00	2,299.82	-8,420.16	3,970.96	3,761.65	209.32	18.971		
17,600.00	6,840.00	6,704.00	6,704.00	315.64	116.05	90.00	2,299.82	-8,420.16	4,068.92	3,860.45	208.47	19.518		
17,700.00	6,840.00	6,704.00	6,704.00	318.33	116.05	90.00	2,299.82	-8,420.16	4,166.97	3,959.32	207.66	20.067		
17,800.00	6,840.00	6,704.00	6,704.00	321.03	116.05	90.00	2,299.82	-8,420.16	4,265.11	4,058.23	206.89	20.616		
17,900.00	6,840.00	6,704.00	6,704.00	323.72	116.05	90.00	2,299.82	-8,420.16	4,363.34	4,157.19	206.15	21.166		
18,000.00	6,840.00	6,704.00	6,704.00	326.42	116.05	90.00	2,299.82	-8,420.16	4,461.65	4,256.19	205.45	21.716		
18,100.00	6,840.00	6,704.00	6,704.00	329.11	116.05	90.00	2,299.82	-8,420.16	4,560.03	4,355.24	204.79	22.267		
18,200.00	6,840.00	6,704.00	6,704.00	331.81	116.05	90.00	2,299.82	-8,420.16	4,658.47	4,454.32	204.15	22.819		
18,300.00	6,840.00	6,704.00	6,704.00	334.51	116.05	90.00	2,299.82	-8,420.16	4,756.99	4,553.44	203.54	23.371		
18,400.00	6,840.00	6,704.00	6,704.00	337.20	116.05	90.00	2,299.82	-8,420.16	4,855.56	4,652.60	202.96	23.924		
18,500.00	6,840.00	6,704.00	6,704.00	339.90	116.05	90.00	2,299.82	-8,420.16	4,954.19	4,751.79	202.41	24.476		
18,600.00	6,840.00	6,704.00	6,704.00	342.60	116.05	90.00	2,299.82	-8,420.16	5,052.88	4,851.00	201.87	25.030		
18,700.00	6,840.00	6,704.00	6,704.00	345.30	116.05	90.00	2,299.82	-8,420.16	5,151.61	4,950.25	201.37	25.583		
18,800.00	6,840.00	6,704.00	6,704.00	348.00	116.05	90.00	2,299.82	-8,420.16	5,250.40	5,049.52	200.88	26.137		
18,900.00	6,840.00	6,704.00	6,704.00	350.70	116.05	90.00	2,299.82	-8,420.16	5,349.22	5,148.81	200.41	26.691		
19,000.00	6,840.00	6,704.00	6,704.00	353.39	116.05	90.00	2,299.82	-8,420.16	5,448.10	5,248.13	199.96	27.245		
19,100.00	6,840.00	6,704.00	6,704.00	356.09	116.05	90.00	2,299.82	-8,420.16	5,547.01	5,347.47	199.53	27.800		
19,200.00	6,840.00	6,704.00	6,704.00	358.79	116.05	90.00	2,299.82	-8,420.16	5,645.96	5,446.84	199.12	28.354		
19,300.00	6,840.00	6,704.00	6,704.00	361.49	116.05	90.00	2,299.82	-8,420.16	5,744.94	5,546.22	198.72	28.909		
19,400.00	6,840.00	6,704.00	6,704.00	364.20	116.05	90.00	2,299.82	-8,420.16	5,843.97	5,645.62	198.34	29.464		
19,500.00	6,840.00	6,704.00	6,704.00	366.90	116.05	90.00	2,299.82	-8,420.16	5,943.02	5,745.04	197.98	30.018		
19,600.00	6,840.00	6,704.00	6,704.00	369.60	116.05	90.00	2,299.82	-8,420.16	6,042.10	5,844.48	197.63	30.573		
19,700.00	6,840.00	6,704.00	6,704.00	372.30	116.05	90.00	2,299.82	-8,420.16	6,141.22	5,943.93	197.29	31.128		
19,800.00	6,840.00	6,704.00	6,704.00	375.00	116.05	90.00	2,299.82	-8,420.16	6,240.36	6,043.40	196.97	31.683		
19,900.00	6,840.00	6,704.00	6,704.00	377.70	116.05	90.00	2,299.82	-8,420.16	6,339.53	6,142.88	196.65	32.237		
20,000.00	6,840.00	6,704.00	6,704.00	380.40	116.05	90.00	2,299.82	-8,420.16	6,438.73	6,242.38	196.35	32.792		
20,100.00	6,840.00	6,704.00	6,704.00	383.11	116.05	90.00	2,299.82	-8,420.16	6,537.95	6,341.88	196.06	33.346		
20,200.00	6,840.00	6,704.00	6,704.00	385.81	116.05	90.00	2,299.82	-8,420.16	6,637.19	6,441.41	195.78	33.901		
20,300.00	6,840.00	6,704.00	6,704.00	388.51	116.05	90.00	2,299.82	-8,420.16	6,736.46	6,540.94	195.52	34.455		
20,400.00	6,840.00	6,704.00	6,704.00	391.22	116.05	90.00	2,299.82	-8,420.16	6,835.74	6,640.49	195.26	35.009		
20,500.00	6,840.00	6,704.00	6,704.00	393.92	116.05	90.00	2,299.82	-8,420.16	6,935.05	6,740.04	195.01	35.563		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - SI VERT DUPPER 1 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,704.00	6,704.00	394.99	116.05	90.00	2,299.82	-8,420.16	6,974.48	6,779.57	194.91	35.783	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-73.10	2,175.56	-7,162.00	7,486.38					
100.00	100.00	0.00	0.00	0.13	0.00	-73.10	2,175.56	-7,162.00	7,485.23	7,485.09	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-73.10	2,175.56	-7,162.00	7,485.14	7,484.69	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-73.10	2,175.56	-7,162.00	7,485.14	7,484.15	1.00	7,518.570		
300.00	300.00	164.00	164.00	0.85	1.90	-73.10	2,175.56	-7,162.00	7,485.14	7,482.39	2.75	2,718.134		
400.00	400.00	264.00	264.00	1.21	3.65	-73.10	2,175.56	-7,162.00	7,485.14	7,480.28	4.86	1,540.920		
500.00	500.00	364.00	364.00	1.57	5.39	-73.10	2,175.56	-7,162.00	7,485.14	7,478.18	6.96	1,075.238		
600.00	599.98	463.98	463.98	1.92	7.14	-18.51	2,175.56	-7,162.00	7,483.49	7,474.43	9.06	825.834		
700.00	699.84	563.84	563.84	2.28	8.88	-18.55	2,175.56	-7,162.00	7,478.52	7,467.36	11.16	670.082		
800.00	799.45	663.45	663.45	2.65	10.62	-18.63	2,175.56	-7,162.00	7,470.26	7,457.00	13.26	563.446		
900.00	898.70	762.70	762.70	3.02	12.35	-18.73	2,175.56	-7,162.00	7,458.71	7,443.35	15.35	485.837		
1,000.00	997.47	861.47	861.47	3.42	14.08	-18.87	2,175.56	-7,162.00	7,443.88	7,426.44	17.44	426.792		
1,100.00	1,095.62	959.62	959.62	3.84	15.79	-19.03	2,175.56	-7,162.00	7,425.80	7,406.27	19.52	380.332		
1,200.00	1,193.06	1,057.06	1,057.06	4.30	17.49	-19.23	2,175.56	-7,162.00	7,404.49	7,382.89	21.60	342.796		
1,300.00	1,289.64	1,153.64	1,153.64	4.79	19.17	-19.47	2,175.56	-7,162.00	7,379.98	7,356.31	23.67	311.814		
1,400.00	1,385.27	1,249.27	1,249.27	5.33	20.84	-19.74	2,175.56	-7,162.00	7,352.30	7,326.58	25.73	285.789		
1,500.00	1,479.82	1,343.82	1,343.82	5.92	22.49	-20.04	2,175.56	-7,162.00	7,321.50	7,293.73	27.77	263.602		
1,600.00	1,573.17	1,437.17	1,437.17	6.56	24.12	-20.39	2,175.56	-7,162.00	7,287.61	7,257.80	29.81	244.449		
1,700.00	1,665.22	1,529.22	1,529.22	7.26	25.73	-20.74	2,175.56	-7,162.00	7,250.70	7,218.86	31.84	227.708		
1,800.00	1,756.74	1,620.74	1,620.74	7.99	27.33	-20.85	2,175.56	-7,162.00	7,212.63	7,178.78	33.86	213.019		
1,900.00	1,848.26	1,712.26	1,712.26	8.75	28.92	-20.97	2,175.56	-7,162.00	7,174.59	7,138.70	35.88	199.934		
2,000.00	1,939.78	1,803.78	1,803.78	9.51	30.52	-21.08	2,175.56	-7,162.00	7,136.57	7,098.65	37.92	188.209		
2,100.00	2,031.30	1,904.70	1,895.30	10.29	32.28	-21.20	2,175.56	-7,162.00	7,098.58	7,058.45	40.12	176.923		
2,200.00	2,122.82	1,986.82	1,986.82	11.07	33.72	-21.31	2,175.56	-7,162.00	7,060.61	7,018.60	42.00	168.093		
2,300.00	2,214.34	2,078.34	2,078.34	11.86	35.31	-21.43	2,175.56	-7,162.00	7,022.66	6,978.61	44.06	159.407		
2,400.00	2,305.85	2,169.85	2,169.85	12.66	36.91	-21.55	2,175.56	-7,162.00	6,984.75	6,938.64	46.11	151.478		
2,500.00	2,397.37	2,261.37	2,261.37	13.46	38.51	-21.67	2,175.56	-7,162.00	6,946.86	6,898.69	48.17	144.214		
2,600.00	2,488.89	2,352.89	2,352.89	14.26	40.11	-21.79	2,175.56	-7,162.00	6,908.99	6,858.76	50.23	137.536		
2,700.00	2,580.41	2,444.41	2,444.41	15.07	41.70	-21.92	2,175.56	-7,162.00	6,871.16	6,818.86	52.30	131.377		
2,800.00	2,671.93	2,535.93	2,535.93	15.88	43.30	-22.04	2,175.56	-7,162.00	6,833.35	6,778.98	54.37	125.678		
2,900.00	2,763.45	2,627.45	2,627.45	16.69	44.90	-22.17	2,175.56	-7,162.00	6,795.58	6,739.13	56.45	120.392		
3,000.00	2,854.97	2,718.97	2,718.97	17.51	46.49	-22.29	2,175.56	-7,162.00	6,757.83	6,699.30	58.52	115.474		
3,100.00	2,946.49	2,810.49	2,810.49	18.32	48.09	-22.42	2,175.56	-7,162.00	6,720.11	6,659.51	60.60	110.889		
3,200.00	3,038.00	2,902.00	2,902.00	19.14	49.69	-22.55	2,175.56	-7,162.00	6,682.42	6,619.73	62.68	106.604		
3,300.00	3,129.52	3,006.48	2,993.52	19.96	51.51	-22.69	2,175.56	-7,162.00	6,644.76	6,579.77	65.00	102.234		
3,400.00	3,221.04	3,085.04	3,085.04	20.77	52.88	-22.82	2,175.56	-7,162.00	6,607.13	6,540.28	66.86	98.824		
3,500.00	3,312.56	3,176.56	3,176.56	21.59	54.48	-22.95	2,175.56	-7,162.00	6,569.54	6,500.59	68.95	95.283		
3,600.00	3,404.08	3,268.08	3,268.08	22.42	56.08	-23.09	2,175.56	-7,162.00	6,531.98	6,460.94	71.04	91.947		
3,700.00	3,495.60	3,359.60	3,359.60	23.24	57.68	-23.23	2,175.56	-7,162.00	6,494.45	6,421.31	73.14	88.799		
3,800.00	3,587.12	3,451.12	3,451.12	24.06	59.27	-23.37	2,175.56	-7,162.00	6,456.95	6,381.72	75.23	85.825		
3,900.00	3,678.63	3,542.63	3,542.63	24.88	60.87	-23.51	2,175.56	-7,162.00	6,419.49	6,342.15	77.33	83.009		
4,000.00	3,770.15	3,634.15	3,634.15	25.71	62.47	-23.65	2,175.56	-7,162.00	6,382.06	6,302.62	79.44	80.340		
4,100.00	3,861.67	3,725.67	3,725.67	26.53	64.07	-23.79	2,175.56	-7,162.00	6,344.67	6,263.12	81.54	77.807		
4,200.00	3,953.19	3,817.19	3,817.19	27.35	65.66	-23.94	2,175.56	-7,162.00	6,307.31	6,223.66	83.65	75.400		
4,300.00	4,044.71	3,908.71	3,908.71	28.18	67.26	-24.09	2,175.56	-7,162.00	6,269.99	6,184.23	85.76	73.109		
4,400.00	4,136.23	4,000.23	4,000.23	29.01	68.86	-24.24	2,175.56	-7,162.00	6,232.71	6,144.83	87.87	70.927		
4,500.00	4,227.75	4,108.25	4,091.75	29.83	70.74	-24.39	2,175.56	-7,162.00	6,195.46	6,105.18	90.28	68.626		
4,600.00	4,319.27	4,183.27	4,183.27	30.66	72.05	-24.54	2,175.56	-7,162.00	6,158.25	6,066.15	92.11	66.859		
4,700.00	4,410.78	4,274.78	4,274.78	31.48	73.65	-24.69	2,175.56	-7,162.00	6,121.09	6,026.86	94.23	64.960		
4,800.00	4,502.30	4,366.30	4,366.30	32.31	75.25	-24.85	2,175.56	-7,162.00	6,083.96	5,987.61	96.35	63.143		
4,900.00	4,593.82	4,457.82	4,457.82	33.14	76.84	-25.01	2,175.56	-7,162.00	6,046.87	5,948.39	98.48	61.403		
5,000.00	4,685.34	4,549.34	4,549.34	33.96	78.44	-25.17	2,175.56	-7,162.00	6,009.83	5,909.22	100.61	59.736		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,640.86	4,640.86	34.79	80.04	-25.33	2,175.56	-7,162.00	5,972.82	5,870.08	102.74	58.136		
5,200.00	4,868.38	4,732.38	4,732.38	35.62	81.64	-25.49	2,175.56	-7,162.00	5,935.86	5,830.99	104.87	56.601		
5,300.00	4,959.90	4,823.90	4,823.90	36.45	83.23	-25.66	2,175.56	-7,162.00	5,898.95	5,791.94	107.01	55.125		
5,400.00	5,051.41	4,915.41	4,915.41	37.27	84.83	-25.83	2,175.56	-7,162.00	5,862.07	5,752.92	109.15	53.707		
5,500.00	5,142.93	5,006.93	5,006.93	38.10	86.43	-26.00	2,175.56	-7,162.00	5,825.25	5,713.96	111.29	52.342		
5,600.00	5,234.45	5,101.55	5,098.45	38.93	88.08	-26.17	2,175.56	-7,162.00	5,788.47	5,674.98	113.49	51.003		
5,700.00	5,325.97	5,189.97	5,189.97	39.76	89.62	-26.34	2,175.56	-7,162.00	5,751.73	5,636.15	115.59	49.761		
5,800.00	5,417.49	5,281.49	5,281.49	40.59	91.22	-26.52	2,175.56	-7,162.00	5,715.05	5,597.31	117.74	48.540		
5,900.00	5,509.01	5,373.01	5,373.01	41.42	92.82	-26.70	2,175.56	-7,162.00	5,678.41	5,558.52	119.89	47.362		
6,000.00	5,600.53	5,464.53	5,464.53	42.25	94.41	-26.88	2,175.56	-7,162.00	5,641.83	5,519.78	122.05	46.225		
6,100.00	5,692.04	5,556.04	5,556.04	43.07	96.01	-27.06	2,175.56	-7,162.00	5,605.29	5,481.08	124.21	45.126		
6,200.00	5,783.56	5,647.56	5,647.56	43.90	97.61	-27.25	2,175.56	-7,162.00	5,568.81	5,442.43	126.38	44.065		
6,300.00	5,875.08	5,739.08	5,739.08	44.73	99.21	-27.44	2,175.56	-7,162.00	5,532.38	5,403.83	128.55	43.038		
6,400.00	5,966.60	5,830.60	5,830.60	45.56	100.80	-27.63	2,175.56	-7,162.00	5,496.00	5,365.29	130.72	42.045		
6,500.00	6,058.12	5,922.12	5,922.12	46.39	102.40	-27.82	2,175.56	-7,162.00	5,459.68	5,326.79	132.89	41.083		
6,600.00	6,149.64	6,013.64	6,013.64	47.22	104.00	-28.01	2,175.56	-7,162.00	5,423.42	5,288.35	135.07	40.152		
6,700.00	6,241.16	6,105.16	6,105.16	48.05	105.60	-28.21	2,175.56	-7,162.00	5,387.21	5,249.96	137.25	39.250		
6,800.00	6,332.68	6,203.32	6,196.68	48.88	107.31	-28.41	2,175.56	-7,162.00	5,351.06	5,211.51	139.56	38.343		
6,900.00	6,424.19	6,288.19	6,288.19	49.71	108.79	-28.62	2,175.56	-7,162.00	5,314.97	5,173.34	141.63	37.527		
7,000.00	6,514.88	6,378.88	6,378.88	50.58	110.37	-22.33	2,175.56	-7,162.00	5,276.76	5,132.95	143.81	36.693		
7,100.00	6,599.14	6,463.14	6,463.14	51.67	111.84	-14.18	2,175.56	-7,162.00	5,225.01	5,079.16	145.85	35.824		
7,200.00	6,673.85	6,537.85	6,537.85	53.01	113.15	-8.47	2,175.56	-7,162.00	5,159.43	5,011.78	147.65	34.943		
7,300.00	6,736.73	6,600.73	6,600.73	54.56	114.24	-3.27	2,175.56	-7,162.00	5,082.00	4,932.87	149.14	34.076		
7,400.00	6,785.87	6,649.87	6,649.87	56.29	115.10	3.38	2,175.56	-7,162.00	4,995.06	4,844.82	150.24	33.247		
7,500.00	6,819.79	6,683.79	6,683.79	58.13	115.69	16.02	2,175.56	-7,162.00	4,901.24	4,750.32	150.92	32.475		
7,600.00	6,837.44	6,701.44	6,701.44	60.02	116.00	52.50	2,175.56	-7,162.00	4,803.41	4,652.25	151.15	31.779		
7,700.00	6,840.00	6,704.00	6,704.00	61.90	116.05	90.00	2,175.56	-7,162.00	4,704.46	4,553.48	150.98	31.160		
7,800.00	6,840.00	6,704.00	6,704.00	63.83	116.05	90.00	2,175.56	-7,162.00	4,605.56	4,454.83	150.73	30.554		
7,900.00	6,840.00	6,704.00	6,704.00	65.81	116.05	90.00	2,175.56	-7,162.00	4,506.71	4,356.23	150.49	29.948		
8,000.00	6,840.00	6,704.00	6,704.00	67.84	116.05	90.00	2,175.56	-7,162.00	4,407.92	4,257.69	150.23	29.340		
8,100.00	6,840.00	6,704.00	6,704.00	69.91	116.05	90.00	2,175.56	-7,162.00	4,309.18	4,159.20	149.98	28.731		
8,200.00	6,840.00	6,704.00	6,704.00	72.03	116.05	90.00	2,175.56	-7,162.00	4,210.50	4,060.77	149.73	28.121		
8,300.00	6,840.00	6,704.00	6,704.00	74.18	116.05	90.00	2,175.56	-7,162.00	4,111.89	3,962.41	149.47	27.509		
8,400.00	6,840.00	6,704.00	6,704.00	76.37	116.05	90.00	2,175.56	-7,162.00	4,013.34	3,864.12	149.22	26.896		
8,500.00	6,840.00	6,704.00	6,704.00	78.59	116.05	90.00	2,175.56	-7,162.00	3,914.87	3,765.90	148.97	26.280		
8,600.00	6,840.00	6,704.00	6,704.00	80.85	116.05	90.00	2,175.56	-7,162.00	3,816.47	3,667.75	148.72	25.663		
8,700.00	6,840.00	6,704.00	6,704.00	83.13	116.05	90.00	2,175.56	-7,162.00	3,718.16	3,569.69	148.48	25.042		
8,800.00	6,840.00	6,704.00	6,704.00	85.44	116.05	90.00	2,175.56	-7,162.00	3,619.95	3,471.71	148.24	24.419		
8,900.00	6,840.00	6,704.00	6,704.00	87.77	116.05	90.00	2,175.56	-7,162.00	3,521.83	3,373.81	148.02	23.793		
9,000.00	6,840.00	6,704.00	6,704.00	90.12	116.05	90.00	2,175.56	-7,162.00	3,423.83	3,276.01	147.81	23.163		
9,100.00	6,840.00	6,704.00	6,704.00	92.50	116.05	90.00	2,175.56	-7,162.00	3,325.94	3,178.31	147.63	22.529		
9,200.00	6,840.00	6,704.00	6,704.00	94.89	116.05	90.00	2,175.56	-7,162.00	3,228.18	3,080.72	147.47	21.891		
9,300.00	6,840.00	6,704.00	6,704.00	97.30	116.05	90.00	2,175.56	-7,162.00	3,130.57	2,983.23	147.34	21.247		
9,400.00	6,840.00	6,704.00	6,704.00	99.73	116.05	90.00	2,175.56	-7,162.00	3,033.11	2,885.85	147.25	20.598		
9,500.00	6,840.00	6,704.00	6,704.00	102.17	116.05	90.00	2,175.56	-7,162.00	2,935.82	2,788.60	147.22	19.942		
9,600.00	6,840.00	6,704.00	6,704.00	104.63	116.05	90.00	2,175.56	-7,162.00	2,838.72	2,691.47	147.24	19.279		
9,700.00	6,840.00	6,704.00	6,704.00	107.10	116.05	90.00	2,175.56	-7,162.00	2,741.82	2,594.48	147.34	18.608		
9,800.00	6,840.00	6,704.00	6,704.00	109.58	116.05	90.00	2,175.56	-7,162.00	2,645.16	2,497.62	147.54	17.929		
9,900.00	6,840.00	6,704.00	6,704.00	112.07	116.05	90.00	2,175.56	-7,162.00	2,548.76	2,400.92	147.84	17.240		
10,000.00	6,840.00	6,704.00	6,704.00	114.58	116.05	90.00	2,175.56	-7,162.00	2,452.64	2,304.37	148.27	16.541		
10,100.00	6,840.00	6,704.00	6,704.00	117.09	116.05	90.00	2,175.56	-7,162.00	2,356.85	2,207.99	148.86	15.833		
10,200.00	6,840.00	6,704.00	6,704.00	119.61	116.05	90.00	2,175.56	-7,162.00	2,261.42	2,111.79	149.63	15.113		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,704.00	6,704.00	122.14	116.05	90.00	2,175.56	-7,162.00	2,166.40	2,015.78	150.62	14.383		
10,400.00	6,840.00	6,704.00	6,704.00	124.68	116.05	90.00	2,175.56	-7,162.00	2,071.86	1,920.00	151.86	13.643		
10,500.00	6,840.00	6,704.00	6,704.00	127.23	116.05	90.00	2,175.56	-7,162.00	1,977.85	1,824.46	153.39	12.895		
10,600.00	6,840.00	6,704.00	6,704.00	129.78	116.05	90.00	2,175.56	-7,162.00	1,884.45	1,729.21	155.24	12.139		
10,700.00	6,840.00	6,704.00	6,704.00	132.35	116.05	90.00	2,175.56	-7,162.00	1,791.77	1,634.29	157.48	11.377		
10,800.00	6,840.00	6,704.00	6,704.00	134.91	116.05	90.00	2,175.56	-7,162.00	1,699.92	1,539.76	160.16	10.614		
10,900.00	6,840.00	6,704.00	6,704.00	137.49	116.05	90.00	2,175.56	-7,162.00	1,609.04	1,445.71	163.33	9.852		
11,000.00	6,840.00	6,704.00	6,704.00	140.07	116.05	90.00	2,175.56	-7,162.00	1,519.31	1,352.25	167.06	9.094		
11,100.00	6,840.00	6,704.00	6,704.00	142.65	116.05	90.00	2,175.56	-7,162.00	1,430.94	1,259.51	171.43	8.347		
11,200.00	6,840.00	6,704.00	6,704.00	145.24	116.05	90.00	2,175.56	-7,162.00	1,344.20	1,167.68	176.52	7.615		
11,300.00	6,840.00	6,704.00	6,704.00	147.83	116.05	90.00	2,175.56	-7,162.00	1,259.42	1,076.99	182.43	6.904		
11,400.00	6,840.00	6,704.00	6,704.00	150.43	116.05	90.00	2,175.56	-7,162.00	1,177.05	987.78	189.27	6.219		
11,500.00	6,840.00	6,704.00	6,704.00	153.04	116.05	90.00	2,175.56	-7,162.00	1,097.60	900.47	197.13	5.568		
11,600.00	6,840.00	6,704.00	6,704.00	155.64	116.05	90.00	2,175.56	-7,162.00	1,021.77	815.66	206.10	4.958		
11,700.00	6,840.00	6,704.00	6,704.00	158.26	116.05	90.00	2,175.56	-7,162.00	950.42	734.16	216.25	4.395		
11,800.00	6,840.00	6,704.00	6,704.00	160.87	116.05	90.00	2,175.56	-7,162.00	884.63	657.09	227.54	3.888		
11,900.00	6,840.00	6,704.00	6,704.00	163.49	116.05	90.00	2,175.56	-7,162.00	825.75	585.95	239.80	3.444		
12,000.00	6,840.00	6,704.00	6,704.00	166.11	116.05	90.00	2,175.56	-7,162.00	775.34	522.72	252.61	3.069		
12,100.00	6,840.00	6,704.00	6,704.00	168.74	116.05	90.00	2,175.56	-7,162.00	735.14	469.85	265.29	2.771		
12,200.00	6,840.00	6,704.00	6,704.00	171.37	116.05	90.00	2,175.56	-7,162.00	706.90	430.07	276.84	2.554		
12,300.00	6,840.00	6,704.00	6,704.00	174.00	116.05	90.00	2,175.56	-7,162.00	692.10	405.96	286.14	2.419		
12,353.58	6,840.00	6,704.00	6,704.00	175.41	116.05	90.00	2,175.56	-7,162.00	690.02	400.17	289.86	2.381	CC	
12,400.00	6,840.00	6,704.00	6,704.00	176.63	116.05	90.00	2,175.56	-7,162.00	691.58	399.31	292.27	2.366	ES, SF	
12,500.00	6,840.00	6,704.00	6,704.00	179.27	116.05	90.00	2,175.56	-7,162.00	705.39	410.55	294.83	2.393		
12,600.00	6,840.00	6,704.00	6,704.00	181.91	116.05	90.00	2,175.56	-7,162.00	732.70	438.64	294.06	2.492		
12,700.00	6,840.00	6,704.00	6,704.00	184.55	116.05	90.00	2,175.56	-7,162.00	772.10	481.43	290.67	2.656		
12,800.00	6,840.00	6,704.00	6,704.00	187.19	116.05	90.00	2,175.56	-7,162.00	821.84	536.31	285.53	2.878		
12,900.00	6,840.00	6,704.00	6,704.00	189.84	116.05	90.00	2,175.56	-7,162.00	880.17	600.73	279.44	3.150		
13,000.00	6,840.00	6,704.00	6,704.00	192.48	116.05	90.00	2,175.56	-7,162.00	945.51	672.52	273.00	3.463		
13,100.00	6,840.00	6,704.00	6,704.00	195.13	116.05	90.00	2,175.56	-7,162.00	1,016.50	749.91	266.59	3.813		
13,200.00	6,840.00	6,704.00	6,704.00	197.79	116.05	90.00	2,175.56	-7,162.00	1,092.04	831.58	260.47	4.193		
13,300.00	6,840.00	6,704.00	6,704.00	200.44	116.05	90.00	2,175.56	-7,162.00	1,171.26	916.52	254.74	4.598		
13,400.00	6,840.00	6,704.00	6,704.00	203.10	116.05	90.00	2,175.56	-7,162.00	1,253.45	1,004.00	249.45	5.025		
13,500.00	6,840.00	6,704.00	6,704.00	205.75	116.05	90.00	2,175.56	-7,162.00	1,338.06	1,093.45	244.61	5.470		
13,600.00	6,840.00	6,704.00	6,704.00	208.41	116.05	90.00	2,175.56	-7,162.00	1,424.68	1,184.48	240.20	5.931		
13,700.00	6,840.00	6,704.00	6,704.00	211.07	116.05	90.00	2,175.56	-7,162.00	1,512.94	1,276.76	236.18	6.406		
13,800.00	6,840.00	6,704.00	6,704.00	213.74	116.05	90.00	2,175.56	-7,162.00	1,602.58	1,370.05	232.53	6.892		
13,900.00	6,840.00	6,704.00	6,704.00	216.40	116.05	90.00	2,175.56	-7,162.00	1,693.39	1,464.18	229.21	7.388		
14,000.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,175.56	-7,162.00	1,785.17	1,559.00	226.18	7.893		
14,100.00	6,840.00	6,704.00	6,704.00	221.73	116.05	90.00	2,175.56	-7,162.00	1,877.80	1,654.39	223.41	8.405		
14,200.00	6,840.00	6,704.00	6,704.00	224.40	116.05	90.00	2,175.56	-7,162.00	1,971.14	1,750.27	220.88	8.924		
14,300.00	6,840.00	6,704.00	6,704.00	227.07	116.05	90.00	2,175.56	-7,162.00	2,065.11	1,846.56	218.56	9.449		
14,400.00	6,840.00	6,704.00	6,704.00	229.74	116.05	90.00	2,175.56	-7,162.00	2,159.62	1,943.20	216.42	9.979		
14,500.00	6,840.00	6,704.00	6,704.00	232.41	116.05	90.00	2,175.56	-7,162.00	2,254.61	2,040.15	214.46	10.513		
14,600.00	6,840.00	6,704.00	6,704.00	235.08	116.05	90.00	2,175.56	-7,162.00	2,350.01	2,137.36	212.65	11.051		
14,700.00	6,840.00	6,704.00	6,704.00	237.75	116.05	90.00	2,175.56	-7,162.00	2,445.78	2,234.81	210.97	11.593		
14,800.00	6,840.00	6,704.00	6,704.00	240.43	116.05	90.00	2,175.56	-7,162.00	2,541.87	2,332.46	209.42	12.138		
14,900.00	6,840.00	6,704.00	6,704.00	243.10	116.05	90.00	2,175.56	-7,162.00	2,638.26	2,430.29	207.97	12.686		
15,000.00	6,840.00	6,704.00	6,704.00	245.78	116.05	90.00	2,175.56	-7,162.00	2,734.90	2,528.27	206.63	13.236		
15,100.00	6,840.00	6,704.00	6,704.00	248.46	116.05	90.00	2,175.56	-7,162.00	2,831.78	2,626.40	205.38	13.788		
15,200.00	6,840.00	6,704.00	6,704.00	251.14	116.05	90.00	2,175.56	-7,162.00	2,928.87	2,724.66	204.21	14.342		
15,300.00	6,840.00	6,704.00	6,704.00	253.82	116.05	90.00	2,175.56	-7,162.00	3,026.14	2,823.03	203.12	14.899		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,704.00	6,704.00	256.50	116.05	90.00	2,175.56	-7,162.00	3,123.59	2,921.50	202.09	15.456		
15,500.00	6,840.00	6,704.00	6,704.00	259.18	116.05	90.00	2,175.56	-7,162.00	3,221.20	3,020.07	201.13	16.015		
15,600.00	6,840.00	6,704.00	6,704.00	261.86	116.05	90.00	2,175.56	-7,162.00	3,318.95	3,118.72	200.23	16.576		
15,700.00	6,840.00	6,704.00	6,704.00	264.54	116.05	90.00	2,175.56	-7,162.00	3,416.82	3,217.44	199.38	17.137		
15,800.00	6,840.00	6,704.00	6,704.00	267.23	116.05	90.00	2,175.56	-7,162.00	3,514.82	3,316.24	198.58	17.700		
15,900.00	6,840.00	6,704.00	6,704.00	269.91	116.05	90.00	2,175.56	-7,162.00	3,612.93	3,415.10	197.83	18.263		
16,000.00	6,840.00	6,704.00	6,704.00	272.59	116.05	90.00	2,175.56	-7,162.00	3,711.14	3,514.02	197.11	18.827		
16,100.00	6,840.00	6,704.00	6,704.00	275.28	116.05	90.00	2,175.56	-7,162.00	3,809.44	3,613.00	196.44	19.392		
16,200.00	6,840.00	6,704.00	6,704.00	277.97	116.05	90.00	2,175.56	-7,162.00	3,907.83	3,712.02	195.80	19.958		
16,300.00	6,840.00	6,704.00	6,704.00	280.65	116.05	90.00	2,175.56	-7,162.00	4,006.29	3,811.09	195.20	20.524		
16,400.00	6,840.00	6,704.00	6,704.00	283.34	116.05	90.00	2,175.56	-7,162.00	4,104.84	3,910.21	194.63	21.091		
16,500.00	6,840.00	6,704.00	6,704.00	286.03	116.05	90.00	2,175.56	-7,162.00	4,203.45	4,009.36	194.09	21.658		
16,600.00	6,840.00	6,704.00	6,704.00	288.72	116.05	90.00	2,175.56	-7,162.00	4,302.12	4,108.55	193.57	22.225		
16,700.00	6,840.00	6,704.00	6,704.00	291.41	116.05	90.00	2,175.56	-7,162.00	4,400.86	4,207.77	193.08	22.793		
16,800.00	6,840.00	6,704.00	6,704.00	294.10	116.05	90.00	2,175.56	-7,162.00	4,499.65	4,307.03	192.62	23.361		
16,900.00	6,840.00	6,704.00	6,704.00	296.79	116.05	90.00	2,175.56	-7,162.00	4,598.49	4,406.32	192.17	23.929		
17,000.00	6,840.00	6,704.00	6,704.00	299.48	116.05	90.00	2,175.56	-7,162.00	4,697.38	4,505.63	191.75	24.497		
17,100.00	6,840.00	6,704.00	6,704.00	302.17	116.05	90.00	2,175.56	-7,162.00	4,796.32	4,604.97	191.35	25.066		
17,200.00	6,840.00	6,704.00	6,704.00	304.86	116.05	90.00	2,175.56	-7,162.00	4,895.30	4,704.34	190.96	25.635		
17,300.00	6,840.00	6,704.00	6,704.00	307.56	116.05	90.00	2,175.56	-7,162.00	4,994.32	4,803.72	190.60	26.204		
17,400.00	6,840.00	6,704.00	6,704.00	310.25	116.05	90.00	2,175.56	-7,162.00	5,093.38	4,903.13	190.25	26.772		
17,500.00	6,840.00	6,704.00	6,704.00	312.94	116.05	90.00	2,175.56	-7,162.00	5,192.48	5,002.56	189.91	27.341		
17,600.00	6,840.00	6,704.00	6,704.00	315.64	116.05	90.00	2,175.56	-7,162.00	5,291.61	5,102.01	189.59	27.910		
17,700.00	6,840.00	6,704.00	6,704.00	318.33	116.05	90.00	2,175.56	-7,162.00	5,390.77	5,201.48	189.29	28.479		
17,800.00	6,840.00	6,704.00	6,704.00	321.03	116.05	90.00	2,175.56	-7,162.00	5,489.96	5,300.96	189.00	29.048		
17,900.00	6,840.00	6,704.00	6,704.00	323.72	116.05	90.00	2,175.56	-7,162.00	5,589.18	5,400.46	188.72	29.616		
18,000.00	6,840.00	6,704.00	6,704.00	326.42	116.05	90.00	2,175.56	-7,162.00	5,688.43	5,499.98	188.45	30.185		
18,100.00	6,840.00	6,704.00	6,704.00	329.11	116.05	90.00	2,175.56	-7,162.00	5,787.70	5,599.51	188.20	30.753		
18,200.00	6,840.00	6,704.00	6,704.00	331.81	116.05	90.00	2,175.56	-7,162.00	5,887.00	5,699.05	187.95	31.322		
18,300.00	6,840.00	6,704.00	6,704.00	334.51	116.05	90.00	2,175.56	-7,162.00	5,986.33	5,798.61	187.72	31.890		
18,400.00	6,840.00	6,704.00	6,704.00	337.20	116.05	90.00	2,175.56	-7,162.00	6,085.67	5,898.18	187.49	32.458		
18,500.00	6,840.00	6,704.00	6,704.00	339.90	116.05	90.00	2,175.56	-7,162.00	6,185.03	5,997.76	187.28	33.026		
18,600.00	6,840.00	6,704.00	6,704.00	342.60	116.05	90.00	2,175.56	-7,162.00	6,284.42	6,097.35	187.07	33.594		
18,700.00	6,840.00	6,704.00	6,704.00	345.30	116.05	90.00	2,175.56	-7,162.00	6,383.83	6,196.95	186.87	34.161		
18,800.00	6,840.00	6,704.00	6,704.00	348.00	116.05	90.00	2,175.56	-7,162.00	6,483.25	6,296.56	186.69	34.728		
18,900.00	6,840.00	6,704.00	6,704.00	350.70	116.05	90.00	2,175.56	-7,162.00	6,582.69	6,396.19	186.50	35.295		
19,000.00	6,840.00	6,704.00	6,704.00	353.39	116.05	90.00	2,175.56	-7,162.00	6,682.15	6,495.82	186.33	35.862		
19,100.00	6,840.00	6,704.00	6,704.00	356.09	116.05	90.00	2,175.56	-7,162.00	6,781.62	6,595.46	186.16	36.428		
19,200.00	6,840.00	6,704.00	6,704.00	358.79	116.05	90.00	2,175.56	-7,162.00	6,881.11	6,695.11	186.00	36.995		
19,300.00	6,840.00	6,704.00	6,704.00	361.49	116.05	90.00	2,175.56	-7,162.00	6,980.61	6,794.76	185.85	37.560		
19,400.00	6,840.00	6,704.00	6,704.00	364.20	116.05	90.00	2,175.56	-7,162.00	7,080.13	6,894.43	185.70	38.126		
19,500.00	6,840.00	6,704.00	6,704.00	366.90	116.05	90.00	2,175.56	-7,162.00	7,179.66	6,994.10	185.56	38.691		
19,600.00	6,840.00	6,704.00	6,704.00	369.60	116.05	90.00	2,175.56	-7,162.00	7,279.20	7,093.78	185.43	39.256		
19,700.00	6,840.00	6,704.00	6,704.00	372.30	116.05	90.00	2,175.56	-7,162.00	7,378.76	7,193.46	185.30	39.821		
19,800.00	6,840.00	6,704.00	6,704.00	375.00	116.05	90.00	2,175.56	-7,162.00	7,478.33	7,293.15	185.17	40.385		
19,900.00	6,840.00	6,704.00	6,704.00	377.70	116.05	90.00	2,175.56	-7,162.00	7,577.91	7,392.85	185.06	40.949		
20,000.00	6,840.00	6,704.00	6,704.00	380.40	116.05	90.00	2,175.56	-7,162.00	7,677.50	7,492.55	184.94	41.513		
20,100.00	6,840.00	6,704.00	6,704.00	383.11	116.05	90.00	2,175.56	-7,162.00	7,777.10	7,592.26	184.83	42.076		
20,200.00	6,840.00	6,704.00	6,704.00	385.81	116.05	90.00	2,175.56	-7,162.00	7,876.71	7,691.98	184.73	42.639		
20,300.00	6,840.00	6,704.00	6,704.00	388.51	116.05	90.00	2,175.56	-7,162.00	7,976.33	7,791.70	184.63	43.202		
20,400.00	6,840.00	6,704.00	6,704.00	391.22	116.05	90.00	2,175.56	-7,162.00	8,075.96	7,891.42	184.53	43.764		
20,500.00	6,840.00	6,704.00	6,704.00	393.92	116.05	90.00	2,175.56	-7,162.00	8,175.60	7,991.15	184.44	44.326		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - SI VERT SHELTON R G 26-2 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,704.00	6,704.00	394.99	116.05	90.00	2,175.56	-7,162.00	8,215.15	8,030.74	184.41	44.549	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-68.22	2,240.74	-5,608.06	6,040.24					
100.00	100.00	0.00	0.00	0.13	0.00	-68.22	2,240.74	-5,608.06	6,039.16	6,039.03	0.13	N/A		
139.22	139.22	24.22	24.22	0.28	0.19	-68.22	2,240.74	-5,608.06	6,039.15	6,038.68	0.46	N/A		
200.00	200.00	85.00	85.00	0.49	0.66	-68.22	2,240.74	-5,608.06	6,039.15	6,037.99	1.15	5,237.448		
300.00	300.00	185.00	185.00	0.85	2.26	-68.22	2,240.74	-5,608.06	6,039.15	6,036.03	3.11	1,940.866		
400.00	400.00	285.00	285.00	1.21	4.01	-68.22	2,240.74	-5,608.06	6,039.15	6,033.93	5.22	1,157.951		
500.00	500.00	385.00	385.00	1.57	5.75	-68.22	2,240.74	-5,608.06	6,039.15	6,031.83	7.32	825.113		
600.00	599.98	484.98	484.98	1.92	7.50	-13.62	2,240.74	-5,608.06	6,037.45	6,028.03	9.42	640.947		
700.00	699.84	584.84	584.84	2.28	9.24	-13.66	2,240.74	-5,608.06	6,032.36	6,020.84	11.52	523.705		
800.00	799.45	684.45	684.45	2.65	10.98	-13.72	2,240.74	-5,608.06	6,023.89	6,010.28	13.62	442.407		
900.00	898.70	783.70	783.70	3.02	12.71	-13.80	2,240.74	-5,608.06	6,012.05	5,996.34	15.71	382.692		
1,000.00	997.47	882.47	882.47	3.42	14.43	-13.91	2,240.74	-5,608.06	5,996.85	5,979.06	17.80	336.941		
1,100.00	1,095.62	980.62	980.62	3.84	16.15	-14.05	2,240.74	-5,608.06	5,978.32	5,958.44	19.88	300.739		
1,200.00	1,193.06	1,078.06	1,078.06	4.30	17.85	-14.21	2,240.74	-5,608.06	5,956.47	5,934.52	21.95	271.352		
1,300.00	1,289.64	1,174.64	1,174.64	4.79	19.53	-14.40	2,240.74	-5,608.06	5,931.34	5,907.33	24.01	247.001		
1,400.00	1,385.27	1,270.27	1,270.27	5.33	21.20	-14.62	2,240.74	-5,608.06	5,902.96	5,876.90	26.06	226.475		
1,500.00	1,479.82	1,364.82	1,364.82	5.92	22.85	-14.87	2,240.74	-5,608.06	5,871.37	5,843.27	28.10	208.922		
1,600.00	1,573.17	1,458.17	1,458.17	6.56	24.48	-15.15	2,240.74	-5,608.06	5,836.61	5,806.48	30.13	193.727		
1,700.00	1,665.22	1,550.22	1,550.22	7.26	26.09	-15.44	2,240.74	-5,608.06	5,798.74	5,766.60	32.14	180.411		
1,800.00	1,756.74	1,641.74	1,641.74	7.99	27.69	-15.55	2,240.74	-5,608.06	5,759.67	5,725.53	34.14	168.710		
1,900.00	1,848.26	1,733.26	1,733.26	8.75	29.28	-15.65	2,240.74	-5,608.06	5,720.63	5,684.48	36.14	158.269		
2,000.00	1,939.78	1,824.78	1,824.78	9.51	30.88	-15.76	2,240.74	-5,608.06	5,681.60	5,643.44	38.16	148.901		
2,100.00	2,031.30	1,916.30	1,916.30	10.29	32.48	-15.87	2,240.74	-5,608.06	5,642.58	5,602.41	40.17	140.453		
2,200.00	2,122.82	2,007.82	2,007.82	11.07	34.07	-15.99	2,240.74	-5,608.06	5,603.59	5,561.39	42.20	132.797		
2,300.00	2,214.34	2,100.66	2,099.34	11.86	35.69	-16.10	2,240.74	-5,608.06	5,564.61	5,520.37	44.25	125.764		
2,400.00	2,305.85	2,209.15	2,190.85	12.66	37.59	-16.21	2,240.74	-5,608.06	5,525.65	5,479.08	46.57	118.644		
2,500.00	2,397.37	2,282.37	2,282.37	13.46	38.87	-16.33	2,240.74	-5,608.06	5,486.72	5,438.43	48.29	113.623		
2,600.00	2,488.89	2,373.89	2,373.89	14.26	40.46	-16.45	2,240.74	-5,608.06	5,447.80	5,397.47	50.33	108.250		
2,700.00	2,580.41	2,465.41	2,465.41	15.07	42.06	-16.57	2,240.74	-5,608.06	5,408.90	5,356.54	52.37	103.288		
2,800.00	2,671.93	2,556.93	2,556.93	15.88	43.66	-16.69	2,240.74	-5,608.06	5,370.03	5,315.61	54.41	98.694		
2,900.00	2,763.45	2,648.45	2,648.45	16.69	45.26	-16.82	2,240.74	-5,608.06	5,331.17	5,274.71	56.46	94.428		
3,000.00	2,854.97	2,739.97	2,739.97	17.51	46.85	-16.94	2,240.74	-5,608.06	5,292.34	5,233.83	58.51	90.458		
3,100.00	2,946.49	2,831.49	2,831.49	18.32	48.45	-17.07	2,240.74	-5,608.06	5,253.52	5,192.97	60.56	86.752		
3,200.00	3,038.00	2,923.00	2,923.00	19.14	50.05	-17.20	2,240.74	-5,608.06	5,214.74	5,152.12	62.61	83.287		
3,300.00	3,129.52	3,014.52	3,014.52	19.96	51.64	-17.33	2,240.74	-5,608.06	5,175.97	5,111.30	64.67	80.039		
3,400.00	3,221.04	3,106.04	3,106.04	20.77	53.24	-17.46	2,240.74	-5,608.06	5,137.23	5,070.50	66.73	76.989		
3,500.00	3,312.56	3,202.44	3,197.56	21.59	54.92	-17.60	2,240.74	-5,608.06	5,098.51	5,029.64	68.87	74.028		
3,600.00	3,404.08	3,289.08	3,289.08	22.42	56.44	-17.73	2,240.74	-5,608.06	5,059.82	4,988.97	70.85	71.415		
3,700.00	3,495.60	3,380.60	3,380.60	23.24	58.03	-17.87	2,240.74	-5,608.06	5,021.15	4,948.23	72.92	68.862		
3,800.00	3,587.12	3,472.12	3,472.12	24.06	59.63	-18.01	2,240.74	-5,608.06	4,982.51	4,907.52	74.98	66.447		
3,900.00	3,678.63	3,563.63	3,563.63	24.88	61.23	-18.16	2,240.74	-5,608.06	4,943.89	4,866.84	77.05	64.161		
4,000.00	3,770.15	3,655.15	3,655.15	25.71	62.83	-18.30	2,240.74	-5,608.06	4,905.30	4,826.18	79.13	61.993		
4,100.00	3,861.67	3,746.67	3,746.67	26.53	64.42	-18.45	2,240.74	-5,608.06	4,866.74	4,785.54	81.20	59.935		
4,200.00	3,953.19	3,838.19	3,838.19	27.35	66.02	-18.60	2,240.74	-5,608.06	4,828.21	4,744.93	83.28	57.977		
4,300.00	4,044.71	3,929.71	3,929.71	28.18	67.62	-18.75	2,240.74	-5,608.06	4,789.71	4,704.35	85.36	56.114		
4,400.00	4,136.23	4,021.23	4,021.23	29.01	69.22	-18.91	2,240.74	-5,608.06	4,751.23	4,663.80	87.44	54.338		
4,500.00	4,227.75	4,112.75	4,112.75	29.83	70.81	-19.06	2,240.74	-5,608.06	4,712.79	4,623.27	89.52	52.644		
4,600.00	4,319.27	4,204.27	4,204.27	30.66	72.41	-19.22	2,240.74	-5,608.06	4,674.38	4,582.77	91.61	51.026		
4,700.00	4,410.78	4,304.22	4,295.78	31.48	74.15	-19.39	2,240.74	-5,608.06	4,636.00	4,542.16	93.84	49.401		
4,800.00	4,502.30	4,387.30	4,387.30	32.31	75.60	-19.55	2,240.74	-5,608.06	4,597.66	4,501.87	95.79	47.998		
4,900.00	4,593.82	4,478.82	4,478.82	33.14	77.20	-19.72	2,240.74	-5,608.06	4,559.34	4,461.46	97.88	46.580		
5,000.00	4,685.34	4,570.34	4,570.34	33.96	78.80	-19.89	2,240.74	-5,608.06	4,521.07	4,421.09	99.98	45.220		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,661.86	4,661.86	34.79	80.40	-20.06	2,240.74	-5,608.06	4,482.82	4,380.74	102.08	43.915		
5,200.00	4,868.38	4,753.38	4,753.38	35.62	81.99	-20.24	2,240.74	-5,608.06	4,444.62	4,340.44	104.18	42.663		
5,300.00	4,959.90	4,844.90	4,844.90	36.45	83.59	-20.42	2,240.74	-5,608.06	4,406.45	4,300.16	106.29	41.458		
5,400.00	5,051.41	4,936.41	4,936.41	37.27	85.19	-20.60	2,240.74	-5,608.06	4,368.32	4,259.92	108.39	40.300		
5,500.00	5,142.93	5,027.93	5,027.93	38.10	86.79	-20.79	2,240.74	-5,608.06	4,330.23	4,219.72	110.50	39.186		
5,600.00	5,234.45	5,119.45	5,119.45	38.93	88.38	-20.98	2,240.74	-5,608.06	4,292.18	4,179.56	112.62	38.112		
5,700.00	5,325.97	5,210.97	5,210.97	39.76	89.98	-21.17	2,240.74	-5,608.06	4,254.17	4,139.43	114.74	37.078		
5,800.00	5,417.49	5,302.49	5,302.49	40.59	91.58	-21.37	2,240.74	-5,608.06	4,216.20	4,099.35	116.86	36.080		
5,900.00	5,509.01	5,405.99	5,394.01	41.42	93.38	-21.56	2,240.74	-5,608.06	4,178.28	4,059.09	119.19	35.056		
6,000.00	5,600.53	5,485.53	5,485.53	42.25	94.77	-21.77	2,240.74	-5,608.06	4,140.40	4,019.29	121.11	34.188		
6,100.00	5,692.04	5,577.04	5,577.04	43.07	96.37	-21.97	2,240.74	-5,608.06	4,102.57	3,979.33	123.24	33.289		
6,200.00	5,783.56	5,668.56	5,668.56	43.90	97.97	-22.18	2,240.74	-5,608.06	4,064.79	3,939.41	125.37	32.421		
6,300.00	5,875.08	5,760.08	5,760.08	44.73	99.56	-22.40	2,240.74	-5,608.06	4,027.05	3,899.54	127.51	31.582		
6,400.00	5,966.60	5,851.60	5,851.60	45.56	101.16	-22.62	2,240.74	-5,608.06	3,989.37	3,859.71	129.66	30.769		
6,500.00	6,058.12	5,943.12	5,943.12	46.39	102.76	-22.84	2,240.74	-5,608.06	3,951.73	3,819.93	131.80	29.982		
6,600.00	6,149.64	6,034.64	6,034.64	47.22	104.36	-23.06	2,240.74	-5,608.06	3,914.16	3,780.20	133.95	29.220		
6,700.00	6,241.16	6,126.16	6,126.16	48.05	105.95	-23.29	2,240.74	-5,608.06	3,876.63	3,740.52	136.11	28.482		
6,800.00	6,332.68	6,217.68	6,217.68	48.88	107.55	-23.53	2,240.74	-5,608.06	3,839.16	3,700.89	138.27	27.766		
6,900.00	6,424.19	6,309.19	6,309.19	49.71	109.15	-23.77	2,240.74	-5,608.06	3,801.75	3,661.32	140.43	27.072		
7,000.00	6,514.88	6,400.12	6,399.88	50.58	110.73	-17.30	2,240.74	-5,608.06	3,762.26	3,619.67	142.59	26.385		
7,100.00	6,599.14	6,484.14	6,484.14	51.67	112.20	-8.56	2,240.74	-5,608.06	3,709.56	3,564.98	144.58	25.657		
7,200.00	6,673.85	6,558.85	6,558.85	53.01	113.50	-1.87	2,240.74	-5,608.06	3,643.42	3,497.11	146.32	24.901		
7,300.00	6,736.73	6,621.73	6,621.73	54.56	114.60	5.01	2,240.74	-5,608.06	3,565.84	3,418.13	147.72	24.140		
7,400.00	6,785.87	6,670.87	6,670.87	56.29	115.46	14.58	2,240.74	-5,608.06	3,479.17	3,330.46	148.71	23.395		
7,500.00	6,819.79	6,704.79	6,704.79	58.13	116.05	31.99	2,240.74	-5,608.06	3,386.09	3,236.81	149.28	22.684		
7,600.00	6,837.44	6,722.44	6,722.44	60.02	116.36	66.46	2,240.74	-5,608.06	3,289.48	3,140.10	149.38	22.021		
7,700.00	6,840.00	6,725.00	6,725.00	61.90	116.40	90.00	2,240.74	-5,608.06	3,192.22	3,043.13	149.08	21.413		
7,800.00	6,840.00	6,725.00	6,725.00	63.83	116.40	90.00	2,240.74	-5,608.06	3,095.20	2,946.48	148.72	20.812		
7,900.00	6,840.00	6,725.00	6,725.00	65.81	116.40	90.00	2,240.74	-5,608.06	2,998.38	2,850.01	148.37	20.209		
8,000.00	6,840.00	6,725.00	6,725.00	67.84	116.40	90.00	2,240.74	-5,608.06	2,901.77	2,753.74	148.03	19.602		
8,100.00	6,840.00	6,725.00	6,725.00	69.91	116.40	90.00	2,240.74	-5,608.06	2,805.40	2,657.69	147.72	18.992		
8,200.00	6,840.00	6,725.00	6,725.00	72.03	116.40	90.00	2,240.74	-5,608.06	2,709.30	2,561.87	147.43	18.377		
8,300.00	6,840.00	6,725.00	6,725.00	74.18	116.40	90.00	2,240.74	-5,608.06	2,613.49	2,466.30	147.19	17.756		
8,400.00	6,840.00	6,725.00	6,725.00	76.37	116.40	90.00	2,240.74	-5,608.06	2,518.00	2,370.99	147.01	17.128		
8,500.00	6,840.00	6,725.00	6,725.00	78.59	116.40	90.00	2,240.74	-5,608.06	2,422.88	2,275.98	146.90	16.494		
8,600.00	6,840.00	6,725.00	6,725.00	80.85	116.40	90.00	2,240.74	-5,608.06	2,328.17	2,181.28	146.89	15.850		
8,700.00	6,840.00	6,725.00	6,725.00	83.13	116.40	90.00	2,240.74	-5,608.06	2,233.91	2,086.92	147.00	15.197		
8,800.00	6,840.00	6,725.00	6,725.00	85.44	116.40	90.00	2,240.74	-5,608.06	2,140.18	1,992.92	147.26	14.533		
8,900.00	6,840.00	6,725.00	6,725.00	87.77	116.40	90.00	2,240.74	-5,608.06	2,047.04	1,899.32	147.72	13.857		
9,000.00	6,840.00	6,725.00	6,725.00	90.12	116.40	90.00	2,240.74	-5,608.06	1,954.59	1,806.17	148.42	13.170		
9,100.00	6,840.00	6,725.00	6,725.00	92.50	116.40	90.00	2,240.74	-5,608.06	1,862.91	1,713.51	149.39	12.470		
9,200.00	6,840.00	6,725.00	6,725.00	94.89	116.40	90.00	2,240.74	-5,608.06	1,772.13	1,621.42	150.71	11.759		
9,300.00	6,840.00	6,725.00	6,725.00	97.30	116.40	90.00	2,240.74	-5,608.06	1,682.39	1,529.97	152.42	11.038		
9,400.00	6,840.00	6,725.00	6,725.00	99.73	116.40	90.00	2,240.74	-5,608.06	1,593.88	1,439.29	154.59	10.310		
9,500.00	6,840.00	6,725.00	6,725.00	102.17	116.40	90.00	2,240.74	-5,608.06	1,506.81	1,349.52	157.29	9.580		
9,600.00	6,840.00	6,725.00	6,725.00	104.63	116.40	90.00	2,240.74	-5,608.06	1,421.44	1,260.85	160.58	8.852		
9,700.00	6,840.00	6,725.00	6,725.00	107.10	116.40	90.00	2,240.74	-5,608.06	1,338.09	1,173.55	164.54	8.132		
9,800.00	6,840.00	6,725.00	6,725.00	109.58	116.40	90.00	2,240.74	-5,608.06	1,257.18	1,087.94	169.24	7.428		
9,900.00	6,840.00	6,725.00	6,725.00	112.07	116.40	90.00	2,240.74	-5,608.06	1,179.20	1,004.46	174.74	6.748		
10,000.00	6,840.00	6,725.00	6,725.00	114.58	116.40	90.00	2,240.74	-5,608.06	1,104.78	923.66	181.12	6.100		
10,100.00	6,840.00	6,725.00	6,725.00	117.09	116.40	90.00	2,240.74	-5,608.06	1,034.67	846.28	188.39	5.492		
10,200.00	6,840.00	6,725.00	6,725.00	119.61	116.40	90.00	2,240.74	-5,608.06	969.82	773.27	196.55	4.934		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,725.00	6,725.00	122.14	116.40	90.00	2,240.74	-5,608.06	911.36	705.85	205.51	4.435		
10,400.00	6,840.00	6,725.00	6,725.00	124.68	116.40	90.00	2,240.74	-5,608.06	860.57	645.53	215.04	4.002		
10,500.00	6,840.00	6,725.00	6,725.00	127.23	116.40	90.00	2,240.74	-5,608.06	818.90	594.13	224.77	3.643		
10,600.00	6,840.00	6,725.00	6,725.00	129.78	116.40	90.00	2,240.74	-5,608.06	787.79	553.65	234.14	3.365		
10,700.00	6,840.00	6,725.00	6,725.00	132.35	116.40	90.00	2,240.74	-5,608.06	768.52	526.03	242.49	3.169		
10,799.94	6,840.00	6,725.00	6,725.00	134.91	116.40	90.00	2,240.74	-5,608.06	761.99	512.83	249.16	3.058	CC	
10,800.00	6,840.00	6,725.00	6,725.00	134.91	116.40	90.00	2,240.74	-5,608.06	761.99	512.82	249.17	3.058	ES	
10,900.00	6,840.00	6,725.00	6,725.00	137.49	116.40	90.00	2,240.74	-5,608.06	768.53	514.80	253.73	3.029	SF	
11,000.00	6,840.00	6,725.00	6,725.00	140.07	116.40	90.00	2,240.74	-5,608.06	787.82	531.77	256.04	3.077		
11,100.00	6,840.00	6,725.00	6,725.00	142.65	116.40	90.00	2,240.74	-5,608.06	818.94	562.65	256.30	3.195		
11,200.00	6,840.00	6,725.00	6,725.00	145.24	116.40	90.00	2,240.74	-5,608.06	860.63	605.73	254.90	3.376		
11,300.00	6,840.00	6,725.00	6,725.00	147.83	116.40	90.00	2,240.74	-5,608.06	911.43	659.09	252.34	3.612		
11,400.00	6,840.00	6,725.00	6,725.00	150.43	116.40	90.00	2,240.74	-5,608.06	969.90	720.85	249.05	3.894		
11,500.00	6,840.00	6,725.00	6,725.00	153.04	116.40	90.00	2,240.74	-5,608.06	1,034.76	789.36	245.39	4.217		
11,600.00	6,840.00	6,725.00	6,725.00	155.64	116.40	90.00	2,240.74	-5,608.06	1,104.87	863.26	241.61	4.573		
11,700.00	6,840.00	6,725.00	6,725.00	158.26	116.40	90.00	2,240.74	-5,608.06	1,179.30	941.43	237.87	4.958		
11,800.00	6,840.00	6,725.00	6,725.00	160.87	116.40	90.00	2,240.74	-5,608.06	1,257.28	1,023.00	234.28	5.367		
11,900.00	6,840.00	6,725.00	6,725.00	163.49	116.40	90.00	2,240.74	-5,608.06	1,338.20	1,107.31	230.88	5.796		
12,000.00	6,840.00	6,725.00	6,725.00	166.11	116.40	90.00	2,240.74	-5,608.06	1,421.54	1,193.84	227.71	6.243		
12,100.00	6,840.00	6,725.00	6,725.00	168.74	116.40	90.00	2,240.74	-5,608.06	1,506.92	1,282.16	224.76	6.705		
12,200.00	6,840.00	6,725.00	6,725.00	171.37	116.40	90.00	2,240.74	-5,608.06	1,593.99	1,371.96	222.04	7.179		
12,300.00	6,840.00	6,725.00	6,725.00	174.00	116.40	90.00	2,240.74	-5,608.06	1,682.50	1,462.98	219.52	7.664		
12,400.00	6,840.00	6,725.00	6,725.00	176.63	116.40	90.00	2,240.74	-5,608.06	1,772.24	1,555.03	217.21	8.159		
12,500.00	6,840.00	6,725.00	6,725.00	179.27	116.40	90.00	2,240.74	-5,608.06	1,863.02	1,647.95	215.07	8.662		
12,600.00	6,840.00	6,725.00	6,725.00	181.91	116.40	90.00	2,240.74	-5,608.06	1,954.70	1,741.60	213.10	9.173		
12,700.00	6,840.00	6,725.00	6,725.00	184.55	116.40	90.00	2,240.74	-5,608.06	2,047.16	1,835.88	211.29	9.689		
12,800.00	6,840.00	6,725.00	6,725.00	187.19	116.40	90.00	2,240.74	-5,608.06	2,140.30	1,930.69	209.61	10.211		
12,900.00	6,840.00	6,725.00	6,725.00	189.84	116.40	90.00	2,240.74	-5,608.06	2,234.03	2,025.98	208.05	10.738		
13,000.00	6,840.00	6,725.00	6,725.00	192.48	116.40	90.00	2,240.74	-5,608.06	2,328.29	2,121.68	206.61	11.269		
13,100.00	6,840.00	6,725.00	6,725.00	195.13	116.40	90.00	2,240.74	-5,608.06	2,423.00	2,217.73	205.27	11.804		
13,200.00	6,840.00	6,725.00	6,725.00	197.79	116.40	90.00	2,240.74	-5,608.06	2,518.12	2,314.09	204.03	12.342		
13,300.00	6,840.00	6,725.00	6,725.00	200.44	116.40	90.00	2,240.74	-5,608.06	2,613.61	2,410.74	202.87	12.883		
13,400.00	6,840.00	6,725.00	6,725.00	203.10	116.40	90.00	2,240.74	-5,608.06	2,709.42	2,507.63	201.79	13.427		
13,500.00	6,840.00	6,725.00	6,725.00	205.75	116.40	90.00	2,240.74	-5,608.06	2,805.53	2,604.75	200.78	13.973		
13,600.00	6,840.00	6,725.00	6,725.00	208.41	116.40	90.00	2,240.74	-5,608.06	2,901.89	2,702.06	199.83	14.522		
13,700.00	6,840.00	6,725.00	6,725.00	211.07	116.40	90.00	2,240.74	-5,608.06	2,998.50	2,799.55	198.94	15.072		
13,800.00	6,840.00	6,725.00	6,725.00	213.74	116.40	90.00	2,240.74	-5,608.06	3,095.32	2,897.21	198.11	15.624		
13,900.00	6,840.00	6,725.00	6,725.00	216.40	116.40	90.00	2,240.74	-5,608.06	3,192.34	2,995.01	197.33	16.177		
14,000.00	6,840.00	6,725.00	6,725.00	219.06	116.40	90.00	2,240.74	-5,608.06	3,289.53	3,092.94	196.60	16.732		
14,100.00	6,840.00	6,725.00	6,725.00	221.73	116.40	90.00	2,240.74	-5,608.06	3,386.89	3,190.99	195.90	17.288		
14,200.00	6,840.00	6,725.00	6,725.00	224.40	116.40	90.00	2,240.74	-5,608.06	3,484.40	3,289.15	195.25	17.846		
14,300.00	6,840.00	6,725.00	6,725.00	227.07	116.40	90.00	2,240.74	-5,608.06	3,582.05	3,387.41	194.63	18.404		
14,400.00	6,840.00	6,725.00	6,725.00	229.74	116.40	90.00	2,240.74	-5,608.06	3,679.82	3,485.77	194.05	18.963		
14,500.00	6,840.00	6,725.00	6,725.00	232.41	116.40	90.00	2,240.74	-5,608.06	3,777.71	3,584.21	193.50	19.523		
14,600.00	6,840.00	6,725.00	6,725.00	235.08	116.40	90.00	2,240.74	-5,608.06	3,875.71	3,682.73	192.98	20.084		
14,700.00	6,840.00	6,725.00	6,725.00	237.75	116.40	90.00	2,240.74	-5,608.06	3,973.81	3,781.32	192.48	20.645		
14,800.00	6,840.00	6,725.00	6,725.00	240.43	116.40	90.00	2,240.74	-5,608.06	4,071.99	3,879.98	192.01	21.207		
14,900.00	6,840.00	6,725.00	6,725.00	243.10	116.40	90.00	2,240.74	-5,608.06	4,170.27	3,978.70	191.57	21.769		
15,000.00	6,840.00	6,725.00	6,725.00	245.78	116.40	90.00	2,240.74	-5,608.06	4,268.63	4,077.48	191.14	22.332		
15,100.00	6,840.00	6,725.00	6,725.00	248.46	116.40	90.00	2,240.74	-5,608.06	4,367.06	4,176.31	190.74	22.895		
15,200.00	6,840.00	6,725.00	6,725.00	251.14	116.40	90.00	2,240.74	-5,608.06	4,465.56	4,275.20	190.36	23.459		
15,300.00	6,840.00	6,725.00	6,725.00	253.82	116.40	90.00	2,240.74	-5,608.06	4,564.12	4,374.13	189.99	24.023		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,725.00	6,725.00	256.50	116.40	90.00	2,240.74	-5,608.06	4,662.75	4,473.10	189.65	24.587		
15,500.00	6,840.00	6,725.00	6,725.00	259.18	116.40	90.00	2,240.74	-5,608.06	4,761.43	4,572.12	189.31	25.151		
15,600.00	6,840.00	6,725.00	6,725.00	261.86	116.40	90.00	2,240.74	-5,608.06	4,860.17	4,671.17	189.00	25.715		
15,700.00	6,840.00	6,725.00	6,725.00	264.54	116.40	90.00	2,240.74	-5,608.06	4,958.96	4,770.26	188.70	26.280		
15,800.00	6,840.00	6,725.00	6,725.00	267.23	116.40	90.00	2,240.74	-5,608.06	5,057.79	4,869.38	188.41	26.845		
15,900.00	6,840.00	6,725.00	6,725.00	269.91	116.40	90.00	2,240.74	-5,608.06	5,156.67	4,968.54	188.13	27.410		
16,000.00	6,840.00	6,725.00	6,725.00	272.59	116.40	90.00	2,240.74	-5,608.06	5,255.60	5,067.73	187.87	27.975		
16,100.00	6,840.00	6,725.00	6,725.00	275.28	116.40	90.00	2,240.74	-5,608.06	5,354.56	5,166.94	187.62	28.540		
16,200.00	6,840.00	6,725.00	6,725.00	277.97	116.40	90.00	2,240.74	-5,608.06	5,453.56	5,266.18	187.38	29.105		
16,300.00	6,840.00	6,725.00	6,725.00	280.65	116.40	90.00	2,240.74	-5,608.06	5,552.60	5,365.45	187.15	29.670		
16,400.00	6,840.00	6,725.00	6,725.00	283.34	116.40	90.00	2,240.74	-5,608.06	5,651.67	5,464.74	186.93	30.234		
16,500.00	6,840.00	6,725.00	6,725.00	286.03	116.40	90.00	2,240.74	-5,608.06	5,750.77	5,564.05	186.72	30.799		
16,600.00	6,840.00	6,725.00	6,725.00	288.72	116.40	90.00	2,240.74	-5,608.06	5,849.90	5,663.39	186.52	31.364		
16,700.00	6,840.00	6,725.00	6,725.00	291.41	116.40	90.00	2,240.74	-5,608.06	5,949.07	5,762.74	186.32	31.929		
16,800.00	6,840.00	6,725.00	6,725.00	294.10	116.40	90.00	2,240.74	-5,608.06	6,048.26	5,862.12	186.14	32.493		
16,900.00	6,840.00	6,725.00	6,725.00	296.79	116.40	90.00	2,240.74	-5,608.06	6,147.47	5,961.51	185.96	33.058		
17,000.00	6,840.00	6,725.00	6,725.00	299.48	116.40	90.00	2,240.74	-5,608.06	6,246.71	6,060.92	185.79	33.622		
17,100.00	6,840.00	6,725.00	6,725.00	302.17	116.40	90.00	2,240.74	-5,608.06	6,345.98	6,160.35	185.63	34.186		
17,200.00	6,840.00	6,725.00	6,725.00	304.86	116.40	90.00	2,240.74	-5,608.06	6,445.27	6,259.79	185.47	34.750		
17,300.00	6,840.00	6,725.00	6,725.00	307.56	116.40	90.00	2,240.74	-5,608.06	6,544.57	6,359.25	185.32	35.314		
17,400.00	6,840.00	6,725.00	6,725.00	310.25	116.40	90.00	2,240.74	-5,608.06	6,643.90	6,458.72	185.18	35.878		
17,500.00	6,840.00	6,725.00	6,725.00	312.94	116.40	90.00	2,240.74	-5,608.06	6,743.25	6,558.21	185.04	36.441		
17,600.00	6,840.00	6,725.00	6,725.00	315.64	116.40	90.00	2,240.74	-5,608.06	6,842.62	6,657.71	184.91	37.004		
17,700.00	6,840.00	6,725.00	6,725.00	318.33	116.40	90.00	2,240.74	-5,608.06	6,942.01	6,757.22	184.79	37.567		
17,800.00	6,840.00	6,725.00	6,725.00	321.03	116.40	90.00	2,240.74	-5,608.06	7,041.41	6,856.75	184.67	38.130		
17,900.00	6,840.00	6,725.00	6,725.00	323.72	116.40	90.00	2,240.74	-5,608.06	7,140.84	6,956.28	184.55	38.693		
18,000.00	6,840.00	6,725.00	6,725.00	326.42	116.40	90.00	2,240.74	-5,608.06	7,240.27	7,055.83	184.44	39.255		
18,100.00	6,840.00	6,725.00	6,725.00	329.11	116.40	90.00	2,240.74	-5,608.06	7,339.72	7,155.39	184.34	39.817		
18,200.00	6,840.00	6,725.00	6,725.00	331.81	116.40	90.00	2,240.74	-5,608.06	7,439.19	7,254.95	184.24	40.378		
18,300.00	6,840.00	6,725.00	6,725.00	334.51	116.40	90.00	2,240.74	-5,608.06	7,538.67	7,354.53	184.14	40.940		
18,400.00	6,840.00	6,725.00	6,725.00	337.20	116.40	90.00	2,240.74	-5,608.06	7,638.17	7,454.12	184.05	41.501		
18,500.00	6,840.00	6,725.00	6,725.00	339.90	116.40	90.00	2,240.74	-5,608.06	7,737.67	7,553.71	183.96	42.062		
18,600.00	6,840.00	6,725.00	6,725.00	342.60	116.40	90.00	2,240.74	-5,608.06	7,837.19	7,653.32	183.88	42.622		
18,700.00	6,840.00	6,725.00	6,725.00	345.30	116.40	90.00	2,240.74	-5,608.06	7,936.73	7,752.93	183.80	43.182		
18,800.00	6,840.00	6,725.00	6,725.00	348.00	116.40	90.00	2,240.74	-5,608.06	8,036.27	7,852.55	183.72	43.742		
18,900.00	6,840.00	6,725.00	6,725.00	350.70	116.40	90.00	2,240.74	-5,608.06	8,135.83	7,952.18	183.65	44.302		
19,000.00	6,840.00	6,725.00	6,725.00	353.39	116.40	90.00	2,240.74	-5,608.06	8,235.39	8,051.82	183.58	44.861		
19,100.00	6,840.00	6,725.00	6,725.00	356.09	116.40	90.00	2,240.74	-5,608.06	8,334.97	8,151.46	183.51	45.420		
19,200.00	6,840.00	6,725.00	6,725.00	358.79	116.40	90.00	2,240.74	-5,608.06	8,434.55	8,251.11	183.45	45.978		
19,300.00	6,840.00	6,725.00	6,725.00	361.49	116.40	90.00	2,240.74	-5,608.06	8,534.15	8,350.76	183.39	46.536		
19,400.00	6,840.00	6,725.00	6,725.00	364.20	116.40	90.00	2,240.74	-5,608.06	8,633.75	8,450.43	183.33	47.094		
19,500.00	6,840.00	6,725.00	6,725.00	366.90	116.40	90.00	2,240.74	-5,608.06	8,733.37	8,550.09	183.28	47.652		
19,600.00	6,840.00	6,725.00	6,725.00	369.60	116.40	90.00	2,240.74	-5,608.06	8,832.99	8,649.77	183.22	48.209		
19,700.00	6,840.00	6,725.00	6,725.00	372.30	116.40	90.00	2,240.74	-5,608.06	8,932.62	8,749.45	183.18	48.765		
19,800.00	6,840.00	6,725.00	6,725.00	375.00	116.40	90.00	2,240.74	-5,608.06	9,032.26	8,849.13	183.13	49.321		
19,900.00	6,840.00	6,725.00	6,725.00	377.70	116.40	90.00	2,240.74	-5,608.06	9,131.91	8,948.82	183.09	49.877		
20,000.00	6,840.00	6,725.00	6,725.00	380.40	116.40	90.00	2,240.74	-5,608.06	9,231.57	9,048.52	183.05	50.433		
20,100.00	6,840.00	6,725.00	6,725.00	383.11	116.40	90.00	2,240.74	-5,608.06	9,331.23	9,148.22	183.01	50.988		
20,200.00	6,840.00	6,725.00	6,725.00	385.81	116.40	90.00	2,240.74	-5,608.06	9,430.90	9,247.92	182.97	51.542		
20,300.00	6,840.00	6,725.00	6,725.00	388.51	116.40	90.00	2,240.74	-5,608.06	9,530.57	9,347.63	182.94	52.097		
20,400.00	6,840.00	6,725.00	6,725.00	391.22	116.40	90.00	2,240.74	-5,608.06	9,630.26	9,447.35	182.91	52.651		
20,500.00	6,840.00	6,725.00	6,725.00	393.92	116.40	90.00	2,240.74	-5,608.06	9,729.95	9,547.07	182.88	53.204		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 26-T4N-R65W - SI VERT SHELTON RG 26-1 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	6,725.00	6,725.00	394.99	116.40	90.00	2,240.74	-5,608.06	9,769.52	9,586.65	182.87	53.424	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 12-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,769.00	6,769.00	122.14	117.18	-90.00	918.95	-15,004.09	9,908.33	9,746.75	161.58	61.322		
10,400.00	6,840.00	6,769.00	6,769.00	124.68	117.18	-90.00	918.95	-15,004.09	9,808.51	9,646.74	161.77	60.634		
10,500.00	6,840.00	6,769.00	6,769.00	127.23	117.18	-90.00	918.95	-15,004.09	9,708.70	9,546.74	161.96	59.946		
10,600.00	6,840.00	6,769.00	6,769.00	129.78	117.18	-90.00	918.95	-15,004.09	9,608.89	9,446.74	162.15	59.258		
10,700.00	6,840.00	6,769.00	6,769.00	132.35	117.18	-90.00	918.95	-15,004.09	9,509.09	9,346.74	162.35	58.570		
10,800.00	6,840.00	6,769.00	6,769.00	134.91	117.18	-90.00	918.95	-15,004.09	9,409.29	9,246.74	162.56	57.882		
10,900.00	6,840.00	6,769.00	6,769.00	137.49	117.18	-90.00	918.95	-15,004.09	9,309.50	9,146.73	162.77	57.195		
11,000.00	6,840.00	6,769.00	6,769.00	140.07	117.18	-90.00	918.95	-15,004.09	9,209.71	9,046.73	162.98	56.507		
11,100.00	6,840.00	6,769.00	6,769.00	142.65	117.18	-90.00	918.95	-15,004.09	9,109.93	8,946.72	163.20	55.820		
11,200.00	6,840.00	6,769.00	6,769.00	145.24	117.18	-90.00	918.95	-15,004.09	9,010.15	8,846.72	163.43	55.132		
11,300.00	6,840.00	6,769.00	6,769.00	147.83	117.18	-90.00	918.95	-15,004.09	8,910.37	8,746.71	163.66	54.445		
11,400.00	6,840.00	6,769.00	6,769.00	150.43	117.18	-90.00	918.95	-15,004.09	8,810.60	8,646.71	163.89	53.758		
11,500.00	6,840.00	6,769.00	6,769.00	153.04	117.18	-90.00	918.95	-15,004.09	8,710.84	8,546.70	164.14	53.071		
11,600.00	6,840.00	6,769.00	6,769.00	155.64	117.18	-90.00	918.95	-15,004.09	8,611.08	8,446.69	164.38	52.384		
11,700.00	6,840.00	6,769.00	6,769.00	158.26	117.18	-90.00	918.95	-15,004.09	8,511.33	8,346.69	164.64	51.697		
11,800.00	6,840.00	6,769.00	6,769.00	160.87	117.18	-90.00	918.95	-15,004.09	8,411.58	8,246.68	164.90	51.011		
11,900.00	6,840.00	6,769.00	6,769.00	163.49	117.18	-90.00	918.95	-15,004.09	8,311.84	8,146.67	165.17	50.324		
12,000.00	6,840.00	6,769.00	6,769.00	166.11	117.18	-90.00	918.95	-15,004.09	8,212.10	8,046.66	165.44	49.638		
12,100.00	6,840.00	6,769.00	6,769.00	168.74	117.18	-90.00	918.95	-15,004.09	8,112.37	7,946.65	165.72	48.952		
12,200.00	6,840.00	6,769.00	6,769.00	171.37	117.18	-90.00	918.95	-15,004.09	8,012.65	7,846.64	166.01	48.266		
12,300.00	6,840.00	6,769.00	6,769.00	174.00	117.18	-90.00	918.95	-15,004.09	7,912.94	7,746.63	166.31	47.580		
12,400.00	6,840.00	6,769.00	6,769.00	176.63	117.18	-90.00	918.95	-15,004.09	7,813.23	7,646.62	166.61	46.895		
12,500.00	6,840.00	6,769.00	6,769.00	179.27	117.18	-90.00	918.95	-15,004.09	7,713.53	7,546.60	166.92	46.210		
12,600.00	6,840.00	6,769.00	6,769.00	181.91	117.18	-90.00	918.95	-15,004.09	7,613.84	7,446.59	167.25	45.525		
12,700.00	6,840.00	6,769.00	6,769.00	184.55	117.18	-90.00	918.95	-15,004.09	7,514.15	7,346.58	167.58	44.840		
12,800.00	6,840.00	6,769.00	6,769.00	187.19	117.18	-90.00	918.95	-15,004.09	7,414.48	7,246.56	167.92	44.156		
12,900.00	6,840.00	6,769.00	6,769.00	189.84	117.18	-90.00	918.95	-15,004.09	7,314.81	7,146.54	168.27	43.472		
13,000.00	6,840.00	6,769.00	6,769.00	192.48	117.18	-90.00	918.95	-15,004.09	7,215.15	7,046.53	168.63	42.788		
13,100.00	6,840.00	6,769.00	6,769.00	195.13	117.18	-90.00	918.95	-15,004.09	7,115.51	6,946.51	169.00	42.104		
13,200.00	6,840.00	6,769.00	6,769.00	197.79	117.18	-90.00	918.95	-15,004.09	7,015.87	6,846.49	169.38	41.421		
13,300.00	6,840.00	6,769.00	6,769.00	200.44	117.18	-90.00	918.95	-15,004.09	6,916.24	6,746.47	169.77	40.738		
13,400.00	6,840.00	6,769.00	6,769.00	203.10	117.18	-90.00	918.95	-15,004.09	6,816.62	6,646.45	170.18	40.056		
13,500.00	6,840.00	6,769.00	6,769.00	205.75	117.18	-90.00	918.95	-15,004.09	6,717.02	6,546.42	170.60	39.374		
13,600.00	6,840.00	6,769.00	6,769.00	208.41	117.18	-90.00	918.95	-15,004.09	6,617.43	6,446.40	171.03	38.692		
13,700.00	6,840.00	6,769.00	6,769.00	211.07	117.18	-90.00	918.95	-15,004.09	6,517.85	6,346.37	171.47	38.011		
13,800.00	6,840.00	6,769.00	6,769.00	213.74	117.18	-90.00	918.95	-15,004.09	6,418.28	6,246.34	171.93	37.330		
13,900.00	6,840.00	6,769.00	6,769.00	216.40	117.18	-90.00	918.95	-15,004.09	6,318.72	6,146.31	172.41	36.649		
14,000.00	6,840.00	6,769.00	6,769.00	219.06	117.18	-90.00	918.95	-15,004.09	6,219.18	6,046.28	172.90	35.969		
14,100.00	6,840.00	6,769.00	6,769.00	221.73	117.18	-90.00	918.95	-15,004.09	6,119.66	5,946.25	173.41	35.290		
14,200.00	6,840.00	6,769.00	6,769.00	224.40	117.18	-90.00	918.95	-15,004.09	6,020.15	5,846.21	173.94	34.611		
14,300.00	6,840.00	6,769.00	6,769.00	227.07	117.18	-90.00	918.95	-15,004.09	5,920.66	5,746.18	174.48	33.933		
14,400.00	6,840.00	6,769.00	6,769.00	229.74	117.18	-90.00	918.95	-15,004.09	5,821.18	5,646.14	175.05	33.255		
14,500.00	6,840.00	6,769.00	6,769.00	232.41	117.18	-90.00	918.95	-15,004.09	5,721.73	5,546.10	175.63	32.578		
14,600.00	6,840.00	6,769.00	6,769.00	235.08	117.18	-90.00	918.95	-15,004.09	5,622.29	5,446.05	176.24	31.901		
14,700.00	6,840.00	6,769.00	6,769.00	237.75	117.18	-90.00	918.95	-15,004.09	5,522.87	5,346.00	176.87	31.225		
14,800.00	6,840.00	6,769.00	6,769.00	240.43	117.18	-90.00	918.95	-15,004.09	5,423.48	5,245.95	177.53	30.550		
14,900.00	6,840.00	6,769.00	6,769.00	243.10	117.18	-90.00	918.95	-15,004.09	5,324.11	5,145.90	178.21	29.876		
15,000.00	6,840.00	6,769.00	6,769.00	245.78	117.18	-90.00	918.95	-15,004.09	5,224.76	5,045.84	178.92	29.202		
15,100.00	6,840.00	6,769.00	6,769.00	248.46	117.18	-90.00	918.95	-15,004.09	5,125.43	4,945.78	179.65	28.530		
15,200.00	6,840.00	6,769.00	6,769.00	251.14	117.18	-90.00	918.95	-15,004.09	5,026.14	4,845.71	180.42	27.858		
15,300.00	6,840.00	6,769.00	6,769.00	253.82	117.18	-90.00	918.95	-15,004.09	4,926.87	4,745.65	181.22	27.187		
15,400.00	6,840.00	6,769.00	6,769.00	256.50	117.18	-90.00	918.95	-15,004.09	4,827.63	4,645.57	182.06	26.517		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 12-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,769.00	6,769.00	259.18	117.18	-90.00	918.95	-15,004.09	4,728.42	4,545.49	182.93	25.848		
15,600.00	6,840.00	6,769.00	6,769.00	261.86	117.18	-90.00	918.95	-15,004.09	4,629.25	4,445.41	183.84	25.180		
15,700.00	6,840.00	6,769.00	6,769.00	264.54	117.18	-90.00	918.95	-15,004.09	4,530.12	4,345.32	184.80	24.514		
15,800.00	6,840.00	6,769.00	6,769.00	267.23	117.18	-90.00	918.95	-15,004.09	4,431.02	4,245.22	185.80	23.848		
15,900.00	6,840.00	6,769.00	6,769.00	269.91	117.18	-90.00	918.95	-15,004.09	4,331.97	4,145.12	186.85	23.184		
16,000.00	6,840.00	6,769.00	6,769.00	272.59	117.18	-90.00	918.95	-15,004.09	4,232.95	4,045.01	187.95	22.522		
16,100.00	6,840.00	6,769.00	6,769.00	275.28	117.18	-90.00	918.95	-15,004.09	4,133.99	3,944.89	189.10	21.861		
16,200.00	6,840.00	6,769.00	6,769.00	277.97	117.18	-90.00	918.95	-15,004.09	4,035.08	3,844.76	190.32	21.202		
16,300.00	6,840.00	6,769.00	6,769.00	280.65	117.18	-90.00	918.95	-15,004.09	3,936.22	3,744.62	191.60	20.544		
16,400.00	6,840.00	6,769.00	6,769.00	283.34	117.18	-90.00	918.95	-15,004.09	3,837.43	3,644.48	192.95	19.888		
16,500.00	6,840.00	6,769.00	6,769.00	286.03	117.18	-90.00	918.95	-15,004.09	3,738.69	3,544.32	194.37	19.235		
16,600.00	6,840.00	6,769.00	6,769.00	288.72	117.18	-90.00	918.95	-15,004.09	3,640.03	3,444.15	195.88	18.583		
16,700.00	6,840.00	6,769.00	6,769.00	291.41	117.18	-90.00	918.95	-15,004.09	3,541.44	3,343.97	197.47	17.934		
16,800.00	6,840.00	6,769.00	6,769.00	294.10	117.18	-90.00	918.95	-15,004.09	3,442.93	3,243.77	199.16	17.288		
16,900.00	6,840.00	6,769.00	6,769.00	296.79	117.18	-90.00	918.95	-15,004.09	3,344.51	3,143.56	200.95	16.644		
17,000.00	6,840.00	6,769.00	6,769.00	299.48	117.18	-90.00	918.95	-15,004.09	3,246.19	3,043.34	202.85	16.003		
17,100.00	6,840.00	6,769.00	6,769.00	302.17	117.18	-90.00	918.95	-15,004.09	3,147.97	2,943.09	204.88	15.365		
17,200.00	6,840.00	6,769.00	6,769.00	304.86	117.18	-90.00	918.95	-15,004.09	3,049.87	2,842.83	207.04	14.731		
17,300.00	6,840.00	6,769.00	6,769.00	307.56	117.18	-90.00	918.95	-15,004.09	2,951.89	2,742.54	209.35	14.100		
17,400.00	6,840.00	6,769.00	6,769.00	310.25	117.18	-90.00	918.95	-15,004.09	2,854.06	2,642.23	211.83	13.474		
17,500.00	6,840.00	6,769.00	6,769.00	312.94	117.18	-90.00	918.95	-15,004.09	2,756.38	2,541.90	214.48	12.851		
17,600.00	6,840.00	6,769.00	6,769.00	315.64	117.18	-90.00	918.95	-15,004.09	2,658.88	2,441.54	217.33	12.234		
17,700.00	6,840.00	6,769.00	6,769.00	318.33	117.18	-90.00	918.95	-15,004.09	2,561.56	2,341.16	220.41	11.622		
17,800.00	6,840.00	6,769.00	6,769.00	321.03	117.18	-90.00	918.95	-15,004.09	2,464.47	2,240.74	223.73	11.015		
17,900.00	6,840.00	6,769.00	6,769.00	323.72	117.18	-90.00	918.95	-15,004.09	2,367.61	2,140.29	227.32	10.415		
18,000.00	6,840.00	6,769.00	6,769.00	326.42	117.18	-90.00	918.95	-15,004.09	2,271.03	2,039.80	231.23	9.822		
18,100.00	6,840.00	6,769.00	6,769.00	329.11	117.18	-90.00	918.95	-15,004.09	2,174.75	1,939.28	235.47	9.236		
18,200.00	6,840.00	6,769.00	6,769.00	331.81	117.18	-90.00	918.95	-15,004.09	2,078.83	1,838.71	240.11	8.658		
18,300.00	6,840.00	6,769.00	6,769.00	334.51	117.18	-90.00	918.95	-15,004.09	1,983.31	1,738.11	245.19	8.089		
18,400.00	6,840.00	6,769.00	6,769.00	337.20	117.18	-90.00	918.95	-15,004.09	1,888.25	1,637.48	250.77	7.530		
18,500.00	6,840.00	6,769.00	6,769.00	339.90	117.18	-90.00	918.95	-15,004.09	1,793.73	1,536.80	256.93	6.981		
18,600.00	6,840.00	6,769.00	6,769.00	342.60	117.18	-90.00	918.95	-15,004.09	1,699.84	1,436.10	263.73	6.445		
18,700.00	6,840.00	6,769.00	6,769.00	345.30	117.18	-90.00	918.95	-15,004.09	1,606.68	1,335.39	271.29	5.922		
18,800.00	6,840.00	6,769.00	6,769.00	348.00	117.18	-90.00	918.95	-15,004.09	1,514.40	1,234.68	279.72	5.414		
18,900.00	6,840.00	6,769.00	6,769.00	350.70	117.18	-90.00	918.95	-15,004.09	1,423.16	1,134.02	289.15	4.922		
19,000.00	6,840.00	6,769.00	6,769.00	353.39	117.18	-90.00	918.95	-15,004.09	1,333.18	1,033.46	299.73	4.448		
19,100.00	6,840.00	6,769.00	6,769.00	356.09	117.18	-90.00	918.95	-15,004.09	1,244.73	933.10	311.64	3.994		
19,200.00	6,840.00	6,769.00	6,769.00	358.79	117.18	-90.00	918.95	-15,004.09	1,158.16	833.09	325.08	3.563		
19,300.00	6,840.00	6,769.00	6,769.00	361.49	117.18	-90.00	918.95	-15,004.09	1,073.93	733.68	340.25	3.156		
19,400.00	6,840.00	6,769.00	6,769.00	364.20	117.18	-90.00	918.95	-15,004.09	992.63	635.28	357.35	2.778		
19,500.00	6,840.00	6,769.00	6,769.00	366.90	117.18	-90.00	918.95	-15,004.09	915.04	538.54	376.50	2.430		
19,600.00	6,840.00	6,769.00	6,769.00	369.60	117.18	-90.00	918.95	-15,004.09	842.18	444.50	397.68	2.118		
19,700.00	6,840.00	6,769.00	6,769.00	372.30	117.18	-90.00	918.95	-15,004.09	775.41	354.85	420.55	1.844		
19,800.00	6,840.00	6,769.00	6,769.00	375.00	117.18	-90.00	918.95	-15,004.09	716.41	272.17	444.23	1.613		
19,900.00	6,840.00	6,769.00	6,769.00	377.70	117.18	-90.00	918.95	-15,004.09	667.25	200.23	467.02	1.429 Level 3		
20,000.00	6,840.00	6,769.00	6,769.00	380.40	117.18	-90.00	918.95	-15,004.09	630.24	143.96	486.28	1.296 Level 3		
20,100.00	6,840.00	6,769.00	6,769.00	383.11	117.18	-90.00	918.95	-15,004.09	607.61	108.81	498.80	1.218 Level 2		
20,190.09	6,840.00	6,769.00	6,769.00	385.54	117.18	-90.00	918.95	-15,004.09	600.89	98.85	502.04	1.197 Level 2, CC, ES, SF		
20,200.00	6,840.00	6,769.00	6,769.00	385.81	117.18	-90.00	918.95	-15,004.09	600.97	99.09	501.88	1.197 Level 2		
20,300.00	6,840.00	6,769.00	6,769.00	388.51	117.18	-90.00	918.95	-15,004.09	610.86	116.21	494.65	1.235 Level 2		
20,400.00	6,840.00	6,769.00	6,769.00	391.22	117.18	-90.00	918.95	-15,004.09	636.50	157.91	478.59	1.330 Level 3		
20,500.00	6,840.00	6,769.00	6,769.00	393.92	117.18	-90.00	918.95	-15,004.09	676.10	219.38	456.73	1.480 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT ANDERSON 12-27 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,539.70	6,840.00	6,769.00	6,769.00	394.99	117.18	-90.00	918.95	-15,004.09	695.20	248.04	447.16	1.555	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,200.00	5,783.56	5,719.38	5,717.12	43.90	1.67	-34.14	1,826.01	-11,627.70	9,967.50	9,935.04	32.46	307.049		
6,300.00	5,875.08	5,782.90	5,780.64	44.73	1.67	-34.24	1,825.54	-11,627.52	9,932.93	9,899.84	33.08	300.233		
6,400.00	5,966.60	5,858.94	5,856.67	45.56	1.67	-34.34	1,825.26	-11,627.39	9,898.56	9,864.86	33.70	293.711		
6,500.00	6,058.12	5,932.01	5,929.74	46.39	1.67	-34.45	1,825.20	-11,627.37	9,864.38	9,830.05	34.32	287.408		
6,600.00	6,149.64	6,000.00	5,997.73	47.22	1.68	-34.54	1,825.17	-11,627.51	9,830.44	9,795.50	34.95	281.303		
6,700.00	6,241.16	6,066.07	6,063.80	48.05	1.69	-34.64	1,825.12	-11,627.80	9,796.79	9,761.20	35.59	275.295		
6,800.00	6,332.68	6,141.87	6,139.60	48.88	1.71	-34.75	1,824.99	-11,628.33	9,763.40	9,727.18	36.23	269.512		
6,900.00	6,424.19	6,232.86	6,230.58	49.71	1.73	-34.88	1,824.58	-11,629.04	9,730.13	9,693.27	36.86	263.956		
7,000.00	6,514.88	6,357.97	6,355.69	50.58	1.75	-28.85	1,823.52	-11,629.89	9,694.58	9,657.09	37.49	258.598		
7,100.00	6,599.14	6,729.12	6,726.77	51.67	1.77	-21.88	1,819.31	-11,626.05	9,643.71	9,605.74	37.97	254.007		
7,200.00	6,673.85	6,817.97	6,815.59	53.01	1.77	-17.45	1,818.37	-11,623.70	9,577.52	9,538.99	38.53	248.550		
7,300.00	6,736.73	6,873.14	6,870.74	54.56	1.77	-14.39	1,818.06	-11,622.22	9,499.38	9,460.35	39.03	243.379		
7,400.00	6,785.87	6,928.31	6,925.89	56.29	1.77	-11.83	1,817.82	-11,620.74	9,411.65	9,372.25	39.41	238.838		
7,500.00	6,819.79	6,979.28	6,976.84	58.13	1.77	-8.39	1,817.54	-11,619.28	9,316.93	9,277.29	39.64	235.056		
7,600.00	6,837.44	7,003.09	7,000.63	60.02	1.78	9.39	1,817.38	-11,618.57	9,218.15	9,178.42	39.73	232.031		
7,700.00	6,840.00	7,002.28	6,999.82	61.90	1.78	131.96	1,817.39	-11,618.59	9,118.24	9,078.54	39.70	229.705		
7,800.00	6,840.00	6,997.39	6,994.94	63.83	1.77	131.46	1,817.42	-11,618.74	9,018.34	8,978.70	39.64	227.494		
7,900.00	6,840.00	6,992.57	6,990.12	65.81	1.77	130.95	1,817.45	-11,618.89	8,918.45	8,878.86	39.59	225.281		
8,000.00	6,840.00	6,987.81	6,985.36	67.84	1.77	130.45	1,817.49	-11,619.03	8,818.56	8,779.02	39.53	223.063		
8,100.00	6,840.00	6,983.11	6,980.66	69.91	1.77	129.94	1,817.52	-11,619.17	8,718.67	8,679.19	39.48	220.843		
8,200.00	6,840.00	6,978.46	6,976.02	72.03	1.77	129.44	1,817.55	-11,619.31	8,618.78	8,579.35	39.42	218.620		
8,300.00	6,840.00	6,973.88	6,971.44	74.18	1.77	128.93	1,817.57	-11,619.44	8,518.89	8,479.52	39.37	216.393		
8,400.00	6,840.00	6,969.35	6,966.91	76.37	1.77	128.42	1,817.60	-11,619.58	8,419.00	8,379.69	39.31	214.163		
8,500.00	6,840.00	6,964.88	6,962.44	78.59	1.77	127.91	1,817.63	-11,619.71	8,319.11	8,279.86	39.25	211.931		
8,600.00	6,840.00	6,960.47	6,958.03	80.85	1.77	127.40	1,817.65	-11,619.83	8,219.23	8,180.03	39.20	209.695		
8,700.00	6,840.00	6,956.10	6,953.67	83.13	1.77	126.89	1,817.68	-11,619.96	8,119.34	8,080.20	39.14	207.457		
8,800.00	6,840.00	6,951.79	6,949.36	85.44	1.77	126.38	1,817.70	-11,620.08	8,019.46	7,980.38	39.08	205.215		
8,900.00	6,840.00	6,947.54	6,945.10	87.77	1.77	125.87	1,817.73	-11,620.20	7,919.58	7,880.56	39.02	202.971		
9,000.00	6,840.00	6,943.33	6,940.90	90.12	1.77	125.36	1,817.75	-11,620.32	7,819.70	7,780.74	38.96	200.724		
9,100.00	6,840.00	6,939.17	6,936.74	92.50	1.77	124.85	1,817.77	-11,620.44	7,719.82	7,680.92	38.90	198.475		
9,200.00	6,840.00	6,935.06	6,932.64	94.89	1.77	124.34	1,817.79	-11,620.55	7,619.94	7,581.11	38.83	196.223		
9,300.00	6,840.00	6,931.01	6,928.58	97.30	1.77	123.83	1,817.81	-11,620.67	7,520.06	7,481.29	38.77	193.968		
9,400.00	6,840.00	6,926.99	6,924.57	99.73	1.77	123.31	1,817.83	-11,620.78	7,420.19	7,381.48	38.71	191.710		
9,500.00	6,840.00	6,923.03	6,920.61	102.17	1.77	122.80	1,817.85	-11,620.89	7,320.32	7,281.68	38.64	189.450		
9,600.00	6,840.00	6,919.11	6,916.69	104.63	1.77	122.29	1,817.86	-11,620.99	7,220.45	7,181.88	38.57	187.188		
9,700.00	6,840.00	6,915.23	6,912.82	107.10	1.77	121.78	1,817.88	-11,621.10	7,120.58	7,082.08	38.51	184.922		
9,800.00	6,840.00	6,911.40	6,908.99	109.58	1.77	121.27	1,817.90	-11,621.20	7,020.72	6,982.28	38.44	182.655		
9,900.00	6,840.00	6,907.62	6,905.20	112.07	1.77	120.76	1,817.91	-11,621.30	6,920.85	6,882.49	38.37	180.384		
10,000.00	6,840.00	6,903.87	6,901.46	114.58	1.77	120.25	1,817.93	-11,621.40	6,820.99	6,782.70	38.30	178.111		
10,100.00	6,840.00	6,900.17	6,897.76	117.09	1.77	119.74	1,817.94	-11,621.50	6,721.14	6,682.91	38.22	175.836		
10,200.00	6,840.00	6,897.65	6,895.24	119.61	1.77	119.39	1,817.95	-11,621.57	6,621.28	6,583.13	38.15	173.569		
10,300.00	6,840.00	6,895.18	6,892.77	122.14	1.77	119.04	1,817.96	-11,621.63	6,521.43	6,483.36	38.07	171.301		
10,400.00	6,840.00	6,892.70	6,890.29	124.68	1.77	118.70	1,817.97	-11,621.70	6,421.58	6,383.59	37.99	169.030		
10,500.00	6,840.00	6,890.23	6,887.82	127.23	1.77	118.35	1,817.98	-11,621.76	6,321.74	6,283.83	37.91	166.756		
10,600.00	6,840.00	6,887.74	6,885.33	129.78	1.77	117.99	1,817.99	-11,621.83	6,221.90	6,184.07	37.83	164.479		
10,700.00	6,840.00	6,885.25	6,882.85	132.35	1.77	117.63	1,818.00	-11,621.90	6,122.06	6,084.32	37.74	162.200		
10,800.00	6,840.00	6,882.76	6,880.35	134.91	1.77	117.27	1,818.01	-11,621.96	6,022.23	5,984.57	37.66	159.917		
10,900.00	6,840.00	6,880.26	6,877.86	137.49	1.77	116.91	1,818.02	-11,622.03	5,922.41	5,884.83	37.57	157.631		
11,000.00	6,840.00	6,877.76	6,875.36	140.07	1.77	116.55	1,818.04	-11,622.10	5,822.58	5,785.10	37.48	155.341		
11,100.00	6,840.00	6,875.26	6,872.85	142.65	1.77	116.18	1,818.05	-11,622.16	5,722.77	5,685.37	37.39	153.047		
11,200.00	6,840.00	6,872.75	6,870.35	145.24	1.77	115.80	1,818.06	-11,622.23	5,622.96	5,585.66	37.30	150.750		
11,300.00	6,840.00	6,870.23	6,867.83	147.83	1.77	115.43	1,818.07	-11,622.30	5,523.15	5,485.94	37.21	148.447		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
11,400.00	6,840.00	6,867.72	6,865.31	150.43	1.77	115.05	1,818.08	-11,622.36	5,423.35	5,386.24	37.11	146.141		
11,500.00	6,840.00	6,865.19	6,862.79	153.04	1.77	114.67	1,818.09	-11,622.43	5,323.56	5,286.54	37.01	143.828		
11,600.00	6,840.00	6,862.67	6,860.27	155.64	1.77	114.29	1,818.11	-11,622.50	5,223.77	5,186.85	36.91	141.511		
11,700.00	6,840.00	6,860.13	6,857.74	158.26	1.77	113.90	1,818.12	-11,622.57	5,123.99	5,087.18	36.81	139.187		
11,800.00	6,840.00	6,857.60	6,855.20	160.87	1.77	113.51	1,818.13	-11,622.63	5,024.22	4,987.50	36.71	136.856		
11,900.00	6,840.00	6,855.06	6,852.66	163.49	1.77	113.12	1,818.15	-11,622.70	4,924.45	4,887.84	36.61	134.517		
12,000.00	6,840.00	6,852.51	6,850.12	166.11	1.77	112.72	1,818.16	-11,622.77	4,824.70	4,788.19	36.50	132.171		
12,100.00	6,840.00	6,849.96	6,847.57	168.74	1.77	112.32	1,818.17	-11,622.84	4,724.95	4,688.55	36.40	129.815		
12,200.00	6,840.00	6,847.41	6,845.01	171.37	1.77	111.92	1,818.19	-11,622.91	4,625.21	4,588.92	36.29	127.449		
12,300.00	6,840.00	6,844.85	6,842.46	174.00	1.77	111.52	1,818.20	-11,622.98	4,525.48	4,489.30	36.18	125.072		
12,400.00	6,840.00	6,842.28	6,839.89	176.63	1.77	111.11	1,818.22	-11,623.05	4,425.76	4,389.69	36.07	122.683		
12,500.00	6,840.00	6,839.72	6,837.33	179.27	1.77	110.70	1,818.23	-11,623.12	4,326.06	4,290.09	35.97	120.279		
12,600.00	6,840.00	6,837.14	6,834.75	181.91	1.77	110.28	1,818.25	-11,623.19	4,226.36	4,190.50	35.86	117.861		
12,700.00	6,840.00	6,834.57	6,832.18	184.55	1.77	109.87	1,818.26	-11,623.26	4,126.68	4,090.93	35.75	115.424		
12,800.00	6,840.00	6,831.99	6,829.60	187.19	1.77	109.45	1,818.28	-11,623.32	4,027.02	3,991.37	35.65	112.969		
12,900.00	6,840.00	6,829.40	6,827.01	189.84	1.77	109.03	1,818.29	-11,623.39	3,927.36	3,891.82	35.54	110.492		
13,000.00	6,840.00	6,826.81	6,824.42	192.48	1.77	108.60	1,818.31	-11,623.47	3,827.73	3,792.28	35.45	107.990		
13,100.00	6,840.00	6,824.21	6,821.83	195.13	1.77	108.17	1,818.33	-11,623.54	3,728.11	3,692.76	35.35	105.461		
13,200.00	6,840.00	6,821.61	6,819.23	197.79	1.77	107.74	1,818.34	-11,623.61	3,628.51	3,593.25	35.26	102.902		
13,300.00	6,840.00	6,819.01	6,816.62	200.44	1.77	107.31	1,818.36	-11,623.68	3,528.94	3,493.76	35.18	100.309		
13,400.00	6,840.00	6,816.40	6,814.02	203.10	1.77	106.87	1,818.38	-11,623.75	3,429.38	3,394.27	35.11	97.677		
13,500.00	6,840.00	6,813.78	6,811.40	205.75	1.77	106.43	1,818.39	-11,623.82	3,329.85	3,294.80	35.05	95.002		
13,600.00	6,840.00	6,812.37	6,809.99	208.41	1.77	106.19	1,818.41	-11,623.85	3,230.34	3,195.35	35.00	92.306		
13,700.00	6,840.00	6,809.42	6,807.05	211.07	1.77	105.69	1,818.43	-11,623.94	3,130.87	3,095.90	34.97	89.522		
13,800.00	6,840.00	6,806.50	6,804.12	213.74	1.77	105.20	1,818.45	-11,624.02	3,031.43	2,996.46	34.97	86.678		
13,900.00	6,840.00	6,803.59	6,801.21	216.40	1.77	104.70	1,818.46	-11,624.10	2,932.02	2,897.02	35.00	83.768		
14,000.00	6,840.00	6,800.70	6,798.32	219.06	1.77	104.20	1,818.48	-11,624.18	2,832.66	2,797.59	35.06	80.785		
14,100.00	6,840.00	6,797.83	6,795.45	221.73	1.77	103.71	1,818.51	-11,624.25	2,733.33	2,698.16	35.17	77.720		
14,200.00	6,840.00	6,794.98	6,792.60	224.40	1.77	103.21	1,818.53	-11,624.33	2,634.06	2,598.73	35.32	74.568		
14,300.00	6,840.00	6,792.14	6,789.77	227.07	1.77	102.72	1,818.55	-11,624.41	2,534.83	2,499.29	35.54	71.321		
14,400.00	6,840.00	6,789.33	6,786.96	229.74	1.77	102.23	1,818.57	-11,624.49	2,435.67	2,399.84	35.83	67.973		
14,500.00	6,840.00	6,786.53	6,784.16	232.41	1.77	101.74	1,818.60	-11,624.56	2,336.58	2,300.36	36.22	64.518		
14,600.00	6,840.00	6,783.75	6,781.38	235.08	1.77	101.25	1,818.62	-11,624.64	2,237.56	2,200.85	36.71	60.955		
14,700.00	6,840.00	6,780.99	6,778.62	237.75	1.77	100.77	1,818.65	-11,624.71	2,138.63	2,101.30	37.33	57.285		
14,800.00	6,840.00	6,778.25	6,775.88	240.43	1.77	100.28	1,818.67	-11,624.78	2,039.81	2,001.69	38.12	53.512		
14,900.00	6,840.00	6,775.52	6,773.15	243.10	1.77	99.80	1,818.70	-11,624.86	1,941.10	1,902.00	39.10	49.648		
15,000.00	6,840.00	6,772.81	6,770.44	245.78	1.77	99.31	1,818.73	-11,624.93	1,842.52	1,802.21	40.31	45.709		
15,100.00	6,840.00	6,770.12	6,767.75	248.46	1.77	98.83	1,818.76	-11,625.00	1,744.10	1,702.30	41.80	41.722		
15,200.00	6,840.00	6,767.44	6,765.08	251.14	1.77	98.36	1,818.79	-11,625.07	1,645.87	1,602.24	43.64	37.717		
15,300.00	6,840.00	6,764.78	6,762.42	253.82	1.77	97.88	1,818.82	-11,625.14	1,547.86	1,501.98	45.88	33.735		
15,400.00	6,840.00	6,762.14	6,759.78	256.50	1.77	97.40	1,818.85	-11,625.21	1,450.12	1,401.49	48.63	29.822		
15,500.00	6,840.00	6,759.51	6,757.15	259.18	1.77	96.93	1,818.88	-11,625.28	1,352.70	1,300.73	51.98	26.024		
15,600.00	6,840.00	6,756.90	6,754.54	261.86	1.77	96.46	1,818.91	-11,625.34	1,255.69	1,199.61	56.08	22.393		
15,700.00	6,840.00	6,754.31	6,751.95	264.54	1.77	95.99	1,818.95	-11,625.41	1,159.17	1,098.08	61.09	18.974		
15,800.00	6,840.00	6,751.73	6,749.38	267.23	1.77	95.53	1,818.98	-11,625.48	1,063.30	996.03	67.26	15.808		
15,900.00	6,840.00	6,749.17	6,746.81	269.91	1.77	95.06	1,819.01	-11,625.54	968.25	893.36	74.89	12.929		
16,000.00	6,840.00	6,746.62	6,744.27	272.59	1.77	94.60	1,819.05	-11,625.61	874.30	789.91	84.39	10.361		
16,100.00	6,840.00	6,744.09	6,741.74	275.28	1.77	94.14	1,819.08	-11,625.67	781.84	685.52	96.32	8.117		
16,200.00	6,840.00	6,741.58	6,739.23	277.97	1.77	93.68	1,819.12	-11,625.74	691.47	579.99	111.49	6.202		
16,300.00	6,840.00	6,739.08	6,736.73	280.65	1.77	93.23	1,819.15	-11,625.80	604.14	473.21	130.93	4.614		
16,400.00	6,840.00	6,736.59	6,734.24	283.34	1.77	92.78	1,819.19	-11,625.87	521.37	365.36	156.00	3.342		
16,500.00	6,840.00	6,734.12	6,731.77	286.03	1.77	92.33	1,819.23	-11,625.93	445.70	257.74	187.96	2.371		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,600.00	6,840.00	6,731.67	6,729.32	288.72	1.77	91.88	1,819.27	-11,625.99	381.40	154.83	226.57	1.683		
16,700.00	6,840.00	6,729.23	6,726.88	291.41	1.77	91.44	1,819.31	-11,626.05	335.06	68.69	266.37	1.258	Level 3	
16,800.00	6,840.00	6,726.80	6,724.46	294.10	1.77	90.99	1,819.34	-11,626.11	314.73	21.52	293.21	1.073	Level 2	
16,816.10	6,840.00	6,726.41	6,724.07	294.53	1.77	90.92	1,819.35	-11,626.12	314.32	19.12	295.21	1.065	Level 2, CC, ES, SF	
16,900.00	6,840.00	6,724.39	6,722.05	296.79	1.77	90.56	1,819.38	-11,626.17	325.32	31.73	293.59	1.108	Level 2	
17,000.00	6,840.00	6,721.99	6,719.65	299.48	1.77	90.12	1,819.42	-11,626.23	364.14	92.50	271.64	1.340	Level 3	
17,100.00	6,840.00	6,719.61	6,717.27	302.17	1.77	89.68	1,819.46	-11,626.29	423.50	181.52	241.98	1.750		
17,200.00	6,840.00	6,717.24	6,714.90	304.86	1.77	89.25	1,819.50	-11,626.35	496.08	282.07	214.01	2.318		
17,300.00	6,840.00	6,714.89	6,712.55	307.56	1.77	88.82	1,819.55	-11,626.41	576.91	386.29	190.61	3.027		
17,400.00	6,840.00	6,712.55	6,710.21	310.25	1.77	88.40	1,819.59	-11,626.47	662.98	491.23	171.75	3.860		
17,500.00	6,840.00	6,710.22	6,707.88	312.94	1.77	87.98	1,819.63	-11,626.52	752.49	595.88	156.61	4.805		
17,600.00	6,840.00	6,708.15	6,705.81	315.64	1.77	87.60	1,819.66	-11,626.57	844.36	699.97	144.38	5.848		
17,700.00	6,840.00	6,705.75	6,703.41	318.33	1.77	87.16	1,819.71	-11,626.63	937.88	803.48	134.40	6.978		
17,800.00	6,840.00	6,703.39	6,701.05	321.03	1.77	86.74	1,819.76	-11,626.69	1,032.62	906.48	126.14	8.186		
17,900.00	6,840.00	6,701.06	6,698.73	323.72	1.77	86.31	1,819.80	-11,626.75	1,128.25	1,009.03	119.23	9.463		
18,000.00	6,840.00	6,698.77	6,696.43	326.42	1.77	85.90	1,819.85	-11,626.80	1,224.58	1,111.21	113.38	10.801		
18,100.00	6,840.00	6,696.50	6,694.17	329.11	1.77	85.49	1,819.89	-11,626.86	1,321.46	1,213.08	108.38	12.193		
18,200.00	6,840.00	6,694.27	6,691.94	331.81	1.77	85.09	1,819.93	-11,626.91	1,418.76	1,314.69	104.07	13.633		
18,300.00	6,840.00	6,692.07	6,689.74	334.51	1.77	84.69	1,819.97	-11,626.96	1,516.41	1,416.09	100.31	15.117		
18,400.00	6,840.00	6,689.90	6,687.58	337.20	1.77	84.30	1,820.01	-11,627.01	1,614.34	1,517.32	97.03	16.638		
18,500.00	6,840.00	6,687.76	6,685.44	339.90	1.77	83.92	1,820.05	-11,627.06	1,712.51	1,618.39	94.13	18.194		
18,600.00	6,840.00	6,685.65	6,683.33	342.60	1.77	83.54	1,820.09	-11,627.11	1,810.88	1,719.33	91.55	19.780		
18,700.00	6,840.00	6,683.57	6,681.25	345.30	1.77	83.17	1,820.13	-11,627.16	1,909.41	1,820.16	89.26	21.392		
18,800.00	6,840.00	6,681.52	6,679.19	348.00	1.77	82.80	1,820.17	-11,627.21	2,008.09	1,920.89	87.20	23.029		
18,900.00	6,840.00	6,679.49	6,677.17	350.70	1.77	82.44	1,820.20	-11,627.25	2,106.89	2,021.55	85.34	24.688		
19,000.00	6,840.00	6,677.49	6,675.17	353.39	1.77	82.08	1,820.24	-11,627.30	2,205.80	2,122.13	83.66	26.365		
19,100.00	6,840.00	6,675.51	6,673.19	356.09	1.77	81.73	1,820.27	-11,627.34	2,304.80	2,222.65	82.14	28.059		
19,200.00	6,840.00	6,673.57	6,671.25	358.79	1.77	81.39	1,820.31	-11,627.39	2,403.87	2,323.12	80.75	29.768		
19,300.00	6,840.00	6,671.64	6,669.32	361.49	1.77	81.05	1,820.34	-11,627.43	2,503.03	2,423.54	79.49	31.490		
19,400.00	6,840.00	6,669.74	6,667.43	364.20	1.77	80.71	1,820.37	-11,627.47	2,602.24	2,523.92	78.32	33.224		
19,500.00	6,840.00	6,667.87	6,665.55	366.90	1.77	80.38	1,820.40	-11,627.51	2,701.51	2,624.25	77.26	34.969		
19,600.00	6,840.00	6,666.02	6,663.70	369.60	1.77	80.05	1,820.43	-11,627.55	2,800.83	2,724.56	76.27	36.722		
19,700.00	6,840.00	6,664.19	6,661.88	372.30	1.77	79.73	1,820.46	-11,627.59	2,900.20	2,824.83	75.36	38.483		
19,800.00	6,840.00	6,662.39	6,660.07	375.00	1.77	79.42	1,820.49	-11,627.63	2,999.60	2,925.08	74.52	40.251		
19,900.00	6,840.00	6,660.61	6,658.29	377.70	1.77	79.11	1,820.52	-11,627.67	3,099.05	3,025.31	73.74	42.025		
20,000.00	6,840.00	6,658.85	6,656.53	380.40	1.77	78.80	1,820.55	-11,627.70	3,198.53	3,125.51	73.02	43.805		
20,100.00	6,840.00	6,657.11	6,654.80	383.11	1.77	78.50	1,820.58	-11,627.74	3,298.03	3,225.69	72.34	45.588		
20,200.00	6,840.00	6,655.39	6,653.08	385.81	1.77	78.20	1,820.60	-11,627.78	3,397.57	3,325.85	71.72	47.375		
20,300.00	6,840.00	6,653.70	6,651.38	388.51	1.77	77.91	1,820.63	-11,627.81	3,497.13	3,426.00	71.13	49.165		
20,400.00	6,840.00	6,652.02	6,649.71	391.22	1.77	77.62	1,820.66	-11,627.85	3,596.72	3,526.13	70.58	50.957		
20,500.00	6,840.00	6,650.37	6,648.06	393.92	1.77	77.33	1,820.68	-11,627.88	3,696.32	3,626.25	70.07	52.751		
20,539.70	6,840.00	6,649.72	6,647.40	394.99	1.77	77.22	1,820.69	-11,627.89	3,735.87	3,665.99	69.88	53.463		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,100.00	6,840.00	6,759.00	6,759.00	117.09	117.01	90.00	1,770.59	-14,837.85	9,930.77	9,775.63	155.14	64.012		
10,200.00	6,840.00	6,759.00	6,759.00	119.61	117.01	90.00	1,770.59	-14,837.85	9,830.80	9,675.68	155.12	63.376		
10,300.00	6,840.00	6,759.00	6,759.00	122.14	117.01	90.00	1,770.59	-14,837.85	9,730.83	9,575.73	155.10	62.740		
10,400.00	6,840.00	6,759.00	6,759.00	124.68	117.01	90.00	1,770.59	-14,837.85	9,630.87	9,475.79	155.08	62.103		
10,500.00	6,840.00	6,759.00	6,759.00	127.23	117.01	90.00	1,770.59	-14,837.85	9,530.90	9,375.84	155.06	61.467		
10,600.00	6,840.00	6,759.00	6,759.00	129.78	117.01	90.00	1,770.59	-14,837.85	9,430.93	9,275.90	155.04	60.830		
10,700.00	6,840.00	6,759.00	6,759.00	132.35	117.01	90.00	1,770.59	-14,837.85	9,330.97	9,175.95	155.02	60.193		
10,800.00	6,840.00	6,759.00	6,759.00	134.91	117.01	90.00	1,770.59	-14,837.85	9,231.01	9,076.01	155.00	59.557		
10,900.00	6,840.00	6,759.00	6,759.00	137.49	117.01	90.00	1,770.59	-14,837.85	9,131.04	8,976.07	154.97	58.920		
11,000.00	6,840.00	6,759.00	6,759.00	140.07	117.01	90.00	1,770.59	-14,837.85	9,031.08	8,876.13	154.95	58.283		
11,100.00	6,840.00	6,759.00	6,759.00	142.65	117.01	90.00	1,770.59	-14,837.85	8,931.12	8,776.19	154.93	57.646		
11,200.00	6,840.00	6,759.00	6,759.00	145.24	117.01	90.00	1,770.59	-14,837.85	8,831.16	8,676.26	154.91	57.009		
11,300.00	6,840.00	6,759.00	6,759.00	147.83	117.01	90.00	1,770.59	-14,837.85	8,731.20	8,576.32	154.88	56.373		
11,400.00	6,840.00	6,759.00	6,759.00	150.43	117.01	90.00	1,770.59	-14,837.85	8,631.25	8,476.38	154.86	55.736		
11,500.00	6,840.00	6,759.00	6,759.00	153.04	117.01	90.00	1,770.59	-14,837.85	8,531.29	8,376.45	154.84	55.099		
11,600.00	6,840.00	6,759.00	6,759.00	155.64	117.01	90.00	1,770.59	-14,837.85	8,431.33	8,276.52	154.81	54.462		
11,700.00	6,840.00	6,759.00	6,759.00	158.26	117.01	90.00	1,770.59	-14,837.85	8,331.38	8,176.59	154.79	53.824		
11,800.00	6,840.00	6,759.00	6,759.00	160.87	117.01	90.00	1,770.59	-14,837.85	8,231.42	8,076.66	154.76	53.187		
11,900.00	6,840.00	6,759.00	6,759.00	163.49	117.01	90.00	1,770.59	-14,837.85	8,131.47	7,976.73	154.74	52.550		
12,000.00	6,840.00	6,759.00	6,759.00	166.11	117.01	90.00	1,770.59	-14,837.85	8,031.52	7,876.81	154.71	51.913		
12,100.00	6,840.00	6,759.00	6,759.00	168.74	117.01	90.00	1,770.59	-14,837.85	7,931.57	7,776.88	154.68	51.276		
12,200.00	6,840.00	6,759.00	6,759.00	171.37	117.01	90.00	1,770.59	-14,837.85	7,831.62	7,676.96	154.66	50.639		
12,300.00	6,840.00	6,759.00	6,759.00	174.00	117.01	90.00	1,770.59	-14,837.85	7,731.67	7,577.04	154.63	50.002		
12,400.00	6,840.00	6,759.00	6,759.00	176.63	117.01	90.00	1,770.59	-14,837.85	7,631.73	7,477.13	154.60	49.364		
12,500.00	6,840.00	6,759.00	6,759.00	179.27	117.01	90.00	1,770.59	-14,837.85	7,531.78	7,377.21	154.57	48.727		
12,600.00	6,840.00	6,759.00	6,759.00	181.91	117.01	90.00	1,770.59	-14,837.85	7,431.84	7,277.30	154.54	48.090		
12,700.00	6,840.00	6,759.00	6,759.00	184.55	117.01	90.00	1,770.59	-14,837.85	7,331.90	7,177.39	154.51	47.453		
12,800.00	6,840.00	6,759.00	6,759.00	187.19	117.01	90.00	1,770.59	-14,837.85	7,231.95	7,077.48	154.48	46.815		
12,900.00	6,840.00	6,759.00	6,759.00	189.84	117.01	90.00	1,770.59	-14,837.85	7,132.02	6,977.57	154.45	46.178		
13,000.00	6,840.00	6,759.00	6,759.00	192.48	117.01	90.00	1,770.59	-14,837.85	7,032.08	6,877.67	154.41	45.541		
13,100.00	6,840.00	6,759.00	6,759.00	195.13	117.01	90.00	1,770.59	-14,837.85	6,932.14	6,777.76	154.38	44.903		
13,200.00	6,840.00	6,759.00	6,759.00	197.79	117.01	90.00	1,770.59	-14,837.85	6,832.21	6,677.87	154.34	44.266		
13,300.00	6,840.00	6,759.00	6,759.00	200.44	117.01	90.00	1,770.59	-14,837.85	6,732.28	6,577.97	154.31	43.628		
13,400.00	6,840.00	6,759.00	6,759.00	203.10	117.01	90.00	1,770.59	-14,837.85	6,632.35	6,478.08	154.27	42.991		
13,500.00	6,840.00	6,759.00	6,759.00	205.75	117.01	90.00	1,770.59	-14,837.85	6,532.42	6,378.19	154.24	42.353		
13,600.00	6,840.00	6,759.00	6,759.00	208.41	117.01	90.00	1,770.59	-14,837.85	6,432.50	6,278.30	154.20	41.716		
13,700.00	6,840.00	6,759.00	6,759.00	211.07	117.01	90.00	1,770.59	-14,837.85	6,332.58	6,178.42	154.16	41.078		
13,800.00	6,840.00	6,759.00	6,759.00	213.74	117.01	90.00	1,770.59	-14,837.85	6,232.66	6,078.54	154.12	40.440		
13,900.00	6,840.00	6,759.00	6,759.00	216.40	117.01	90.00	1,770.59	-14,837.85	6,132.74	5,978.66	154.08	39.802		
14,000.00	6,840.00	6,759.00	6,759.00	219.06	117.01	90.00	1,770.59	-14,837.85	6,032.82	5,878.79	154.04	39.164		
14,100.00	6,840.00	6,759.00	6,759.00	221.73	117.01	90.00	1,770.59	-14,837.85	5,932.91	5,778.92	154.00	38.526		
14,200.00	6,840.00	6,759.00	6,759.00	224.40	117.01	90.00	1,770.59	-14,837.85	5,833.00	5,679.05	153.95	37.888		
14,300.00	6,840.00	6,759.00	6,759.00	227.07	117.01	90.00	1,770.59	-14,837.85	5,733.10	5,579.19	153.91	37.250		
14,400.00	6,840.00	6,759.00	6,759.00	229.74	117.01	90.00	1,770.59	-14,837.85	5,633.20	5,479.33	153.87	36.611		
14,500.00	6,840.00	6,759.00	6,759.00	232.41	117.01	90.00	1,770.59	-14,837.85	5,533.30	5,379.48	153.82	35.973		
14,600.00	6,840.00	6,759.00	6,759.00	235.08	117.01	90.00	1,770.59	-14,837.85	5,433.40	5,279.63	153.77	35.334		
14,700.00	6,840.00	6,759.00	6,759.00	237.75	117.01	90.00	1,770.59	-14,837.85	5,333.51	5,179.78	153.73	34.694		
14,800.00	6,840.00	6,759.00	6,759.00	240.43	117.01	90.00	1,770.59	-14,837.85	5,233.63	5,079.94	153.68	34.055		
14,900.00	6,840.00	6,759.00	6,759.00	243.10	117.01	90.00	1,770.59	-14,837.85	5,133.74	4,980.11	153.63	33.415		
15,000.00	6,840.00	6,759.00	6,759.00	245.78	117.01	90.00	1,770.59	-14,837.85	5,033.87	4,880.28	153.59	32.775		
15,100.00	6,840.00	6,759.00	6,759.00	248.46	117.01	90.00	1,770.59	-14,837.85	4,933.99	4,780.45	153.54	32.135		
15,200.00	6,840.00	6,759.00	6,759.00	251.14	117.01	90.00	1,770.59	-14,837.85	4,834.13	4,680.63	153.49	31.494		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	6,840.00	6,759.00	6,759.00	253.82	117.01	90.00	1,770.59	-14,837.85	4,734.26	4,580.82	153.45	30.853		
15,400.00	6,840.00	6,759.00	6,759.00	256.50	117.01	90.00	1,770.59	-14,837.85	4,634.41	4,481.01	153.40	30.211		
15,500.00	6,840.00	6,759.00	6,759.00	259.18	117.01	90.00	1,770.59	-14,837.85	4,534.56	4,381.20	153.36	29.569		
15,600.00	6,840.00	6,759.00	6,759.00	261.86	117.01	90.00	1,770.59	-14,837.85	4,434.72	4,281.40	153.32	28.926		
15,700.00	6,840.00	6,759.00	6,759.00	264.54	117.01	90.00	1,770.59	-14,837.85	4,334.88	4,181.61	153.27	28.282		
15,800.00	6,840.00	6,759.00	6,759.00	267.23	117.01	90.00	1,770.59	-14,837.85	4,235.05	4,081.82	153.24	27.637		
15,900.00	6,840.00	6,759.00	6,759.00	269.91	117.01	90.00	1,770.59	-14,837.85	4,135.23	3,982.03	153.20	26.992		
16,000.00	6,840.00	6,759.00	6,759.00	272.59	117.01	90.00	1,770.59	-14,837.85	4,035.42	3,882.25	153.17	26.346		
16,100.00	6,840.00	6,759.00	6,759.00	275.28	117.01	90.00	1,770.59	-14,837.85	3,935.62	3,782.48	153.15	25.698		
16,200.00	6,840.00	6,759.00	6,759.00	277.97	117.01	90.00	1,770.59	-14,837.85	3,835.83	3,682.70	153.13	25.050		
16,300.00	6,840.00	6,759.00	6,759.00	280.65	117.01	90.00	1,770.59	-14,837.85	3,736.05	3,582.94	153.12	24.400		
16,400.00	6,840.00	6,759.00	6,759.00	283.34	117.01	90.00	1,770.59	-14,837.85	3,636.29	3,483.17	153.12	23.748		
16,500.00	6,840.00	6,759.00	6,759.00	286.03	117.01	90.00	1,770.59	-14,837.85	3,536.53	3,383.41	153.13	23.095		
16,600.00	6,840.00	6,759.00	6,759.00	288.72	117.01	90.00	1,770.59	-14,837.85	3,436.79	3,283.64	153.15	22.441		
16,700.00	6,840.00	6,759.00	6,759.00	291.41	117.01	90.00	1,770.59	-14,837.85	3,337.07	3,183.88	153.19	21.784		
16,800.00	6,840.00	6,759.00	6,759.00	294.10	117.01	90.00	1,770.59	-14,837.85	3,237.36	3,084.11	153.25	21.125		
16,900.00	6,840.00	6,759.00	6,759.00	296.79	117.01	90.00	1,770.59	-14,837.85	3,137.67	2,984.34	153.33	20.463		
17,000.00	6,840.00	6,759.00	6,759.00	299.48	117.01	90.00	1,770.59	-14,837.85	3,038.01	2,884.57	153.44	19.799		
17,100.00	6,840.00	6,759.00	6,759.00	302.17	117.01	90.00	1,770.59	-14,837.85	2,938.36	2,784.78	153.58	19.132		
17,200.00	6,840.00	6,759.00	6,759.00	304.86	117.01	90.00	1,770.59	-14,837.85	2,838.74	2,684.98	153.77	18.462		
17,300.00	6,840.00	6,759.00	6,759.00	307.56	117.01	90.00	1,770.59	-14,837.85	2,739.15	2,585.16	153.99	17.787		
17,400.00	6,840.00	6,759.00	6,759.00	310.25	117.01	90.00	1,770.59	-14,837.85	2,639.59	2,485.31	154.28	17.109		
17,500.00	6,840.00	6,759.00	6,759.00	312.94	117.01	90.00	1,770.59	-14,837.85	2,540.06	2,385.43	154.63	16.427		
17,600.00	6,840.00	6,759.00	6,759.00	315.64	117.01	90.00	1,770.59	-14,837.85	2,440.57	2,285.51	155.06	15.740		
17,700.00	6,840.00	6,759.00	6,759.00	318.33	117.01	90.00	1,770.59	-14,837.85	2,341.13	2,185.55	155.58	15.048		
17,800.00	6,840.00	6,759.00	6,759.00	321.03	117.01	90.00	1,770.59	-14,837.85	2,241.73	2,085.51	156.22	14.350		
17,900.00	6,840.00	6,759.00	6,759.00	323.72	117.01	90.00	1,770.59	-14,837.85	2,142.39	1,985.40	156.99	13.647		
18,000.00	6,840.00	6,759.00	6,759.00	326.42	117.01	90.00	1,770.59	-14,837.85	2,043.12	1,885.19	157.93	12.937		
18,100.00	6,840.00	6,759.00	6,759.00	329.11	117.01	90.00	1,770.59	-14,837.85	1,943.92	1,784.86	159.06	12.222		
18,200.00	6,840.00	6,759.00	6,759.00	331.81	117.01	90.00	1,770.59	-14,837.85	1,844.80	1,684.38	160.42	11.500		
18,300.00	6,840.00	6,759.00	6,759.00	334.51	117.01	90.00	1,770.59	-14,837.85	1,745.79	1,583.72	162.07	10.772		
18,400.00	6,840.00	6,759.00	6,759.00	337.20	117.01	90.00	1,770.59	-14,837.85	1,646.89	1,482.83	164.06	10.038		
18,500.00	6,840.00	6,759.00	6,759.00	339.90	117.01	90.00	1,770.59	-14,837.85	1,548.14	1,381.67	166.47	9.300		
18,600.00	6,840.00	6,759.00	6,759.00	342.60	117.01	90.00	1,770.59	-14,837.85	1,449.56	1,280.18	169.38	8.558		
18,700.00	6,840.00	6,759.00	6,759.00	345.30	117.01	90.00	1,770.59	-14,837.85	1,351.19	1,178.28	172.91	7.814		
18,800.00	6,840.00	6,759.00	6,759.00	348.00	117.01	90.00	1,770.59	-14,837.85	1,253.07	1,075.86	177.21	7.071		
18,900.00	6,840.00	6,759.00	6,759.00	350.70	117.01	90.00	1,770.59	-14,837.85	1,155.28	972.81	182.47	6.331		
19,000.00	6,840.00	6,759.00	6,759.00	353.39	117.01	90.00	1,770.59	-14,837.85	1,057.90	868.95	188.95	5.599		
19,100.00	6,840.00	6,759.00	6,759.00	356.09	117.01	90.00	1,770.59	-14,837.85	961.06	764.07	196.99	4.879		
19,200.00	6,840.00	6,759.00	6,759.00	358.79	117.01	90.00	1,770.59	-14,837.85	864.94	657.86	207.08	4.177		
19,300.00	6,840.00	6,759.00	6,759.00	361.49	117.01	90.00	1,770.59	-14,837.85	769.81	549.90	219.91	3.501		
19,400.00	6,840.00	6,759.00	6,759.00	364.20	117.01	90.00	1,770.59	-14,837.85	676.09	439.59	236.50	2.859		
19,500.00	6,840.00	6,759.00	6,759.00	366.90	117.01	90.00	1,770.59	-14,837.85	584.45	326.11	258.33	2.262		
19,600.00	6,840.00	6,759.00	6,759.00	369.60	117.01	90.00	1,770.59	-14,837.85	496.05	208.41	287.64	1.725		
19,700.00	6,840.00	6,759.00	6,759.00	372.30	117.01	90.00	1,770.59	-14,837.85	412.97	85.53	327.45	1.261 Level 3		
19,800.00	6,840.00	6,759.00	6,759.00	375.00	117.01	90.00	1,770.59	-14,837.85	339.16	-41.36	380.52	0.891 Level 1		
19,900.00	6,840.00	6,759.00	6,759.00	377.70	117.01	90.00	1,770.59	-14,837.85	281.98	-161.39	443.38	0.636 Level 1		
20,000.00	6,840.00	6,759.00	6,759.00	380.40	117.01	90.00	1,770.59	-14,837.85	252.98	-239.02	491.99	0.514 Level 1		
20,027.58	6,840.00	6,759.00	6,759.00	381.15	117.01	90.00	1,770.59	-14,837.85	251.47	-246.00	497.47	0.506 Level 1, CC, ES, SF		
20,100.00	6,840.00	6,759.00	6,759.00	383.11	117.01	90.00	1,770.59	-14,837.85	261.69	-229.27	490.96	0.533 Level 1		
20,200.00	6,840.00	6,759.00	6,759.00	385.81	117.01	90.00	1,770.59	-14,837.85	304.90	-143.38	448.28	0.680 Level 1		
20,300.00	6,840.00	6,759.00	6,759.00	388.51	117.01	90.00	1,770.59	-14,837.85	370.74	-27.57	398.31	0.931 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT BOHLENDER 1 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,400.00	6,840.00	6,759.00	6,759.00	391.22	117.01	90.00	1,770.59	-14,837.85	449.37	92.68	356.69	1.260	Level 3
20,500.00	6,840.00	6,759.00	6,759.00	393.92	117.01	90.00	1,770.59	-14,837.85	535.18	210.32	324.86	1.647	
20,539.70	6,840.00	6,759.00	6,759.00	394.99	117.01	90.00	1,770.59	-14,837.85	570.52	256.03	314.49	1.814	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,400.00	6,785.87	6,864.13	6,863.51	56.29	2.18	-5.09	2,297.17	-12,106.41	9,924.58	9,886.16	38.42	258.290		
7,500.00	6,819.79	6,896.18	6,895.55	58.13	2.21	3.06	2,296.31	-12,105.86	9,830.01	9,791.39	38.62	254.541		
7,600.00	6,837.44	6,912.02	6,911.37	60.02	2.22	38.00	2,295.89	-12,105.59	9,731.45	9,692.79	38.65	251.760		
7,700.00	6,840.00	6,912.84	6,912.20	61.90	2.22	103.28	2,295.87	-12,105.58	9,631.78	9,593.23	38.55	249.858		
7,800.00	6,840.00	6,911.12	6,910.48	63.83	2.22	103.16	2,295.91	-12,105.61	9,532.14	9,493.72	38.42	248.098		
7,900.00	6,840.00	6,909.40	6,908.76	65.81	2.21	103.05	2,295.96	-12,105.64	9,432.51	9,394.21	38.29	246.331		
8,000.00	6,840.00	6,907.69	6,907.04	67.84	2.21	102.93	2,296.01	-12,105.67	9,332.88	9,294.72	38.16	244.558		
8,100.00	6,840.00	6,905.97	6,905.32	69.91	2.21	102.81	2,296.05	-12,105.69	9,233.26	9,195.23	38.03	242.778		
8,200.00	6,840.00	6,904.25	6,903.60	72.03	2.21	102.69	2,296.10	-12,105.72	9,133.65	9,095.75	37.90	240.991		
8,300.00	6,840.00	6,902.53	6,901.88	74.18	2.21	102.57	2,296.14	-12,105.75	9,034.04	8,996.28	37.77	239.195		
8,400.00	6,840.00	6,900.81	6,900.17	76.37	2.21	102.45	2,296.19	-12,105.78	8,934.45	8,896.81	37.64	237.392		
8,500.00	6,840.00	6,899.09	6,898.45	78.59	2.21	102.33	2,296.24	-12,105.81	8,834.86	8,797.36	37.50	235.579		
8,600.00	6,840.00	6,897.37	6,896.73	80.85	2.21	102.21	2,296.28	-12,105.84	8,735.29	8,697.92	37.37	233.757		
8,700.00	6,840.00	6,895.65	6,895.01	83.13	2.20	102.09	2,296.33	-12,105.87	8,635.72	8,598.49	37.23	231.925		
8,800.00	6,840.00	6,893.93	6,893.29	85.44	2.20	101.97	2,296.38	-12,105.90	8,536.16	8,499.06	37.10	230.082		
8,900.00	6,840.00	6,892.21	6,891.57	87.77	2.20	101.85	2,296.42	-12,105.93	8,436.62	8,399.65	36.97	228.228		
9,000.00	6,840.00	6,890.49	6,889.85	90.12	2.20	101.73	2,296.47	-12,105.96	8,337.08	8,300.25	36.83	226.362		
9,100.00	6,840.00	6,888.77	6,888.13	92.50	2.20	101.61	2,296.51	-12,105.99	8,237.55	8,200.86	36.70	224.483		
9,200.00	6,840.00	6,887.05	6,886.42	94.89	2.20	101.49	2,296.56	-12,106.02	8,138.04	8,101.48	36.56	222.590		
9,300.00	6,840.00	6,885.33	6,884.70	97.30	2.20	101.37	2,296.61	-12,106.05	8,038.53	8,002.11	36.43	220.682		
9,400.00	6,840.00	6,883.61	6,882.98	99.73	2.20	101.25	2,296.65	-12,106.08	7,939.04	7,902.75	36.29	218.759		
9,500.00	6,840.00	6,881.89	6,881.26	102.17	2.20	101.13	2,296.70	-12,106.11	7,839.57	7,803.41	36.16	216.818		
9,600.00	6,840.00	6,880.17	6,879.54	104.63	2.19	101.00	2,296.74	-12,106.14	7,740.10	7,704.08	36.02	214.859		
9,700.00	6,840.00	6,878.45	6,877.82	107.10	2.19	100.88	2,296.79	-12,106.16	7,640.65	7,604.76	35.89	212.881		
9,800.00	6,840.00	6,876.73	6,876.10	109.58	2.19	100.76	2,296.84	-12,106.19	7,541.21	7,505.45	35.76	210.881		
9,900.00	6,840.00	6,875.01	6,874.38	112.07	2.19	100.64	2,296.88	-12,106.22	7,441.79	7,406.16	35.63	208.858		
10,000.00	6,840.00	6,873.29	6,872.67	114.58	2.19	100.52	2,296.93	-12,106.25	7,342.38	7,306.88	35.50	206.812		
10,100.00	6,840.00	6,871.57	6,870.95	117.09	2.19	100.40	2,296.97	-12,106.28	7,242.99	7,207.61	35.38	204.738		
10,200.00	6,840.00	6,869.85	6,869.23	119.61	2.19	100.28	2,297.02	-12,106.31	7,143.61	7,108.36	35.25	202.637		
10,300.00	6,840.00	6,868.13	6,867.51	122.14	2.19	100.16	2,297.07	-12,106.34	7,044.26	7,009.12	35.13	200.505		
10,400.00	6,840.00	6,866.41	6,865.79	124.68	2.19	100.04	2,297.11	-12,106.37	6,944.92	6,909.90	35.02	198.340		
10,500.00	6,840.00	6,864.69	6,864.07	127.23	2.18	99.91	2,297.16	-12,106.40	6,845.59	6,810.69	34.90	196.140		
10,600.00	6,840.00	6,862.97	6,862.35	129.78	2.18	99.79	2,297.20	-12,106.43	6,746.29	6,711.50	34.79	193.902		
10,700.00	6,840.00	6,861.26	6,860.63	132.35	2.18	99.67	2,297.25	-12,106.46	6,647.01	6,612.32	34.69	191.623		
10,800.00	6,840.00	6,859.54	6,858.92	134.91	2.18	99.55	2,297.30	-12,106.49	6,547.75	6,513.16	34.59	189.301		
10,900.00	6,840.00	6,857.82	6,857.20	137.49	2.18	99.43	2,297.34	-12,106.52	6,448.52	6,414.02	34.50	186.931		
11,000.00	6,840.00	6,856.10	6,855.48	140.07	2.18	99.31	2,297.39	-12,106.55	6,349.30	6,314.89	34.41	184.511		
11,100.00	6,840.00	6,854.38	6,853.76	142.65	2.18	99.18	2,297.43	-12,106.58	6,250.11	6,215.78	34.33	182.037		
11,200.00	6,840.00	6,852.66	6,852.04	145.24	2.18	99.06	2,297.48	-12,106.61	6,150.95	6,116.68	34.27	179.505		
11,300.00	6,840.00	6,850.94	6,850.32	147.83	2.18	98.94	2,297.53	-12,106.63	6,051.81	6,017.61	34.21	176.911		
11,400.00	6,840.00	6,849.22	6,848.60	150.43	2.17	98.82	2,297.57	-12,106.66	5,952.71	5,918.54	34.16	174.251		
11,500.00	6,840.00	6,847.50	6,846.88	153.04	2.17	98.70	2,297.62	-12,106.69	5,853.63	5,819.50	34.13	171.521		
11,600.00	6,840.00	6,845.78	6,845.17	155.64	2.17	98.57	2,297.66	-12,106.72	5,754.58	5,720.47	34.11	168.716		
11,700.00	6,840.00	6,844.06	6,843.45	158.26	2.17	98.45	2,297.71	-12,106.75	5,655.57	5,621.46	34.10	165.833		
11,800.00	6,840.00	6,842.34	6,841.73	160.87	2.17	98.33	2,297.76	-12,106.78	5,556.59	5,522.47	34.12	162.866		
11,900.00	6,840.00	6,840.62	6,840.01	163.49	2.17	98.21	2,297.80	-12,106.81	5,457.65	5,423.50	34.15	159.813		
12,000.00	6,840.00	6,838.90	6,838.29	166.11	2.17	98.08	2,297.85	-12,106.84	5,358.74	5,324.54	34.20	156.667		
12,100.00	6,840.00	6,837.18	6,836.57	168.74	2.17	97.96	2,297.89	-12,106.87	5,259.88	5,225.60	34.28	153.427		
12,200.00	6,840.00	6,835.46	6,834.85	171.37	2.17	97.84	2,297.94	-12,106.90	5,161.06	5,126.67	34.39	150.088		
12,300.00	6,840.00	6,833.74	6,833.13	174.00	2.16	97.72	2,297.99	-12,106.93	5,062.29	5,027.77	34.52	146.647		
12,400.00	6,840.00	6,832.02	6,831.42	176.63	2.16	97.59	2,298.03	-12,106.96	4,963.56	4,928.88	34.69	143.103		
12,500.00	6,840.00	6,830.30	6,829.70	179.27	2.16	97.47	2,298.08	-12,106.99	4,864.89	4,830.00	34.89	139.454		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,840.00	6,828.58	6,827.98	181.91	2.16	97.35	2,298.12	-12,107.02	4,766.27	4,731.15	35.12	135.699		
12,700.00	6,840.00	6,826.86	6,826.26	184.55	2.16	97.22	2,298.17	-12,107.05	4,667.71	4,632.31	35.40	131.839		
12,800.00	6,840.00	6,825.14	6,824.54	187.19	2.16	97.10	2,298.22	-12,107.08	4,569.21	4,533.48	35.73	127.876		
12,900.00	6,840.00	6,823.42	6,822.82	189.84	2.16	96.98	2,298.26	-12,107.10	4,470.78	4,434.67	36.11	123.813		
13,000.00	6,840.00	6,821.70	6,821.10	192.48	2.16	96.85	2,298.31	-12,107.13	4,372.42	4,335.88	36.54	119.655		
13,100.00	6,840.00	6,819.98	6,819.38	195.13	2.16	96.73	2,298.35	-12,107.16	4,274.13	4,237.10	37.03	115.409		
13,200.00	6,840.00	6,818.26	6,817.67	197.79	2.15	96.61	2,298.40	-12,107.19	4,175.92	4,138.33	37.59	111.083		
13,300.00	6,840.00	6,820.30	6,819.70	200.44	2.15	96.75	2,298.33	-12,107.15	4,077.80	4,039.61	38.19	106.775		
13,400.00	6,840.00	6,818.13	6,817.53	203.10	2.15	96.60	2,298.39	-12,107.19	3,979.77	3,940.87	38.90	102.306		
13,500.00	6,840.00	6,815.97	6,815.37	205.75	2.15	96.44	2,298.45	-12,107.23	3,881.84	3,842.15	39.69	97.793		
13,600.00	6,840.00	6,813.82	6,813.23	208.41	2.15	96.29	2,298.51	-12,107.27	3,784.03	3,743.45	40.58	93.251		
13,700.00	6,840.00	6,811.69	6,811.10	211.07	2.15	96.14	2,298.57	-12,107.30	3,686.32	3,644.76	41.56	88.693		
13,800.00	6,840.00	6,809.58	6,808.98	213.74	2.15	95.99	2,298.63	-12,107.34	3,588.75	3,546.10	42.65	84.139		
13,900.00	6,840.00	6,807.48	6,806.89	216.40	2.14	95.83	2,298.69	-12,107.38	3,491.31	3,447.45	43.86	79.604		
14,000.00	6,840.00	6,805.40	6,804.80	219.06	2.14	95.69	2,298.74	-12,107.41	3,394.01	3,348.83	45.19	75.108		
14,100.00	6,840.00	6,803.33	6,802.73	221.73	2.14	95.54	2,298.80	-12,107.45	3,296.88	3,250.23	46.65	70.666		
14,200.00	6,840.00	6,801.27	6,800.68	224.40	2.14	95.39	2,298.86	-12,107.48	3,199.93	3,151.66	48.27	66.296		
14,300.00	6,840.00	6,799.23	6,798.64	227.07	2.14	95.24	2,298.91	-12,107.52	3,103.16	3,053.12	50.04	62.016		
14,400.00	6,840.00	6,797.20	6,796.61	229.74	2.14	95.10	2,298.96	-12,107.55	3,006.61	2,954.63	51.98	57.839		
14,500.00	6,840.00	6,795.19	6,794.60	232.41	2.14	94.95	2,299.02	-12,107.59	2,910.29	2,856.17	54.11	53.781		
14,600.00	6,840.00	6,793.19	6,792.60	235.08	2.14	94.81	2,299.07	-12,107.62	2,814.22	2,757.77	56.45	49.854		
14,700.00	6,840.00	6,791.20	6,790.61	237.75	2.14	94.66	2,299.12	-12,107.65	2,718.44	2,659.43	59.01	46.069		
14,800.00	6,840.00	6,789.23	6,788.64	240.43	2.14	94.52	2,299.17	-12,107.69	2,622.97	2,561.15	61.81	42.436		
14,900.00	6,840.00	6,787.27	6,786.68	243.10	2.14	94.38	2,299.22	-12,107.72	2,527.84	2,462.96	64.88	38.962		
15,000.00	6,840.00	6,785.32	6,784.74	245.78	2.14	94.24	2,299.27	-12,107.75	2,433.11	2,364.87	68.24	35.653		
15,100.00	6,840.00	6,783.39	6,782.81	248.46	2.14	94.10	2,299.32	-12,107.78	2,338.82	2,266.88	71.93	32.514		
15,200.00	6,840.00	6,781.47	6,780.89	251.14	2.14	93.96	2,299.37	-12,107.82	2,245.01	2,169.04	75.98	29.548		
15,300.00	6,840.00	6,779.56	6,778.98	253.82	2.14	93.83	2,299.42	-12,107.85	2,151.77	2,071.35	80.42	26.756		
15,400.00	6,840.00	6,777.67	6,777.09	256.50	2.13	93.69	2,299.47	-12,107.88	2,059.16	1,973.85	85.31	24.138		
15,500.00	6,840.00	6,775.78	6,775.21	259.18	2.13	93.55	2,299.51	-12,107.91	1,967.26	1,876.58	90.69	21.693		
15,600.00	6,840.00	6,773.91	6,773.34	261.86	2.13	93.42	2,299.56	-12,107.94	1,876.20	1,779.59	96.61	19.420		
15,700.00	6,840.00	6,772.06	6,771.48	264.54	2.13	93.28	2,299.60	-12,107.97	1,786.09	1,682.94	103.16	17.314		
15,800.00	6,840.00	6,770.21	6,769.64	267.23	2.13	93.15	2,299.65	-12,108.00	1,697.09	1,586.70	110.39	15.373		
15,900.00	6,840.00	6,768.38	6,767.80	269.91	2.13	93.02	2,299.69	-12,108.03	1,609.38	1,490.98	118.40	13.593		
16,000.00	6,840.00	6,766.56	6,765.98	272.59	2.13	92.89	2,299.74	-12,108.06	1,523.18	1,395.91	127.27	11.968		
16,100.00	6,840.00	6,764.75	6,764.17	275.28	2.13	92.76	2,299.78	-12,108.09	1,438.77	1,301.66	137.10	10.494		
16,200.00	6,840.00	6,762.95	6,762.38	277.97	2.13	92.63	2,299.82	-12,108.12	1,356.47	1,208.47	148.00	9.165		
16,300.00	6,840.00	6,761.16	6,760.59	280.65	2.13	92.50	2,299.86	-12,108.15	1,276.70	1,116.64	160.06	7.976		
16,400.00	6,840.00	6,759.39	6,758.82	283.34	2.13	92.37	2,299.91	-12,108.17	1,199.97	1,026.61	173.36	6.922		
16,500.00	6,840.00	6,757.63	6,757.06	286.03	2.13	92.24	2,299.95	-12,108.20	1,126.89	938.94	187.94	5.996		
16,600.00	6,840.00	6,755.88	6,755.30	288.72	2.13	92.12	2,299.99	-12,108.23	1,058.21	854.44	203.77	5.193		
16,700.00	6,840.00	6,754.13	6,753.57	291.41	2.13	91.99	2,300.03	-12,108.26	994.86	774.17	220.69	4.508		
16,800.00	6,840.00	6,752.40	6,751.84	294.10	2.13	91.87	2,300.07	-12,108.29	937.92	699.56	238.35	3.935		
16,900.00	6,840.00	6,750.69	6,750.12	296.79	2.13	91.74	2,300.11	-12,108.31	888.60	632.44	256.17	3.469		
17,000.00	6,840.00	6,748.98	6,748.41	299.48	2.13	91.62	2,300.14	-12,108.34	848.25	575.01	273.24	3.104		
17,100.00	6,840.00	6,747.28	6,746.71	302.17	2.12	91.50	2,300.18	-12,108.37	818.20	529.76	288.44	2.837		
17,200.00	6,840.00	6,745.60	6,745.03	304.86	2.12	91.37	2,300.22	-12,108.39	799.60	499.08	300.52	2.661		
17,300.00	6,840.00	6,743.92	6,743.35	307.56	2.12	91.25	2,300.26	-12,108.42	793.26	484.83	308.43	2.572		
17,300.49	6,840.00	6,743.91	6,743.35	307.57	2.12	91.25	2,300.26	-12,108.42	793.26	484.81	308.45	2.572 CC, ES		
17,400.00	6,840.00	6,742.25	6,741.69	310.25	2.12	91.13	2,300.29	-12,108.44	799.48	487.89	311.59	2.566 SF		
17,500.00	6,840.00	6,740.60	6,740.03	312.94	2.12	91.01	2,300.33	-12,108.47	817.96	507.89	310.07	2.638		
17,600.00	6,840.00	6,738.95	6,738.39	315.64	2.12	90.89	2,300.36	-12,108.49	847.91	543.38	304.53	2.784		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT BOHLENDER 2 GYRO - OWB - GYRO													<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 100-GYD_CT													<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,700.00	6,840.00	6,737.32	6,736.76	318.33	2.12	90.78	2,300.40	-12,108.52	888.16	592.19	295.97	3.001		
17,800.00	6,840.00	6,735.70	6,735.13	321.03	2.12	90.66	2,300.43	-12,108.54	937.39	651.93	285.46	3.284		
17,900.00	6,840.00	6,734.08	6,733.52	323.72	2.12	90.54	2,300.47	-12,108.57	994.28	720.33	273.95	3.629		
18,000.00	6,840.00	6,732.48	6,731.91	326.42	2.12	90.43	2,300.50	-12,108.59	1,057.57	795.43	262.14	4.034		
18,100.00	6,840.00	6,730.88	6,730.32	329.11	2.12	90.31	2,300.53	-12,108.62	1,126.20	875.68	250.52	4.495		
18,200.00	6,840.00	6,729.30	6,728.74	331.81	2.12	90.20	2,300.57	-12,108.64	1,199.24	959.85	239.39	5.010		
18,300.00	6,840.00	6,727.72	6,727.16	334.51	2.12	90.08	2,300.60	-12,108.66	1,275.94	1,047.02	228.92	5.574		
18,400.00	6,840.00	6,726.15	6,725.60	337.20	2.12	89.97	2,300.63	-12,108.69	1,355.68	1,136.51	219.18	6.185		
18,500.00	6,840.00	6,724.60	6,724.04	339.90	2.12	89.86	2,300.66	-12,108.71	1,437.96	1,227.78	210.18	6.842		
18,600.00	6,840.00	6,723.05	6,722.49	342.60	2.12	89.75	2,300.69	-12,108.73	1,522.36	1,320.46	201.89	7.540		
18,700.00	6,840.00	6,721.51	6,720.96	345.30	2.12	89.64	2,300.73	-12,108.76	1,608.54	1,414.25	194.29	8.279		
18,800.00	6,840.00	6,719.98	6,719.43	348.00	2.12	89.53	2,300.76	-12,108.78	1,696.24	1,508.93	187.31	9.056		
18,900.00	6,840.00	6,718.47	6,717.91	350.70	2.12	89.42	2,300.79	-12,108.80	1,785.23	1,604.33	180.91	9.868		
19,000.00	6,840.00	6,716.95	6,716.40	353.39	2.11	89.31	2,300.82	-12,108.82	1,875.34	1,700.31	175.03	10.714		
19,100.00	6,840.00	6,715.45	6,714.90	356.09	2.11	89.20	2,300.85	-12,108.85	1,966.39	1,796.77	169.62	11.593		
19,200.00	6,840.00	6,713.96	6,713.40	358.79	2.11	89.09	2,300.87	-12,108.87	2,058.28	1,893.64	164.64	12.502		
19,300.00	6,840.00	6,712.48	6,711.92	361.49	2.11	88.98	2,300.90	-12,108.89	2,150.89	1,990.84	160.05	13.439		
19,400.00	6,840.00	6,711.00	6,710.45	364.20	2.11	88.88	2,300.93	-12,108.91	2,244.13	2,088.33	155.80	14.404		
19,500.00	6,840.00	6,709.53	6,708.98	366.90	2.11	88.77	2,300.96	-12,108.93	2,337.93	2,186.06	151.87	15.394		
19,600.00	6,840.00	6,708.08	6,707.52	369.60	2.11	88.67	2,300.99	-12,108.95	2,432.23	2,284.00	148.22	16.409		
19,700.00	6,840.00	6,706.63	6,706.07	372.30	2.11	88.56	2,301.01	-12,108.97	2,526.96	2,382.12	144.84	17.447		
19,800.00	6,840.00	6,705.19	6,704.63	375.00	2.11	88.46	2,301.04	-12,108.99	2,622.08	2,480.40	141.68	18.507		
19,900.00	6,840.00	6,703.75	6,703.20	377.70	2.11	88.35	2,301.07	-12,109.02	2,717.55	2,578.81	138.74	19.588		
20,000.00	6,840.00	6,702.33	6,701.78	380.40	2.11	88.25	2,301.09	-12,109.04	2,813.34	2,677.35	135.99	20.688		
20,100.00	6,840.00	6,700.91	6,700.36	383.11	2.11	88.15	2,301.12	-12,109.06	2,909.41	2,775.99	133.42	21.807		
20,200.00	6,840.00	6,700.00	6,699.45	385.81	2.11	88.08	2,301.14	-12,109.07	3,005.73	2,874.72	131.01	22.943		
20,300.00	6,840.00	6,700.00	6,699.45	388.51	2.11	88.08	2,301.14	-12,109.07	3,102.29	2,973.54	128.75	24.096		
20,400.00	6,840.00	6,700.00	6,699.45	391.22	2.11	88.08	2,301.14	-12,109.07	3,199.06	3,072.43	126.62	25.265		
20,500.00	6,840.00	6,700.00	6,699.45	393.92	2.11	88.08	2,301.14	-12,109.07	3,296.02	3,171.40	124.62	26.448		
20,539.70	6,840.00	6,695.88	6,695.33	394.99	2.11	87.79	2,301.21	-12,109.13	3,334.55	3,210.70	123.85	26.923		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,500.00	3,312.56	3,185.56	3,185.56	21.59	54.64	-34.81	1,073.03	-10,772.50	9,992.19	9,921.61	70.58	141.580		
3,600.00	3,404.08	3,277.08	3,277.08	22.42	56.24	-34.94	1,073.03	-10,772.50	9,958.21	9,885.46	72.75	136.889		
3,700.00	3,495.60	3,368.60	3,368.60	23.24	57.83	-35.07	1,073.03	-10,772.50	9,924.28	9,849.36	74.92	132.466		
3,800.00	3,587.12	3,460.12	3,460.12	24.06	59.43	-35.20	1,073.03	-10,772.50	9,890.39	9,813.30	77.10	128.288		
3,900.00	3,678.63	3,551.63	3,551.63	24.88	61.03	-35.33	1,073.03	-10,772.50	9,856.56	9,777.28	79.27	124.336		
4,000.00	3,770.15	3,643.15	3,643.15	25.71	62.63	-35.46	1,073.03	-10,772.50	9,822.77	9,741.31	81.45	120.592		
4,100.00	3,861.67	3,734.67	3,734.67	26.53	64.22	-35.59	1,073.03	-10,772.50	9,789.03	9,705.39	83.64	117.040		
4,200.00	3,953.19	3,826.19	3,826.19	27.35	65.82	-35.73	1,073.03	-10,772.50	9,755.34	9,669.52	85.82	113.666		
4,300.00	4,044.71	3,917.71	3,917.71	28.18	67.42	-35.86	1,073.03	-10,772.50	9,721.70	9,633.69	88.01	110.458		
4,400.00	4,136.23	4,009.23	4,009.23	29.01	69.01	-36.00	1,073.03	-10,772.50	9,688.12	9,597.91	90.20	107.402		
4,500.00	4,227.75	4,100.75	4,100.75	29.83	70.61	-36.13	1,073.03	-10,772.50	9,654.58	9,562.18	92.40	104.489		
4,600.00	4,319.27	4,207.74	4,192.27	30.66	72.48	-36.27	1,073.03	-10,772.50	9,621.09	9,526.23	94.86	101.420		
4,700.00	4,410.78	4,283.78	4,283.78	31.48	73.81	-36.41	1,073.03	-10,772.50	9,587.66	9,490.87	96.79	99.053		
4,800.00	4,502.30	4,375.30	4,375.30	32.31	75.40	-36.55	1,073.03	-10,772.50	9,554.28	9,455.29	98.99	96.514		
4,900.00	4,593.82	4,466.82	4,466.82	33.14	77.00	-36.69	1,073.03	-10,772.50	9,520.96	9,419.76	101.20	94.082		
5,000.00	4,685.34	4,558.34	4,558.34	33.96	78.60	-36.83	1,073.03	-10,772.50	9,487.69	9,384.28	103.40	91.753		
5,100.00	4,776.86	4,649.86	4,649.86	34.79	80.20	-36.97	1,073.03	-10,772.50	9,454.47	9,348.86	105.61	89.520		
5,200.00	4,868.38	4,741.38	4,741.38	35.62	81.79	-37.12	1,073.03	-10,772.50	9,421.31	9,313.49	107.82	87.376		
5,300.00	4,959.90	4,832.90	4,832.90	36.45	83.39	-37.26	1,073.03	-10,772.50	9,388.21	9,278.17	110.04	85.318		
5,400.00	5,051.41	4,924.41	4,924.41	37.27	84.99	-37.41	1,073.03	-10,772.50	9,355.16	9,242.90	112.25	83.339		
5,500.00	5,142.93	5,015.93	5,015.93	38.10	86.58	-37.55	1,073.03	-10,772.50	9,322.17	9,207.69	114.47	81.435		
5,600.00	5,234.45	5,107.45	5,107.45	38.93	88.18	-37.70	1,073.03	-10,772.50	9,289.23	9,172.54	116.70	79.602		
5,700.00	5,325.97	5,201.03	5,198.97	39.76	89.82	-37.85	1,073.03	-10,772.50	9,256.36	9,137.40	118.96	77.814		
5,800.00	5,417.49	5,309.51	5,290.49	40.59	91.71	-37.99	1,073.03	-10,772.50	9,223.54	9,102.06	121.48	75.927		
5,900.00	5,509.01	5,382.01	5,382.01	41.42	92.97	-38.14	1,073.03	-10,772.50	9,190.79	9,067.41	123.38	74.994		
6,000.00	5,600.53	5,473.53	5,473.53	42.25	94.57	-38.30	1,073.03	-10,772.50	9,158.09	9,032.48	125.61	72.910		
6,100.00	5,692.04	5,565.04	5,565.04	43.07	96.17	-38.45	1,073.03	-10,772.50	9,125.45	8,997.61	127.84	71.380		
6,200.00	5,783.56	5,656.56	5,656.56	43.90	97.77	-38.60	1,073.03	-10,772.50	9,092.88	8,962.80	130.08	69.902		
6,300.00	5,875.08	5,748.08	5,748.08	44.73	99.36	-38.75	1,073.03	-10,772.50	9,060.37	8,928.05	132.32	68.473		
6,400.00	5,966.60	5,839.60	5,839.60	45.56	100.96	-38.91	1,073.03	-10,772.50	9,027.92	8,893.35	134.56	67.091		
6,500.00	6,058.12	5,931.12	5,931.12	46.39	102.56	-39.06	1,073.03	-10,772.50	8,995.53	8,858.72	136.81	65.753		
6,600.00	6,149.64	6,022.64	6,022.64	47.22	104.15	-39.22	1,073.03	-10,772.50	8,963.21	8,824.15	139.06	64.457		
6,700.00	6,241.16	6,114.16	6,114.16	48.05	105.75	-39.38	1,073.03	-10,772.50	8,930.95	8,789.65	141.31	63.202		
6,800.00	6,332.68	6,205.68	6,205.68	48.88	107.35	-39.54	1,073.03	-10,772.50	8,898.76	8,755.20	143.56	61.986		
6,900.00	6,424.19	6,302.81	6,297.19	49.71	109.04	-39.70	1,073.03	-10,772.50	8,866.64	8,720.72	145.92	60.766		
7,000.00	6,514.88	6,387.88	6,387.88	50.58	110.53	-33.82	1,073.03	-10,772.50	8,832.33	8,684.26	148.07	59.651		
7,100.00	6,599.14	6,472.14	6,472.14	51.67	112.00	-26.91	1,073.03	-10,772.50	8,784.06	8,633.83	150.23	58.472		
7,200.00	6,673.85	6,546.85	6,546.85	53.01	113.30	-23.29	1,073.03	-10,772.50	8,721.41	8,569.22	152.20	57.303		
7,300.00	6,736.73	6,609.73	6,609.73	54.56	114.40	-21.67	1,073.03	-10,772.50	8,646.28	8,492.37	153.91	56.178		
7,400.00	6,785.87	6,658.87	6,658.87	56.29	115.26	-21.77	1,073.03	-10,772.50	8,560.92	8,405.63	155.29	55.129		
7,500.00	6,819.79	6,707.21	6,692.79	58.13	116.10	-24.59	1,073.03	-10,772.50	8,467.91	8,311.37	156.53	54.096		
7,600.00	6,837.44	6,710.44	6,710.44	60.02	116.16	-38.86	1,073.03	-10,772.50	8,370.06	8,213.20	156.86	53.360		
7,700.00	6,840.00	6,713.00	6,713.00	61.90	116.20	-90.00	1,073.03	-10,772.50	8,270.31	8,113.27	157.04	52.662		
7,800.00	6,840.00	6,713.00	6,713.00	63.83	116.20	-90.00	1,073.03	-10,772.50	8,170.45	8,013.28	157.17	51.986		
7,900.00	6,840.00	6,713.00	6,713.00	65.81	116.20	-90.00	1,073.03	-10,772.50	8,070.59	7,913.29	157.29	51.310		
8,000.00	6,840.00	6,713.00	6,713.00	67.84	116.20	-90.00	1,073.03	-10,772.50	7,970.73	7,813.31	157.42	50.633		
8,100.00	6,840.00	6,713.00	6,713.00	69.91	116.20	-90.00	1,073.03	-10,772.50	7,870.88	7,713.32	157.55	49.957		
8,200.00	6,840.00	6,713.00	6,713.00	72.03	116.20	-90.00	1,073.03	-10,772.50	7,771.03	7,613.34	157.69	49.281		
8,300.00	6,840.00	6,713.00	6,713.00	74.18	116.20	-90.00	1,073.03	-10,772.50	7,671.18	7,513.35	157.83	48.604		
8,400.00	6,840.00	6,713.00	6,713.00	76.37	116.20	-90.00	1,073.03	-10,772.50	7,571.34	7,413.36	157.97	47.928		
8,500.00	6,840.00	6,713.00	6,713.00	78.59	116.20	-90.00	1,073.03	-10,772.50	7,471.50	7,313.38	158.12	47.251		
8,600.00	6,840.00	6,713.00	6,713.00	80.85	116.20	-90.00	1,073.03	-10,772.50	7,371.67	7,213.39	158.28	46.575		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,700.00	6,840.00	6,713.00	6,713.00	83.13	116.20	-90.00	1,073.03	-10,772.50	7,271.84	7,113.40	158.43	45.898		
8,800.00	6,840.00	6,713.00	6,713.00	85.44	116.20	-90.00	1,073.03	-10,772.50	7,172.01	7,013.42	158.60	45.221		
8,900.00	6,840.00	6,713.00	6,713.00	87.77	116.20	-90.00	1,073.03	-10,772.50	7,072.19	6,913.43	158.77	44.545		
9,000.00	6,840.00	6,713.00	6,713.00	90.12	116.20	-90.00	1,073.03	-10,772.50	6,972.38	6,813.44	158.94	43.868		
9,100.00	6,840.00	6,713.00	6,713.00	92.50	116.20	-90.00	1,073.03	-10,772.50	6,872.57	6,713.45	159.12	43.192		
9,200.00	6,840.00	6,713.00	6,713.00	94.89	116.20	-90.00	1,073.03	-10,772.50	6,772.77	6,613.47	159.30	42.515		
9,300.00	6,840.00	6,713.00	6,713.00	97.30	116.20	-90.00	1,073.03	-10,772.50	6,672.97	6,513.48	159.49	41.839		
9,400.00	6,840.00	6,713.00	6,713.00	99.73	116.20	-90.00	1,073.03	-10,772.50	6,573.18	6,413.49	159.69	41.162		
9,500.00	6,840.00	6,713.00	6,713.00	102.17	116.20	-90.00	1,073.03	-10,772.50	6,473.40	6,313.50	159.89	40.486		
9,600.00	6,840.00	6,713.00	6,713.00	104.63	116.20	-90.00	1,073.03	-10,772.50	6,373.62	6,213.52	160.10	39.809		
9,700.00	6,840.00	6,713.00	6,713.00	107.10	116.20	-90.00	1,073.03	-10,772.50	6,273.85	6,113.53	160.32	39.133		
9,800.00	6,840.00	6,713.00	6,713.00	109.58	116.20	-90.00	1,073.03	-10,772.50	6,174.09	6,013.54	160.55	38.456		
9,900.00	6,840.00	6,713.00	6,713.00	112.07	116.20	-90.00	1,073.03	-10,772.50	6,074.33	5,913.55	160.78	37.780		
10,000.00	6,840.00	6,713.00	6,713.00	114.58	116.20	-90.00	1,073.03	-10,772.50	5,974.58	5,813.56	161.02	37.104		
10,100.00	6,840.00	6,713.00	6,713.00	117.09	116.20	-90.00	1,073.03	-10,772.50	5,874.85	5,713.57	161.27	36.428		
10,200.00	6,840.00	6,713.00	6,713.00	119.61	116.20	-90.00	1,073.03	-10,772.50	5,775.12	5,613.59	161.53	35.752		
10,300.00	6,840.00	6,713.00	6,713.00	122.14	116.20	-90.00	1,073.03	-10,772.50	5,675.40	5,513.60	161.80	35.076		
10,400.00	6,840.00	6,713.00	6,713.00	124.68	116.20	-90.00	1,073.03	-10,772.50	5,575.69	5,413.61	162.08	34.401		
10,500.00	6,840.00	6,713.00	6,713.00	127.23	116.20	-90.00	1,073.03	-10,772.50	5,475.99	5,313.62	162.37	33.725		
10,600.00	6,840.00	6,713.00	6,713.00	129.78	116.20	-90.00	1,073.03	-10,772.50	5,376.30	5,213.63	162.67	33.050		
10,700.00	6,840.00	6,713.00	6,713.00	132.35	116.20	-90.00	1,073.03	-10,772.50	5,276.62	5,113.64	162.99	32.375		
10,800.00	6,840.00	6,713.00	6,713.00	134.91	116.20	-90.00	1,073.03	-10,772.50	5,176.96	5,013.65	163.31	31.700		
10,900.00	6,840.00	6,713.00	6,713.00	137.49	116.20	-90.00	1,073.03	-10,772.50	5,077.31	4,913.66	163.65	31.025		
11,000.00	6,840.00	6,713.00	6,713.00	140.07	116.20	-90.00	1,073.03	-10,772.50	4,977.67	4,813.67	164.01	30.350		
11,100.00	6,840.00	6,713.00	6,713.00	142.65	116.20	-90.00	1,073.03	-10,772.50	4,878.05	4,713.67	164.38	29.676		
11,200.00	6,840.00	6,713.00	6,713.00	145.24	116.20	-90.00	1,073.03	-10,772.50	4,778.45	4,613.68	164.76	29.002		
11,300.00	6,840.00	6,713.00	6,713.00	147.83	116.20	-90.00	1,073.03	-10,772.50	4,678.86	4,513.69	165.17	28.328		
11,400.00	6,840.00	6,713.00	6,713.00	150.43	116.20	-90.00	1,073.03	-10,772.50	4,579.29	4,413.69	165.59	27.654		
11,500.00	6,840.00	6,713.00	6,713.00	153.04	116.20	-90.00	1,073.03	-10,772.50	4,479.73	4,313.70	166.03	26.981		
11,600.00	6,840.00	6,713.00	6,713.00	155.64	116.20	-90.00	1,073.03	-10,772.50	4,380.20	4,213.70	166.50	26.308		
11,700.00	6,840.00	6,713.00	6,713.00	158.26	116.20	-90.00	1,073.03	-10,772.50	4,280.69	4,113.71	166.99	25.635		
11,800.00	6,840.00	6,713.00	6,713.00	160.87	116.20	-90.00	1,073.03	-10,772.50	4,181.21	4,013.71	167.50	24.963		
11,900.00	6,840.00	6,713.00	6,713.00	163.49	116.20	-90.00	1,073.03	-10,772.50	4,081.75	3,913.71	168.04	24.291		
12,000.00	6,840.00	6,713.00	6,713.00	166.11	116.20	-90.00	1,073.03	-10,772.50	3,982.31	3,813.71	168.61	23.619		
12,100.00	6,840.00	6,713.00	6,713.00	168.74	116.20	-90.00	1,073.03	-10,772.50	3,882.91	3,713.70	169.20	22.948		
12,200.00	6,840.00	6,713.00	6,713.00	171.37	116.20	-90.00	1,073.03	-10,772.50	3,783.53	3,613.70	169.84	22.277		
12,300.00	6,840.00	6,713.00	6,713.00	174.00	116.20	-90.00	1,073.03	-10,772.50	3,684.19	3,513.69	170.51	21.607		
12,400.00	6,840.00	6,713.00	6,713.00	176.63	116.20	-90.00	1,073.03	-10,772.50	3,584.89	3,413.68	171.22	20.938		
12,500.00	6,840.00	6,713.00	6,713.00	179.27	116.20	-90.00	1,073.03	-10,772.50	3,485.63	3,313.66	171.97	20.269		
12,600.00	6,840.00	6,713.00	6,713.00	181.91	116.20	-90.00	1,073.03	-10,772.50	3,386.41	3,213.64	172.77	19.601		
12,700.00	6,840.00	6,713.00	6,713.00	184.55	116.20	-90.00	1,073.03	-10,772.50	3,287.23	3,113.62	173.62	18.934		
12,800.00	6,840.00	6,713.00	6,713.00	187.19	116.20	-90.00	1,073.03	-10,772.50	3,188.11	3,013.59	174.52	18.267		
12,900.00	6,840.00	6,713.00	6,713.00	189.84	116.20	-90.00	1,073.03	-10,772.50	3,089.05	2,913.55	175.49	17.602		
13,000.00	6,840.00	6,713.00	6,713.00	192.48	116.20	-90.00	1,073.03	-10,772.50	2,990.05	2,813.51	176.53	16.938		
13,100.00	6,840.00	6,713.00	6,713.00	195.13	116.20	-90.00	1,073.03	-10,772.50	2,891.11	2,713.47	177.65	16.274		
13,200.00	6,840.00	6,713.00	6,713.00	197.79	116.20	-90.00	1,073.03	-10,772.50	2,792.26	2,613.41	178.85	15.613		
13,300.00	6,840.00	6,713.00	6,713.00	200.44	116.20	-90.00	1,073.03	-10,772.50	2,693.48	2,513.35	180.14	14.952		
13,400.00	6,840.00	6,713.00	6,713.00	203.10	116.20	-90.00	1,073.03	-10,772.50	2,594.80	2,413.27	181.53	14.294		
13,500.00	6,840.00	6,713.00	6,713.00	205.75	116.20	-90.00	1,073.03	-10,772.50	2,496.23	2,313.18	183.05	13.637		
13,600.00	6,840.00	6,713.00	6,713.00	208.41	116.20	-90.00	1,073.03	-10,772.50	2,397.78	2,213.08	184.69	12.982		
13,700.00	6,840.00	6,713.00	6,713.00	211.07	116.20	-90.00	1,073.03	-10,772.50	2,299.45	2,112.96	186.49	12.330		
13,800.00	6,840.00	6,713.00	6,713.00	213.74	116.20	-90.00	1,073.03	-10,772.50	2,201.28	2,012.83	188.45	11.681		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,900.00	6,840.00	6,713.00	6,713.00	216.40	116.20	-90.00	1,073.03	-10,772.50	2,103.28	1,912.68	190.61	11.035		
14,000.00	6,840.00	6,713.00	6,713.00	219.06	116.20	-90.00	1,073.03	-10,772.50	2,005.48	1,812.50	192.98	10.392		
14,100.00	6,840.00	6,713.00	6,713.00	221.73	116.20	-90.00	1,073.03	-10,772.50	1,907.91	1,712.30	195.61	9.754		
14,200.00	6,840.00	6,713.00	6,713.00	224.40	116.20	-90.00	1,073.03	-10,772.50	1,810.60	1,612.07	198.53	9.120		
14,300.00	6,840.00	6,713.00	6,713.00	227.07	116.20	-90.00	1,073.03	-10,772.50	1,713.60	1,511.81	201.79	8.492		
14,400.00	6,840.00	6,713.00	6,713.00	229.74	116.20	-90.00	1,073.03	-10,772.50	1,616.97	1,411.52	205.44	7.871		
14,500.00	6,840.00	6,713.00	6,713.00	232.41	116.20	-90.00	1,073.03	-10,772.50	1,520.77	1,311.20	209.57	7.257		
14,600.00	6,840.00	6,713.00	6,713.00	235.08	116.20	-90.00	1,073.03	-10,772.50	1,425.10	1,210.84	214.25	6.651		
14,700.00	6,840.00	6,713.00	6,713.00	237.75	116.20	-90.00	1,073.03	-10,772.50	1,330.06	1,110.46	219.60	6.057		
14,800.00	6,840.00	6,713.00	6,713.00	240.43	116.20	-90.00	1,073.03	-10,772.50	1,235.81	1,010.06	225.74	5.474		
14,900.00	6,840.00	6,713.00	6,713.00	243.10	116.20	-90.00	1,073.03	-10,772.50	1,142.53	909.68	232.85	4.907		
15,000.00	6,840.00	6,713.00	6,713.00	245.78	116.20	-90.00	1,073.03	-10,772.50	1,050.49	809.35	241.14	4.356		
15,100.00	6,840.00	6,713.00	6,713.00	248.46	116.20	-90.00	1,073.03	-10,772.50	960.05	709.17	250.87	3.827		
15,200.00	6,840.00	6,713.00	6,713.00	251.14	116.20	-90.00	1,073.03	-10,772.50	871.69	609.34	262.35	3.323		
15,300.00	6,840.00	6,713.00	6,713.00	253.82	116.20	-90.00	1,073.03	-10,772.50	786.13	510.18	275.95	2.849		
15,400.00	6,840.00	6,713.00	6,713.00	256.50	116.20	-90.00	1,073.03	-10,772.50	704.39	412.35	292.03	2.412		
15,500.00	6,840.00	6,713.00	6,713.00	259.18	116.20	-90.00	1,073.03	-10,772.50	627.95	317.13	310.81	2.020		
15,600.00	6,840.00	6,713.00	6,713.00	261.86	116.20	-90.00	1,073.03	-10,772.50	558.99	226.96	332.03	1.684		
15,700.00	6,840.00	6,713.00	6,713.00	264.54	116.20	-90.00	1,073.03	-10,772.50	500.63	146.37	354.27	1.413	Level 3	
15,800.00	6,840.00	6,713.00	6,713.00	267.23	116.20	-90.00	1,073.03	-10,772.50	456.93	82.89	374.04	1.222	Level 2	
15,900.00	6,840.00	6,713.00	6,713.00	269.91	116.20	-90.00	1,073.03	-10,772.50	432.37	46.60	385.77	1.121	Level 2	
15,959.21	6,840.00	6,713.00	6,713.00	271.50	116.20	-90.00	1,073.03	-10,772.50	428.30	41.59	386.71	1.108	Level 2, CC, ES, SF	
16,000.00	6,840.00	6,713.00	6,713.00	272.59	116.20	-90.00	1,073.03	-10,772.50	430.24	45.80	384.43	1.119	Level 2	
16,100.00	6,840.00	6,713.00	6,713.00	275.28	116.20	-90.00	1,073.03	-10,772.50	450.84	80.98	369.87	1.219	Level 2	
16,200.00	6,840.00	6,713.00	6,713.00	277.97	116.20	-90.00	1,073.03	-10,772.50	491.34	144.26	347.08	1.416	Level 3	
16,300.00	6,840.00	6,713.00	6,713.00	280.65	116.20	-90.00	1,073.03	-10,772.50	547.33	225.33	322.00	1.700		
16,400.00	6,840.00	6,713.00	6,713.00	283.34	116.20	-90.00	1,073.03	-10,772.50	614.60	316.22	298.38	2.060		
16,500.00	6,840.00	6,713.00	6,713.00	286.03	116.20	-90.00	1,073.03	-10,772.50	689.85	412.13	277.72	2.484		
16,600.00	6,840.00	6,713.00	6,713.00	288.72	116.20	-90.00	1,073.03	-10,772.50	770.74	510.51	260.24	2.962		
16,700.00	6,840.00	6,713.00	6,713.00	291.41	116.20	-90.00	1,073.03	-10,772.50	855.69	610.07	245.62	3.484		
16,800.00	6,840.00	6,713.00	6,713.00	294.10	116.20	-90.00	1,073.03	-10,772.50	943.59	710.17	233.42	4.043		
16,900.00	6,840.00	6,713.00	6,713.00	296.79	116.20	-90.00	1,073.03	-10,772.50	1,033.69	810.49	223.20	4.631		
17,000.00	6,840.00	6,713.00	6,713.00	299.48	116.20	-90.00	1,073.03	-10,772.50	1,125.47	910.86	214.61	5.244		
17,100.00	6,840.00	6,713.00	6,713.00	302.17	116.20	-90.00	1,073.03	-10,772.50	1,218.54	1,011.20	207.33	5.877		
17,200.00	6,840.00	6,713.00	6,713.00	304.86	116.20	-90.00	1,073.03	-10,772.50	1,312.63	1,111.50	201.13	6.526		
17,300.00	6,840.00	6,713.00	6,713.00	307.56	116.20	-90.00	1,073.03	-10,772.50	1,407.53	1,211.72	195.82	7.188		
17,400.00	6,840.00	6,713.00	6,713.00	310.25	116.20	-90.00	1,073.03	-10,772.50	1,503.10	1,311.86	191.24	7.860		
17,500.00	6,840.00	6,713.00	6,713.00	312.94	116.20	-90.00	1,073.03	-10,772.50	1,599.21	1,411.94	187.27	8.540		
17,600.00	6,840.00	6,713.00	6,713.00	315.64	116.20	-90.00	1,073.03	-10,772.50	1,695.77	1,511.95	183.82	9.225		
17,700.00	6,840.00	6,713.00	6,713.00	318.33	116.20	-90.00	1,073.03	-10,772.50	1,792.70	1,611.90	180.80	9.915		
17,800.00	6,840.00	6,713.00	6,713.00	321.03	116.20	-90.00	1,073.03	-10,772.50	1,889.96	1,711.80	178.15	10.609		
17,900.00	6,840.00	6,713.00	6,713.00	323.72	116.20	-90.00	1,073.03	-10,772.50	1,987.48	1,811.66	175.83	11.304		
18,000.00	6,840.00	6,713.00	6,713.00	326.42	116.20	-90.00	1,073.03	-10,772.50	2,085.25	1,911.47	173.77	12.000		
18,100.00	6,840.00	6,713.00	6,713.00	329.11	116.20	-90.00	1,073.03	-10,772.50	2,183.21	2,011.25	171.96	12.696		
18,200.00	6,840.00	6,713.00	6,713.00	331.81	116.20	-90.00	1,073.03	-10,772.50	2,281.35	2,111.01	170.35	13.392		
18,300.00	6,840.00	6,713.00	6,713.00	334.51	116.20	-90.00	1,073.03	-10,772.50	2,379.65	2,210.73	168.92	14.088		
18,400.00	6,840.00	6,713.00	6,713.00	337.20	116.20	-90.00	1,073.03	-10,772.50	2,478.08	2,310.44	167.64	14.782		
18,500.00	6,840.00	6,713.00	6,713.00	339.90	116.20	-90.00	1,073.03	-10,772.50	2,576.63	2,410.12	166.51	15.474		
18,600.00	6,840.00	6,713.00	6,713.00	342.60	116.20	-90.00	1,073.03	-10,772.50	2,675.29	2,509.79	165.50	16.165		
18,700.00	6,840.00	6,713.00	6,713.00	345.30	116.20	-90.00	1,073.03	-10,772.50	2,774.05	2,609.45	164.60	16.854		
18,800.00	6,840.00	6,713.00	6,713.00	348.00	116.20	-90.00	1,073.03	-10,772.50	2,872.89	2,709.10	163.79	17.540		
18,900.00	6,840.00	6,713.00	6,713.00	350.70	116.20	-90.00	1,073.03	-10,772.50	2,971.81	2,808.74	163.07	18.224		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT DUPPER 3 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
19,000.00	6,840.00	6,713.00	6,713.00	353.39	116.20	-90.00	1,073.03	-10,772.50	3,070.80	2,908.38	162.42	18.906		
19,100.00	6,840.00	6,713.00	6,713.00	356.09	116.20	-90.00	1,073.03	-10,772.50	3,169.86	3,008.01	161.85	19.585		
19,200.00	6,840.00	6,713.00	6,713.00	358.79	116.20	-90.00	1,073.03	-10,772.50	3,268.97	3,107.63	161.33	20.262		
19,300.00	6,840.00	6,713.00	6,713.00	361.49	116.20	-90.00	1,073.03	-10,772.50	3,368.13	3,207.26	160.87	20.937		
19,400.00	6,840.00	6,713.00	6,713.00	364.20	116.20	-90.00	1,073.03	-10,772.50	3,467.34	3,306.88	160.46	21.609		
19,500.00	6,840.00	6,713.00	6,713.00	366.90	116.20	-90.00	1,073.03	-10,772.50	3,566.60	3,406.51	160.09	22.279		
19,600.00	6,840.00	6,713.00	6,713.00	369.60	116.20	-90.00	1,073.03	-10,772.50	3,665.89	3,506.13	159.76	22.946		
19,700.00	6,840.00	6,713.00	6,713.00	372.30	116.20	-90.00	1,073.03	-10,772.50	3,765.23	3,605.76	159.47	23.611		
19,800.00	6,840.00	6,713.00	6,713.00	375.00	116.20	-90.00	1,073.03	-10,772.50	3,864.59	3,705.39	159.21	24.274		
19,900.00	6,840.00	6,713.00	6,713.00	377.70	116.20	-90.00	1,073.03	-10,772.50	3,963.99	3,805.02	158.98	24.934		
20,000.00	6,840.00	6,713.00	6,713.00	380.40	116.20	-90.00	1,073.03	-10,772.50	4,063.42	3,904.65	158.77	25.593		
20,100.00	6,840.00	6,713.00	6,713.00	383.11	116.20	-90.00	1,073.03	-10,772.50	4,162.88	4,004.28	158.59	26.249		
20,200.00	6,840.00	6,713.00	6,713.00	385.81	116.20	-90.00	1,073.03	-10,772.50	4,262.36	4,103.92	158.44	26.902		
20,300.00	6,840.00	6,713.00	6,713.00	388.51	116.20	-90.00	1,073.03	-10,772.50	4,361.87	4,203.56	158.30	27.554		
20,400.00	6,840.00	6,713.00	6,713.00	391.22	116.20	-90.00	1,073.03	-10,772.50	4,461.39	4,303.21	158.18	28.204		
20,500.00	6,840.00	6,713.00	6,713.00	393.92	116.20	-90.00	1,073.03	-10,772.50	4,560.94	4,402.86	158.08	28.852		
20,539.70	6,840.00	6,713.00	6,713.00	394.99	116.20	-90.00	1,073.03	-10,772.50	4,600.46	4,442.42	158.05	29.108		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,600.00	6,840.00	6,728.18	6,727.47	80.85	1.91	-89.93	1,080.39	-13,386.03	9,982.12	9,939.00	43.11	231.539		
8,700.00	6,840.00	6,728.19	6,727.49	83.13	1.91	-89.93	1,080.39	-13,386.03	9,882.21	9,838.99	43.23	228.618		
8,800.00	6,840.00	6,728.21	6,727.50	85.44	1.91	-89.93	1,080.39	-13,386.03	9,782.31	9,738.97	43.34	225.697		
8,900.00	6,840.00	6,728.22	6,727.52	87.77	1.91	-89.94	1,080.39	-13,386.03	9,682.41	9,638.94	43.46	222.779		
9,000.00	6,840.00	6,728.24	6,727.53	90.12	1.91	-89.94	1,080.39	-13,386.03	9,582.51	9,538.92	43.58	219.862		
9,100.00	6,840.00	6,728.25	6,727.55	92.50	1.91	-89.94	1,080.39	-13,386.03	9,482.61	9,438.90	43.71	216.947		
9,200.00	6,840.00	6,728.27	6,727.56	94.89	1.91	-89.94	1,080.39	-13,386.03	9,382.72	9,338.88	43.84	214.035		
9,300.00	6,840.00	6,728.28	6,727.57	97.30	1.91	-89.94	1,080.39	-13,386.03	9,282.82	9,238.85	43.97	211.124		
9,400.00	6,840.00	6,728.30	6,727.59	99.73	1.91	-89.95	1,080.39	-13,386.03	9,182.93	9,138.83	44.10	208.216		
9,500.00	6,840.00	6,728.31	6,727.60	102.17	1.91	-89.95	1,080.39	-13,386.03	9,083.04	9,038.80	44.24	205.311		
9,600.00	6,840.00	6,728.32	6,727.62	104.63	1.91	-89.95	1,080.39	-13,386.03	8,983.16	8,938.78	44.38	202.409		
9,700.00	6,840.00	6,728.34	6,727.63	107.10	1.91	-89.95	1,080.39	-13,386.03	8,883.28	8,838.75	44.53	199.509		
9,800.00	6,840.00	6,728.35	6,727.64	109.58	1.91	-89.95	1,080.39	-13,386.03	8,783.40	8,738.72	44.67	196.613		
9,900.00	6,840.00	6,728.36	6,727.66	112.07	1.91	-89.95	1,080.39	-13,386.03	8,683.52	8,638.69	44.83	193.720		
10,000.00	6,840.00	6,728.38	6,727.67	114.58	1.91	-89.96	1,080.39	-13,386.03	8,583.64	8,538.66	44.98	190.830		
10,100.00	6,840.00	6,728.39	6,727.68	117.09	1.91	-89.96	1,080.39	-13,386.03	8,483.77	8,438.63	45.14	187.945		
10,200.00	6,840.00	6,728.40	6,727.70	119.61	1.91	-89.96	1,080.39	-13,386.03	8,383.90	8,338.60	45.30	185.063		
10,300.00	6,840.00	6,728.42	6,727.71	122.14	1.91	-89.96	1,080.39	-13,386.03	8,284.04	8,238.57	45.47	182.185		
10,400.00	6,840.00	6,728.43	6,727.72	124.68	1.91	-89.96	1,080.39	-13,386.03	8,184.18	8,138.53	45.64	179.311		
10,500.00	6,840.00	6,728.44	6,727.73	127.23	1.91	-89.96	1,080.39	-13,386.03	8,084.32	8,038.50	45.82	176.442		
10,600.00	6,840.00	6,728.45	6,727.75	129.78	1.91	-89.97	1,080.39	-13,386.03	7,984.46	7,938.46	46.00	173.578		
10,700.00	6,840.00	6,728.47	6,727.76	132.35	1.91	-89.97	1,080.39	-13,386.03	7,884.61	7,838.43	46.18	170.718		
10,800.00	6,840.00	6,728.48	6,727.77	134.91	1.91	-89.97	1,080.39	-13,386.03	7,784.76	7,738.39	46.38	167.863		
10,900.00	6,840.00	6,728.49	6,727.78	137.49	1.91	-89.97	1,080.39	-13,386.03	7,684.92	7,638.35	46.57	165.014		
11,000.00	6,840.00	6,728.50	6,727.80	140.07	1.91	-89.97	1,080.39	-13,386.03	7,585.08	7,538.31	46.77	162.170		
11,100.00	6,840.00	6,728.51	6,727.81	142.65	1.91	-89.97	1,080.39	-13,386.03	7,485.25	7,438.27	46.98	159.331		
11,200.00	6,840.00	6,728.53	6,727.82	145.24	1.91	-89.98	1,080.39	-13,386.03	7,385.42	7,338.22	47.19	156.499		
11,300.00	6,840.00	6,728.54	6,727.83	147.83	1.91	-89.98	1,080.39	-13,386.03	7,285.59	7,238.18	47.41	153.672		
11,400.00	6,840.00	6,728.55	6,727.84	150.43	1.91	-89.98	1,080.39	-13,386.03	7,185.77	7,138.13	47.63	150.851		
11,500.00	6,840.00	6,728.56	6,727.85	153.04	1.91	-89.98	1,080.39	-13,386.03	7,085.95	7,038.09	47.87	148.037		
11,600.00	6,840.00	6,728.57	6,727.86	155.64	1.91	-89.98	1,080.39	-13,386.03	6,986.14	6,938.04	48.10	145.230		
11,700.00	6,840.00	6,728.58	6,727.88	158.26	1.91	-89.98	1,080.39	-13,386.03	6,886.34	6,837.99	48.35	142.429		
11,800.00	6,840.00	6,728.59	6,727.89	160.87	1.91	-89.99	1,080.39	-13,386.03	6,786.54	6,737.93	48.60	139.635		
11,900.00	6,840.00	6,728.61	6,727.90	163.49	1.91	-89.99	1,080.39	-13,386.03	6,686.74	6,637.88	48.86	136.849		
12,000.00	6,840.00	6,728.62	6,727.91	166.11	1.91	-89.99	1,080.39	-13,386.03	6,586.95	6,537.82	49.13	134.070		
12,100.00	6,840.00	6,728.63	6,727.92	168.74	1.91	-89.99	1,080.39	-13,386.03	6,487.17	6,437.77	49.41	131.298		
12,200.00	6,840.00	6,728.64	6,727.93	171.37	1.91	-89.99	1,080.39	-13,386.03	6,387.40	6,337.70	49.69	128.535		
12,300.00	6,840.00	6,728.65	6,727.94	174.00	1.91	-89.99	1,080.39	-13,386.03	6,287.63	6,237.64	49.99	125.780		
12,400.00	6,840.00	6,728.66	6,727.95	176.63	1.91	-89.99	1,080.39	-13,386.03	6,187.87	6,137.58	50.29	123.034		
12,500.00	6,840.00	6,728.67	6,727.96	179.27	1.91	-90.00	1,080.39	-13,386.03	6,088.12	6,037.51	50.61	120.296		
12,600.00	6,840.00	6,728.68	6,727.97	181.91	1.91	-90.00	1,080.39	-13,386.03	5,988.38	5,937.44	50.94	117.567		
12,700.00	6,840.00	6,728.69	6,727.98	184.55	1.91	-90.00	1,080.39	-13,386.03	5,888.64	5,837.37	51.27	114.848		
12,800.00	6,840.00	6,728.70	6,727.99	187.19	1.91	-90.00	1,080.39	-13,386.03	5,788.92	5,737.29	51.62	112.138		
12,900.00	6,840.00	6,728.71	6,728.00	189.84	1.91	-90.00	1,080.39	-13,386.03	5,689.20	5,637.22	51.99	109.438		
13,000.00	6,840.00	6,728.72	6,728.01	192.48	1.91	-90.00	1,080.39	-13,386.03	5,589.50	5,537.13	52.36	106.748		
13,100.00	6,840.00	6,728.73	6,728.02	195.13	1.91	-90.00	1,080.39	-13,386.03	5,489.80	5,437.05	52.75	104.069		
13,200.00	6,840.00	6,728.74	6,728.03	197.79	1.91	-90.00	1,080.39	-13,386.03	5,390.12	5,336.96	53.16	101.401		
13,300.00	6,840.00	6,728.75	6,728.04	200.44	1.91	-90.01	1,080.39	-13,386.03	5,290.45	5,236.87	53.58	98.745		
13,400.00	6,840.00	6,728.76	6,728.05	203.10	1.91	-90.01	1,080.39	-13,386.03	5,190.79	5,136.77	54.01	96.100		
13,500.00	6,840.00	6,728.77	6,728.06	205.75	1.91	-90.01	1,080.39	-13,386.03	5,091.14	5,036.67	54.47	93.467		
13,600.00	6,840.00	6,728.78	6,728.07	208.41	1.91	-90.01	1,080.39	-13,386.03	4,991.51	4,936.57	54.94	90.846		
13,700.00	6,840.00	6,728.79	6,728.08	211.07	1.91	-90.01	1,080.39	-13,386.03	4,891.89	4,836.45	55.44	88.239		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,800.00	6,840.00	6,728.80	6,728.09	213.74	1.91	-90.01	1,080.39	-13,386.03	4,792.29	4,736.34	55.96	85.645		
13,900.00	6,840.00	6,728.81	6,728.10	216.40	1.91	-90.01	1,080.39	-13,386.03	4,692.71	4,636.21	56.49	83.065		
14,000.00	6,840.00	6,728.82	6,728.11	219.06	1.91	-90.01	1,080.39	-13,386.03	4,593.14	4,536.09	57.06	80.500		
14,100.00	6,840.00	6,728.83	6,728.12	221.73	1.91	-90.02	1,080.39	-13,386.03	4,493.60	4,435.95	57.65	77.949		
14,200.00	6,840.00	6,728.83	6,728.13	224.40	1.91	-90.02	1,080.39	-13,386.03	4,394.07	4,335.81	58.27	75.414		
14,300.00	6,840.00	6,728.84	6,728.14	227.07	1.91	-90.02	1,080.39	-13,386.03	4,294.57	4,235.65	58.91	72.896		
14,400.00	6,840.00	6,728.85	6,728.15	229.74	1.91	-90.02	1,080.39	-13,386.03	4,195.09	4,135.49	59.59	70.394		
14,500.00	6,840.00	6,728.86	6,728.15	232.41	1.91	-90.02	1,080.39	-13,386.03	4,095.63	4,035.32	60.31	67.910		
14,600.00	6,840.00	6,728.87	6,728.16	235.08	1.91	-90.02	1,080.39	-13,386.03	3,996.21	3,935.14	61.06	65.444		
14,700.00	6,840.00	6,728.88	6,728.17	237.75	1.91	-90.02	1,080.39	-13,386.03	3,896.81	3,834.95	61.86	62.998		
14,800.00	6,840.00	6,728.89	6,728.18	240.43	1.91	-90.02	1,080.39	-13,386.03	3,797.44	3,734.75	62.69	60.572		
14,900.00	6,840.00	6,728.90	6,728.19	243.10	1.91	-90.03	1,080.39	-13,386.03	3,698.11	3,634.53	63.58	58.166		
15,000.00	6,840.00	6,728.91	6,728.20	245.78	1.91	-90.03	1,080.39	-13,386.03	3,598.82	3,534.30	64.52	55.783		
15,100.00	6,840.00	6,728.91	6,728.21	248.46	1.91	-90.03	1,080.39	-13,386.03	3,499.56	3,434.05	65.51	53.422		
15,200.00	6,840.00	6,728.92	6,728.21	251.14	1.91	-90.03	1,080.39	-13,386.03	3,400.35	3,333.79	66.56	51.085		
15,300.00	6,840.00	6,728.93	6,728.22	253.82	1.90	-90.03	1,080.39	-13,386.03	3,301.19	3,233.50	67.68	48.774		
15,400.00	6,840.00	6,728.94	6,728.23	256.50	1.90	-90.03	1,080.39	-13,386.03	3,202.07	3,133.20	68.88	46.489		
15,500.00	6,840.00	6,728.95	6,728.24	259.18	1.90	-90.03	1,080.39	-13,386.03	3,103.02	3,032.87	70.15	44.232		
15,600.00	6,840.00	6,728.95	6,728.25	261.86	1.90	-90.03	1,080.39	-13,386.03	3,004.03	2,932.51	71.52	42.004		
15,700.00	6,840.00	6,728.96	6,728.26	264.54	1.90	-90.03	1,080.39	-13,386.03	2,905.10	2,832.12	72.98	39.807		
15,800.00	6,840.00	6,728.97	6,728.26	267.23	1.90	-90.03	1,080.39	-13,386.03	2,806.26	2,731.71	74.55	37.642		
15,900.00	6,840.00	6,728.98	6,728.27	269.91	1.90	-90.04	1,080.39	-13,386.03	2,707.49	2,631.25	76.24	35.512		
16,000.00	6,840.00	6,728.99	6,728.28	272.59	1.90	-90.04	1,080.39	-13,386.03	2,608.83	2,530.76	78.07	33.417		
16,100.00	6,840.00	6,728.99	6,728.29	275.28	1.90	-90.04	1,080.39	-13,386.03	2,510.26	2,430.22	80.04	31.361		
16,200.00	6,840.00	6,729.00	6,728.30	277.97	1.90	-90.04	1,080.39	-13,386.03	2,411.82	2,329.63	82.19	29.344		
16,300.00	6,840.00	6,729.01	6,728.30	280.65	1.90	-90.04	1,080.39	-13,386.03	2,313.51	2,228.98	84.53	27.371		
16,400.00	6,840.00	6,729.02	6,728.31	283.34	1.90	-90.04	1,080.39	-13,386.03	2,215.35	2,128.27	87.08	25.442		
16,500.00	6,840.00	6,729.03	6,728.32	286.03	1.90	-90.04	1,080.39	-13,386.03	2,117.36	2,027.49	89.87	23.560		
16,600.00	6,840.00	6,729.03	6,728.33	288.72	1.90	-90.04	1,080.39	-13,386.03	2,019.57	1,926.63	92.95	21.728		
16,700.00	6,840.00	6,729.04	6,728.33	291.41	1.90	-90.04	1,080.39	-13,386.03	1,922.01	1,825.67	96.34	19.950		
16,800.00	6,840.00	6,729.05	6,728.34	294.10	1.90	-90.05	1,080.39	-13,386.03	1,824.71	1,724.61	100.11	18.227		
16,900.00	6,840.00	6,729.06	6,728.35	296.79	1.90	-90.05	1,080.39	-13,386.03	1,727.72	1,623.42	104.30	16.564		
17,000.00	6,840.00	6,729.06	6,728.36	299.48	1.90	-90.05	1,080.39	-13,386.03	1,631.10	1,522.10	109.00	14.964		
17,100.00	6,840.00	6,729.07	6,728.36	302.17	1.90	-90.05	1,080.39	-13,386.03	1,534.90	1,420.62	114.29	13.430		
17,200.00	6,840.00	6,729.08	6,728.37	304.86	1.90	-90.05	1,080.39	-13,386.03	1,439.23	1,318.96	120.27	11.966		
17,300.00	6,840.00	6,729.08	6,728.38	307.56	1.90	-90.05	1,080.39	-13,386.03	1,344.18	1,217.09	127.09	10.577		
17,400.00	6,840.00	6,729.09	6,728.38	310.25	1.90	-90.05	1,080.39	-13,386.03	1,249.91	1,115.01	134.91	9.265		
17,500.00	6,840.00	6,729.10	6,728.39	312.94	1.90	-90.05	1,080.39	-13,386.03	1,156.60	1,012.67	143.93	8.036		
17,600.00	6,840.00	6,729.11	6,728.40	315.64	1.90	-90.05	1,080.39	-13,386.03	1,064.51	910.09	154.42	6.894		
17,700.00	6,840.00	6,729.11	6,728.40	318.33	1.90	-90.05	1,080.39	-13,386.03	973.98	807.29	166.69	5.843		
17,800.00	6,840.00	6,729.12	6,728.41	321.03	1.90	-90.05	1,080.39	-13,386.03	885.48	704.34	181.14	4.888		
17,900.00	6,840.00	6,729.13	6,728.42	323.72	1.90	-90.06	1,080.39	-13,386.03	799.71	601.49	198.22	4.034		
18,000.00	6,840.00	6,729.13	6,728.43	326.42	1.90	-90.06	1,080.39	-13,386.03	717.62	499.24	218.38	3.286		
18,100.00	6,840.00	6,729.14	6,728.43	329.11	1.90	-90.06	1,080.39	-13,386.03	640.65	398.71	241.94	2.648		
18,200.00	6,840.00	6,729.15	6,728.44	331.81	1.90	-90.06	1,080.39	-13,386.03	570.86	302.19	268.67	2.125		
18,300.00	6,840.00	6,729.15	6,728.45	334.51	1.90	-90.06	1,080.39	-13,386.03	511.21	214.18	297.03	1.721		
18,400.00	6,840.00	6,729.16	6,728.45	337.20	1.90	-90.06	1,080.39	-13,386.03	465.60	142.53	323.07	1.441	Level 3	
18,500.00	6,840.00	6,729.17	6,728.46	339.90	1.90	-90.06	1,080.39	-13,386.03	438.45	98.34	340.11	1.289	Level 3	
18,572.75	6,840.00	6,729.17	6,728.46	341.86	1.90	-90.06	1,080.39	-13,386.03	432.37	89.49	342.88	1.261	Level 3, CC, ES, SF	
18,600.00	6,840.00	6,729.17	6,728.47	342.60	1.90	-90.06	1,080.39	-13,386.03	433.23	91.73	341.49	1.269	Level 3	
18,700.00	6,840.00	6,729.18	6,728.47	345.30	1.90	-90.06	1,080.39	-13,386.03	450.71	124.76	325.94	1.383	Level 3	
18,800.00	6,840.00	6,729.19	6,728.48	348.00	1.90	-90.06	1,080.39	-13,386.03	488.45	189.54	298.92	1.634		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT KNAUB 22-27 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
18,900.00	6,840.00	6,729.19	6,728.48	350.70	1.90	-90.06	1,080.39	-13,386.03	542.25	274.39	267.86	2.024	
19,000.00	6,840.00	6,729.20	6,728.49	353.39	1.90	-90.07	1,080.39	-13,386.03	607.85	369.93	237.92	2.555	
19,100.00	6,840.00	6,729.20	6,728.50	356.09	1.90	-90.07	1,080.39	-13,386.03	681.86	470.49	211.37	3.226	
19,200.00	6,840.00	6,729.21	6,728.50	358.79	1.90	-90.07	1,080.39	-13,386.03	761.83	573.13	188.70	4.037	
19,300.00	6,840.00	6,729.22	6,728.51	361.49	1.90	-90.07	1,080.39	-13,386.03	846.07	676.44	169.63	4.988	
19,400.00	6,840.00	6,729.22	6,728.52	364.20	1.90	-90.07	1,080.39	-13,386.03	933.43	779.79	153.64	6.075	
19,500.00	6,840.00	6,729.23	6,728.52	366.90	1.90	-90.07	1,080.39	-13,386.03	1,023.10	882.92	140.19	7.298	
19,600.00	6,840.00	6,729.24	6,728.53	369.60	1.90	-90.07	1,080.39	-13,386.03	1,114.54	985.72	128.81	8.652	
19,700.00	6,840.00	6,729.24	6,728.53	372.30	1.90	-90.07	1,080.39	-13,386.03	1,207.33	1,088.19	119.14	10.134	
19,800.00	6,840.00	6,729.25	6,728.54	375.00	1.90	-90.07	1,080.39	-13,386.03	1,301.19	1,190.34	110.85	11.738	
19,900.00	6,840.00	6,729.25	6,728.55	377.70	1.90	-90.07	1,080.39	-13,386.03	1,395.90	1,292.19	103.71	13.460	
20,000.00	6,840.00	6,729.26	6,728.55	380.40	1.90	-90.07	1,080.40	-13,386.03	1,491.31	1,393.79	97.52	15.293	
20,100.00	6,840.00	6,729.27	6,728.56	383.11	1.90	-90.07	1,080.40	-13,386.03	1,587.27	1,495.16	92.12	17.231	
20,200.00	6,840.00	6,729.27	6,728.56	385.81	1.90	-90.07	1,080.40	-13,386.03	1,683.71	1,596.33	87.39	19.267	
20,300.00	6,840.00	6,729.28	6,728.57	388.51	1.90	-90.08	1,080.40	-13,386.03	1,780.55	1,697.32	83.22	21.395	
20,400.00	6,840.00	6,729.28	6,728.58	391.22	1.90	-90.08	1,080.40	-13,386.03	1,877.71	1,798.17	79.54	23.606	
20,500.00	6,840.00	6,729.29	6,728.58	393.92	1.90	-90.08	1,080.40	-13,386.03	1,975.16	1,898.88	76.28	25.894	
20,539.70	6,840.00	6,729.29	6,728.58	394.99	1.90	-90.08	1,080.40	-13,386.03	2,013.91	1,938.82	75.08	26.822	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,600.00	6,837.44	6,668.99	6,668.58	60.02	1.63	-65.96	-380.86	-12,192.66	9,953.65	9,907.11	46.54	213.882		
7,700.00	6,840.00	6,670.47	6,670.06	61.90	1.63	-88.73	-380.85	-12,192.67	9,855.70	9,808.72	46.98	209.792		
7,800.00	6,840.00	6,670.72	6,670.31	63.83	1.63	-88.74	-380.85	-12,192.67	9,757.57	9,710.17	47.41	205.824		
7,900.00	6,840.00	6,670.97	6,670.56	65.81	1.63	-88.74	-380.85	-12,192.67	9,659.49	9,611.64	47.85	201.875		
8,000.00	6,840.00	6,671.23	6,670.82	67.84	1.63	-88.75	-380.85	-12,192.67	9,561.44	9,513.13	48.30	197.944		
8,100.00	6,840.00	6,671.49	6,671.08	69.91	1.63	-88.76	-380.85	-12,192.67	9,463.43	9,414.65	48.77	194.034		
8,200.00	6,840.00	6,671.75	6,671.34	72.03	1.63	-88.77	-380.84	-12,192.68	9,365.46	9,316.21	49.25	190.145		
8,300.00	6,840.00	6,672.01	6,671.60	74.18	1.63	-88.77	-380.84	-12,192.68	9,267.54	9,217.79	49.75	186.278		
8,400.00	6,840.00	6,672.28	6,671.87	76.37	1.63	-88.78	-380.84	-12,192.68	9,169.66	9,119.40	50.26	182.436		
8,500.00	6,840.00	6,672.55	6,672.14	78.59	1.63	-88.79	-380.84	-12,192.68	9,071.83	9,021.04	50.79	178.618		
8,600.00	6,840.00	6,672.82	6,672.41	80.85	1.63	-88.80	-380.84	-12,192.68	8,974.04	8,922.71	51.33	174.826		
8,700.00	6,840.00	6,673.10	6,672.68	83.13	1.63	-88.81	-380.84	-12,192.68	8,876.31	8,824.42	51.89	171.061		
8,800.00	6,840.00	6,673.37	6,672.96	85.44	1.63	-88.82	-380.84	-12,192.68	8,778.62	8,726.16	52.46	167.325		
8,900.00	6,840.00	6,673.66	6,673.25	87.77	1.63	-88.82	-380.84	-12,192.69	8,680.99	8,627.93	53.06	163.617		
9,000.00	6,840.00	6,673.94	6,673.53	90.12	1.63	-88.83	-380.84	-12,192.69	8,583.41	8,529.75	53.67	159.939		
9,100.00	6,840.00	6,674.23	6,673.82	92.50	1.63	-88.84	-380.83	-12,192.69	8,485.89	8,431.60	54.29	156.293		
9,200.00	6,840.00	6,674.52	6,674.11	94.89	1.63	-88.85	-380.83	-12,192.69	8,388.43	8,333.49	54.94	152.678		
9,300.00	6,840.00	6,674.82	6,674.41	97.30	1.63	-88.86	-380.83	-12,192.69	8,291.03	8,235.42	55.61	149.096		
9,400.00	6,840.00	6,675.12	6,674.70	99.73	1.63	-88.87	-380.83	-12,192.69	8,193.69	8,137.40	56.30	145.549		
9,500.00	6,840.00	6,675.42	6,675.01	102.17	1.63	-88.88	-380.83	-12,192.70	8,096.42	8,039.41	57.00	142.036		
9,600.00	6,840.00	6,675.72	6,675.31	104.63	1.63	-88.89	-380.83	-12,192.70	7,999.21	7,941.48	57.73	138.559		
9,700.00	6,840.00	6,676.03	6,675.62	107.10	1.63	-88.90	-380.83	-12,192.70	7,902.07	7,843.59	58.48	135.118		
9,800.00	6,840.00	6,676.34	6,675.93	109.58	1.63	-88.91	-380.83	-12,192.70	7,805.01	7,745.75	59.26	131.715		
9,900.00	6,840.00	6,676.66	6,676.25	112.07	1.63	-88.92	-380.82	-12,192.70	7,708.02	7,647.96	60.05	128.350		
10,000.00	6,840.00	6,676.98	6,676.57	114.58	1.63	-88.93	-380.82	-12,192.70	7,611.11	7,550.23	60.88	125.024		
10,100.00	6,840.00	6,677.31	6,676.89	117.09	1.63	-88.93	-380.82	-12,192.71	7,514.27	7,452.55	61.72	121.738		
10,200.00	6,840.00	6,677.63	6,677.22	119.61	1.63	-88.94	-380.82	-12,192.71	7,417.53	7,354.93	62.60	118.492		
10,300.00	6,840.00	6,677.97	6,677.56	122.14	1.63	-88.95	-380.82	-12,192.71	7,320.87	7,257.37	63.50	115.287		
10,400.00	6,840.00	6,678.30	6,677.89	124.68	1.63	-88.97	-380.82	-12,192.71	7,224.30	7,159.87	64.43	112.124		
10,500.00	6,840.00	6,678.64	6,678.23	127.23	1.63	-88.98	-380.82	-12,192.71	7,127.82	7,062.43	65.39	109.004		
10,600.00	6,840.00	6,678.99	6,678.58	129.78	1.63	-88.99	-380.82	-12,192.72	7,031.45	6,965.07	66.38	105.926		
10,700.00	6,840.00	6,679.34	6,678.93	132.35	1.63	-89.00	-380.81	-12,192.72	6,935.18	6,867.77	67.40	102.892		
10,800.00	6,840.00	6,679.69	6,679.28	134.91	1.63	-89.01	-380.81	-12,192.72	6,839.01	6,770.55	68.46	99.903		
10,900.00	6,840.00	6,680.05	6,679.64	137.49	1.63	-89.02	-380.81	-12,192.72	6,742.95	6,673.41	69.55	96.958		
11,000.00	6,840.00	6,680.41	6,680.00	140.07	1.63	-89.03	-380.81	-12,192.73	6,647.02	6,576.35	70.67	94.058		
11,100.00	6,840.00	6,680.78	6,680.37	142.65	1.63	-89.04	-380.81	-12,192.73	6,551.20	6,479.37	71.83	91.203		
11,200.00	6,840.00	6,681.15	6,680.74	145.24	1.63	-89.05	-380.81	-12,192.73	6,455.51	6,382.48	73.03	88.395		
11,300.00	6,840.00	6,681.53	6,681.12	147.83	1.63	-89.06	-380.80	-12,192.73	6,359.95	6,285.68	74.27	85.633		
11,400.00	6,840.00	6,681.91	6,681.50	150.43	1.63	-89.07	-380.80	-12,192.73	6,264.53	6,188.98	75.55	82.918		
11,500.00	6,840.00	6,682.30	6,681.89	153.04	1.63	-89.09	-380.80	-12,192.74	6,169.26	6,092.38	76.88	80.250		
11,600.00	6,840.00	6,682.69	6,682.28	155.64	1.63	-89.10	-380.80	-12,192.74	6,074.14	5,995.89	78.24	77.630		
11,700.00	6,840.00	6,683.09	6,682.68	158.26	1.63	-89.11	-380.80	-12,192.74	5,979.17	5,899.51	79.66	75.057		
11,800.00	6,840.00	6,683.49	6,683.08	160.87	1.63	-89.12	-380.80	-12,192.74	5,884.38	5,803.25	81.13	72.533		
11,900.00	6,840.00	6,683.90	6,683.49	163.49	1.63	-89.13	-380.80	-12,192.75	5,789.76	5,707.11	82.64	70.057		
12,000.00	6,840.00	6,684.31	6,683.90	166.11	1.63	-89.15	-380.79	-12,192.75	5,695.32	5,611.11	84.21	67.629		
12,100.00	6,840.00	6,684.73	6,684.32	168.74	1.63	-89.16	-380.79	-12,192.75	5,601.08	5,515.23	85.84	65.250		
12,200.00	6,840.00	6,685.16	6,684.74	171.37	1.63	-89.17	-380.79	-12,192.76	5,507.03	5,419.51	87.53	62.919		
12,300.00	6,840.00	6,685.59	6,685.18	174.00	1.63	-89.19	-380.79	-12,192.76	5,413.21	5,323.94	89.27	60.638		
12,400.00	6,840.00	6,686.03	6,685.61	176.63	1.63	-89.20	-380.79	-12,192.76	5,319.60	5,228.52	91.08	58.406		
12,500.00	6,840.00	6,686.47	6,686.06	179.27	1.63	-89.21	-380.78	-12,192.76	5,226.24	5,133.28	92.96	56.223		
12,600.00	6,840.00	6,686.92	6,686.51	181.91	1.63	-89.23	-380.78	-12,192.77	5,133.12	5,038.22	94.90	54.089		
12,700.00	6,840.00	6,687.38	6,686.96	184.55	1.63	-89.24	-380.78	-12,192.77	5,040.27	4,943.35	96.92	52.004		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,840.00	6,687.84	6,687.43	187.19	1.63	-89.25	-380.78	-12,192.77	4,947.70	4,848.68	99.02	49.968		
12,900.00	6,840.00	6,688.31	6,687.90	189.84	1.63	-89.27	-380.78	-12,192.78	4,855.42	4,754.22	101.19	47.982		
13,000.00	6,840.00	6,688.79	6,688.37	192.48	1.63	-89.28	-380.78	-12,192.78	4,763.45	4,660.00	103.45	46.045		
13,100.00	6,840.00	6,689.27	6,688.86	195.13	1.63	-89.30	-380.77	-12,192.78	4,671.81	4,566.01	105.80	44.157		
13,200.00	6,840.00	6,689.76	6,689.35	197.79	1.63	-89.31	-380.77	-12,192.79	4,580.52	4,472.28	108.24	42.318		
13,300.00	6,840.00	6,690.26	6,689.85	200.44	1.63	-89.33	-380.77	-12,192.79	4,489.61	4,378.83	110.78	40.528		
13,400.00	6,840.00	6,690.76	6,690.35	203.10	1.63	-89.34	-380.77	-12,192.80	4,399.08	4,285.67	113.42	38.787		
13,500.00	6,840.00	6,691.28	6,690.87	205.75	1.63	-89.36	-380.77	-12,192.80	4,308.98	4,192.82	116.16	37.095		
13,600.00	6,840.00	6,691.80	6,691.39	208.41	1.63	-89.37	-380.76	-12,192.80	4,219.32	4,100.30	119.02	35.451		
13,700.00	6,840.00	6,692.33	6,691.92	211.07	1.63	-89.39	-380.76	-12,192.81	4,130.14	4,008.15	121.99	33.855		
13,800.00	6,840.00	6,692.87	6,692.46	213.74	1.63	-89.41	-380.76	-12,192.81	4,041.46	3,916.37	125.09	32.308		
13,900.00	6,840.00	6,700.00	6,699.59	216.40	1.63	-89.62	-380.73	-12,192.87	3,953.34	3,825.02	128.31	30.811		
14,000.00	6,840.00	6,700.00	6,699.59	219.06	1.63	-89.62	-380.73	-12,192.87	3,865.78	3,734.10	131.67	29.359		
14,100.00	6,840.00	6,700.00	6,699.59	221.73	1.63	-89.62	-380.73	-12,192.87	3,778.83	3,643.66	135.18	27.955		
14,200.00	6,840.00	6,700.00	6,699.59	224.40	1.63	-89.62	-380.73	-12,192.87	3,692.55	3,553.72	138.83	26.598		
14,300.00	6,840.00	6,700.00	6,699.59	227.07	1.63	-89.62	-380.73	-12,192.87	3,606.98	3,464.34	142.64	25.288		
14,400.00	6,840.00	6,700.00	6,699.59	229.74	1.63	-89.62	-380.73	-12,192.87	3,522.17	3,375.56	146.60	24.025		
14,500.00	6,840.00	6,700.00	6,699.59	232.41	1.63	-89.62	-380.73	-12,192.87	3,438.17	3,287.43	150.74	22.808		
14,600.00	6,840.00	6,700.00	6,699.59	235.08	1.63	-89.62	-380.73	-12,192.87	3,355.05	3,200.00	155.05	21.638		
14,700.00	6,840.00	6,700.00	6,699.59	237.75	1.63	-89.62	-380.73	-12,192.87	3,272.88	3,113.33	159.55	20.513		
14,800.00	6,840.00	6,700.00	6,699.59	240.43	1.63	-89.62	-380.73	-12,192.87	3,191.72	3,027.49	164.23	19.434		
14,900.00	6,840.00	6,700.00	6,699.59	243.10	1.63	-89.62	-380.73	-12,192.87	3,111.66	2,942.56	169.11	18.401		
15,000.00	6,840.00	6,700.06	6,699.65	245.78	1.63	-89.63	-380.73	-12,192.87	3,032.79	2,858.61	174.18	17.412		
15,100.00	6,840.00	6,700.92	6,700.51	248.46	1.63	-89.65	-380.73	-12,192.88	2,955.19	2,775.73	179.46	16.467		
15,200.00	6,840.00	6,701.76	6,701.35	251.14	1.63	-89.68	-380.72	-12,192.88	2,878.98	2,694.03	184.94	15.567		
15,300.00	6,840.00	6,702.60	6,702.18	253.82	1.63	-89.70	-380.72	-12,192.89	2,804.26	2,613.62	190.63	14.710		
15,400.00	6,840.00	6,703.42	6,703.01	256.50	1.63	-89.73	-380.72	-12,192.90	2,731.16	2,534.63	196.53	13.897		
15,500.00	6,840.00	6,704.23	6,703.82	259.18	1.63	-89.75	-380.71	-12,192.90	2,659.81	2,457.18	202.63	13.126		
15,600.00	6,840.00	6,705.04	6,704.62	261.86	1.63	-89.78	-380.71	-12,192.91	2,590.35	2,381.43	208.92	12.399		
15,700.00	6,840.00	6,705.83	6,705.42	264.54	1.63	-89.80	-380.71	-12,192.91	2,522.95	2,307.55	215.40	11.713		
15,800.00	6,840.00	6,706.61	6,706.20	267.23	1.63	-89.82	-380.71	-12,192.92	2,457.77	2,235.73	222.04	11.069		
15,900.00	6,840.00	6,707.38	6,706.97	269.91	1.63	-89.85	-380.70	-12,192.93	2,394.99	2,166.16	228.83	10.466		
16,000.00	6,840.00	6,708.15	6,707.73	272.59	1.63	-89.87	-380.70	-12,192.93	2,334.80	2,099.07	235.73	9.904		
16,100.00	6,840.00	6,708.90	6,708.49	275.28	1.63	-89.89	-380.70	-12,192.94	2,277.42	2,034.71	242.72	9.383		
16,200.00	6,840.00	6,709.64	6,709.23	277.97	1.63	-89.92	-380.69	-12,192.94	2,223.06	1,973.33	249.73	8.902		
16,300.00	6,840.00	6,710.38	6,709.97	280.65	1.63	-89.94	-380.69	-12,192.95	2,171.94	1,915.21	256.74	8.460		
16,400.00	6,840.00	6,711.11	6,710.69	283.34	1.63	-89.96	-380.69	-12,192.96	2,124.31	1,860.65	263.66	8.057		
16,500.00	6,840.00	6,711.82	6,711.41	286.03	1.63	-89.98	-380.69	-12,192.96	2,080.39	1,809.97	270.42	7.693		
16,600.00	6,840.00	6,712.53	6,712.12	288.72	1.63	-90.00	-380.69	-12,192.97	2,040.43	1,763.47	276.96	7.367		
16,700.00	6,840.00	6,713.23	6,712.82	291.41	1.63	-90.02	-380.68	-12,192.97	2,004.67	1,721.49	283.18	7.079		
16,800.00	6,840.00	6,713.93	6,713.51	294.10	1.63	-90.05	-380.68	-12,192.98	1,973.33	1,684.34	288.99	6.828		
16,900.00	6,840.00	6,714.61	6,714.20	296.79	1.63	-90.07	-380.68	-12,192.98	1,946.63	1,652.32	294.31	6.614		
17,000.00	6,840.00	6,715.29	6,714.87	299.48	1.63	-90.09	-380.68	-12,192.99	1,924.76	1,625.72	299.04	6.437		
17,100.00	6,840.00	6,715.95	6,715.54	302.17	1.63	-90.11	-380.67	-12,192.99	1,907.89	1,604.79	303.09	6.295		
17,200.00	6,840.00	6,716.61	6,716.20	304.86	1.63	-90.13	-380.67	-12,193.00	1,896.15	1,589.74	306.41	6.188		
17,300.00	6,840.00	6,717.27	6,716.85	307.56	1.63	-90.15	-380.67	-12,193.00	1,889.63	1,580.70	308.93	6.117		
17,373.35	6,840.00	6,717.74	6,717.33	309.53	1.63	-90.16	-380.67	-12,193.01	1,888.21	1,577.96	310.25	6.086 CC		
17,400.00	6,840.00	6,717.91	6,717.50	310.25	1.63	-90.17	-380.67	-12,193.01	1,888.40	1,577.78	310.61	6.080 ES		
17,500.00	6,840.00	6,718.55	6,718.14	312.94	1.63	-90.19	-380.67	-12,193.01	1,892.45	1,581.01	311.44	6.076 SF		
17,600.00	6,840.00	6,719.18	6,718.77	315.64	1.63	-90.21	-380.67	-12,193.02	1,901.76	1,590.34	311.42	6.107		
17,700.00	6,840.00	6,719.81	6,719.39	318.33	1.63	-90.22	-380.66	-12,193.02	1,916.25	1,605.67	310.58	6.170		
17,800.00	6,840.00	6,720.42	6,720.01	321.03	1.63	-90.24	-380.66	-12,193.02	1,935.81	1,626.85	308.96	6.266		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,900.00	6,840.00	6,721.03	6,720.62	323.72	1.63	-90.26	-380.66	-12,193.03	1,960.27	1,653.66	306.61	6.393		
18,000.00	6,840.00	6,721.64	6,721.22	326.42	1.63	-90.28	-380.66	-12,193.03	1,989.47	1,685.85	303.62	6.552		
18,100.00	6,840.00	6,722.23	6,721.82	329.11	1.63	-90.30	-380.66	-12,193.04	2,023.20	1,723.14	300.06	6.743		
18,200.00	6,840.00	6,722.82	6,722.41	331.81	1.63	-90.32	-380.66	-12,193.04	2,061.23	1,765.22	296.01	6.963		
18,300.00	6,840.00	6,723.41	6,723.00	334.51	1.63	-90.33	-380.65	-12,193.05	2,103.32	1,811.77	291.55	7.214		
18,400.00	6,840.00	6,723.99	6,723.57	337.20	1.63	-90.35	-380.65	-12,193.05	2,149.25	1,862.48	286.78	7.495		
18,500.00	6,840.00	6,724.56	6,724.14	339.90	1.63	-90.37	-380.65	-12,193.05	2,198.78	1,917.02	281.75	7.804		
18,600.00	6,840.00	6,725.12	6,724.71	342.60	1.63	-90.39	-380.65	-12,193.06	2,251.65	1,975.10	276.55	8.142		
18,700.00	6,840.00	6,725.68	6,725.27	345.30	1.63	-90.40	-380.65	-12,193.06	2,307.65	2,036.42	271.23	8.508		
18,800.00	6,840.00	6,726.23	6,725.82	348.00	1.63	-90.42	-380.65	-12,193.06	2,366.55	2,100.70	265.85	8.902		
18,900.00	6,840.00	6,726.78	6,726.37	350.70	1.63	-90.44	-380.65	-12,193.07	2,428.15	2,167.69	260.46	9.323		
19,000.00	6,840.00	6,727.32	6,726.91	353.39	1.63	-90.45	-380.65	-12,193.07	2,492.23	2,237.15	255.08	9.770		
19,100.00	6,840.00	6,727.86	6,727.45	356.09	1.63	-90.47	-380.64	-12,193.08	2,558.62	2,308.85	249.77	10.244		
19,200.00	6,840.00	6,728.39	6,727.98	358.79	1.63	-90.48	-380.64	-12,193.08	2,627.14	2,382.60	244.53	10.744		
19,300.00	6,840.00	6,728.92	6,728.50	361.49	1.63	-90.50	-380.64	-12,193.08	2,697.62	2,458.22	239.40	11.268		
19,400.00	6,840.00	6,729.44	6,729.02	364.20	1.63	-90.52	-380.64	-12,193.09	2,769.92	2,535.54	234.38	11.818		
19,500.00	6,840.00	6,729.95	6,729.54	366.90	1.63	-90.53	-380.64	-12,193.09	2,843.90	2,614.41	229.49	12.392		
19,600.00	6,840.00	6,730.46	6,730.05	369.60	1.63	-90.55	-380.64	-12,193.09	2,919.44	2,694.69	224.75	12.990		
19,700.00	6,840.00	6,730.96	6,730.55	372.30	1.63	-90.56	-380.64	-12,193.10	2,996.40	2,776.26	220.14	13.611		
19,800.00	6,840.00	6,731.46	6,731.05	375.00	1.63	-90.58	-380.64	-12,193.10	3,074.69	2,859.01	215.68	14.256		
19,900.00	6,840.00	6,731.96	6,731.54	377.70	1.63	-90.59	-380.64	-12,193.10	3,154.21	2,942.84	211.37	14.923		
20,000.00	6,840.00	6,732.45	6,732.03	380.40	1.63	-90.61	-380.63	-12,193.10	3,234.86	3,027.66	207.20	15.612		
20,100.00	6,840.00	6,732.93	6,732.52	383.11	1.63	-90.62	-380.63	-12,193.11	3,316.57	3,113.39	203.18	16.323		
20,200.00	6,840.00	6,733.41	6,733.00	385.81	1.63	-90.64	-380.63	-12,193.11	3,399.26	3,199.95	199.31	17.055		
20,300.00	6,840.00	6,733.88	6,733.47	388.51	1.63	-90.65	-380.63	-12,193.11	3,482.86	3,287.28	195.57	17.809		
20,400.00	6,840.00	6,734.35	6,733.94	391.22	1.63	-90.67	-380.63	-12,193.12	3,567.29	3,375.32	191.97	18.582		
20,500.00	6,840.00	6,734.82	6,734.41	393.92	1.63	-90.68	-380.63	-12,193.12	3,652.52	3,464.01	188.51	19.376		
20,539.70	6,840.00	6,735.00	6,734.59	394.99	1.63	-90.69	-380.63	-12,193.12	3,686.56	3,499.39	187.17	19.697		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,900.00	6,840.00	7,020.51	7,019.66	65.81	2.01	-95.83	-1,495.15	-12,199.20	9,943.82	9,892.17	51.65	192.511		
8,000.00	6,840.00	7,012.98	7,012.14	67.84	2.01	-95.69	-1,495.13	-12,199.45	9,848.59	9,796.22	52.37	188.058		
8,100.00	6,840.00	7,005.69	7,004.85	69.91	2.01	-95.55	-1,495.11	-12,199.69	9,753.44	9,700.33	53.11	183.651		
8,200.00	6,840.00	6,998.61	6,997.77	72.03	2.01	-95.42	-1,495.10	-12,199.91	9,658.39	9,604.53	53.87	179.293		
8,300.00	6,840.00	6,991.74	6,990.90	74.18	2.00	-95.29	-1,495.09	-12,200.13	9,563.45	9,508.79	54.65	174.986		
8,400.00	6,840.00	6,985.07	6,984.24	76.37	2.00	-95.16	-1,495.08	-12,200.33	9,468.60	9,413.14	55.46	170.730		
8,500.00	6,840.00	6,978.59	6,977.76	78.59	2.00	-95.04	-1,495.07	-12,200.53	9,373.86	9,317.57	56.29	166.527		
8,600.00	6,840.00	6,972.29	6,971.47	80.85	2.00	-94.92	-1,495.06	-12,200.72	9,279.22	9,222.08	57.15	162.380		
8,700.00	6,840.00	6,966.17	6,965.35	83.13	2.00	-94.80	-1,495.05	-12,200.90	9,184.70	9,126.67	58.02	158.289		
8,800.00	6,840.00	6,960.21	6,959.40	85.44	2.00	-94.69	-1,495.05	-12,201.08	9,090.29	9,031.36	58.93	154.255		
8,900.00	6,840.00	6,954.42	6,953.61	87.77	2.00	-94.58	-1,495.04	-12,201.24	8,996.00	8,936.14	59.86	150.280		
9,000.00	6,840.00	6,948.79	6,947.97	90.12	2.00	-94.47	-1,495.04	-12,201.40	8,901.84	8,841.02	60.82	146.365		
9,100.00	6,840.00	6,943.30	6,942.49	92.50	2.00	-94.37	-1,495.03	-12,201.56	8,807.80	8,746.00	61.80	142.511		
9,200.00	6,840.00	6,937.95	6,937.14	94.89	2.00	-94.27	-1,495.03	-12,201.70	8,713.89	8,651.07	62.82	138.717		
9,300.00	6,840.00	6,932.74	6,931.94	97.30	2.00	-94.17	-1,495.03	-12,201.85	8,620.12	8,556.26	63.86	134.986		
9,400.00	6,840.00	9,400.00	6,877.45	99.73	2.45	-93.13	-1,495.05	-12,203.14	8,526.48	8,461.10	65.39	130.401		
9,500.00	6,840.00	9,500.00	6,875.41	102.17	2.49	-93.10	-1,495.05	-12,203.18	8,432.98	8,366.47	66.51	126.784		
9,600.00	6,840.00	9,600.00	6,873.38	104.63	2.52	-93.06	-1,495.05	-12,203.23	8,339.63	8,271.96	67.67	123.231		
9,700.00	6,840.00	9,700.00	6,871.34	107.10	2.56	-93.02	-1,495.05	-12,203.27	8,246.44	8,177.57	68.87	119.744		
9,800.00	6,840.00	6,915.80	6,915.00	109.58	2.00	-93.85	-1,495.03	-12,202.29	8,153.45	8,083.93	69.52	117.284		
9,900.00	6,840.00	6,907.42	6,906.62	112.07	2.00	-93.69	-1,495.03	-12,202.51	8,060.60	7,989.85	70.75	113.931		
10,000.00	6,840.00	6,899.51	6,898.71	114.58	2.00	-93.54	-1,495.04	-12,202.71	7,967.91	7,895.90	72.01	110.643		
10,100.00	6,840.00	6,892.03	6,891.23	117.09	1.99	-93.40	-1,495.04	-12,202.89	7,875.40	7,802.09	73.31	107.420		
10,200.00	6,840.00	6,884.94	6,884.15	119.61	1.99	-93.26	-1,495.05	-12,203.06	7,783.07	7,708.43	74.65	104.261		
10,300.00	6,840.00	6,878.22	6,877.43	122.14	1.99	-93.13	-1,495.05	-12,203.22	7,690.94	7,614.92	76.02	101.167		
10,400.00	6,840.00	6,871.84	6,871.05	124.68	1.99	-93.01	-1,495.05	-12,203.36	7,599.00	7,521.57	77.43	98.137		
10,500.00	6,840.00	6,865.77	6,864.98	127.23	1.99	-92.90	-1,495.06	-12,203.50	7,507.26	7,428.38	78.88	95.171		
10,600.00	6,840.00	6,859.99	6,859.21	129.78	1.99	-92.79	-1,495.06	-12,203.62	7,415.74	7,335.37	80.37	92.268		
10,700.00	6,840.00	6,854.48	6,853.70	132.35	1.99	-92.68	-1,495.06	-12,203.74	7,324.44	7,242.53	81.90	89.429		
10,800.00	6,840.00	6,849.23	6,848.44	134.91	1.99	-92.58	-1,495.07	-12,203.85	7,233.36	7,149.89	83.48	86.653		
10,900.00	6,840.00	6,844.20	6,843.42	137.49	1.99	-92.49	-1,495.07	-12,203.95	7,142.52	7,057.43	85.09	83.939		
11,000.00	6,840.00	6,839.40	6,838.62	140.07	1.99	-92.40	-1,495.07	-12,204.04	7,051.93	6,965.18	86.75	81.286		
11,100.00	6,840.00	6,834.80	6,834.02	142.65	1.99	-92.31	-1,495.07	-12,204.13	6,961.60	6,873.14	88.46	78.696		
11,200.00	6,840.00	6,830.40	6,829.62	145.24	1.99	-92.22	-1,495.07	-12,204.21	6,871.53	6,781.31	90.22	76.166		
11,300.00	6,840.00	6,826.17	6,825.39	147.83	1.99	-92.14	-1,495.08	-12,204.29	6,781.74	6,689.71	92.02	73.696		
11,400.00	6,840.00	6,822.12	6,821.34	150.43	1.99	-92.07	-1,495.08	-12,204.37	6,692.23	6,598.36	93.88	71.286		
11,500.00	6,840.00	6,818.22	6,817.44	153.04	1.99	-91.99	-1,495.08	-12,204.43	6,603.03	6,507.25	95.79	68.935		
11,600.00	6,840.00	6,814.48	6,813.70	155.64	1.99	-91.92	-1,495.08	-12,204.50	6,514.14	6,416.40	97.75	66.643		
11,700.00	6,840.00	6,810.87	6,810.10	158.26	1.99	-91.85	-1,495.08	-12,204.56	6,425.58	6,325.81	99.76	64.408		
11,800.00	6,840.00	6,807.40	6,806.63	160.87	1.99	-91.79	-1,495.08	-12,204.62	6,337.35	6,235.52	101.84	62.231		
11,900.00	6,840.00	6,804.06	6,803.29	163.49	1.99	-91.72	-1,495.08	-12,204.67	6,249.48	6,145.51	103.97	60.109		
12,000.00	6,840.00	6,800.84	6,800.06	166.11	1.99	-91.66	-1,495.09	-12,204.73	6,161.98	6,055.82	106.16	58.044		
12,100.00	6,840.00	6,798.29	6,797.51	168.74	1.99	-91.61	-1,495.09	-12,204.77	6,074.86	5,966.45	108.42	56.033		
12,200.00	6,840.00	6,795.99	6,795.21	171.37	1.99	-91.57	-1,495.09	-12,204.80	5,988.15	5,877.41	110.73	54.077		
12,300.00	6,840.00	6,793.73	6,792.96	174.00	1.99	-91.53	-1,495.09	-12,204.84	5,901.85	5,788.73	113.12	52.174		
12,400.00	6,840.00	6,791.52	6,790.74	176.63	1.98	-91.48	-1,495.09	-12,204.87	5,815.99	5,700.42	115.57	50.324		
12,500.00	6,840.00	6,789.34	6,788.57	179.27	1.98	-91.44	-1,495.09	-12,204.90	5,730.59	5,612.50	118.09	48.526		
12,600.00	6,840.00	6,787.20	6,786.43	181.91	1.98	-91.40	-1,495.09	-12,204.94	5,645.67	5,524.98	120.69	46.779		
12,700.00	6,840.00	6,785.10	6,784.33	184.55	1.98	-91.36	-1,495.09	-12,204.97	5,561.25	5,437.90	123.36	45.083		
12,800.00	6,840.00	6,783.04	6,782.27	187.19	1.98	-91.32	-1,495.09	-12,205.00	5,477.36	5,351.26	126.10	43.436		
12,900.00	6,840.00	6,781.01	6,780.24	189.84	1.98	-91.28	-1,495.09	-12,205.03	5,394.01	5,265.09	128.92	41.839		
13,000.00	6,840.00	6,779.02	6,778.24	192.48	1.98	-91.24	-1,495.09	-12,205.06	5,311.24	5,179.41	131.83	40.290		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	6,840.00	6,777.06	6,776.28	195.13	1.98	-91.21	-1,495.09	-12,205.09	5,229.07	5,094.25	134.81	38.788		
13,200.00	6,840.00	6,775.13	6,774.36	197.79	1.98	-91.17	-1,495.10	-12,205.11	5,147.53	5,009.65	137.88	37.333		
13,300.00	6,840.00	6,773.23	6,772.46	200.44	1.98	-91.13	-1,495.10	-12,205.14	5,066.65	4,925.61	141.04	35.924		
13,400.00	6,840.00	6,771.37	6,770.60	203.10	1.98	-91.10	-1,495.10	-12,205.17	4,986.46	4,842.18	144.28	34.561		
13,500.00	6,840.00	6,769.54	6,768.76	205.75	1.98	-91.06	-1,495.10	-12,205.19	4,907.00	4,759.39	147.61	33.242		
13,600.00	6,840.00	6,767.73	6,766.96	208.41	1.98	-91.03	-1,495.10	-12,205.22	4,828.30	4,677.27	151.04	31.967		
13,700.00	6,840.00	6,765.96	6,765.19	211.07	1.98	-91.00	-1,495.10	-12,205.24	4,750.41	4,595.85	154.56	30.736		
13,800.00	6,840.00	6,764.21	6,763.44	213.74	1.98	-90.96	-1,495.10	-12,205.27	4,673.35	4,515.18	158.17	29.546		
13,900.00	6,840.00	6,762.49	6,761.72	216.40	1.98	-90.93	-1,495.10	-12,205.29	4,597.18	4,435.30	161.88	28.399		
14,000.00	6,840.00	6,760.80	6,760.03	219.06	1.98	-90.90	-1,495.10	-12,205.31	4,521.94	4,356.25	165.69	27.292		
14,100.00	6,840.00	6,759.13	6,758.36	221.73	1.98	-90.87	-1,495.10	-12,205.33	4,447.67	4,278.08	169.59	26.226		
14,200.00	6,840.00	6,757.49	6,756.72	224.40	1.98	-90.83	-1,495.10	-12,205.36	4,374.43	4,200.84	173.59	25.200		
14,300.00	6,840.00	6,755.88	6,755.11	227.07	1.98	-90.80	-1,495.10	-12,205.38	4,302.26	4,124.57	177.69	24.212		
14,400.00	6,840.00	6,754.29	6,753.52	229.74	1.98	-90.77	-1,495.11	-12,205.40	4,231.23	4,049.34	181.89	23.263		
14,500.00	6,840.00	6,752.72	6,751.95	232.41	1.98	-90.74	-1,495.11	-12,205.42	4,161.38	3,975.20	186.18	22.351		
14,600.00	6,840.00	6,751.18	6,750.41	235.08	1.98	-90.71	-1,495.11	-12,205.44	4,092.79	3,902.22	190.57	21.477		
14,700.00	6,840.00	6,749.66	6,748.89	237.75	1.98	-90.68	-1,495.11	-12,205.46	4,025.51	3,830.47	195.04	20.639		
14,800.00	6,840.00	6,748.16	6,747.39	240.43	1.98	-90.66	-1,495.11	-12,205.48	3,959.62	3,760.00	199.61	19.837		
14,900.00	6,840.00	6,746.69	6,745.92	243.10	1.98	-90.63	-1,495.11	-12,205.50	3,895.17	3,690.91	204.26	19.069		
15,000.00	6,840.00	6,745.23	6,744.47	245.78	1.98	-90.60	-1,495.11	-12,205.51	3,832.25	3,623.26	209.00	18.336		
15,100.00	6,840.00	6,743.80	6,743.03	248.46	1.98	-90.57	-1,495.11	-12,205.53	3,770.94	3,557.14	213.80	17.638		
15,200.00	6,840.00	6,742.39	6,741.62	251.14	1.98	-90.55	-1,495.11	-12,205.55	3,711.30	3,492.63	218.67	16.972		
15,300.00	6,840.00	6,741.00	6,740.23	253.82	1.98	-90.52	-1,495.11	-12,205.57	3,653.43	3,429.83	223.60	16.339		
15,400.00	6,840.00	6,739.63	6,738.86	256.50	1.98	-90.49	-1,495.11	-12,205.58	3,597.41	3,368.83	228.58	15.738		
15,500.00	6,840.00	6,738.27	6,737.50	259.18	1.98	-90.47	-1,495.11	-12,205.60	3,543.32	3,309.73	233.59	15.169		
15,600.00	6,840.00	6,736.94	6,736.17	261.86	1.98	-90.44	-1,495.11	-12,205.61	3,491.26	3,252.64	238.63	14.631		
15,700.00	6,840.00	6,735.62	6,734.85	264.54	1.98	-90.42	-1,495.12	-12,205.63	3,441.32	3,197.65	243.67	14.123		
15,800.00	6,840.00	6,734.32	6,733.56	267.23	1.98	-90.39	-1,495.12	-12,205.65	3,393.60	3,144.89	248.71	13.645		
15,900.00	6,840.00	6,733.04	6,732.28	269.91	1.98	-90.37	-1,495.12	-12,205.66	3,348.17	3,094.45	253.72	13.196		
16,000.00	6,840.00	6,731.78	6,731.01	272.59	1.98	-90.34	-1,495.12	-12,205.68	3,305.15	3,046.46	258.69	12.776		
16,100.00	6,840.00	6,730.54	6,729.77	275.28	1.98	-90.32	-1,495.12	-12,205.69	3,264.63	3,001.03	263.60	12.385		
16,200.00	6,840.00	6,729.31	6,728.54	277.97	1.98	-90.30	-1,495.12	-12,205.70	3,226.70	2,958.28	268.42	12.021		
16,300.00	6,840.00	6,728.10	6,727.33	280.65	1.98	-90.27	-1,495.12	-12,205.72	3,191.45	2,918.31	273.13	11.685		
16,400.00	6,840.00	6,726.90	6,726.13	283.34	1.98	-90.25	-1,495.12	-12,205.73	3,158.97	2,881.26	277.72	11.375		
16,500.00	6,840.00	6,725.72	6,724.95	286.03	1.98	-90.23	-1,495.12	-12,205.74	3,129.36	2,847.21	282.14	11.091		
16,600.00	6,840.00	6,724.55	6,723.78	288.72	1.98	-90.21	-1,495.12	-12,205.76	3,102.68	2,816.29	286.39	10.834		
16,700.00	6,840.00	6,723.40	6,722.63	291.41	1.98	-90.18	-1,495.12	-12,205.77	3,079.02	2,788.59	290.43	10.602		
16,800.00	6,840.00	6,722.27	6,721.50	294.10	1.98	-90.16	-1,495.12	-12,205.78	3,058.45	2,764.21	294.24	10.394		
16,900.00	6,840.00	6,721.15	6,720.38	296.79	1.98	-90.14	-1,495.12	-12,205.80	3,041.03	2,743.23	297.80	10.212		
17,000.00	6,840.00	6,720.04	6,719.27	299.48	1.98	-90.12	-1,495.13	-12,205.81	3,026.82	2,725.72	301.10	10.053		
17,100.00	6,840.00	6,718.95	6,718.18	302.17	1.98	-90.10	-1,495.13	-12,205.82	3,015.85	2,711.75	304.10	9.917		
17,200.00	6,840.00	6,717.87	6,717.10	304.86	1.98	-90.08	-1,495.13	-12,205.83	3,008.17	2,701.38	306.80	9.805		
17,300.00	6,840.00	6,716.80	6,716.03	307.56	1.98	-90.06	-1,495.13	-12,205.84	3,003.81	2,694.63	309.17	9.716		
17,381.32	6,840.00	6,715.94	6,715.18	309.75	1.98	-90.04	-1,495.13	-12,205.85	3,002.70	2,691.84	310.86	9.659 CC		
17,400.00	6,840.00	6,715.75	6,714.98	310.25	1.98	-90.04	-1,495.13	-12,205.85	3,002.76	2,691.55	311.22	9.648 ES		
17,500.00	6,840.00	6,714.71	6,713.94	312.94	1.98	-90.02	-1,495.13	-12,205.86	3,005.05	2,692.13	312.92	9.603		
17,600.00	6,840.00	6,713.68	6,712.92	315.64	1.98	-90.00	-1,495.13	-12,205.88	3,010.66	2,696.37	314.29	9.579		
17,700.00	6,840.00	6,712.67	6,711.90	318.33	1.98	-89.98	-1,495.13	-12,205.89	3,019.57	2,704.26	315.31	9.577 SF		
17,800.00	6,840.00	6,712.78	6,712.02	321.03	1.98	-89.98	-1,495.13	-12,205.89	3,031.75	2,715.76	315.99	9.595		
17,900.00	6,840.00	6,711.73	6,710.97	323.72	1.98	-89.96	-1,495.13	-12,205.90	3,047.17	2,730.83	316.33	9.633		
18,000.00	6,840.00	6,710.69	6,709.92	326.42	1.98	-89.94	-1,495.13	-12,205.91	3,065.77	2,749.42	316.35	9.691		
18,100.00	6,840.00	6,709.65	6,708.88	329.11	1.98	-89.92	-1,495.13	-12,205.92	3,087.50	2,771.45	316.05	9.769		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO													<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 100-GYD_CT													<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,200.00	6,840.00	6,708.62	6,707.85	331.81	1.98	-89.90	-1,495.13	-12,205.93	3,112.30	2,796.84	315.46	9.866		
18,300.00	6,840.00	6,707.60	6,706.83	334.51	1.98	-89.88	-1,495.13	-12,205.94	3,140.08	2,825.50	314.58	9.982		
18,400.00	6,840.00	6,706.58	6,705.81	337.20	1.98	-89.86	-1,495.13	-12,205.95	3,170.78	2,857.35	313.43	10.116		
18,500.00	6,840.00	6,705.57	6,704.80	339.90	1.98	-89.84	-1,495.14	-12,205.96	3,204.30	2,892.26	312.04	10.269		
18,600.00	6,840.00	6,704.56	6,703.79	342.60	1.98	-89.82	-1,495.14	-12,205.97	3,240.57	2,930.15	310.42	10.439		
18,700.00	6,840.00	6,703.56	6,702.79	345.30	1.98	-89.81	-1,495.14	-12,205.98	3,279.48	2,970.89	308.59	10.627		
18,800.00	6,840.00	6,702.57	6,701.80	348.00	1.98	-89.79	-1,495.14	-12,205.99	3,320.95	3,014.38	306.57	10.833		
18,900.00	6,840.00	6,701.58	6,700.81	350.70	1.98	-89.77	-1,495.14	-12,206.00	3,364.88	3,060.49	304.38	11.055		
19,000.00	6,840.00	6,700.59	6,699.83	353.39	1.98	-89.75	-1,495.14	-12,206.01	3,411.17	3,109.12	302.05	11.293		
19,100.00	6,840.00	6,699.62	6,698.85	356.09	1.98	-89.73	-1,495.14	-12,206.02	3,459.74	3,160.15	299.59	11.548		
19,200.00	6,840.00	6,698.65	6,697.88	358.79	1.98	-89.71	-1,495.14	-12,206.03	3,510.49	3,213.47	297.01	11.819		
19,300.00	6,840.00	6,697.68	6,696.92	361.49	1.98	-89.69	-1,495.14	-12,206.03	3,563.31	3,268.97	294.35	12.106		
19,400.00	6,840.00	6,696.72	6,695.96	364.20	1.98	-89.67	-1,495.14	-12,206.04	3,618.14	3,326.53	291.60	12.408		
19,500.00	6,840.00	6,695.77	6,695.00	366.90	1.98	-89.66	-1,495.14	-12,206.05	3,674.86	3,386.07	288.80	12.725		
19,600.00	6,840.00	6,694.82	6,694.05	369.60	1.98	-89.64	-1,495.14	-12,206.06	3,733.40	3,447.47	285.94	13.057		
19,700.00	6,840.00	6,693.88	6,693.11	372.30	1.98	-89.62	-1,495.14	-12,206.07	3,793.68	3,510.63	283.04	13.403		
19,800.00	6,840.00	6,692.94	6,692.17	375.00	1.98	-89.60	-1,495.14	-12,206.08	3,855.60	3,575.48	280.13	13.764		
19,900.00	6,840.00	6,692.01	6,691.24	377.70	1.98	-89.58	-1,495.14	-12,206.09	3,919.10	3,641.91	277.19	14.139		
20,000.00	6,840.00	6,691.08	6,690.32	380.40	1.98	-89.57	-1,495.15	-12,206.10	3,984.10	3,709.85	274.25	14.527		
20,100.00	6,840.00	6,690.16	6,689.39	383.11	1.98	-89.55	-1,495.15	-12,206.11	4,050.52	3,779.21	271.32	14.929		
20,200.00	6,840.00	6,689.25	6,688.48	385.81	1.98	-89.53	-1,495.15	-12,206.11	4,118.31	3,849.91	268.39	15.344		
20,300.00	6,840.00	6,688.34	6,687.57	388.51	1.97	-89.51	-1,495.15	-12,206.12	4,187.38	3,921.89	265.48	15.773		
20,400.00	6,840.00	6,687.43	6,686.66	391.22	1.97	-89.50	-1,495.15	-12,206.13	4,257.68	3,995.08	262.60	16.214		
20,500.00	6,840.00	6,686.53	6,685.76	393.92	1.97	-89.48	-1,495.15	-12,206.14	4,329.14	4,069.40	259.74	16.667		
20,539.70	6,840.00	6,686.17	6,685.41	394.99	1.97	-89.47	-1,495.15	-12,206.14	4,357.82	4,099.21	258.61	16.851		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,700.00	6,840.00	6,840.93	6,839.66	83.13	1.78	96.53	2,479.18	-13,391.38	9,931.96	9,895.12	36.85	269.553		
8,800.00	6,840.00	6,840.13	6,838.85	85.44	1.78	96.49	2,479.18	-13,391.39	9,832.45	9,795.74	36.71	267.808		
8,900.00	6,840.00	6,839.32	6,838.05	87.77	1.78	96.44	2,479.18	-13,391.39	9,732.95	9,696.36	36.58	266.048		
9,000.00	6,840.00	6,838.51	6,837.24	90.12	1.78	96.39	2,479.18	-13,391.40	9,633.45	9,597.00	36.45	264.272		
9,100.00	6,840.00	6,837.69	6,836.42	92.50	1.78	96.34	2,479.18	-13,391.41	9,533.97	9,497.64	36.32	262.478		
9,200.00	6,840.00	6,836.87	6,835.60	94.89	1.78	96.29	2,479.18	-13,391.42	9,434.49	9,398.30	36.19	260.666		
9,300.00	6,840.00	6,836.05	6,834.77	97.30	1.78	96.25	2,479.18	-13,391.43	9,335.03	9,298.97	36.07	258.835		
9,400.00	6,840.00	6,835.21	6,833.94	99.73	1.78	96.20	2,479.17	-13,391.44	9,235.58	9,199.64	35.94	256.983		
9,500.00	6,840.00	6,834.38	6,833.11	102.17	1.78	96.15	2,479.17	-13,391.45	9,136.14	9,100.33	35.81	255.109		
9,600.00	6,840.00	6,833.54	6,832.27	104.63	1.78	96.10	2,479.17	-13,391.46	9,036.72	9,001.03	35.69	253.211		
9,700.00	6,840.00	6,832.69	6,831.42	107.10	1.78	96.05	2,479.17	-13,391.47	8,937.30	8,901.74	35.57	251.289		
9,800.00	6,840.00	6,831.84	6,830.57	109.58	1.78	96.00	2,479.17	-13,391.48	8,837.90	8,802.46	35.45	249.339		
9,900.00	6,840.00	6,830.99	6,829.72	112.07	1.78	95.95	2,479.17	-13,391.49	8,738.52	8,703.19	35.33	247.361		
10,000.00	6,840.00	6,830.13	6,828.86	114.58	1.78	95.90	2,479.17	-13,391.50	8,639.14	8,603.93	35.21	245.353		
10,100.00	6,840.00	6,829.26	6,827.99	117.09	1.78	95.85	2,479.17	-13,391.51	8,539.78	8,504.69	35.10	243.312		
10,200.00	6,840.00	6,828.39	6,827.12	119.61	1.78	95.80	2,479.17	-13,391.52	8,440.44	8,405.45	34.99	241.237		
10,300.00	6,840.00	6,827.51	6,826.24	122.14	1.78	95.75	2,479.17	-13,391.53	8,341.11	8,306.23	34.88	239.125		
10,400.00	6,840.00	6,826.63	6,825.36	124.68	1.78	95.69	2,479.17	-13,391.54	8,241.80	8,207.02	34.78	236.974		
10,500.00	6,840.00	6,825.74	6,824.47	127.23	1.78	95.64	2,479.17	-13,391.55	8,142.51	8,107.83	34.68	234.781		
10,600.00	6,840.00	6,824.85	6,823.58	129.78	1.78	95.59	2,479.17	-13,391.56	8,043.23	8,008.64	34.59	232.544		
10,700.00	6,840.00	6,823.95	6,822.68	132.35	1.78	95.54	2,479.17	-13,391.57	7,943.97	7,909.47	34.50	230.260		
10,800.00	6,840.00	6,823.05	6,821.78	134.91	1.78	95.48	2,479.17	-13,391.58	7,844.73	7,810.31	34.42	227.927		
10,900.00	6,840.00	6,822.14	6,820.87	137.49	1.78	95.43	2,479.17	-13,391.59	7,745.51	7,711.17	34.34	225.541		
11,000.00	6,840.00	6,821.23	6,819.96	140.07	1.78	95.38	2,479.17	-13,391.61	7,646.31	7,612.03	34.27	223.099		
11,100.00	6,840.00	6,820.31	6,819.04	142.65	1.78	95.32	2,479.17	-13,391.62	7,547.13	7,512.91	34.21	220.597		
11,200.00	6,840.00	6,819.38	6,818.11	145.24	1.78	95.27	2,479.17	-13,391.63	7,447.97	7,413.81	34.16	218.034		
11,300.00	6,840.00	6,818.45	6,817.18	147.83	1.78	95.21	2,479.17	-13,391.64	7,348.83	7,314.71	34.12	215.404		
11,400.00	6,840.00	6,817.51	6,816.24	150.43	1.78	95.16	2,479.17	-13,391.65	7,249.72	7,215.64	34.08	212.706		
11,500.00	6,840.00	6,816.57	6,815.30	153.04	1.78	95.10	2,479.17	-13,391.66	7,150.63	7,116.57	34.06	209.934		
11,600.00	6,840.00	6,815.62	6,814.35	155.64	1.78	95.05	2,479.17	-13,391.67	7,051.57	7,017.52	34.05	207.087		
11,700.00	6,840.00	6,814.66	6,813.39	158.26	1.78	94.99	2,479.17	-13,391.69	6,952.53	6,918.48	34.05	204.160		
11,800.00	6,840.00	6,813.70	6,812.43	160.87	1.78	94.93	2,479.17	-13,391.70	6,853.53	6,819.45	34.07	201.150		
11,900.00	6,840.00	6,812.73	6,811.46	163.49	1.78	94.88	2,479.17	-13,391.71	6,754.55	6,720.44	34.10	198.054		
12,000.00	6,840.00	6,811.76	6,810.49	166.11	1.78	94.82	2,479.16	-13,391.72	6,655.60	6,621.44	34.15	194.869		
12,100.00	6,840.00	6,810.98	6,810.71	168.74	1.78	95.01	2,479.16	-13,391.68	6,556.68	6,522.47	34.21	191.681		
12,200.00	6,840.00	6,810.12	6,810.85	171.37	1.78	94.93	2,479.16	-13,391.69	6,457.79	6,423.50	34.30	188.301		
12,300.00	6,840.00	6,810.26	6,810.99	174.00	1.78	94.84	2,479.16	-13,391.71	6,358.95	6,324.54	34.41	184.824		
12,400.00	6,840.00	6,810.69	6,809.42	176.63	1.78	94.76	2,479.16	-13,391.73	6,260.13	6,225.60	34.54	181.250		
12,500.00	6,840.00	6,809.27	6,808.00	179.27	1.78	94.67	2,479.16	-13,391.75	6,161.36	6,126.66	34.70	177.576		
12,600.00	6,840.00	6,807.85	6,806.59	181.91	1.78	94.59	2,479.16	-13,391.77	6,062.63	6,027.75	34.88	173.803		
12,700.00	6,840.00	6,806.44	6,805.17	184.55	1.78	94.51	2,479.16	-13,391.79	5,963.94	5,928.84	35.10	169.932		
12,800.00	6,840.00	6,805.03	6,803.76	187.19	1.78	94.42	2,479.16	-13,391.81	5,865.29	5,829.95	35.34	165.962		
12,900.00	6,840.00	6,803.63	6,802.36	189.84	1.78	94.34	2,479.16	-13,391.82	5,766.69	5,731.07	35.62	161.897		
13,000.00	6,840.00	6,802.23	6,800.96	192.48	1.78	94.26	2,479.16	-13,391.84	5,668.13	5,632.20	35.93	157.739		
13,100.00	6,840.00	6,800.83	6,799.56	195.13	1.78	94.18	2,479.16	-13,391.86	5,569.63	5,533.35	36.29	153.493		
13,200.00	6,840.00	6,799.43	6,798.17	197.79	1.78	94.09	2,479.16	-13,391.88	5,471.18	5,434.50	36.68	149.163		
13,300.00	6,840.00	6,798.04	6,796.78	200.44	1.78	94.01	2,479.16	-13,391.90	5,372.79	5,335.68	37.12	144.756		
13,400.00	6,840.00	6,796.66	6,795.39	203.10	1.78	93.93	2,479.16	-13,391.91	5,274.46	5,236.86	37.60	140.278		
13,500.00	6,840.00	6,795.28	6,794.01	205.75	1.78	93.85	2,479.16	-13,391.93	5,176.20	5,138.06	38.13	135.737		
13,600.00	6,840.00	6,793.90	6,792.63	208.41	1.78	93.77	2,479.16	-13,391.95	5,078.00	5,039.28	38.72	131.144		
13,700.00	6,840.00	6,792.52	6,791.25	211.07	1.78	93.69	2,479.16	-13,391.97	4,979.87	4,940.50	39.36	126.507		
13,800.00	6,840.00	6,791.15	6,789.88	213.74	1.78	93.60	2,479.16	-13,391.98	4,881.82	4,841.75	40.07	121.837		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,900.00	6,840.00	6,789.78	6,788.51	216.40	1.78	93.52	2,479.16	-13,392.00	4,783.84	4,743.01	40.84	117.147		
14,000.00	6,840.00	6,788.42	6,787.15	219.06	1.78	93.44	2,479.16	-13,392.02	4,685.96	4,644.28	41.67	112.448		
14,100.00	6,840.00	6,787.06	6,785.79	221.73	1.78	93.36	2,479.16	-13,392.04	4,588.16	4,545.58	42.58	107.752		
14,200.00	6,840.00	6,785.70	6,784.43	224.40	1.78	93.28	2,479.16	-13,392.05	4,490.46	4,446.89	43.57	103.072		
14,300.00	6,840.00	6,784.35	6,783.08	227.07	1.78	93.20	2,479.16	-13,392.07	4,392.86	4,348.23	44.63	98.421		
14,400.00	6,840.00	6,783.00	6,781.73	229.74	1.78	93.12	2,479.16	-13,392.09	4,295.38	4,249.59	45.79	93.811		
14,500.00	6,840.00	6,781.65	6,780.38	232.41	1.78	93.04	2,479.16	-13,392.11	4,198.01	4,150.97	47.03	89.255		
14,600.00	6,840.00	6,780.31	6,779.04	235.08	1.78	92.96	2,479.15	-13,392.12	4,100.77	4,052.39	48.38	84.764		
14,700.00	6,840.00	6,778.97	6,777.70	237.75	1.78	92.89	2,479.15	-13,392.14	4,003.66	3,953.83	49.83	80.350		
14,800.00	6,840.00	6,777.63	6,776.37	240.43	1.78	92.81	2,479.15	-13,392.16	3,906.70	3,855.31	51.39	76.023		
14,900.00	6,840.00	6,776.30	6,775.03	243.10	1.78	92.73	2,479.15	-13,392.17	3,809.89	3,756.83	53.07	71.794		
15,000.00	6,840.00	6,774.97	6,773.71	245.78	1.78	92.65	2,479.15	-13,392.19	3,713.26	3,658.39	54.87	67.670		
15,100.00	6,840.00	6,773.65	6,772.38	248.46	1.78	92.57	2,479.15	-13,392.21	3,616.81	3,559.99	56.81	63.661		
15,200.00	6,840.00	6,772.33	6,771.06	251.14	1.78	92.49	2,479.15	-13,392.22	3,520.55	3,461.65	58.90	59.772		
15,300.00	6,840.00	6,771.01	6,769.74	253.82	1.78	92.41	2,479.15	-13,392.24	3,424.51	3,363.37	61.14	56.010		
15,400.00	6,840.00	6,769.69	6,768.43	256.50	1.78	92.34	2,479.15	-13,392.26	3,328.70	3,265.15	63.55	52.381		
15,500.00	6,840.00	6,768.38	6,767.12	259.18	1.78	92.26	2,479.15	-13,392.27	3,233.14	3,167.01	66.13	48.887		
15,600.00	6,840.00	6,767.08	6,765.81	261.86	1.78	92.18	2,479.15	-13,392.29	3,137.86	3,068.95	68.91	45.533		
15,700.00	6,840.00	6,765.77	6,764.50	264.54	1.78	92.10	2,479.15	-13,392.31	3,042.89	2,970.98	71.90	42.319		
15,800.00	6,840.00	6,764.47	6,763.20	267.23	1.78	92.03	2,479.15	-13,392.32	2,948.24	2,873.12	75.12	39.249		
15,900.00	6,840.00	6,763.17	6,761.91	269.91	1.78	91.95	2,479.15	-13,392.34	2,853.96	2,775.39	78.58	36.321		
16,000.00	6,840.00	6,761.88	6,760.61	272.59	1.78	91.87	2,479.15	-13,392.35	2,760.08	2,677.78	82.30	33.537		
16,100.00	6,840.00	6,760.59	6,759.32	275.28	1.78	91.80	2,479.15	-13,392.37	2,666.65	2,580.34	86.31	30.895		
16,200.00	6,840.00	6,759.30	6,758.04	277.97	1.78	91.72	2,479.15	-13,392.39	2,573.71	2,483.07	90.64	28.395		
16,300.00	6,840.00	6,758.02	6,756.75	280.65	1.78	91.64	2,479.14	-13,392.40	2,481.32	2,386.00	95.31	26.033		
16,400.00	6,840.00	6,756.74	6,755.47	283.34	1.78	91.57	2,479.14	-13,392.42	2,389.53	2,289.17	100.36	23.809		
16,500.00	6,840.00	6,755.46	6,754.19	286.03	1.78	91.49	2,479.14	-13,392.43	2,298.44	2,192.61	105.82	21.719		
16,600.00	6,840.00	6,754.18	6,752.92	288.72	1.78	91.42	2,479.14	-13,392.45	2,208.11	2,096.37	111.74	19.761		
16,700.00	6,840.00	6,752.91	6,751.65	291.41	1.78	91.34	2,479.14	-13,392.46	2,118.66	2,000.50	118.15	17.931		
16,800.00	6,840.00	6,751.65	6,750.38	294.10	1.78	91.27	2,479.14	-13,392.48	2,030.18	1,905.07	125.11	16.227		
16,900.00	6,840.00	6,750.38	6,749.12	296.79	1.78	91.19	2,479.14	-13,392.50	1,942.83	1,810.15	132.67	14.644		
17,000.00	6,840.00	6,749.12	6,747.86	299.48	1.78	91.12	2,479.14	-13,392.51	1,856.75	1,715.85	140.89	13.178		
17,100.00	6,840.00	6,747.86	6,746.60	302.17	1.78	91.04	2,479.14	-13,392.53	1,772.13	1,622.30	149.83	11.828		
17,200.00	6,840.00	6,746.61	6,745.34	304.86	1.78	90.97	2,479.14	-13,392.54	1,689.19	1,529.64	159.55	10.587		
17,300.00	6,840.00	6,745.36	6,744.09	307.56	1.78	90.89	2,479.14	-13,392.56	1,608.19	1,438.08	170.11	9.454		
17,400.00	6,840.00	6,744.11	6,742.84	310.25	1.78	90.82	2,479.14	-13,392.57	1,529.44	1,347.88	181.57	8.424		
17,500.00	6,840.00	6,742.86	6,741.60	312.94	1.78	90.75	2,479.14	-13,392.59	1,453.31	1,259.34	193.97	7.493		
17,600.00	6,840.00	6,741.62	6,740.36	315.64	1.78	90.67	2,479.14	-13,392.60	1,380.23	1,172.90	207.33	6.657		
17,700.00	6,840.00	6,740.38	6,739.12	318.33	1.78	90.60	2,479.13	-13,392.62	1,310.70	1,089.07	221.63	5.914		
17,800.00	6,840.00	6,739.15	6,737.88	321.03	1.78	90.53	2,479.13	-13,392.63	1,245.33	1,008.53	236.80	5.259		
17,900.00	6,840.00	6,737.92	6,736.65	323.72	1.78	90.45	2,479.13	-13,392.65	1,184.80	932.14	252.66	4.689		
18,000.00	6,840.00	6,736.69	6,735.42	326.42	1.78	90.38	2,479.13	-13,392.66	1,129.89	860.95	268.94	4.201		
18,100.00	6,840.00	6,735.46	6,734.20	329.11	1.78	90.31	2,479.13	-13,392.68	1,081.45	796.23	285.22	3.792		
18,200.00	6,840.00	6,734.24	6,732.97	331.81	1.78	90.24	2,479.13	-13,392.69	1,040.40	739.46	300.94	3.457		
18,300.00	6,840.00	6,733.02	6,731.75	334.51	1.78	90.16	2,479.13	-13,392.71	1,007.63	692.23	315.40	3.195		
18,400.00	6,840.00	6,731.80	6,730.54	337.20	1.78	90.09	2,479.13	-13,392.72	983.98	656.14	327.84	3.001		
18,500.00	6,840.00	6,730.59	6,729.32	339.90	1.78	90.02	2,479.13	-13,392.74	970.10	632.59	337.51	2.874		
18,585.59	6,840.00	6,729.55	6,728.29	342.21	1.78	89.96	2,479.13	-13,392.75	966.32	623.16	343.16	2.816 CC		
18,600.00	6,840.00	6,729.38	6,728.11	342.60	1.78	89.95	2,479.13	-13,392.75	966.43	622.57	343.86	2.811 ES		
18,700.00	6,840.00	6,728.17	6,726.91	345.30	1.78	89.88	2,479.13	-13,392.77	973.07	626.47	346.60	2.807 SF		
18,800.00	6,840.00	6,726.96	6,725.70	348.00	1.78	89.80	2,479.13	-13,392.78	989.82	644.02	345.80	2.862		
18,900.00	6,840.00	6,725.76	6,724.50	350.70	1.78	89.73	2,479.12	-13,392.79	1,016.18	674.36	341.81	2.973		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT OSTER 21-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
19,000.00	6,840.00	6,724.56	6,723.30	353.39	1.78	89.66	2,479.12	-13,392.81	1,051.42	716.20	335.22	3.137		
19,100.00	6,840.00	6,723.37	6,722.11	356.09	1.78	89.59	2,479.12	-13,392.82	1,094.69	768.00	326.69	3.351		
19,200.00	6,840.00	6,722.18	6,720.91	358.79	1.78	89.52	2,479.12	-13,392.84	1,145.09	828.22	316.87	3.614		
19,300.00	6,840.00	6,720.99	6,719.72	361.49	1.78	89.45	2,479.12	-13,392.85	1,201.70	895.39	306.31	3.923		
19,400.00	6,840.00	6,719.80	6,718.54	364.20	1.78	89.38	2,479.12	-13,392.87	1,263.70	968.22	295.48	4.277		
19,500.00	6,840.00	6,718.62	6,717.35	366.90	1.78	89.31	2,479.12	-13,392.88	1,330.34	1,045.65	284.69	4.673		
19,600.00	6,840.00	6,717.44	6,716.17	369.60	1.78	89.24	2,479.12	-13,392.89	1,400.95	1,126.77	274.18	5.110		
19,700.00	6,840.00	6,716.26	6,715.00	372.30	1.78	89.17	2,479.12	-13,392.91	1,474.96	1,210.86	264.09	5.585		
19,800.00	6,840.00	6,715.08	6,713.82	375.00	1.78	89.10	2,479.12	-13,392.92	1,551.89	1,297.37	254.52	6.097		
19,900.00	6,840.00	6,713.91	6,712.65	377.70	1.78	89.03	2,479.12	-13,392.94	1,631.32	1,385.83	245.49	6.645		
20,000.00	6,840.00	6,712.74	6,711.48	380.40	1.78	88.96	2,479.12	-13,392.95	1,712.90	1,475.89	237.01	7.227		
20,100.00	6,840.00	6,711.58	6,710.31	383.11	1.78	88.89	2,479.11	-13,392.96	1,796.35	1,567.26	229.09	7.841		
20,200.00	6,840.00	6,710.41	6,709.15	385.81	1.78	88.82	2,479.11	-13,392.98	1,881.41	1,659.71	221.70	8.486		
20,300.00	6,840.00	6,709.33	6,708.07	388.51	1.78	88.76	2,479.11	-13,392.99	1,967.88	1,753.07	214.81	9.161		
20,400.00	6,840.00	6,708.18	6,706.91	391.22	1.78	88.69	2,479.11	-13,393.00	2,055.57	1,847.18	208.39	9.864		
20,500.00	6,840.00	6,707.02	6,705.76	393.92	1.78	88.62	2,479.11	-13,393.02	2,144.35	1,941.94	202.41	10.594		
20,539.70	6,840.00	6,706.56	6,705.30	394.99	1.78	88.59	2,479.11	-13,393.02	2,179.85	1,979.71	200.14	10.891		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,800.00	6,840.00	6,704.80	6,703.19	85.44	1.80	-89.08	-395.96	-13,344.07	9,909.89	9,858.56	51.33	193.050		
8,900.00	6,840.00	6,703.98	6,702.37	87.77	1.80	-89.05	-395.92	-13,344.07	9,811.79	9,759.94	51.84	189.254		
9,000.00	6,840.00	6,703.18	6,701.57	90.12	1.80	-89.03	-395.88	-13,344.08	9,713.72	9,661.35	52.37	185.484		
9,100.00	6,840.00	6,702.39	6,700.78	92.50	1.80	-89.00	-395.84	-13,344.08	9,615.69	9,562.78	52.91	181.741		
9,200.00	6,840.00	6,701.61	6,700.00	94.89	1.80	-88.98	-395.81	-13,344.08	9,517.70	9,464.23	53.46	178.025		
9,300.00	6,840.00	6,700.84	6,699.24	97.30	1.80	-88.96	-395.77	-13,344.09	9,419.75	9,365.72	54.03	174.338		
9,400.00	6,840.00	6,700.09	6,698.48	99.73	1.80	-88.93	-395.74	-13,344.09	9,321.84	9,267.23	54.62	170.679		
9,500.00	6,840.00	6,700.00	6,698.39	102.17	1.80	-88.93	-395.73	-13,344.09	9,223.99	9,168.77	55.22	167.052		
9,600.00	6,840.00	6,700.00	6,698.39	104.63	1.80	-88.93	-395.73	-13,344.09	9,126.17	9,070.34	55.83	163.454		
9,700.00	6,840.00	6,700.00	6,698.39	107.10	1.80	-88.93	-395.73	-13,344.09	9,028.41	8,971.94	56.47	159.889		
9,800.00	6,840.00	6,700.00	6,698.39	109.58	1.80	-88.93	-395.73	-13,344.09	8,930.69	8,873.58	57.12	156.355		
9,900.00	6,840.00	6,700.00	6,698.39	112.07	1.80	-88.93	-395.73	-13,344.09	8,833.03	8,775.24	57.79	152.855		
10,000.00	6,840.00	6,700.00	6,698.39	114.58	1.80	-88.93	-395.73	-13,344.09	8,735.42	8,676.95	58.47	149.388		
10,100.00	6,840.00	6,700.00	6,698.39	117.09	1.80	-88.93	-395.73	-13,344.09	8,637.86	8,578.68	59.18	145.955		
10,200.00	6,840.00	6,700.00	6,698.39	119.61	1.80	-88.93	-395.73	-13,344.09	8,540.36	8,480.46	59.91	142.557		
10,300.00	6,840.00	6,700.00	6,698.39	122.14	1.80	-88.93	-395.73	-13,344.09	8,442.92	8,382.27	60.66	139.195		
10,400.00	6,840.00	6,700.00	6,698.39	124.68	1.80	-88.93	-395.73	-13,344.09	8,345.54	8,284.12	61.42	135.869		
10,500.00	6,840.00	6,700.00	6,698.39	127.23	1.80	-88.93	-395.73	-13,344.09	8,248.22	8,186.01	62.21	132.580		
10,600.00	6,840.00	6,700.00	6,698.39	129.78	1.80	-88.93	-395.73	-13,344.09	8,150.97	8,087.95	63.03	129.329		
10,700.00	6,840.00	6,700.00	6,698.39	132.35	1.80	-88.93	-395.73	-13,344.09	8,053.79	7,989.92	63.86	126.115		
10,800.00	6,840.00	6,700.00	6,698.39	134.91	1.80	-88.93	-395.73	-13,344.09	7,956.67	7,891.95	64.72	122.940		
10,900.00	6,840.00	6,700.00	6,698.39	137.49	1.80	-88.93	-395.73	-13,344.09	7,859.63	7,794.02	65.60	119.804		
11,000.00	6,840.00	6,700.00	6,698.39	140.07	1.80	-88.93	-395.73	-13,344.09	7,762.66	7,696.14	66.51	116.708		
11,100.00	6,840.00	6,700.00	6,698.39	142.65	1.80	-88.93	-395.73	-13,344.09	7,665.77	7,598.32	67.45	113.651		
11,200.00	6,840.00	6,700.00	6,698.39	145.24	1.80	-88.93	-395.73	-13,344.09	7,568.96	7,500.54	68.41	110.635		
11,300.00	6,840.00	6,700.00	6,698.39	147.83	1.80	-88.93	-395.73	-13,344.09	7,472.23	7,402.82	69.41	107.660		
11,400.00	6,840.00	6,700.00	6,698.39	150.43	1.80	-88.93	-395.73	-13,344.09	7,375.59	7,305.16	70.43	104.726		
11,500.00	6,840.00	6,700.00	6,698.39	153.04	1.80	-88.93	-395.73	-13,344.09	7,279.04	7,207.56	71.48	101.834		
11,600.00	6,840.00	6,700.00	6,698.39	155.64	1.80	-88.93	-395.73	-13,344.09	7,182.59	7,110.03	72.56	98.984		
11,700.00	6,840.00	6,700.00	6,698.39	158.26	1.80	-88.93	-395.73	-13,344.09	7,086.24	7,012.56	73.68	96.176		
11,800.00	6,840.00	6,700.00	6,698.39	160.87	1.80	-88.93	-395.73	-13,344.09	6,989.98	6,915.15	74.83	93.410		
11,900.00	6,840.00	6,700.00	6,698.39	163.49	1.80	-88.93	-395.73	-13,344.09	6,893.84	6,817.82	76.02	90.688		
12,000.00	6,840.00	6,700.00	6,698.39	166.11	1.80	-88.93	-395.73	-13,344.09	6,797.80	6,720.56	77.24	88.009		
12,100.00	6,840.00	6,700.00	6,698.39	168.74	1.80	-88.93	-395.73	-13,344.09	6,701.88	6,623.38	78.50	85.373		
12,200.00	6,840.00	6,700.00	6,698.39	171.37	1.80	-88.93	-395.73	-13,344.09	6,606.09	6,526.29	79.80	82.781		
12,300.00	6,840.00	6,700.00	6,698.39	174.00	1.80	-88.93	-395.73	-13,344.09	6,510.42	6,429.27	81.14	80.233		
12,400.00	6,840.00	6,700.00	6,698.39	176.63	1.80	-88.93	-395.73	-13,344.09	6,414.88	6,332.35	82.53	77.729		
12,500.00	6,840.00	6,700.00	6,698.39	179.27	1.80	-88.93	-395.73	-13,344.09	6,319.48	6,235.52	83.96	75.269		
12,600.00	6,840.00	6,700.00	6,698.39	181.91	1.80	-88.93	-395.73	-13,344.09	6,224.22	6,138.78	85.44	72.853		
12,700.00	6,840.00	6,700.00	6,698.39	184.55	1.80	-88.93	-395.73	-13,344.09	6,129.11	6,042.15	86.96	70.482		
12,800.00	6,840.00	6,700.00	6,698.39	187.19	1.80	-88.93	-395.73	-13,344.09	6,034.17	5,945.63	88.54	68.155		
12,900.00	6,840.00	6,700.00	6,698.39	189.84	1.80	-88.93	-395.73	-13,344.09	5,939.38	5,849.22	90.16	65.873		
13,000.00	6,840.00	6,700.00	6,698.39	192.48	1.80	-88.93	-395.73	-13,344.09	5,844.78	5,752.93	91.85	63.636		
13,100.00	6,840.00	6,700.00	6,698.39	195.13	1.80	-88.93	-395.73	-13,344.09	5,750.35	5,656.76	93.59	61.444		
13,200.00	6,840.00	6,700.00	6,698.39	197.79	1.80	-88.93	-395.73	-13,344.09	5,656.12	5,560.73	95.39	59.296		
13,300.00	6,840.00	6,700.00	6,698.39	200.44	1.80	-88.93	-395.73	-13,344.09	5,562.09	5,464.84	97.25	57.194		
13,400.00	6,840.00	6,700.00	6,698.39	203.10	1.80	-88.93	-395.73	-13,344.09	5,468.27	5,369.09	99.18	55.136		
13,500.00	6,840.00	6,700.00	6,698.39	205.75	1.80	-88.93	-395.73	-13,344.09	5,374.67	5,273.49	101.17	53.123		
13,600.00	6,840.00	6,700.00	6,698.39	208.41	1.80	-88.93	-395.73	-13,344.09	5,281.31	5,178.06	103.24	51.154		
13,700.00	6,840.00	6,685.45	6,683.86	211.07	1.80	-88.49	-395.08	-13,344.18	5,188.16	5,082.78	105.38	49.235		
13,800.00	6,840.00	6,685.02	6,683.43	213.74	1.80	-88.48	-395.06	-13,344.19	5,095.30	4,987.70	107.60	47.356		
13,900.00	6,840.00	6,684.58	6,682.99	216.40	1.80	-88.47	-395.04	-13,344.19	5,002.72	4,892.82	109.90	45.522		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,000.00	6,840.00	6,684.14	6,682.55	219.06	1.80	-88.45	-395.02	-13,344.19	4,910.43	4,798.14	112.28	43.732		
14,100.00	6,840.00	6,683.69	6,682.10	221.73	1.80	-88.44	-395.00	-13,344.20	4,818.44	4,703.68	114.76	41.987		
14,200.00	6,840.00	6,683.23	6,681.64	224.40	1.80	-88.43	-394.98	-13,344.20	4,726.79	4,609.45	117.33	40.285		
14,300.00	6,840.00	6,682.77	6,681.18	227.07	1.80	-88.41	-394.96	-13,344.20	4,635.47	4,515.47	120.00	38.628		
14,400.00	6,840.00	6,682.30	6,680.71	229.74	1.80	-88.40	-394.94	-13,344.21	4,544.53	4,421.75	122.77	37.015		
14,500.00	6,840.00	6,681.83	6,680.24	232.41	1.80	-88.39	-394.92	-13,344.21	4,453.97	4,328.31	125.65	35.446		
14,600.00	6,840.00	6,681.35	6,679.76	235.08	1.80	-88.37	-394.90	-13,344.21	4,363.82	4,235.17	128.65	33.920		
14,700.00	6,840.00	6,680.87	6,679.28	237.75	1.80	-88.36	-394.88	-13,344.22	4,274.11	4,142.35	131.76	32.438		
14,800.00	6,840.00	6,680.37	6,678.78	240.43	1.80	-88.34	-394.85	-13,344.22	4,184.87	4,049.87	135.00	30.999		
14,900.00	6,840.00	6,679.87	6,678.29	243.10	1.80	-88.33	-394.83	-13,344.22	4,096.12	3,957.76	138.37	29.603		
15,000.00	6,840.00	6,679.37	6,677.78	245.78	1.80	-88.31	-394.81	-13,344.23	4,007.91	3,866.04	141.87	28.250		
15,100.00	6,840.00	6,678.85	6,677.27	248.46	1.80	-88.30	-394.79	-13,344.23	3,920.26	3,774.74	145.52	26.939		
15,200.00	6,840.00	6,678.33	6,676.75	251.14	1.80	-88.28	-394.76	-13,344.24	3,833.21	3,683.89	149.32	25.671		
15,300.00	6,840.00	6,677.81	6,676.22	253.82	1.80	-88.26	-394.74	-13,344.24	3,746.82	3,593.54	153.28	24.445		
15,400.00	6,840.00	6,677.27	6,675.69	256.50	1.80	-88.25	-394.72	-13,344.24	3,661.11	3,503.71	157.40	23.261		
15,500.00	6,840.00	6,676.73	6,675.14	259.18	1.80	-88.23	-394.69	-13,344.25	3,576.15	3,414.46	161.69	22.118		
15,600.00	6,840.00	6,676.18	6,674.60	261.86	1.80	-88.22	-394.67	-13,344.25	3,491.98	3,325.82	166.16	21.016		
15,700.00	6,840.00	6,675.62	6,674.04	264.54	1.80	-88.20	-394.65	-13,344.26	3,408.67	3,237.86	170.81	19.956		
15,800.00	6,840.00	6,675.06	6,673.47	267.23	1.80	-88.18	-394.62	-13,344.26	3,326.27	3,150.62	175.66	18.936		
15,900.00	6,840.00	6,674.48	6,672.90	269.91	1.80	-88.17	-394.60	-13,344.27	3,244.87	3,064.17	180.70	17.957		
16,000.00	6,840.00	6,673.90	6,672.32	272.59	1.80	-88.15	-394.57	-13,344.27	3,164.54	2,978.58	185.96	17.018		
16,100.00	6,840.00	6,673.31	6,671.73	275.28	1.80	-88.13	-394.55	-13,344.28	3,085.35	2,893.93	191.42	16.118		
16,200.00	6,840.00	6,672.71	6,671.13	277.97	1.80	-88.11	-394.52	-13,344.28	3,007.40	2,810.31	197.09	15.259		
16,300.00	6,840.00	6,672.10	6,670.52	280.65	1.80	-88.09	-394.49	-13,344.29	2,930.79	2,727.80	202.99	14.438		
16,400.00	6,840.00	6,671.48	6,669.90	283.34	1.80	-88.07	-394.47	-13,344.29	2,855.63	2,646.53	209.11	13.656		
16,500.00	6,840.00	6,670.85	6,669.28	286.03	1.80	-88.06	-394.44	-13,344.30	2,782.04	2,566.60	215.44	12.913		
16,600.00	6,840.00	6,670.22	6,668.64	288.72	1.80	-88.04	-394.41	-13,344.30	2,710.13	2,488.14	221.99	12.208		
16,700.00	6,840.00	6,669.57	6,667.99	291.41	1.80	-88.02	-394.38	-13,344.31	2,640.06	2,411.31	228.75	11.541		
16,800.00	6,840.00	6,668.92	6,667.34	294.10	1.80	-88.00	-394.36	-13,344.31	2,571.96	2,336.26	235.70	10.912		
16,900.00	6,840.00	6,668.25	6,666.67	296.79	1.80	-87.98	-394.33	-13,344.32	2,506.01	2,263.17	242.84	10.320		
17,000.00	6,840.00	6,667.57	6,666.00	299.48	1.80	-87.96	-394.30	-13,344.33	2,442.37	2,192.23	250.14	9.764		
17,100.00	6,840.00	6,666.88	6,665.31	302.17	1.80	-87.94	-394.27	-13,344.33	2,381.22	2,123.66	257.57	9.245		
17,200.00	6,840.00	6,666.18	6,664.61	304.86	1.80	-87.92	-394.24	-13,344.34	2,322.78	2,057.69	265.09	8.762		
17,300.00	6,840.00	6,665.47	6,663.90	307.56	1.80	-87.89	-394.21	-13,344.34	2,267.24	1,994.58	272.67	8.315		
17,400.00	6,840.00	6,664.75	6,663.18	310.25	1.80	-87.87	-394.18	-13,344.35	2,214.83	1,934.59	280.24	7.903		
17,500.00	6,840.00	6,664.02	6,662.45	312.94	1.80	-87.85	-394.15	-13,344.36	2,165.77	1,878.02	287.75	7.527		
17,600.00	6,840.00	6,663.27	6,661.70	315.64	1.80	-87.83	-394.11	-13,344.36	2,120.29	1,825.17	295.12	7.185		
17,700.00	6,840.00	6,662.51	6,660.94	318.33	1.80	-87.81	-394.08	-13,344.37	2,078.63	1,776.36	302.27	6.877		
17,800.00	6,840.00	6,661.74	6,660.17	321.03	1.80	-87.78	-394.05	-13,344.38	2,041.02	1,731.90	309.11	6.603		
17,900.00	6,840.00	6,660.96	6,659.39	323.72	1.80	-87.76	-394.02	-13,344.39	2,007.69	1,692.13	315.56	6.362		
18,000.00	6,840.00	6,660.16	6,658.59	326.42	1.80	-87.74	-393.98	-13,344.39	1,978.86	1,657.36	321.50	6.155		
18,100.00	6,840.00	6,659.35	6,657.78	329.11	1.80	-87.71	-393.95	-13,344.40	1,954.73	1,627.88	326.85	5.981		
18,200.00	6,840.00	6,658.52	6,656.96	331.81	1.80	-87.69	-393.91	-13,344.41	1,935.46	1,603.95	331.51	5.838		
18,300.00	6,840.00	6,657.68	6,656.12	334.51	1.80	-87.66	-393.88	-13,344.42	1,921.22	1,585.81	335.41	5.728		
18,400.00	6,840.00	6,656.83	6,655.26	337.20	1.80	-87.63	-393.84	-13,344.43	1,912.10	1,573.64	338.47	5.649		
18,500.00	6,840.00	6,655.96	6,654.40	339.90	1.80	-87.61	-393.81	-13,344.44	1,908.19	1,567.55	340.64	5.602		
18,524.71	6,840.00	6,655.74	6,654.18	340.57	1.80	-87.60	-393.80	-13,344.44	1,908.03	1,567.00	341.04	5.595 CC, ES		
18,600.00	6,840.00	6,655.07	6,653.51	342.60	1.79	-87.58	-393.77	-13,344.44	1,909.52	1,567.62	341.90	5.585 SF		
18,700.00	6,840.00	6,654.17	6,652.61	345.30	1.79	-87.56	-393.73	-13,344.45	1,916.07	1,573.83	342.24	5.599		
18,800.00	6,840.00	6,653.25	6,651.69	348.00	1.79	-87.53	-393.69	-13,344.46	1,927.79	1,586.12	341.67	5.642		
18,900.00	6,840.00	6,652.32	6,650.76	350.70	1.79	-87.50	-393.65	-13,344.47	1,944.59	1,604.35	340.24	5.715		
19,000.00	6,840.00	6,651.37	6,649.81	353.39	1.79	-87.47	-393.61	-13,344.48	1,966.33	1,628.34	337.99	5.818		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT OSTER 27-11G GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,100.00	6,840.00	6,650.40	6,648.84	356.09	1.79	-87.44	-393.57	-13,344.49	1,992.87	1,657.86	335.01	5.949	
19,200.00	6,840.00	6,649.41	6,647.85	358.79	1.79	-87.41	-393.53	-13,344.50	2,024.00	1,692.64	331.36	6.108	
19,300.00	6,840.00	6,648.40	6,646.84	361.49	1.79	-87.38	-393.49	-13,344.51	2,059.52	1,732.38	327.14	6.296	
19,400.00	6,840.00	6,647.37	6,645.81	364.20	1.79	-87.35	-393.45	-13,344.53	2,099.20	1,776.77	322.43	6.511	
19,500.00	6,840.00	6,646.32	6,644.77	366.90	1.79	-87.32	-393.41	-13,344.54	2,142.82	1,825.49	317.33	6.753	
19,600.00	6,840.00	6,645.25	6,643.70	369.60	1.79	-87.29	-393.36	-13,344.55	2,190.14	1,878.23	311.91	7.022	
19,700.00	6,840.00	6,644.16	6,642.61	372.30	1.79	-87.25	-393.32	-13,344.56	2,240.93	1,934.66	306.27	7.317	
19,800.00	6,840.00	6,643.05	6,641.50	375.00	1.79	-87.22	-393.27	-13,344.57	2,294.95	1,994.49	300.46	7.638	
19,900.00	6,840.00	6,641.92	6,640.37	377.70	1.79	-87.19	-393.23	-13,344.59	2,351.98	2,057.43	294.55	7.985	
20,000.00	6,840.00	6,640.76	6,639.21	380.40	1.79	-87.15	-393.18	-13,344.60	2,411.81	2,123.21	288.60	8.357	
20,100.00	6,840.00	6,639.58	6,638.03	383.11	1.79	-87.12	-393.13	-13,344.61	2,474.24	2,191.59	282.65	8.754	
20,200.00	6,840.00	6,638.37	6,636.82	385.81	1.79	-87.08	-393.08	-13,344.63	2,539.07	2,262.33	276.74	9.175	
20,300.00	6,840.00	6,637.14	6,635.59	388.51	1.79	-87.04	-393.03	-13,344.64	2,606.13	2,335.23	270.90	9.620	
20,400.00	6,840.00	6,635.88	6,634.33	391.22	1.79	-87.01	-392.98	-13,344.66	2,675.24	2,410.08	265.16	10.089	
20,500.00	6,840.00	6,634.59	6,633.05	393.92	1.79	-86.97	-392.93	-13,344.68	2,746.26	2,486.71	259.54	10.581	
20,539.70	6,840.00	6,634.07	6,632.53	394.99	1.79	-86.95	-392.91	-13,344.68	2,774.94	2,517.59	257.35	10.783	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 4-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,840.00	6,759.00	6,759.00	119.61	117.01	90.00	2,488.70	-14,950.97	9,990.94	9,839.71	151.23	66.064		
10,300.00	6,840.00	6,759.00	6,759.00	122.14	117.01	90.00	2,488.70	-14,950.97	9,891.42	9,740.28	151.14	65.446		
10,400.00	6,840.00	6,759.00	6,759.00	124.68	117.01	90.00	2,488.70	-14,950.97	9,791.91	9,640.86	151.05	64.827		
10,500.00	6,840.00	6,759.00	6,759.00	127.23	117.01	90.00	2,488.70	-14,950.97	9,692.40	9,541.45	150.96	64.206		
10,600.00	6,840.00	6,759.00	6,759.00	129.78	117.01	90.00	2,488.70	-14,950.97	9,592.91	9,442.04	150.87	63.584		
10,700.00	6,840.00	6,759.00	6,759.00	132.35	117.01	90.00	2,488.70	-14,950.97	9,493.43	9,342.64	150.79	62.959		
10,800.00	6,840.00	6,759.00	6,759.00	134.91	117.01	90.00	2,488.70	-14,950.97	9,393.95	9,243.25	150.71	62.333		
10,900.00	6,840.00	6,759.00	6,759.00	137.49	117.01	90.00	2,488.70	-14,950.97	9,294.49	9,143.87	150.63	61.705		
11,000.00	6,840.00	6,759.00	6,759.00	140.07	117.01	90.00	2,488.70	-14,950.97	9,195.04	9,044.49	150.55	61.075		
11,100.00	6,840.00	6,759.00	6,759.00	142.65	117.01	90.00	2,488.70	-14,950.97	9,095.61	8,945.12	150.48	60.443		
11,200.00	6,840.00	6,759.00	6,759.00	145.24	117.01	90.00	2,488.70	-14,950.97	8,996.18	8,845.77	150.42	59.809		
11,300.00	6,840.00	6,759.00	6,759.00	147.83	117.01	90.00	2,488.70	-14,950.97	8,896.77	8,746.42	150.35	59.172		
11,400.00	6,840.00	6,759.00	6,759.00	150.43	117.01	90.00	2,488.70	-14,950.97	8,797.37	8,647.08	150.30	58.533		
11,500.00	6,840.00	6,759.00	6,759.00	153.04	117.01	90.00	2,488.70	-14,950.97	8,697.99	8,547.74	150.25	57.892		
11,600.00	6,840.00	6,759.00	6,759.00	155.64	117.01	90.00	2,488.70	-14,950.97	8,598.62	8,448.42	150.20	57.248		
11,700.00	6,840.00	6,759.00	6,759.00	158.26	117.01	90.00	2,488.70	-14,950.97	8,499.26	8,349.10	150.16	56.601		
11,800.00	6,840.00	6,759.00	6,759.00	160.87	117.01	90.00	2,488.70	-14,950.97	8,399.92	8,249.79	150.13	55.952		
11,900.00	6,840.00	6,759.00	6,759.00	163.49	117.01	90.00	2,488.70	-14,950.97	8,300.60	8,150.50	150.10	55.299		
12,000.00	6,840.00	6,759.00	6,759.00	166.11	117.01	90.00	2,488.70	-14,950.97	8,201.29	8,051.20	150.09	54.644		
12,100.00	6,840.00	6,759.00	6,759.00	168.74	117.01	90.00	2,488.70	-14,950.97	8,102.00	7,951.92	150.08	53.986		
12,200.00	6,840.00	6,759.00	6,759.00	171.37	117.01	90.00	2,488.70	-14,950.97	8,002.73	7,852.65	150.08	53.324		
12,300.00	6,840.00	6,759.00	6,759.00	174.00	117.01	90.00	2,488.70	-14,950.97	7,903.47	7,753.39	150.09	52.659		
12,400.00	6,840.00	6,759.00	6,759.00	176.63	117.01	90.00	2,488.70	-14,950.97	7,804.24	7,654.13	150.11	51.991		
12,500.00	6,840.00	6,759.00	6,759.00	179.27	117.01	90.00	2,488.70	-14,950.97	7,705.02	7,554.88	150.14	51.319		
12,600.00	6,840.00	6,759.00	6,759.00	181.91	117.01	90.00	2,488.70	-14,950.97	7,605.82	7,455.64	150.18	50.644		
12,700.00	6,840.00	6,759.00	6,759.00	184.55	117.01	90.00	2,488.70	-14,950.97	7,506.65	7,356.41	150.24	49.964		
12,800.00	6,840.00	6,759.00	6,759.00	187.19	117.01	90.00	2,488.70	-14,950.97	7,407.50	7,257.19	150.31	49.281		
12,900.00	6,840.00	6,759.00	6,759.00	189.84	117.01	90.00	2,488.70	-14,950.97	7,308.37	7,157.97	150.40	48.594		
13,000.00	6,840.00	6,759.00	6,759.00	192.48	117.01	90.00	2,488.70	-14,950.97	7,209.26	7,058.77	150.50	47.902		
13,100.00	6,840.00	6,759.00	6,759.00	195.13	117.01	90.00	2,488.70	-14,950.97	7,110.19	6,959.57	150.62	47.207		
13,200.00	6,840.00	6,759.00	6,759.00	197.79	117.01	90.00	2,488.70	-14,950.97	7,011.13	6,860.38	150.76	46.506		
13,300.00	6,840.00	6,759.00	6,759.00	200.44	117.01	90.00	2,488.70	-14,950.97	6,912.11	6,761.19	150.91	45.802		
13,400.00	6,840.00	6,759.00	6,759.00	203.10	117.01	90.00	2,488.70	-14,950.97	6,813.11	6,662.02	151.09	45.092		
13,500.00	6,840.00	6,759.00	6,759.00	205.75	117.01	90.00	2,488.70	-14,950.97	6,714.14	6,562.85	151.29	44.378		
13,600.00	6,840.00	6,759.00	6,759.00	208.41	117.01	90.00	2,488.70	-14,950.97	6,615.20	6,463.68	151.52	43.660		
13,700.00	6,840.00	6,759.00	6,759.00	211.07	117.01	90.00	2,488.70	-14,950.97	6,516.30	6,364.53	151.77	42.936		
13,800.00	6,840.00	6,759.00	6,759.00	213.74	117.01	90.00	2,488.70	-14,950.97	6,417.43	6,265.38	152.04	42.207		
13,900.00	6,840.00	6,759.00	6,759.00	216.40	117.01	90.00	2,488.70	-14,950.97	6,318.59	6,166.24	152.35	41.474		
14,000.00	6,840.00	6,759.00	6,759.00	219.06	117.01	90.00	2,488.70	-14,950.97	6,219.79	6,067.11	152.69	40.736		
14,100.00	6,840.00	6,759.00	6,759.00	221.73	117.01	90.00	2,488.70	-14,950.97	6,121.03	5,967.98	153.06	39.992		
14,200.00	6,840.00	6,759.00	6,759.00	224.40	117.01	90.00	2,488.70	-14,950.97	6,022.32	5,868.86	153.46	39.244		
14,300.00	6,840.00	6,759.00	6,759.00	227.07	117.01	90.00	2,488.70	-14,950.97	5,923.64	5,769.74	153.90	38.490		
14,400.00	6,840.00	6,759.00	6,759.00	229.74	117.01	90.00	2,488.70	-14,950.97	5,825.01	5,670.63	154.38	37.732		
14,500.00	6,840.00	6,759.00	6,759.00	232.41	117.01	90.00	2,488.70	-14,950.97	5,726.43	5,571.53	154.90	36.969		
14,600.00	6,840.00	6,759.00	6,759.00	235.08	117.01	90.00	2,488.70	-14,950.97	5,627.90	5,472.43	155.46	36.201		
14,700.00	6,840.00	6,759.00	6,759.00	237.75	117.01	90.00	2,488.70	-14,950.97	5,529.42	5,373.35	156.07	35.429		
14,800.00	6,840.00	6,759.00	6,759.00	240.43	117.01	90.00	2,488.70	-14,950.97	5,430.99	5,274.26	156.73	34.652		
14,900.00	6,840.00	6,759.00	6,759.00	243.10	117.01	90.00	2,488.70	-14,950.97	5,332.63	5,175.19	157.44	33.871		
15,000.00	6,840.00	6,759.00	6,759.00	245.78	117.01	90.00	2,488.70	-14,950.97	5,234.32	5,076.12	158.20	33.086		
15,100.00	6,840.00	6,759.00	6,759.00	248.46	117.01	90.00	2,488.70	-14,950.97	5,136.09	4,977.06	159.03	32.297		
15,200.00	6,840.00	6,759.00	6,759.00	251.14	117.01	90.00	2,488.70	-14,950.97	5,037.92	4,878.01	159.91	31.505		
15,300.00	6,840.00	6,759.00	6,759.00	253.82	117.01	90.00	2,488.70	-14,950.97	4,939.82	4,778.97	160.86	30.709		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER 4-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INCL-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,840.00	6,759.00	6,759.00	256.50	117.01	90.00	2,488.70	-14,950.97	4,841.81	4,679.93	161.87	29.911		
15,500.00	6,840.00	6,759.00	6,759.00	259.18	117.01	90.00	2,488.70	-14,950.97	4,743.87	4,580.91	162.96	29.111		
15,600.00	6,840.00	6,759.00	6,759.00	261.86	117.01	90.00	2,488.70	-14,950.97	4,646.03	4,481.90	164.12	28.308		
15,700.00	6,840.00	6,759.00	6,759.00	264.54	117.01	90.00	2,488.70	-14,950.97	4,548.27	4,382.91	165.37	27.504		
15,800.00	6,840.00	6,759.00	6,759.00	267.23	117.01	90.00	2,488.70	-14,950.97	4,450.62	4,283.92	166.70	26.699		
15,900.00	6,840.00	6,759.00	6,759.00	269.91	117.01	90.00	2,488.70	-14,950.97	4,353.07	4,184.96	168.12	25.893		
16,000.00	6,840.00	6,759.00	6,759.00	272.59	117.01	90.00	2,488.70	-14,950.97	4,255.64	4,086.01	169.63	25.087		
16,100.00	6,840.00	6,759.00	6,759.00	275.28	117.01	90.00	2,488.70	-14,950.97	4,158.33	3,987.08	171.25	24.282		
16,200.00	6,840.00	6,759.00	6,759.00	277.97	117.01	90.00	2,488.70	-14,950.97	4,061.15	3,888.17	172.98	23.477		
16,300.00	6,840.00	6,759.00	6,759.00	280.65	117.01	90.00	2,488.70	-14,950.97	3,964.11	3,789.29	174.83	22.675		
16,400.00	6,840.00	6,759.00	6,759.00	283.34	117.01	90.00	2,488.70	-14,950.97	3,867.22	3,690.43	176.79	21.874		
16,500.00	6,840.00	6,759.00	6,759.00	286.03	117.01	90.00	2,488.70	-14,950.97	3,770.50	3,591.61	178.89	21.077		
16,600.00	6,840.00	6,759.00	6,759.00	288.72	117.01	90.00	2,488.70	-14,950.97	3,673.95	3,492.82	181.13	20.284		
16,700.00	6,840.00	6,759.00	6,759.00	291.41	117.01	90.00	2,488.70	-14,950.97	3,577.59	3,394.07	183.52	19.494		
16,800.00	6,840.00	6,759.00	6,759.00	294.10	117.01	90.00	2,488.70	-14,950.97	3,481.43	3,295.36	186.07	18.710		
16,900.00	6,840.00	6,759.00	6,759.00	296.79	117.01	90.00	2,488.70	-14,950.97	3,385.50	3,196.70	188.80	17.932		
17,000.00	6,840.00	6,759.00	6,759.00	299.48	117.01	90.00	2,488.70	-14,950.97	3,289.80	3,098.10	191.71	17.160		
17,100.00	6,840.00	6,759.00	6,759.00	302.17	117.01	90.00	2,488.70	-14,950.97	3,194.38	2,999.56	194.82	16.396		
17,200.00	6,840.00	6,759.00	6,759.00	304.86	117.01	90.00	2,488.70	-14,950.97	3,099.24	2,901.09	198.15	15.641		
17,300.00	6,840.00	6,759.00	6,759.00	307.56	117.01	90.00	2,488.70	-14,950.97	3,004.42	2,802.70	201.72	14.894		
17,400.00	6,840.00	6,759.00	6,759.00	310.25	117.01	90.00	2,488.70	-14,950.97	2,909.94	2,704.40	205.54	14.157		
17,500.00	6,840.00	6,759.00	6,759.00	312.94	117.01	90.00	2,488.70	-14,950.97	2,815.84	2,606.20	209.64	13.432		
17,600.00	6,840.00	6,759.00	6,759.00	315.64	117.01	90.00	2,488.70	-14,950.97	2,722.17	2,508.12	214.05	12.718		
17,700.00	6,840.00	6,759.00	6,759.00	318.33	117.01	90.00	2,488.70	-14,950.97	2,628.96	2,410.18	218.78	12.017		
17,800.00	6,840.00	6,759.00	6,759.00	321.03	117.01	90.00	2,488.70	-14,950.97	2,536.27	2,312.40	223.87	11.329		
17,900.00	6,840.00	6,759.00	6,759.00	323.72	117.01	90.00	2,488.70	-14,950.97	2,444.16	2,214.80	229.36	10.657		
18,000.00	6,840.00	6,759.00	6,759.00	326.42	117.01	90.00	2,488.70	-14,950.97	2,352.69	2,117.41	235.28	10.000		
18,100.00	6,840.00	6,759.00	6,759.00	329.11	117.01	90.00	2,488.70	-14,950.97	2,261.94	2,020.27	241.67	9.360		
18,200.00	6,840.00	6,759.00	6,759.00	331.81	117.01	90.00	2,488.70	-14,950.97	2,172.01	1,923.43	248.58	8.738		
18,300.00	6,840.00	6,759.00	6,759.00	334.51	117.01	90.00	2,488.70	-14,950.97	2,082.99	1,826.93	256.06	8.135		
18,400.00	6,840.00	6,759.00	6,759.00	337.20	117.01	90.00	2,488.70	-14,950.97	1,995.01	1,730.84	264.17	7.552		
18,500.00	6,840.00	6,759.00	6,759.00	339.90	117.01	90.00	2,488.70	-14,950.97	1,908.22	1,635.25	272.97	6.991		
18,600.00	6,840.00	6,759.00	6,759.00	342.60	117.01	90.00	2,488.70	-14,950.97	1,822.78	1,540.27	282.52	6.452		
18,700.00	6,840.00	6,759.00	6,759.00	345.30	117.01	90.00	2,488.70	-14,950.97	1,738.90	1,446.02	292.88	5.937		
18,800.00	6,840.00	6,759.00	6,759.00	348.00	117.01	90.00	2,488.70	-14,950.97	1,656.81	1,352.67	304.14	5.448		
18,900.00	6,840.00	6,759.00	6,759.00	350.70	117.01	90.00	2,488.70	-14,950.97	1,576.78	1,260.44	316.34	4.984		
19,000.00	6,840.00	6,759.00	6,759.00	353.39	117.01	90.00	2,488.70	-14,950.97	1,499.16	1,169.61	329.55	4.549		
19,100.00	6,840.00	6,759.00	6,759.00	356.09	117.01	90.00	2,488.70	-14,950.97	1,424.33	1,080.54	343.79	4.143		
19,200.00	6,840.00	6,759.00	6,759.00	358.79	117.01	90.00	2,488.70	-14,950.97	1,352.75	993.69	359.07	3.767		
19,300.00	6,840.00	6,759.00	6,759.00	361.49	117.01	90.00	2,488.70	-14,950.97	1,284.98	909.65	375.33	3.424		
19,400.00	6,840.00	6,759.00	6,759.00	364.20	117.01	90.00	2,488.70	-14,950.97	1,221.64	829.20	392.44	3.113		
19,500.00	6,840.00	6,759.00	6,759.00	366.90	117.01	90.00	2,488.70	-14,950.97	1,163.46	753.30	410.16	2.837		
19,600.00	6,840.00	6,759.00	6,759.00	369.60	117.01	90.00	2,488.70	-14,950.97	1,111.25	683.14	428.11	2.596		
19,700.00	6,840.00	6,759.00	6,759.00	372.30	117.01	90.00	2,488.70	-14,950.97	1,065.88	620.13	445.75	2.391		
19,800.00	6,840.00	6,759.00	6,759.00	375.00	117.01	90.00	2,488.70	-14,950.97	1,028.27	565.89	462.38	2.224		
19,900.00	6,840.00	6,759.00	6,759.00	377.70	117.01	90.00	2,488.70	-14,950.97	999.29	522.11	477.18	2.094		
20,000.00	6,840.00	6,759.00	6,759.00	380.40	117.01	90.00	2,488.70	-14,950.97	979.70	490.39	489.30	2.002		
20,100.00	6,840.00	6,759.00	6,759.00	383.11	117.01	90.00	2,488.70	-14,950.97	970.07	472.06	498.01	1.948		
20,143.84	6,840.00	6,759.00	6,759.00	384.29	117.01	90.00	2,488.70	-14,950.97	969.08	468.47	500.61	1.936 CC		
20,200.00	6,840.00	6,759.00	6,759.00	385.81	117.01	90.00	2,488.70	-14,950.97	970.71	467.89	502.82	1.931 ES, SF		
20,300.00	6,840.00	6,759.00	6,759.00	388.51	117.01	90.00	2,488.70	-14,950.97	981.58	478.00	503.58	1.949		
20,400.00	6,840.00	6,759.00	6,759.00	391.22	117.01	90.00	2,488.70	-14,950.97	1,002.37	501.83	500.54	2.003		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT OSTER 4-27 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,500.00	6,840.00	6,759.00	6,759.00	393.92	117.01	90.00	2,488.70	-14,950.97	1,032.46	538.23	494.23	2.089	
20,539.70	6,840.00	6,759.00	6,759.00	394.99	117.01	90.00	2,488.70	-14,950.97	1,046.82	555.85	490.97	2.132	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,000.00	6,840.00	6,796.08	6,795.00	114.58	1.67	-90.93	-2,072.99	-14,127.16	9,968.73	9,898.16	70.57	141.264		
10,100.00	6,840.00	6,795.20	6,794.11	117.09	1.67	-90.91	-2,072.98	-14,127.17	9,875.50	9,803.77	71.73	137.681		
10,200.00	6,840.00	6,794.32	6,793.23	119.61	1.67	-90.90	-2,072.98	-14,127.18	9,782.41	9,709.50	72.91	134.164		
10,300.00	6,840.00	6,793.43	6,792.35	122.14	1.67	-90.88	-2,072.97	-14,127.19	9,689.45	9,615.33	74.13	130.713		
10,400.00	6,840.00	6,792.55	6,791.47	124.68	1.67	-90.87	-2,072.97	-14,127.19	9,596.64	9,521.27	75.37	127.328		
10,500.00	6,840.00	6,791.67	6,790.59	127.23	1.67	-90.86	-2,072.96	-14,127.20	9,503.97	9,427.33	76.64	124.007		
10,600.00	6,840.00	6,790.79	6,789.71	129.78	1.67	-90.84	-2,072.96	-14,127.21	9,411.45	9,333.51	77.94	120.751		
10,700.00	6,840.00	6,789.91	6,788.83	132.35	1.67	-90.83	-2,072.95	-14,127.22	9,319.09	9,239.82	79.27	117.560		
10,800.00	6,840.00	6,789.03	6,787.95	134.91	1.67	-90.81	-2,072.95	-14,127.22	9,226.88	9,146.25	80.63	114.432		
10,900.00	6,840.00	6,788.15	6,787.07	137.49	1.67	-90.80	-2,072.94	-14,127.23	9,134.84	9,052.82	82.02	111.368		
11,000.00	6,840.00	6,787.28	6,786.19	140.07	1.67	-90.79	-2,072.94	-14,127.24	9,042.97	8,959.52	83.45	108.366		
11,100.00	6,840.00	6,786.40	6,785.32	142.65	1.67	-90.77	-2,072.93	-14,127.25	8,951.27	8,866.37	84.91	105.426		
11,200.00	6,840.00	6,785.53	6,784.44	145.24	1.67	-90.76	-2,072.93	-14,127.25	8,859.75	8,773.36	86.40	102.548		
11,300.00	6,840.00	6,784.65	6,783.57	147.83	1.67	-90.74	-2,072.92	-14,127.26	8,768.42	8,680.50	87.92	99.730		
11,400.00	6,840.00	6,783.78	6,782.69	150.43	1.67	-90.73	-2,072.91	-14,127.27	8,677.28	8,587.80	89.48	96.972		
11,500.00	6,840.00	6,782.91	6,781.82	153.04	1.67	-90.72	-2,072.91	-14,127.27	8,586.33	8,495.26	91.08	94.274		
11,600.00	6,840.00	6,782.03	6,780.95	155.64	1.67	-90.70	-2,072.90	-14,127.28	8,495.59	8,402.88	92.71	91.635		
11,700.00	6,840.00	6,781.16	6,780.08	158.26	1.67	-90.69	-2,072.90	-14,127.29	8,405.06	8,310.68	94.38	89.053		
11,800.00	6,840.00	6,780.29	6,779.21	160.87	1.67	-90.67	-2,072.89	-14,127.30	8,314.75	8,218.66	96.09	86.529		
11,900.00	6,840.00	6,779.42	6,778.34	163.49	1.67	-90.66	-2,072.89	-14,127.30	8,224.66	8,126.82	97.84	84.061		
12,000.00	6,840.00	6,778.55	6,777.47	166.11	1.67	-90.65	-2,072.88	-14,127.31	8,134.80	8,035.17	99.63	81.649		
12,100.00	6,840.00	6,777.69	6,776.60	168.74	1.67	-90.63	-2,072.88	-14,127.32	8,045.18	7,943.72	101.46	79.292		
12,200.00	6,840.00	6,776.82	6,775.74	171.37	1.67	-90.62	-2,072.87	-14,127.33	7,955.81	7,852.47	103.34	76.989		
12,300.00	6,840.00	6,775.95	6,774.87	174.00	1.67	-90.60	-2,072.87	-14,127.33	7,866.69	7,761.43	105.25	74.740		
12,400.00	6,840.00	6,775.09	6,774.00	176.63	1.67	-90.59	-2,072.86	-14,127.34	7,777.84	7,670.62	107.22	72.543		
12,500.00	6,840.00	6,774.22	6,773.14	179.27	1.67	-90.58	-2,072.86	-14,127.35	7,689.26	7,580.03	109.23	70.398		
12,600.00	6,840.00	6,773.36	6,772.28	181.91	1.67	-90.56	-2,072.85	-14,127.36	7,600.96	7,489.68	111.28	68.304		
12,700.00	6,840.00	6,772.50	6,771.41	184.55	1.67	-90.55	-2,072.85	-14,127.36	7,512.96	7,399.58	113.39	66.260		
12,800.00	6,840.00	6,771.63	6,770.55	187.19	1.67	-90.54	-2,072.84	-14,127.37	7,425.26	7,309.72	115.54	64.267		
12,900.00	6,840.00	6,770.77	6,769.69	189.84	1.67	-90.52	-2,072.84	-14,127.38	7,337.88	7,220.14	117.74	62.321		
13,000.00	6,840.00	6,769.91	6,768.83	192.48	1.67	-90.51	-2,072.83	-14,127.38	7,250.82	7,130.82	120.00	60.424		
13,100.00	6,840.00	6,769.05	6,767.97	195.13	1.67	-90.49	-2,072.83	-14,127.39	7,164.10	7,041.79	122.31	58.574		
13,200.00	6,840.00	6,768.19	6,767.11	197.79	1.67	-90.48	-2,072.82	-14,127.40	7,077.73	6,953.06	124.67	56.771		
13,300.00	6,840.00	6,767.33	6,766.25	200.44	1.67	-90.47	-2,072.82	-14,127.41	6,991.72	6,864.63	127.09	55.013		
13,400.00	6,840.00	6,766.48	6,765.39	203.10	1.67	-90.45	-2,072.81	-14,127.41	6,906.09	6,776.53	129.57	53.301		
13,500.00	6,840.00	6,765.62	6,764.54	205.75	1.67	-90.44	-2,072.81	-14,127.42	6,820.86	6,688.75	132.10	51.632		
13,600.00	6,840.00	6,764.77	6,763.68	208.41	1.67	-90.43	-2,072.80	-14,127.43	6,736.02	6,601.32	134.70	50.007		
13,700.00	6,840.00	6,763.91	6,762.83	211.07	1.67	-90.41	-2,072.80	-14,127.43	6,651.61	6,514.25	137.36	48.425		
13,800.00	6,840.00	6,763.06	6,761.97	213.74	1.67	-90.40	-2,072.79	-14,127.44	6,567.64	6,427.56	140.08	46.885		
13,900.00	6,840.00	6,762.20	6,761.12	216.40	1.67	-90.39	-2,072.79	-14,127.45	6,484.12	6,341.25	142.86	45.387		
14,000.00	6,840.00	6,761.35	6,760.27	219.06	1.67	-90.37	-2,072.78	-14,127.46	6,401.07	6,255.36	145.72	43.929		
14,100.00	6,840.00	6,760.50	6,759.42	221.73	1.67	-90.36	-2,072.78	-14,127.46	6,318.52	6,169.88	148.63	42.511		
14,200.00	6,840.00	6,759.65	6,758.56	224.40	1.67	-90.34	-2,072.77	-14,127.47	6,236.47	6,084.85	151.62	41.132		
14,300.00	6,840.00	6,758.80	6,757.71	227.07	1.67	-90.33	-2,072.77	-14,127.48	6,154.96	6,000.28	154.68	39.792		
14,400.00	6,840.00	6,757.95	6,756.87	229.74	1.67	-90.32	-2,072.76	-14,127.48	6,073.99	5,916.19	157.81	38.490		
14,500.00	6,840.00	6,757.10	6,756.02	232.41	1.67	-90.30	-2,072.76	-14,127.49	5,993.61	5,832.60	161.01	37.225		
14,600.00	6,840.00	6,756.25	6,755.17	235.08	1.67	-90.29	-2,072.75	-14,127.50	5,913.82	5,749.53	164.29	35.997		
14,700.00	6,840.00	6,755.40	6,754.32	237.75	1.67	-90.28	-2,072.75	-14,127.51	5,834.65	5,667.01	167.64	34.805		
14,800.00	6,840.00	6,754.56	6,753.48	240.43	1.67	-90.26	-2,072.74	-14,127.51	5,756.13	5,585.07	171.07	33.649		
14,900.00	6,840.00	6,753.71	6,752.63	243.10	1.67	-90.25	-2,072.74	-14,127.52	5,678.29	5,503.72	174.57	32.527		
15,000.00	6,840.00	6,752.87	6,751.79	245.78	1.67	-90.24	-2,072.73	-14,127.53	5,601.15	5,422.99	178.16	31.439		
15,100.00	6,840.00	6,752.02	6,750.94	248.46	1.67	-90.22	-2,072.73	-14,127.53	5,524.74	5,342.92	181.82	30.385		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,200.00	6,840.00	6,751.18	6,750.10	251.14	1.67	-90.21	-2,072.72	-14,127.54	5,449.10	5,263.53	185.57	29.364		
15,300.00	6,840.00	6,750.34	6,749.26	253.82	1.67	-90.20	-2,072.72	-14,127.55	5,374.25	5,184.86	189.40	28.375		
15,400.00	6,840.00	6,749.50	6,748.41	256.50	1.67	-90.18	-2,072.71	-14,127.55	5,300.24	5,106.93	193.31	27.419		
15,500.00	6,840.00	6,748.66	6,747.57	259.18	1.67	-90.17	-2,072.71	-14,127.56	5,227.09	5,029.79	197.30	26.493		
15,600.00	6,840.00	6,747.82	6,746.73	261.86	1.67	-90.16	-2,072.70	-14,127.57	5,154.84	4,953.46	201.37	25.598		
15,700.00	6,840.00	6,746.98	6,745.89	264.54	1.67	-90.14	-2,072.70	-14,127.58	5,083.53	4,878.00	205.53	24.734		
15,800.00	6,840.00	6,746.14	6,745.06	267.23	1.67	-90.13	-2,072.69	-14,127.58	5,013.20	4,803.43	209.76	23.899		
15,900.00	6,840.00	6,745.30	6,744.22	269.91	1.67	-90.12	-2,072.69	-14,127.59	4,943.89	4,729.81	214.08	23.094		
16,000.00	6,840.00	6,744.46	6,743.38	272.59	1.67	-90.10	-2,072.68	-14,127.60	4,875.65	4,657.17	218.48	22.317		
16,100.00	6,840.00	6,743.63	6,742.55	275.28	1.67	-90.09	-2,072.68	-14,127.60	4,808.52	4,585.57	222.95	21.568		
16,200.00	6,840.00	6,742.79	6,741.71	277.97	1.67	-90.08	-2,072.67	-14,127.61	4,742.54	4,515.05	227.50	20.847		
16,300.00	6,840.00	6,741.96	6,740.88	280.65	1.67	-90.06	-2,072.67	-14,127.62	4,677.78	4,445.66	232.12	20.153		
16,400.00	6,840.00	6,741.12	6,740.04	283.34	1.67	-90.05	-2,072.66	-14,127.62	4,614.27	4,377.47	236.81	19.485		
16,500.00	6,840.00	6,740.29	6,739.21	286.03	1.67	-90.04	-2,072.66	-14,127.63	4,552.08	4,310.52	241.56	18.844		
16,600.00	6,840.00	6,739.46	6,738.38	288.72	1.67	-90.02	-2,072.65	-14,127.64	4,491.24	4,244.87	246.38	18.229		
16,700.00	6,840.00	6,738.63	6,737.54	291.41	1.67	-90.01	-2,072.65	-14,127.65	4,431.84	4,180.59	251.25	17.639		
16,800.00	6,840.00	6,737.80	6,736.71	294.10	1.67	-90.00	-2,072.64	-14,127.65	4,373.91	4,117.74	256.17	17.074		
16,900.00	6,840.00	6,736.97	6,735.88	296.79	1.67	-89.98	-2,072.64	-14,127.66	4,317.52	4,056.38	261.13	16.534		
17,000.00	6,840.00	6,736.14	6,735.05	299.48	1.67	-89.97	-2,072.63	-14,127.67	4,262.72	3,996.59	266.13	16.017		
17,100.00	6,840.00	6,735.31	6,734.23	302.17	1.67	-89.96	-2,072.63	-14,127.67	4,209.60	3,938.44	271.16	15.524		
17,200.00	6,840.00	6,734.48	6,733.40	304.86	1.67	-89.94	-2,072.62	-14,127.68	4,158.19	3,881.99	276.21	15.055		
17,300.00	6,840.00	6,733.65	6,732.57	307.56	1.67	-89.93	-2,072.62	-14,127.69	4,108.58	3,827.32	281.26	14.608		
17,400.00	6,840.00	6,732.83	6,731.74	310.25	1.67	-89.92	-2,072.61	-14,127.69	4,060.83	3,774.52	286.31	14.183		
17,500.00	6,840.00	6,732.00	6,730.92	312.94	1.67	-89.90	-2,072.61	-14,127.70	4,015.00	3,723.65	291.35	13.781		
17,600.00	6,840.00	6,731.18	6,730.09	315.64	1.67	-89.89	-2,072.60	-14,127.71	3,971.16	3,674.80	296.35	13.400		
17,700.00	6,840.00	6,730.35	6,729.27	318.33	1.67	-89.88	-2,072.60	-14,127.71	3,929.37	3,628.05	301.32	13.040		
17,800.00	6,840.00	6,729.53	6,728.45	321.03	1.67	-89.86	-2,072.59	-14,127.72	3,889.71	3,583.48	306.23	12.702		
17,900.00	6,840.00	6,728.71	6,727.62	323.72	1.67	-89.85	-2,072.59	-14,127.73	3,852.23	3,541.16	311.07	12.384		
18,000.00	6,840.00	6,727.88	6,726.80	326.42	1.67	-89.84	-2,072.58	-14,127.73	3,817.01	3,501.19	315.82	12.086		
18,100.00	6,840.00	6,727.06	6,725.98	329.11	1.67	-89.82	-2,072.58	-14,127.74	3,784.10	3,463.63	320.47	11.808		
18,200.00	6,840.00	6,726.24	6,725.16	331.81	1.67	-89.81	-2,072.57	-14,127.75	3,753.57	3,428.57	325.01	11.549		
18,300.00	6,840.00	6,725.42	6,724.34	334.51	1.67	-89.80	-2,072.57	-14,127.75	3,725.48	3,396.08	329.40	11.310		
18,400.00	6,840.00	6,724.60	6,723.52	337.20	1.67	-89.78	-2,072.56	-14,127.76	3,699.87	3,366.23	333.64	11.089		
18,500.00	6,840.00	6,723.79	6,722.71	339.90	1.67	-89.77	-2,072.56	-14,127.77	3,676.81	3,339.10	337.71	10.887		
18,600.00	6,840.00	6,722.97	6,721.89	342.60	1.67	-89.76	-2,072.55	-14,127.77	3,656.33	3,314.74	341.60	10.704		
18,700.00	6,840.00	6,722.15	6,721.07	345.30	1.67	-89.75	-2,072.55	-14,127.78	3,638.49	3,293.21	345.28	10.538		
18,800.00	6,840.00	6,721.34	6,720.26	348.00	1.67	-89.73	-2,072.54	-14,127.79	3,623.33	3,274.58	348.75	10.390		
18,900.00	6,840.00	6,720.52	6,719.44	350.70	1.67	-89.72	-2,072.54	-14,127.79	3,610.87	3,258.88	351.98	10.259		
19,000.00	6,840.00	6,719.71	6,718.63	353.39	1.66	-89.71	-2,072.54	-14,127.80	3,601.14	3,246.16	354.98	10.145		
19,100.00	6,840.00	6,718.89	6,717.81	356.09	1.66	-89.69	-2,072.53	-14,127.81	3,594.17	3,236.45	357.72	10.047		
19,200.00	6,840.00	6,718.08	6,717.00	358.79	1.66	-89.68	-2,072.53	-14,127.81	3,589.97	3,229.78	360.20	9.967		
19,300.00	6,840.00	6,717.27	6,716.19	361.49	1.66	-89.67	-2,072.52	-14,127.82	3,588.56	3,226.15	362.41	9.902		
19,300.74	6,840.00	6,717.26	6,716.18	361.51	1.66	-89.67	-2,072.52	-14,127.82	3,588.56	3,226.14	362.42	9.902 CC		
19,400.00	6,840.00	6,716.46	6,715.38	364.20	1.66	-89.65	-2,072.52	-14,127.83	3,589.93	3,225.60	364.34	9.853 ES		
19,500.00	6,840.00	6,715.65	6,714.57	366.90	1.66	-89.64	-2,072.51	-14,127.83	3,594.09	3,228.10	365.99	9.820		
19,600.00	6,840.00	6,714.84	6,713.76	369.60	1.66	-89.63	-2,072.51	-14,127.84	3,601.02	3,233.66	367.36	9.803		
19,700.00	6,840.00	6,714.03	6,712.95	372.30	1.66	-89.62	-2,072.50	-14,127.85	3,610.70	3,242.26	368.44	9.800 SF		
19,800.00	6,840.00	6,713.22	6,712.14	375.00	1.66	-89.60	-2,072.50	-14,127.85	3,623.12	3,253.87	369.25	9.812		
19,900.00	6,840.00	6,712.41	6,711.33	377.70	1.66	-89.59	-2,072.49	-14,127.86	3,638.25	3,268.47	369.78	9.839		
20,000.00	6,840.00	6,712.32	6,711.24	380.40	1.66	-89.59	-2,072.49	-14,127.86	3,656.05	3,286.01	370.04	9.880		
20,100.00	6,840.00	6,711.48	6,710.40	383.11	1.66	-89.58	-2,072.49	-14,127.87	3,676.48	3,306.45	370.04	9.935		
20,200.00	6,840.00	6,710.63	6,709.55	385.81	1.66	-89.56	-2,072.48	-14,127.88	3,699.51	3,329.73	369.78	10.005		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT OSTER G 34-29 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,300.00	6,840.00	6,709.79	6,708.71	388.51	1.66	-89.55	-2,072.48	-14,127.88	3,725.08	3,355.80	369.28	10.088	
20,400.00	6,840.00	6,708.94	6,707.86	391.22	1.66	-89.53	-2,072.47	-14,127.89	3,753.14	3,384.60	368.54	10.184	
20,500.00	6,840.00	6,708.10	6,707.02	393.92	1.66	-89.52	-2,072.47	-14,127.90	3,783.63	3,416.05	367.58	10.293	
20,539.70	6,840.00	6,707.76	6,706.68	394.99	1.66	-89.52	-2,072.47	-14,127.90	3,796.40	3,429.26	367.14	10.340	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,840.00	6,725.20	6,724.89	92.50	2.05	-90.03	-1,790.37	-13,303.30	9,942.08	9,880.77	61.31	162.164		
9,200.00	6,840.00	6,725.04	6,724.73	94.89	2.05	-90.03	-1,790.37	-13,303.30	9,847.81	9,785.55	62.27	158.156		
9,300.00	6,840.00	6,724.88	6,724.57	97.30	2.05	-90.03	-1,790.37	-13,303.30	9,753.66	9,690.41	63.25	154.211		
9,400.00	6,840.00	6,724.72	6,724.41	99.73	2.05	-90.02	-1,790.37	-13,303.30	9,659.63	9,595.37	64.26	150.330		
9,500.00	6,840.00	6,724.56	6,724.25	102.17	2.05	-90.02	-1,790.37	-13,303.30	9,565.72	9,500.43	65.29	146.513		
9,600.00	6,840.00	6,724.39	6,724.08	104.63	2.05	-90.02	-1,790.37	-13,303.30	9,471.93	9,405.58	66.35	142.760		
9,700.00	6,840.00	6,724.23	6,723.92	107.10	2.05	-90.02	-1,790.37	-13,303.30	9,378.27	9,310.84	67.44	139.071		
9,800.00	6,840.00	6,724.07	6,723.76	109.58	2.05	-90.01	-1,790.37	-13,303.30	9,284.74	9,216.19	68.55	135.447		
9,900.00	6,840.00	6,723.91	6,723.60	112.07	2.05	-90.01	-1,790.37	-13,303.30	9,191.35	9,121.66	69.69	131.888		
10,000.00	6,840.00	6,723.74	6,723.43	114.58	2.05	-90.01	-1,790.37	-13,303.30	9,098.10	9,027.24	70.86	128.393		
10,100.00	6,840.00	6,723.58	6,723.27	117.09	2.05	-90.00	-1,790.37	-13,303.30	9,005.00	8,932.94	72.06	124.963		
10,200.00	6,840.00	6,723.42	6,723.11	119.61	2.05	-90.00	-1,790.36	-13,303.30	8,912.04	8,838.75	73.29	121.597		
10,300.00	6,840.00	6,723.25	6,722.94	122.14	2.05	-90.00	-1,790.36	-13,303.30	8,819.24	8,744.69	74.55	118.296		
10,400.00	6,840.00	6,723.09	6,722.78	124.68	2.05	-90.00	-1,790.36	-13,303.30	8,726.60	8,650.75	75.84	115.059		
10,500.00	6,840.00	6,722.92	6,722.61	127.23	2.05	-89.99	-1,790.36	-13,303.30	8,634.12	8,556.95	77.17	111.885		
10,600.00	6,840.00	6,722.76	6,722.45	129.78	2.05	-89.99	-1,790.36	-13,303.30	8,541.81	8,463.28	78.53	108.775		
10,700.00	6,840.00	6,722.59	6,722.28	132.35	2.05	-89.99	-1,790.36	-13,303.30	8,449.68	8,369.76	79.92	105.728		
10,800.00	6,840.00	6,722.42	6,722.11	134.91	2.05	-89.98	-1,790.36	-13,303.30	8,357.72	8,276.38	81.35	102.744		
10,900.00	6,840.00	6,722.26	6,721.95	137.49	2.05	-89.98	-1,790.36	-13,303.30	8,265.96	8,183.15	82.81	99.821		
11,000.00	6,840.00	6,722.09	6,721.78	140.07	2.05	-89.98	-1,790.36	-13,303.30	8,174.38	8,090.08	84.31	96.961		
11,100.00	6,840.00	6,721.92	6,721.61	142.65	2.05	-89.98	-1,790.36	-13,303.30	8,083.01	7,997.17	85.84	94.161		
11,200.00	6,840.00	6,721.75	6,721.44	145.24	2.05	-89.97	-1,790.36	-13,303.30	7,991.84	7,904.43	87.42	91.422		
11,300.00	6,840.00	6,721.58	6,721.28	147.83	2.05	-89.97	-1,790.36	-13,303.30	7,900.89	7,811.86	89.03	88.744		
11,400.00	6,840.00	6,721.41	6,721.11	150.43	2.05	-89.97	-1,790.35	-13,303.30	7,810.16	7,719.47	90.69	86.124		
11,500.00	6,840.00	6,721.24	6,720.94	153.04	2.05	-89.96	-1,790.35	-13,303.30	7,719.66	7,627.27	92.38	83.563		
11,600.00	6,840.00	6,721.07	6,720.77	155.64	2.05	-89.96	-1,790.35	-13,303.30	7,629.39	7,535.27	94.12	81.060		
11,700.00	6,840.00	6,720.90	6,720.60	158.26	2.05	-89.96	-1,790.35	-13,303.31	7,539.37	7,443.47	95.90	78.615		
11,800.00	6,840.00	6,720.73	6,720.42	160.87	2.05	-89.96	-1,790.35	-13,303.31	7,449.60	7,351.87	97.73	76.226		
11,900.00	6,840.00	6,720.56	6,720.25	163.49	2.05	-89.95	-1,790.35	-13,303.31	7,360.10	7,260.50	99.60	73.894		
12,000.00	6,840.00	6,720.39	6,720.08	166.11	2.05	-89.95	-1,790.35	-13,303.31	7,270.87	7,169.35	101.53	71.616		
12,100.00	6,840.00	6,720.22	6,719.91	168.74	2.05	-89.95	-1,790.35	-13,303.31	7,181.93	7,078.43	103.50	69.394		
12,200.00	6,840.00	6,720.05	6,719.74	171.37	2.05	-89.94	-1,790.35	-13,303.31	7,093.28	6,987.76	105.52	67.225		
12,300.00	6,840.00	6,719.87	6,719.56	174.00	2.05	-89.94	-1,790.35	-13,303.31	7,004.94	6,897.35	107.59	65.109		
12,400.00	6,840.00	6,719.70	6,719.39	176.63	2.05	-89.94	-1,790.35	-13,303.31	6,916.91	6,807.20	109.71	63.046		
12,500.00	6,840.00	6,719.52	6,719.22	179.27	2.05	-89.93	-1,790.34	-13,303.31	6,829.21	6,717.32	111.89	61.034		
12,600.00	6,840.00	6,719.35	6,719.04	181.91	2.05	-89.93	-1,790.34	-13,303.31	6,741.86	6,627.73	114.13	59.074		
12,700.00	6,840.00	6,719.17	6,718.87	184.55	2.05	-89.93	-1,790.34	-13,303.31	6,654.86	6,538.44	116.42	57.163		
12,800.00	6,840.00	6,719.00	6,718.69	187.19	2.05	-89.93	-1,790.34	-13,303.31	6,568.23	6,449.46	118.77	55.302		
12,900.00	6,840.00	6,718.82	6,718.51	189.84	2.05	-89.92	-1,790.34	-13,303.31	6,481.99	6,360.81	121.18	53.490		
13,000.00	6,840.00	6,718.65	6,718.34	192.48	2.05	-89.92	-1,790.34	-13,303.31	6,396.14	6,272.49	123.66	51.725		
13,100.00	6,840.00	6,718.47	6,718.16	195.13	2.05	-89.92	-1,790.34	-13,303.31	6,310.72	6,184.53	126.19	50.008		
13,200.00	6,840.00	6,718.29	6,717.98	197.79	2.05	-89.91	-1,790.34	-13,303.31	6,225.73	6,096.93	128.80	48.338		
13,300.00	6,840.00	6,718.11	6,717.81	200.44	2.05	-89.91	-1,790.34	-13,303.31	6,141.19	6,009.72	131.47	46.713		
13,400.00	6,840.00	6,717.94	6,717.63	203.10	2.05	-89.91	-1,790.34	-13,303.31	6,057.12	5,922.91	134.21	45.133		
13,500.00	6,840.00	6,717.76	6,717.45	205.75	2.05	-89.90	-1,790.34	-13,303.31	5,973.54	5,836.53	137.02	43.597		
13,600.00	6,840.00	6,717.58	6,717.27	208.41	2.05	-89.90	-1,790.34	-13,303.31	5,890.48	5,750.58	139.90	42.105		
13,700.00	6,840.00	6,717.40	6,717.09	211.07	2.05	-89.90	-1,790.33	-13,303.31	5,807.94	5,665.09	142.85	40.656		
13,800.00	6,840.00	6,717.22	6,716.91	213.74	2.05	-89.89	-1,790.33	-13,303.31	5,725.97	5,580.08	145.89	39.250		
13,900.00	6,840.00	6,717.04	6,716.73	216.40	2.05	-89.89	-1,790.33	-13,303.31	5,644.57	5,495.58	149.00	37.884		
14,000.00	6,840.00	6,716.86	6,716.55	219.06	2.05	-89.89	-1,790.33	-13,303.31	5,563.79	5,411.60	152.18	36.560		
14,100.00	6,840.00	6,716.67	6,716.37	221.73	2.05	-89.88	-1,790.33	-13,303.31	5,483.63	5,328.18	155.45	35.275		
14,200.00	6,840.00	6,716.49	6,716.18	224.40	2.05	-89.88	-1,790.33	-13,303.31	5,404.14	5,245.33	158.80	34.030		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	6,840.00	6,716.31	6,716.00	227.07	2.05	-89.88	-1,790.33	-13,303.32	5,325.34	5,163.10	162.24	32.824		
14,400.00	6,840.00	6,716.13	6,715.82	229.74	2.05	-89.88	-1,790.33	-13,303.32	5,247.26	5,081.50	165.76	31.656		
14,500.00	6,840.00	6,715.94	6,715.63	232.41	2.05	-89.87	-1,790.33	-13,303.32	5,169.94	5,000.57	169.37	30.525		
14,600.00	6,840.00	6,715.76	6,715.45	235.08	2.05	-89.87	-1,790.33	-13,303.32	5,093.40	4,920.34	173.06	29.431		
14,700.00	6,840.00	6,715.57	6,715.27	237.75	2.05	-89.87	-1,790.33	-13,303.32	5,017.69	4,840.85	176.84	28.374		
14,800.00	6,840.00	6,715.39	6,715.08	240.43	2.05	-89.86	-1,790.32	-13,303.32	4,942.85	4,762.13	180.71	27.352		
14,900.00	6,840.00	6,715.20	6,714.90	243.10	2.05	-89.86	-1,790.32	-13,303.32	4,868.91	4,684.23	184.67	26.365		
15,000.00	6,840.00	6,715.02	6,714.71	245.78	2.05	-89.86	-1,790.32	-13,303.32	4,795.91	4,607.19	188.72	25.412		
15,100.00	6,840.00	6,714.83	6,714.52	248.46	2.05	-89.85	-1,790.32	-13,303.32	4,723.90	4,531.04	192.86	24.493		
15,200.00	6,840.00	6,714.64	6,714.34	251.14	2.05	-89.85	-1,790.32	-13,303.32	4,652.93	4,455.84	197.09	23.608		
15,300.00	6,840.00	6,714.46	6,714.15	253.82	2.05	-89.85	-1,790.32	-13,303.32	4,583.04	4,381.63	201.41	22.755		
15,400.00	6,840.00	6,714.27	6,713.96	256.50	2.05	-89.84	-1,790.32	-13,303.32	4,514.28	4,308.47	205.81	21.934		
15,500.00	6,840.00	6,720.71	6,720.40	259.18	2.05	-89.95	-1,790.33	-13,303.30	4,446.70	4,236.40	210.31	21.144		
15,600.00	6,840.00	6,720.33	6,720.02	261.86	2.05	-89.95	-1,790.33	-13,303.30	4,380.37	4,165.49	214.88	20.385		
15,700.00	6,840.00	6,719.96	6,719.65	264.54	2.05	-89.94	-1,790.33	-13,303.30	4,315.34	4,095.81	219.53	19.657		
15,800.00	6,840.00	6,719.58	6,719.28	267.23	2.05	-89.94	-1,790.33	-13,303.30	4,251.67	4,027.41	224.26	18.959		
15,900.00	6,840.00	6,719.22	6,718.91	269.91	2.05	-89.93	-1,790.33	-13,303.30	4,189.41	3,960.36	229.06	18.290		
16,000.00	6,840.00	6,718.85	6,718.54	272.59	2.05	-89.92	-1,790.33	-13,303.30	4,128.64	3,894.72	233.92	17.650		
16,100.00	6,840.00	6,718.49	6,718.18	275.28	2.05	-89.92	-1,790.33	-13,303.30	4,069.42	3,830.58	238.84	17.038		
16,200.00	6,840.00	6,718.13	6,717.82	277.97	2.05	-89.91	-1,790.33	-13,303.30	4,011.82	3,768.00	243.82	16.454		
16,300.00	6,840.00	6,717.77	6,717.46	280.65	2.05	-89.90	-1,790.32	-13,303.30	3,955.91	3,707.07	248.84	15.898		
16,400.00	6,840.00	6,717.41	6,717.10	283.34	2.05	-89.90	-1,790.32	-13,303.31	3,901.76	3,647.87	253.89	15.368		
16,500.00	6,840.00	6,717.06	6,716.75	286.03	2.05	-89.89	-1,790.32	-13,303.31	3,849.45	3,590.48	258.97	14.865		
16,600.00	6,840.00	6,716.71	6,716.40	288.72	2.05	-89.89	-1,790.32	-13,303.31	3,799.04	3,534.99	264.06	14.387		
16,700.00	6,840.00	6,716.36	6,716.05	291.41	2.05	-89.88	-1,790.32	-13,303.31	3,750.63	3,481.49	269.15	13.935		
16,800.00	6,840.00	6,716.01	6,715.70	294.10	2.05	-89.87	-1,790.32	-13,303.31	3,704.29	3,430.07	274.22	13.508		
16,900.00	6,840.00	6,715.66	6,715.36	296.79	2.05	-89.87	-1,790.32	-13,303.31	3,660.09	3,380.83	279.26	13.106		
17,000.00	6,840.00	6,715.32	6,715.01	299.48	2.05	-89.86	-1,790.31	-13,303.31	3,618.11	3,333.85	284.26	12.728		
17,100.00	6,840.00	6,714.98	6,714.67	302.17	2.05	-89.86	-1,790.31	-13,303.31	3,578.44	3,289.25	289.20	12.374		
17,200.00	6,840.00	6,714.64	6,714.34	304.86	2.05	-89.85	-1,790.31	-13,303.31	3,541.15	3,247.10	294.05	12.043		
17,300.00	6,840.00	6,714.31	6,714.00	307.56	2.05	-89.84	-1,790.31	-13,303.32	3,506.32	3,207.52	298.80	11.735		
17,400.00	6,840.00	6,713.97	6,713.67	310.25	2.05	-89.84	-1,790.31	-13,303.32	3,474.01	3,170.58	303.43	11.449		
17,500.00	6,840.00	6,713.64	6,713.33	312.94	2.05	-89.83	-1,790.31	-13,303.32	3,444.31	3,136.39	307.92	11.186		
17,600.00	6,840.00	6,713.31	6,713.01	315.64	2.05	-89.83	-1,790.31	-13,303.32	3,417.28	3,105.02	312.26	10.944		
17,700.00	6,840.00	6,712.99	6,712.68	318.33	2.05	-89.82	-1,790.31	-13,303.32	3,392.98	3,076.57	316.41	10.723		
17,800.00	6,840.00	6,712.66	6,712.35	321.03	2.05	-89.82	-1,790.30	-13,303.32	3,371.47	3,051.11	320.36	10.524		
17,900.00	6,840.00	6,712.34	6,712.03	323.72	2.05	-89.81	-1,790.30	-13,303.32	3,352.80	3,028.71	324.09	10.345		
18,000.00	6,840.00	6,712.02	6,711.71	326.42	2.05	-89.80	-1,790.30	-13,303.32	3,337.03	3,009.45	327.58	10.187		
18,100.00	6,840.00	6,711.70	6,711.39	329.11	2.05	-89.80	-1,790.30	-13,303.32	3,324.20	2,993.37	330.83	10.048		
18,200.00	6,840.00	6,711.38	6,711.07	331.81	2.05	-89.79	-1,790.30	-13,303.32	3,314.33	2,980.53	333.80	9.929		
18,300.00	6,840.00	6,711.07	6,710.76	334.51	2.05	-89.79	-1,790.30	-13,303.32	3,307.46	2,970.97	336.49	9.829		
18,400.00	6,840.00	6,710.75	6,710.44	337.20	2.05	-89.78	-1,790.30	-13,303.33	3,303.60	2,964.72	338.89	9.748		
18,477.49	6,840.00	6,710.51	6,710.20	339.29	2.05	-89.78	-1,790.30	-13,303.33	3,302.70	2,962.15	340.54	9.698 CC		
18,500.00	6,840.00	6,710.44	6,710.13	339.90	2.05	-89.78	-1,790.30	-13,303.33	3,302.77	2,961.79	340.99	9.686 ES		
18,600.00	6,840.00	6,710.13	6,709.82	342.60	2.05	-89.77	-1,790.30	-13,303.33	3,304.97	2,962.19	342.78	9.642		
18,700.00	6,840.00	6,709.82	6,709.52	345.30	2.05	-89.77	-1,790.29	-13,303.33	3,310.18	2,965.93	344.25	9.616		
18,800.00	6,840.00	6,709.52	6,709.21	348.00	2.05	-89.76	-1,790.29	-13,303.33	3,318.40	2,972.99	345.42	9.607 SF		
18,900.00	6,840.00	6,709.22	6,708.91	350.70	2.05	-89.76	-1,790.29	-13,303.33	3,329.61	2,983.34	346.27	9.616		
19,000.00	6,840.00	6,708.91	6,708.61	353.39	2.05	-89.75	-1,790.29	-13,303.33	3,343.77	2,996.95	346.82	9.641		
19,100.00	6,840.00	6,708.61	6,708.31	356.09	2.05	-89.75	-1,790.29	-13,303.33	3,360.85	3,013.78	347.07	9.684		
19,200.00	6,840.00	6,708.32	6,708.01	358.79	2.05	-89.74	-1,790.29	-13,303.33	3,380.80	3,033.78	347.02	9.742		
19,300.00	6,840.00	6,708.02	6,707.71	361.49	2.05	-89.73	-1,790.29	-13,303.33	3,403.57	3,056.88	346.69	9.817		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,400.00	6,840.00	6,707.73	6,707.42	364.20	2.05	-89.73	-1,790.29	-13,303.33	3,429.11	3,083.02	346.10	9.908	
19,500.00	6,840.00	6,707.43	6,707.12	366.90	2.05	-89.72	-1,790.28	-13,303.33	3,457.36	3,112.11	345.24	10.014	
19,600.00	6,840.00	6,707.14	6,706.83	369.60	2.05	-89.72	-1,790.28	-13,303.33	3,488.24	3,144.09	344.15	10.136	
19,700.00	6,840.00	6,706.85	6,706.54	372.30	2.05	-89.71	-1,790.28	-13,303.34	3,521.69	3,178.87	342.82	10.273	
19,800.00	6,840.00	6,706.56	6,706.26	375.00	2.05	-89.71	-1,790.28	-13,303.34	3,557.64	3,216.35	341.29	10.424	
19,900.00	6,840.00	6,706.28	6,705.97	377.70	2.05	-89.70	-1,790.28	-13,303.34	3,596.01	3,256.45	339.57	10.590	
20,000.00	6,840.00	6,705.99	6,705.69	380.40	2.05	-89.70	-1,790.28	-13,303.34	3,636.73	3,299.07	337.66	10.770	
20,100.00	6,840.00	6,705.71	6,705.40	383.11	2.05	-89.69	-1,790.28	-13,303.34	3,679.72	3,344.12	335.60	10.965	
20,200.00	6,840.00	6,705.43	6,705.12	385.81	2.05	-89.69	-1,790.28	-13,303.34	3,724.89	3,391.50	333.39	11.173	
20,300.00	6,840.00	6,705.15	6,704.84	388.51	2.05	-89.69	-1,790.28	-13,303.34	3,772.18	3,441.12	331.06	11.394	
20,400.00	6,840.00	6,704.88	6,704.57	391.22	2.05	-89.68	-1,790.27	-13,303.34	3,821.49	3,492.89	328.61	11.629	
20,500.00	6,840.00	6,704.60	6,704.29	393.92	2.05	-89.68	-1,790.27	-13,303.34	3,872.77	3,546.70	326.06	11.877	
20,539.70	6,840.00	6,704.49	6,704.18	394.99	2.05	-89.67	-1,790.27	-13,303.34	3,893.64	3,568.62	325.03	11.979	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,600.00	6,840.00	6,745.62	6,745.26	129.78	1.91	-89.84	-1,581.84	-14,860.88	9,932.45	9,861.56	70.89	140.119		
10,700.00	6,840.00	6,744.56	6,744.20	132.35	1.91	-89.82	-1,581.83	-14,860.89	9,837.50	9,765.55	71.95	136.726		
10,800.00	6,840.00	6,743.54	6,743.18	134.91	1.91	-89.80	-1,581.81	-14,860.89	9,742.64	9,669.61	73.04	133.388		
10,900.00	6,840.00	6,742.56	6,742.19	137.49	1.91	-89.78	-1,581.79	-14,860.89	9,647.90	9,573.74	74.15	130.106		
11,000.00	6,840.00	6,741.60	6,741.24	140.07	1.91	-89.76	-1,581.78	-14,860.90	9,553.26	9,477.96	75.29	126.878		
11,100.00	6,840.00	6,740.68	6,740.32	142.65	1.91	-89.75	-1,581.76	-14,860.90	9,458.73	9,382.27	76.46	123.706		
11,200.00	6,840.00	6,739.78	6,739.42	145.24	1.91	-89.73	-1,581.75	-14,860.91	9,364.31	9,286.66	77.66	120.588		
11,300.00	6,840.00	6,738.92	6,738.56	147.83	1.91	-89.71	-1,581.73	-14,860.91	9,270.01	9,191.14	78.88	117.525		
11,400.00	6,840.00	6,738.08	6,737.72	150.43	1.91	-89.70	-1,581.72	-14,860.91	9,175.84	9,095.71	80.13	114.516		
11,500.00	6,840.00	6,737.27	6,736.90	153.04	1.91	-89.68	-1,581.71	-14,860.92	9,081.78	9,000.38	81.41	111.561		
11,600.00	6,840.00	6,736.48	6,736.12	155.64	1.91	-89.67	-1,581.70	-14,860.92	8,987.86	8,905.14	82.72	108.659		
11,700.00	6,840.00	6,735.71	6,735.35	158.26	1.91	-89.66	-1,581.68	-14,860.92	8,894.06	8,810.01	84.06	105.811		
11,800.00	6,840.00	6,734.97	6,734.61	160.87	1.91	-89.64	-1,581.67	-14,860.92	8,800.41	8,714.98	85.43	103.016		
11,900.00	6,840.00	6,734.25	6,733.89	163.49	1.91	-89.63	-1,581.66	-14,860.93	8,706.89	8,620.06	86.83	100.273		
12,000.00	6,840.00	6,733.55	6,733.19	166.11	1.91	-89.62	-1,581.65	-14,860.93	8,613.52	8,525.26	88.27	97.583		
12,100.00	6,840.00	6,732.87	6,732.50	168.74	1.91	-89.60	-1,581.64	-14,860.93	8,520.30	8,430.57	89.74	94.945		
12,200.00	6,840.00	6,732.20	6,731.84	171.37	1.91	-89.59	-1,581.63	-14,860.93	8,427.24	8,336.00	91.25	92.358		
12,300.00	6,840.00	6,731.56	6,731.20	174.00	1.91	-89.58	-1,581.62	-14,860.94	8,334.34	8,241.55	92.79	89.821		
12,400.00	6,840.00	6,730.93	6,730.57	176.63	1.91	-89.57	-1,581.61	-14,860.94	8,241.60	8,147.23	94.37	87.336		
12,500.00	6,840.00	6,730.32	6,729.96	179.27	1.91	-89.56	-1,581.60	-14,860.94	8,149.04	8,053.05	95.98	84.900		
12,600.00	6,840.00	6,729.73	6,729.37	181.91	1.91	-89.54	-1,581.59	-14,860.94	8,056.65	7,959.01	97.64	82.514		
12,700.00	6,840.00	6,729.15	6,728.79	184.55	1.91	-89.53	-1,581.58	-14,860.94	7,964.45	7,865.11	99.34	80.176		
12,800.00	6,840.00	6,728.58	6,728.22	187.19	1.91	-89.52	-1,581.57	-14,860.95	7,872.43	7,771.36	101.07	77.888		
12,900.00	6,840.00	6,728.03	6,727.67	189.84	1.91	-89.51	-1,581.56	-14,860.95	7,780.62	7,677.76	102.85	75.647		
13,000.00	6,840.00	6,727.50	6,727.14	192.48	1.91	-89.50	-1,581.55	-14,860.95	7,689.00	7,584.33	104.68	73.454		
13,100.00	6,840.00	6,726.97	6,726.61	195.13	1.91	-89.49	-1,581.54	-14,860.95	7,597.60	7,491.06	106.55	71.308		
13,200.00	6,840.00	6,726.46	6,726.10	197.79	1.91	-89.48	-1,581.54	-14,860.95	7,506.42	7,397.96	108.46	69.208		
13,300.00	6,840.00	6,725.97	6,725.61	200.44	1.91	-89.48	-1,581.53	-14,860.95	7,415.47	7,305.04	110.42	67.155		
13,400.00	6,840.00	6,725.48	6,725.12	203.10	1.91	-89.47	-1,581.52	-14,860.96	7,324.75	7,212.32	112.44	65.146		
13,500.00	6,840.00	6,725.01	6,724.65	205.75	1.91	-89.46	-1,581.51	-14,860.96	7,234.28	7,119.78	114.50	63.183		
13,600.00	6,840.00	6,724.54	6,724.18	208.41	1.91	-89.45	-1,581.51	-14,860.96	7,144.06	7,027.45	116.61	61.264		
13,700.00	6,840.00	6,724.09	6,723.73	211.07	1.91	-89.44	-1,581.50	-14,860.96	7,054.10	6,935.32	118.78	59.389		
13,800.00	6,840.00	6,723.65	6,723.29	213.74	1.91	-89.43	-1,581.49	-14,860.96	6,964.42	6,843.42	121.00	57.557		
13,900.00	6,840.00	6,723.21	6,722.85	216.40	1.91	-89.42	-1,581.48	-14,860.96	6,875.02	6,751.74	123.28	55.767		
14,000.00	6,840.00	6,722.79	6,722.43	219.06	1.91	-89.42	-1,581.48	-14,860.96	6,785.92	6,660.30	125.62	54.020		
14,100.00	6,840.00	6,722.37	6,722.01	221.73	1.91	-89.41	-1,581.47	-14,860.96	6,697.13	6,569.11	128.02	52.315		
14,200.00	6,840.00	6,721.97	6,721.61	224.40	1.91	-89.40	-1,581.47	-14,860.96	6,608.66	6,478.18	130.48	50.651		
14,300.00	6,840.00	6,721.57	6,721.21	227.07	1.91	-89.39	-1,581.46	-14,860.97	6,520.52	6,387.52	133.00	49.027		
14,400.00	6,840.00	6,721.18	6,720.83	229.74	1.91	-89.39	-1,581.45	-14,860.97	6,432.72	6,297.14	135.59	47.443		
14,500.00	6,840.00	6,720.80	6,720.45	232.41	1.91	-89.38	-1,581.45	-14,860.97	6,345.29	6,207.05	138.24	45.899		
14,600.00	6,840.00	6,720.43	6,720.07	235.08	1.91	-89.37	-1,581.44	-14,860.97	6,258.24	6,117.26	140.97	44.394		
14,700.00	6,840.00	6,720.07	6,719.71	237.75	1.91	-89.37	-1,581.44	-14,860.97	6,171.57	6,027.80	143.77	42.927		
14,800.00	6,840.00	6,719.71	6,719.35	240.43	1.91	-89.36	-1,581.43	-14,860.97	6,085.32	5,938.68	146.64	41.498		
14,900.00	6,840.00	6,719.36	6,719.00	243.10	1.91	-89.35	-1,581.42	-14,860.97	5,999.49	5,849.90	149.59	40.107		
15,000.00	6,840.00	6,719.02	6,718.66	245.78	1.91	-89.35	-1,581.42	-14,860.97	5,914.11	5,761.50	152.61	38.752		
15,100.00	6,840.00	6,718.68	6,718.32	248.46	1.91	-89.34	-1,581.41	-14,860.97	5,829.19	5,673.47	155.72	37.434		
15,200.00	6,840.00	6,718.35	6,717.99	251.14	1.91	-89.33	-1,581.41	-14,860.97	5,744.76	5,585.86	158.90	36.152		
15,300.00	6,840.00	6,718.03	6,717.67	253.82	1.91	-89.33	-1,581.40	-14,860.97	5,660.84	5,498.66	162.18	34.905		
15,400.00	6,840.00	6,717.71	6,717.35	256.50	1.91	-89.32	-1,581.40	-14,860.98	5,577.44	5,411.91	165.53	33.693		
15,500.00	6,840.00	6,717.40	6,717.04	259.18	1.91	-89.32	-1,581.39	-14,860.98	5,494.60	5,325.62	168.98	32.516		
15,600.00	6,840.00	6,717.10	6,716.74	261.86	1.91	-89.31	-1,581.39	-14,860.98	5,412.34	5,239.82	172.52	31.372		
15,700.00	6,840.00	6,716.80	6,716.44	264.54	1.91	-89.31	-1,581.39	-14,860.98	5,330.69	5,154.54	176.15	30.262		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,800.00	6,840.00	6,716.50	6,716.14	267.23	1.91	-89.30	-1,581.38	-14,860.98	5,249.67	5,069.79	179.88	29.185		
15,900.00	6,840.00	6,716.21	6,715.86	269.91	1.91	-89.30	-1,581.38	-14,860.98	5,169.31	4,985.61	183.70	28.140		
16,000.00	6,840.00	6,715.93	6,715.57	272.59	1.91	-89.29	-1,581.37	-14,860.98	5,089.66	4,902.03	187.62	27.127		
16,100.00	6,840.00	6,715.65	6,715.29	275.28	1.91	-89.28	-1,581.37	-14,860.98	5,010.73	4,819.08	191.65	26.146		
16,200.00	6,840.00	6,715.38	6,715.02	277.97	1.91	-89.28	-1,581.36	-14,860.98	4,932.56	4,736.79	195.77	25.195		
16,300.00	6,840.00	6,715.11	6,714.75	280.65	1.91	-89.27	-1,581.36	-14,860.98	4,855.20	4,655.20	200.00	24.276		
16,400.00	6,840.00	6,714.85	6,714.49	283.34	1.91	-89.27	-1,581.36	-14,860.98	4,778.68	4,574.34	204.34	23.386		
16,500.00	6,840.00	6,714.59	6,714.23	286.03	1.91	-89.27	-1,581.35	-14,860.98	4,703.04	4,494.26	208.78	22.526		
16,600.00	6,840.00	6,714.33	6,713.98	288.72	1.91	-89.26	-1,581.35	-14,860.98	4,628.32	4,414.99	213.33	21.696		
16,700.00	6,840.00	6,714.08	6,713.73	291.41	1.91	-89.26	-1,581.34	-14,860.98	4,554.57	4,336.59	217.98	20.894		
16,800.00	6,840.00	6,713.84	6,713.48	294.10	1.91	-89.25	-1,581.34	-14,860.98	4,481.85	4,259.10	222.74	20.121		
16,900.00	6,840.00	6,713.60	6,713.24	296.79	1.91	-89.25	-1,581.34	-14,860.98	4,410.18	4,182.57	227.61	19.376		
17,000.00	6,840.00	6,713.36	6,713.00	299.48	1.91	-89.24	-1,581.33	-14,860.98	4,339.64	4,107.06	232.59	18.658		
17,100.00	6,840.00	6,713.12	6,712.77	302.17	1.91	-89.24	-1,581.33	-14,860.98	4,270.28	4,032.62	237.66	17.968		
17,200.00	6,840.00	6,712.89	6,712.54	304.86	1.91	-89.23	-1,581.33	-14,860.98	4,202.15	3,959.31	242.84	17.304		
17,300.00	6,840.00	6,712.67	6,712.31	307.56	1.91	-89.23	-1,581.32	-14,860.98	4,135.32	3,887.21	248.12	16.667		
17,400.00	6,840.00	6,712.44	6,712.09	310.25	1.91	-89.23	-1,581.32	-14,860.98	4,069.85	3,816.37	253.48	16.056		
17,500.00	6,840.00	6,712.23	6,711.87	312.94	1.91	-89.22	-1,581.32	-14,860.98	4,005.80	3,746.86	258.94	15.470		
17,600.00	6,840.00	6,712.01	6,711.65	315.64	1.91	-89.22	-1,581.31	-14,860.98	3,943.25	3,678.78	264.48	14.910		
17,700.00	6,840.00	6,711.80	6,711.44	318.33	1.91	-89.21	-1,581.31	-14,860.98	3,882.27	3,612.18	270.09	14.374		
17,800.00	6,840.00	6,711.64	6,711.28	321.03	1.91	-89.21	-1,581.30	-14,860.98	3,822.94	3,547.17	275.77	13.863		
17,900.00	6,840.00	6,711.50	6,711.14	323.72	1.91	-89.21	-1,581.30	-14,860.98	3,765.32	3,483.82	281.50	13.376		
18,000.00	6,840.00	6,711.36	6,711.00	326.42	1.91	-89.21	-1,581.30	-14,860.98	3,709.50	3,422.23	287.28	12.913		
18,100.00	6,840.00	6,711.21	6,710.86	329.11	1.91	-89.20	-1,581.30	-14,860.98	3,655.57	3,362.49	293.08	12.473		
18,200.00	6,840.00	6,711.07	6,710.71	331.81	1.91	-89.20	-1,581.30	-14,860.98	3,603.61	3,304.70	298.90	12.056		
18,300.00	6,840.00	6,710.93	6,710.57	334.51	1.91	-89.20	-1,581.29	-14,860.98	3,553.70	3,248.97	304.73	11.662		
18,400.00	6,840.00	6,710.79	6,710.43	337.20	1.91	-89.19	-1,581.29	-14,860.98	3,505.93	3,195.40	310.53	11.290		
18,500.00	6,840.00	6,710.65	6,710.29	339.90	1.91	-89.19	-1,581.29	-14,860.98	3,460.40	3,144.10	316.29	10.940		
18,600.00	6,840.00	6,710.51	6,710.15	342.60	1.91	-89.19	-1,581.29	-14,860.98	3,417.18	3,095.18	322.00	10.612		
18,700.00	6,840.00	6,710.37	6,710.02	345.30	1.91	-89.19	-1,581.28	-14,860.98	3,376.38	3,048.76	327.62	10.306		
18,800.00	6,840.00	6,710.24	6,709.88	348.00	1.91	-89.18	-1,581.28	-14,860.98	3,338.07	3,004.93	333.14	10.020		
18,900.00	6,840.00	6,710.10	6,709.74	350.70	1.91	-89.18	-1,581.28	-14,860.98	3,302.35	2,963.83	338.52	9.755		
19,000.00	6,840.00	6,709.96	6,709.60	353.39	1.91	-89.18	-1,581.28	-14,860.98	3,269.30	2,925.54	343.75	9.511		
19,100.00	6,840.00	6,709.83	6,709.47	356.09	1.91	-89.18	-1,581.28	-14,860.98	3,238.99	2,890.20	348.80	9.286		
19,200.00	6,840.00	6,709.69	6,709.33	358.79	1.91	-89.17	-1,581.27	-14,860.98	3,211.52	2,857.89	353.63	9.082		
19,300.00	6,840.00	6,709.56	6,709.20	361.49	1.91	-89.17	-1,581.27	-14,860.98	3,186.95	2,828.73	358.23	8.897		
19,400.00	6,840.00	6,709.42	6,709.06	364.20	1.91	-89.17	-1,581.27	-14,860.98	3,165.35	2,802.79	362.56	8.731		
19,500.00	6,840.00	6,709.29	6,708.93	366.90	1.91	-89.17	-1,581.27	-14,860.98	3,146.78	2,780.18	366.60	8.584		
19,600.00	6,840.00	6,709.16	6,708.80	369.60	1.91	-89.16	-1,581.27	-14,861.00	3,131.30	2,760.96	370.34	8.455		
19,700.00	6,840.00	6,709.02	6,708.67	372.30	1.91	-89.16	-1,581.26	-14,861.00	3,118.95	2,745.21	373.74	8.345		
19,800.00	6,840.00	6,708.89	6,708.53	375.00	1.91	-89.16	-1,581.26	-14,861.00	3,109.76	2,732.97	376.79	8.253		
19,900.00	6,840.00	6,708.76	6,708.40	377.70	1.91	-89.16	-1,581.26	-14,861.00	3,103.77	2,724.30	379.47	8.179		
20,000.00	6,840.00	6,708.63	6,708.27	380.40	1.91	-89.16	-1,581.26	-14,861.00	3,101.00	2,719.22	381.78	8.123		
20,036.06	6,840.00	6,708.58	6,708.22	381.38	1.91	-89.15	-1,581.26	-14,861.00	3,100.79	2,718.28	382.51	8.106 CC		
20,100.00	6,840.00	6,708.50	6,708.14	383.11	1.91	-89.15	-1,581.26	-14,861.00	3,101.45	2,717.76	383.69	8.083 ES		
20,200.00	6,840.00	6,708.37	6,708.01	385.81	1.91	-89.15	-1,581.26	-14,861.00	3,105.12	2,719.91	385.21	8.061		
20,300.00	6,840.00	6,708.24	6,707.88	388.51	1.91	-89.15	-1,581.25	-14,861.00	3,112.00	2,725.67	386.33	8.055 SF		
20,400.00	6,840.00	6,708.11	6,707.75	391.22	1.91	-89.15	-1,581.25	-14,861.00	3,122.07	2,735.01	387.06	8.066		
20,500.00	6,840.00	6,707.98	6,707.63	393.92	1.91	-89.14	-1,581.25	-14,861.00	3,135.30	2,747.90	387.40	8.093		
20,539.70	6,840.00	6,707.93	6,707.58	394.99	1.91	-89.14	-1,581.25	-14,861.00	3,141.42	2,753.99	387.43	8.108		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 890-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,700.00	6,840.00	5,489.00	5,477.47	61.90	17.93	36.88	2,447.27	-12,320.87	9,937.54	9,882.61	54.93	180.919		
7,800.00	6,840.00	5,489.00	5,477.47	63.83	17.93	36.88	2,447.27	-12,320.87	9,838.80	9,783.96	54.84	179.401		
7,900.00	6,840.00	5,489.00	5,477.47	65.81	17.93	36.88	2,447.27	-12,320.87	9,740.09	9,685.33	54.76	177.875		
8,000.00	6,840.00	5,489.00	5,477.47	67.84	17.93	36.88	2,447.27	-12,320.87	9,641.40	9,586.72	54.67	176.340		
8,100.00	6,840.00	5,681.00	5,667.13	69.91	18.68	42.12	2,468.43	-12,341.78	9,542.58	9,487.44	55.14	173.047		
8,200.00	6,840.00	5,681.00	5,667.13	72.03	18.68	42.12	2,468.43	-12,341.78	9,443.73	9,388.67	55.05	171.536		
8,300.00	6,840.00	5,681.00	5,667.13	74.18	18.68	42.12	2,468.43	-12,341.78	9,344.90	9,289.93	54.96	170.016		
8,400.00	6,840.00	5,681.00	5,667.13	76.37	18.68	42.12	2,468.43	-12,341.78	9,246.09	9,191.21	54.88	168.486		
8,500.00	6,840.00	5,681.00	5,667.13	78.59	18.68	42.12	2,468.43	-12,341.78	9,147.31	9,092.52	54.79	166.946		
8,600.00	6,840.00	5,706.96	5,692.79	80.85	18.78	42.91	2,471.52	-12,344.25	9,048.37	8,993.59	54.77	165.194		
8,700.00	6,840.00	5,709.01	5,694.81	83.13	18.79	42.98	2,471.77	-12,344.46	8,949.61	8,894.91	54.70	163.622		
8,800.00	6,840.00	5,711.09	5,696.86	85.44	18.80	43.04	2,472.03	-12,344.67	8,850.88	8,796.26	54.62	162.040		
8,900.00	6,840.00	5,713.20	5,698.95	87.77	18.81	43.11	2,472.30	-12,344.89	8,752.17	8,697.62	54.55	160.446		
9,000.00	6,840.00	5,715.35	5,701.07	90.12	18.82	43.17	2,472.57	-12,345.11	8,653.49	8,599.02	54.48	158.840		
9,100.00	6,840.00	5,717.54	5,703.22	92.50	18.83	43.24	2,472.85	-12,345.34	8,554.84	8,500.43	54.41	157.222		
9,200.00	6,840.00	5,719.76	5,705.41	94.89	18.83	43.31	2,473.13	-12,345.58	8,456.22	8,401.87	54.35	155.591		
9,300.00	6,840.00	5,745.00	5,730.28	97.30	18.93	44.11	2,476.46	-12,348.37	8,357.78	8,303.45	54.33	153.820		
9,400.00	6,840.00	5,745.00	5,730.28	99.73	18.93	44.11	2,476.46	-12,348.37	8,259.19	8,204.92	54.27	152.178		
9,500.00	6,840.00	6,962.00	6,940.62	102.17	23.36	101.59	2,540.57	-12,399.00	8,160.42	8,104.27	56.14	145.347		
9,600.00	6,840.00	6,962.00	6,940.62	104.63	23.36	101.59	2,540.57	-12,399.00	8,061.26	8,005.26	56.00	143.956		
9,700.00	6,840.00	6,962.00	6,940.62	107.10	23.36	101.59	2,540.57	-12,399.00	7,962.13	7,906.28	55.86	142.549		
9,800.00	6,840.00	6,962.00	6,940.62	109.58	23.36	101.59	2,540.57	-12,399.00	7,863.02	7,807.31	55.72	141.126		
9,900.00	6,840.00	6,946.83	6,925.47	112.07	23.31	100.77	2,541.11	-12,399.29	7,763.90	7,708.34	55.57	139.722		
10,000.00	6,840.00	6,945.87	6,924.51	114.58	23.31	100.72	2,541.15	-12,399.31	7,664.84	7,609.40	55.44	138.260		
10,100.00	6,840.00	6,944.90	6,923.53	117.09	23.31	100.67	2,541.18	-12,399.33	7,565.79	7,510.48	55.31	136.778		
10,200.00	6,840.00	6,943.91	6,922.55	119.61	23.30	100.61	2,541.22	-12,399.35	7,466.77	7,411.58	55.20	135.274		
10,300.00	6,840.00	6,942.91	6,921.54	122.14	23.30	100.56	2,541.25	-12,399.37	7,367.78	7,312.69	55.09	133.747		
10,400.00	6,840.00	6,941.89	6,920.53	124.68	23.30	100.51	2,541.29	-12,399.39	7,268.82	7,213.83	54.99	132.194		
10,500.00	6,840.00	6,940.86	6,919.50	127.23	23.29	100.45	2,541.32	-12,399.42	7,169.88	7,114.99	54.89	130.616		
10,600.00	6,840.00	6,939.81	6,918.45	129.78	23.29	100.39	2,541.36	-12,399.44	7,070.98	7,016.17	54.81	129.009		
10,700.00	6,840.00	6,938.75	6,917.39	132.35	23.29	100.34	2,541.40	-12,399.46	6,972.10	6,917.36	54.74	127.373		
10,800.00	6,840.00	6,937.67	6,916.31	134.91	23.28	100.28	2,541.44	-12,399.48	6,873.26	6,818.58	54.68	125.705		
10,900.00	6,840.00	6,936.57	6,915.21	137.49	23.28	100.22	2,541.48	-12,399.51	6,774.45	6,719.82	54.63	124.004		
11,000.00	6,840.00	6,935.46	6,914.10	140.07	23.28	100.16	2,541.52	-12,399.53	6,675.67	6,621.07	54.60	122.268		
11,100.00	6,840.00	6,934.33	6,912.97	142.65	23.27	100.10	2,541.56	-12,399.56	6,576.94	6,522.35	54.58	120.496		
11,200.00	6,840.00	6,933.18	6,911.83	145.24	23.27	100.04	2,541.60	-12,399.58	6,478.24	6,423.65	54.58	118.685		
11,300.00	6,840.00	6,932.02	6,910.67	147.83	23.27	99.97	2,541.64	-12,399.61	6,379.58	6,324.97	54.60	116.834		
11,400.00	6,840.00	6,930.84	6,909.48	150.43	23.26	99.91	2,541.68	-12,399.64	6,280.96	6,226.31	54.65	114.941		
11,500.00	6,840.00	6,929.63	6,908.28	153.04	23.26	99.84	2,541.73	-12,399.67	6,182.39	6,127.68	54.71	113.005		
11,600.00	6,840.00	6,928.41	6,907.06	155.64	23.25	99.78	2,541.77	-12,399.69	6,083.86	6,029.06	54.80	111.023		
11,700.00	6,840.00	6,927.17	6,905.82	158.26	23.25	99.71	2,541.81	-12,399.72	5,985.38	5,930.46	54.91	108.996		
11,800.00	6,840.00	6,925.91	6,904.56	160.87	23.25	99.64	2,541.86	-12,399.75	5,886.95	5,831.89	55.06	106.921		
11,900.00	6,840.00	6,924.63	6,903.28	163.49	23.24	99.57	2,541.90	-12,399.78	5,788.58	5,733.34	55.24	104.797		
12,000.00	6,840.00	6,923.33	6,901.98	166.11	23.24	99.50	2,541.95	-12,399.82	5,690.26	5,634.81	55.45	102.625		
12,100.00	6,840.00	6,922.00	6,900.66	168.74	23.23	99.43	2,542.00	-12,399.85	5,592.00	5,536.30	55.70	100.404		
12,200.00	6,840.00	6,920.66	6,899.32	171.37	23.23	99.36	2,542.05	-12,399.88	5,493.80	5,437.82	55.98	98.133		
12,300.00	6,840.00	6,919.29	6,897.95	174.00	23.23	99.28	2,542.09	-12,399.91	5,395.67	5,339.35	56.31	95.814		
12,400.00	6,840.00	6,917.90	6,896.56	176.63	23.22	99.21	2,542.14	-12,399.95	5,297.60	5,240.91	56.69	93.447		
12,500.00	6,840.00	6,916.48	6,895.14	179.27	23.22	99.13	2,542.19	-12,399.98	5,199.62	5,142.50	57.12	91.034		
12,600.00	6,840.00	6,915.04	6,893.70	181.91	23.21	99.05	2,542.25	-12,400.02	5,101.70	5,044.11	57.60	88.577		
12,700.00	6,840.00	6,913.57	6,892.24	184.55	23.21	98.97	2,542.30	-12,400.06	5,003.87	4,945.74	58.13	86.078		
12,800.00	6,840.00	6,912.08	6,890.75	187.19	23.20	98.89	2,542.35	-12,400.10	4,906.13	4,847.40	58.73	83.540		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 890-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	6,840.00	6,910.56	6,889.23	189.84	23.20	98.81	2,542.41	-12,400.14	4,808.48	4,749.09	59.39	80.967		
13,000.00	6,840.00	6,909.02	6,887.69	192.48	23.19	98.73	2,542.46	-12,400.18	4,710.92	4,650.81	60.12	78.362		
13,100.00	6,840.00	13,100.00	6,861.59	195.13	43.10	97.30	2,543.33	-12,400.81	4,613.46	4,532.28	81.19	56.824		
13,200.00	6,840.00	13,200.00	6,859.36	197.79	43.43	97.18	2,543.40	-12,400.86	4,516.11	4,433.70	82.41	54.803		
13,300.00	6,840.00	13,300.00	6,857.13	200.44	43.75	97.06	2,543.47	-12,400.91	4,418.87	4,335.17	83.71	52.791		
13,400.00	6,840.00	6,917.09	6,895.74	203.10	23.22	99.16	2,542.16	-12,399.92	4,321.80	4,258.04	63.76	67.784		
13,500.00	6,840.00	6,909.51	6,888.18	205.75	23.19	98.75	2,542.44	-12,400.15	4,224.85	4,159.93	64.92	65.079		
13,600.00	6,840.00	6,902.38	6,881.05	208.41	23.17	98.36	2,542.70	-12,400.35	4,128.03	4,061.86	66.18	62.377		
13,700.00	6,840.00	6,895.66	6,874.34	211.07	23.15	98.00	2,542.94	-12,400.54	4,031.37	3,963.83	67.54	59.687		
13,800.00	6,840.00	6,889.31	6,868.00	213.74	23.13	97.65	2,543.16	-12,400.72	3,934.87	3,865.85	69.02	57.014		
13,900.00	6,840.00	6,883.31	6,862.00	216.40	23.11	97.32	2,543.37	-12,400.88	3,838.54	3,767.94	70.61	54.365		
14,000.00	6,840.00	6,877.62	6,856.32	219.06	23.09	97.01	2,543.56	-12,401.02	3,742.40	3,670.08	72.32	51.745		
14,100.00	6,840.00	6,872.23	6,850.93	221.73	23.08	96.72	2,543.74	-12,401.16	3,646.47	3,572.30	74.17	49.162		
14,200.00	6,840.00	6,867.11	6,845.82	224.40	23.06	96.44	2,543.91	-12,401.28	3,550.76	3,474.59	76.16	46.619		
14,300.00	6,840.00	6,862.24	6,840.95	227.07	23.04	96.17	2,544.07	-12,401.40	3,455.28	3,376.97	78.31	44.124		
14,400.00	6,840.00	6,857.60	6,836.31	229.74	23.03	95.92	2,544.22	-12,401.51	3,360.07	3,279.45	80.61	41.681		
14,500.00	6,840.00	6,853.17	6,831.89	232.41	23.01	95.67	2,544.36	-12,401.61	3,265.14	3,182.04	83.09	39.294		
14,600.00	6,840.00	6,848.95	6,827.68	235.08	23.00	95.44	2,544.49	-12,401.70	3,170.51	3,084.75	85.76	36.969		
14,700.00	6,840.00	6,844.92	6,823.65	237.75	22.99	95.22	2,544.62	-12,401.79	3,076.23	2,987.60	88.63	34.709		
14,800.00	6,840.00	6,841.06	6,819.79	240.43	22.98	95.01	2,544.74	-12,401.87	2,982.31	2,890.60	91.71	32.517		
14,900.00	6,840.00	6,837.37	6,816.10	243.10	22.96	94.80	2,544.85	-12,401.95	2,888.80	2,793.77	95.03	30.398		
15,000.00	6,840.00	6,833.83	6,812.57	245.78	22.95	94.61	2,544.95	-12,402.02	2,795.74	2,697.13	98.61	28.353		
15,100.00	6,840.00	6,830.44	6,809.18	248.46	22.94	94.42	2,545.05	-12,402.09	2,703.17	2,600.72	102.45	26.385		
15,200.00	6,840.00	6,827.18	6,805.92	251.14	22.93	94.24	2,545.15	-12,402.16	2,611.14	2,504.55	106.60	24.496		
15,300.00	6,840.00	6,824.06	6,802.79	253.82	22.92	94.07	2,545.24	-12,402.22	2,519.72	2,408.66	111.06	22.687		
15,400.00	6,840.00	6,821.05	6,799.79	256.50	22.91	93.91	2,545.33	-12,402.27	2,428.97	2,313.09	115.88	20.960		
15,500.00	6,840.00	6,818.15	6,796.90	259.18	22.90	93.75	2,545.41	-12,402.33	2,338.98	2,217.89	121.09	19.316		
15,600.00	6,840.00	6,815.37	6,794.11	261.86	22.89	93.59	2,545.49	-12,402.38	2,249.83	2,123.12	126.71	17.755		
15,700.00	6,840.00	6,812.68	6,791.43	264.54	22.89	93.44	2,545.56	-12,402.42	2,161.62	2,028.83	132.79	16.278		
15,800.00	6,840.00	6,810.09	6,788.84	267.23	22.88	93.30	2,545.63	-12,402.47	2,074.49	1,935.11	139.37	14.884		
15,900.00	6,840.00	6,807.59	6,786.34	269.91	22.87	93.16	2,545.70	-12,402.51	1,988.56	1,842.06	146.50	13.574		
16,000.00	6,840.00	6,805.18	6,783.93	272.59	22.86	93.03	2,545.77	-12,402.55	1,904.01	1,749.80	154.21	12.347		
16,100.00	6,840.00	6,802.85	6,781.60	275.28	22.85	92.90	2,545.83	-12,402.59	1,821.02	1,658.45	162.56	11.202		
16,200.00	6,840.00	6,800.71	6,779.46	277.97	22.85	92.78	2,545.89	-12,402.63	1,739.81	1,568.21	171.60	10.139		
16,300.00	6,840.00	6,798.67	6,777.42	280.65	22.84	92.67	2,545.94	-12,402.66	1,660.66	1,479.29	181.37	9.156		
16,400.00	6,840.00	6,796.66	6,775.42	283.34	22.83	92.56	2,546.00	-12,402.69	1,583.86	1,391.96	191.91	8.253		
16,500.00	6,840.00	6,794.69	6,773.45	286.03	22.83	92.45	2,546.05	-12,402.72	1,509.79	1,306.55	203.23	7.429		
16,600.00	6,840.00	6,792.75	6,771.51	288.72	22.82	92.35	2,546.10	-12,402.75	1,438.85	1,223.49	215.36	6.681		
16,700.00	6,840.00	6,790.84	6,769.60	291.41	22.82	92.24	2,546.15	-12,402.78	1,371.53	1,143.30	228.23	6.009		
16,800.00	6,840.00	6,788.96	6,767.72	294.10	22.81	92.14	2,546.20	-12,402.81	1,308.40	1,066.62	241.78	5.411		
16,900.00	6,840.00	6,787.11	6,765.87	296.79	22.80	92.03	2,546.24	-12,402.84	1,250.09	994.24	255.85	4.886		
17,000.00	6,840.00	6,785.29	6,764.05	299.48	22.80	91.93	2,546.29	-12,402.87	1,197.29	927.10	270.19	4.431		
17,100.00	6,840.00	6,783.49	6,762.25	302.17	22.79	91.84	2,546.33	-12,402.90	1,150.79	866.32	284.47	4.045		
17,200.00	6,840.00	6,781.73	6,760.49	304.86	22.79	91.74	2,546.38	-12,402.92	1,111.35	813.12	298.23	3.727		
17,300.00	6,840.00	6,779.99	6,758.75	307.56	22.78	91.64	2,546.42	-12,402.95	1,079.76	768.82	310.94	3.473		
17,400.00	6,840.00	6,778.27	6,757.04	310.25	22.78	91.55	2,546.46	-12,402.97	1,056.72	734.71	322.01	3.282		
17,500.00	6,840.00	6,776.58	6,755.35	312.94	22.77	91.45	2,546.50	-12,403.00	1,042.80	711.89	330.91	3.151		
17,596.17	6,840.00	6,774.98	6,753.75	315.53	22.76	91.37	2,546.54	-12,403.02	1,038.36	701.36	337.00	3.081 CC		
17,600.00	6,840.00	6,774.92	6,753.69	315.64	22.76	91.36	2,546.54	-12,403.02	1,038.37	701.18	337.18	3.080 ES		
17,700.00	6,840.00	6,773.28	6,752.05	318.33	22.76	91.27	2,546.58	-12,403.05	1,043.54	702.94	340.60	3.064 SF		
17,800.00	6,840.00	6,771.67	6,750.43	321.03	22.75	91.18	2,546.62	-12,403.07	1,058.17	717.03	341.14	3.102		
17,900.00	6,840.00	6,770.08	6,748.84	323.72	22.75	91.09	2,546.66	-12,403.09	1,081.89	742.87	339.02	3.191		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 890-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,000.00	6,840.00	6,768.51	6,747.27	326.42	22.74	91.01	2,546.69	-12,403.11	1,114.10	779.49	334.62	3.329		
18,100.00	6,840.00	6,766.96	6,745.73	329.11	22.74	90.92	2,546.73	-12,403.14	1,154.11	825.70	328.41	3.514		
18,200.00	6,840.00	6,765.44	6,744.20	331.81	22.73	90.84	2,546.76	-12,403.16	1,201.13	880.24	320.90	3.743		
18,300.00	6,840.00	6,763.93	6,742.70	334.51	22.73	90.76	2,546.80	-12,403.18	1,254.37	941.85	312.52	4.014		
18,400.00	6,840.00	6,762.45	6,741.22	337.20	22.72	90.67	2,546.83	-12,403.20	1,313.08	1,009.41	303.68	4.324		
18,500.00	6,840.00	6,760.99	6,739.76	339.90	22.72	90.59	2,546.86	-12,403.22	1,376.56	1,081.90	294.66	4.672		
18,600.00	6,840.00	6,759.55	6,738.32	342.60	22.72	90.51	2,546.90	-12,403.24	1,444.17	1,158.47	285.70	5.055		
18,700.00	6,840.00	6,758.13	6,736.90	345.30	22.71	90.44	2,546.93	-12,403.26	1,515.37	1,238.42	276.96	5.471		
18,800.00	6,840.00	6,756.72	6,735.49	348.00	22.71	90.36	2,546.96	-12,403.28	1,589.68	1,321.14	268.53	5.920		
18,900.00	6,840.00	6,755.34	6,734.11	350.70	22.70	90.28	2,546.99	-12,403.29	1,666.67	1,406.18	260.49	6.398		
19,000.00	6,840.00	6,753.98	6,732.75	353.39	22.70	90.21	2,547.02	-12,403.31	1,746.00	1,493.13	252.87	6.905		
19,100.00	6,840.00	6,752.63	6,731.40	356.09	22.69	90.13	2,547.05	-12,403.33	1,827.35	1,581.68	245.67	7.438		
19,200.00	6,840.00	6,751.30	6,730.07	358.79	22.69	90.06	2,547.08	-12,403.35	1,910.47	1,671.57	238.90	7.997		
19,300.00	6,840.00	6,749.99	6,728.76	361.49	22.68	89.99	2,547.10	-12,403.37	1,995.15	1,762.60	232.55	8.580		
19,400.00	6,840.00	6,748.69	6,727.47	364.20	22.68	89.92	2,547.13	-12,403.38	2,081.18	1,854.59	226.58	9.185		
19,500.00	6,840.00	6,747.42	6,726.19	366.90	22.68	89.84	2,547.16	-12,403.40	2,168.41	1,947.41	221.00	9.812		
19,600.00	6,840.00	6,746.16	6,724.93	369.60	22.67	89.78	2,547.18	-12,403.41	2,256.70	2,040.94	215.76	10.459		
19,700.00	6,840.00	6,744.91	6,723.68	372.30	22.67	89.71	2,547.21	-12,403.43	2,345.93	2,135.07	210.85	11.126		
19,800.00	6,840.00	6,743.68	6,722.46	375.00	22.66	89.64	2,547.23	-12,403.45	2,435.99	2,229.74	206.25	11.811		
19,900.00	6,840.00	6,742.47	6,721.24	377.70	22.66	89.57	2,547.26	-12,403.46	2,526.80	2,324.87	201.93	12.513		
20,000.00	6,840.00	6,741.27	6,720.04	380.40	22.66	89.51	2,547.28	-12,403.48	2,618.28	2,420.40	197.88	13.232		
20,100.00	6,840.00	6,740.09	6,718.86	383.11	22.65	89.44	2,547.31	-12,403.49	2,710.37	2,516.30	194.07	13.966		
20,200.00	6,840.00	6,738.92	6,717.69	385.81	22.65	89.38	2,547.33	-12,403.50	2,802.99	2,612.51	190.48	14.715		
20,300.00	6,840.00	6,737.76	6,716.54	388.51	22.65	89.31	2,547.35	-12,403.52	2,896.10	2,709.00	187.11	15.478		
20,400.00	6,840.00	6,736.62	6,715.40	391.22	22.64	89.25	2,547.38	-12,403.53	2,989.66	2,805.74	183.92	16.255		
20,500.00	6,840.00	6,735.50	6,714.27	393.92	22.64	89.19	2,547.40	-12,403.55	3,083.63	2,902.71	180.92	17.044		
20,539.70	6,840.00	6,735.05	6,713.83	394.99	22.64	89.16	2,547.41	-12,403.55	3,121.03	2,941.25	179.77	17.361		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 678-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,776.86	4,942.37	4,880.61	34.79	19.98	-50.67	-1,200.00	-11,075.98	9,990.73	9,942.05	48.68	205.252		
5,200.00	4,868.38	5,115.00	5,050.38	35.62	20.80	-51.17	-1,229.19	-11,064.90	9,961.29	9,911.07	50.22	198.356		
5,300.00	4,959.90	5,167.29	5,101.64	36.45	21.05	-51.32	-1,238.82	-11,061.15	9,931.79	9,880.57	51.22	193.893		
5,400.00	5,051.41	5,400.00	5,189.27	37.27	22.17	-51.58	-1,254.78	-11,055.21	9,902.80	9,849.71	53.08	186.546		
5,500.00	5,142.93	5,357.40	5,288.48	38.10	21.96	-51.88	-1,271.48	-11,048.46	9,873.72	9,820.09	53.62	184.125		
5,600.00	5,234.45	5,410.21	5,340.47	38.93	22.21	-52.03	-1,280.14	-11,045.05	9,845.03	9,790.40	54.63	180.216		
5,700.00	5,325.97	5,479.06	5,408.23	39.76	22.53	-52.23	-1,291.54	-11,040.74	9,816.74	9,761.03	55.71	176.206		
5,800.00	5,417.49	5,547.91	5,475.96	40.59	22.86	-52.43	-1,303.14	-11,036.48	9,788.80	9,732.00	56.80	172.334		
5,900.00	5,509.01	5,644.10	5,570.52	41.42	23.31	-52.72	-1,319.75	-11,030.53	9,761.16	9,703.14	58.02	168.232		
6,000.00	5,600.53	5,681.00	5,606.86	42.25	23.49	-52.83	-1,325.74	-11,028.26	9,733.72	9,674.75	58.97	165.067		
6,100.00	5,692.04	5,738.77	5,663.81	43.07	23.75	-53.00	-1,334.88	-11,025.00	9,706.75	9,646.74	60.01	161.761		
6,200.00	5,783.56	5,992.46	5,912.24	43.90	25.01	-53.78	-1,382.84	-11,008.11	9,680.16	9,618.12	62.04	156.038		
6,300.00	5,875.08	6,064.76	5,982.41	44.73	25.40	-54.03	-1,399.11	-11,001.80	9,652.56	9,589.35	63.22	152.692		
6,400.00	5,966.60	6,158.13	6,073.21	45.56	25.89	-54.34	-1,419.33	-10,993.84	9,625.23	9,560.72	64.50	149.218		
6,500.00	6,058.12	6,208.82	6,122.69	46.39	26.15	-54.50	-1,429.60	-10,989.79	9,598.26	9,532.70	65.56	146.411		
6,600.00	6,149.64	6,245.00	6,158.09	47.22	26.33	-54.62	-1,436.54	-10,987.09	9,571.81	9,505.27	66.54	143.853		
6,700.00	6,241.16	6,292.98	6,205.21	48.05	26.56	-54.77	-1,445.03	-10,983.94	9,545.96	9,478.39	67.56	141.289		
6,800.00	6,332.68	6,339.00	6,250.60	48.88	26.78	-54.90	-1,452.22	-10,981.52	9,520.79	9,452.21	68.58	138.831		
6,900.00	6,424.19	6,447.59	6,357.93	49.71	27.26	-55.22	-1,467.75	-10,976.25	9,495.91	9,426.05	69.86	135.932		
7,000.00	6,514.88	6,502.12	6,411.84	50.58	27.50	-49.75	-1,475.59	-10,973.60	9,469.03	9,398.11	70.92	133.518		
7,100.00	6,599.14	6,667.70	6,575.03	51.67	28.27	-44.49	-1,501.86	-10,963.95	9,428.14	9,355.54	72.60	129.863		
7,200.00	6,673.85	6,718.00	6,624.39	53.01	28.51	-42.94	-1,510.88	-10,960.61	9,373.21	9,299.38	73.83	126.951		
7,300.00	6,736.73	6,771.59	6,677.00	54.56	28.77	-44.53	-1,520.48	-10,957.11	9,305.98	9,230.86	75.12	123.889		
7,400.00	6,785.87	6,863.88	6,767.85	56.29	29.21	-49.96	-1,535.63	-10,951.20	9,228.26	9,151.69	76.57	120.524		
7,500.00	6,819.79	7,500.00	6,790.55	58.13	32.15	-59.97	-1,538.98	-10,949.71	9,142.37	9,061.88	80.48	113.597		
7,600.00	6,837.44	6,925.62	6,828.77	60.02	29.49	-78.23	-1,544.83	-10,947.22	9,051.12	8,972.41	78.71	114.991		
7,700.00	6,840.00	6,922.39	6,825.58	61.90	29.47	-91.95	-1,544.36	-10,947.43	8,957.30	8,877.81	79.49	112.687		
7,800.00	6,840.00	7,800.00	6,790.34	63.83	33.53	-91.29	-1,538.95	-10,949.72	8,863.31	8,778.97	84.34	105.091		
7,900.00	6,840.00	6,926.16	6,829.31	65.81	29.49	-92.02	-1,544.88	-10,947.18	8,769.49	8,688.37	81.12	108.104		
8,000.00	6,840.00	6,905.10	6,808.51	67.84	29.40	-91.63	-1,541.84	-10,948.54	8,675.79	8,593.92	81.87	105.972		
8,100.00	6,840.00	6,884.18	6,787.87	69.91	29.30	-91.24	-1,538.73	-10,949.89	8,582.21	8,499.57	82.64	103.847		
8,200.00	6,840.00	6,863.39	6,767.36	72.03	29.20	-90.86	-1,535.55	-10,951.23	8,488.77	8,405.33	83.44	101.731		
8,300.00	6,840.00	6,842.73	6,747.00	74.18	29.11	-90.47	-1,532.31	-10,952.55	8,395.46	8,311.19	84.27	99.624		
8,400.00	6,840.00	6,822.20	6,726.78	76.37	29.01	-90.09	-1,529.00	-10,953.87	8,302.29	8,217.16	85.13	97.528		
8,500.00	6,840.00	6,806.37	6,711.20	78.59	28.94	-89.80	-1,526.39	-10,954.88	8,209.27	8,123.23	86.03	95.420		
8,600.00	6,840.00	6,795.04	6,700.05	80.85	28.88	-89.58	-1,524.49	-10,955.60	8,116.40	8,029.41	86.99	93.302		
8,700.00	6,840.00	6,783.60	6,688.81	83.13	28.83	-89.37	-1,522.55	-10,956.33	8,023.70	7,935.72	87.98	91.202		
8,800.00	6,840.00	6,772.07	6,677.47	85.44	28.77	-89.16	-1,520.56	-10,957.08	7,931.16	7,842.16	88.99	89.119		
8,900.00	6,840.00	6,760.43	6,666.04	87.77	28.72	-88.94	-1,518.53	-10,957.83	7,838.80	7,748.75	90.04	87.056		
9,000.00	6,840.00	6,748.69	6,654.51	90.12	28.66	-88.72	-1,516.45	-10,958.60	7,746.61	7,655.49	91.12	85.013		
9,100.00	6,840.00	6,736.84	6,642.88	92.50	28.60	-88.50	-1,514.32	-10,959.37	7,654.62	7,562.38	92.24	82.990		
9,200.00	6,840.00	6,724.88	6,631.14	94.89	28.55	-88.27	-1,512.15	-10,960.16	7,562.81	7,469.43	93.38	80.989		
9,300.00	6,840.00	6,718.00	6,624.39	97.30	28.51	-88.14	-1,510.88	-10,960.61	7,471.21	7,376.61	94.59	78.984		
9,400.00	6,840.00	6,718.00	6,624.39	99.73	28.51	-88.14	-1,510.88	-10,960.61	7,379.82	7,283.94	95.88	76.968		
9,500.00	6,840.00	6,718.00	6,624.39	102.17	28.51	-88.14	-1,510.88	-10,960.61	7,288.66	7,191.45	97.21	74.979		
9,600.00	6,840.00	6,718.00	6,624.39	104.63	28.51	-88.14	-1,510.88	-10,960.61	7,197.73	7,099.15	98.58	73.017		
9,700.00	6,840.00	6,700.61	6,607.34	107.10	28.43	-87.82	-1,507.71	-10,961.76	7,107.01	7,007.13	99.88	71.159		
9,800.00	6,840.00	6,696.67	6,603.47	109.58	28.41	-87.74	-1,506.99	-10,962.02	7,016.56	6,915.26	101.30	69.266		
9,900.00	6,840.00	6,692.72	6,599.59	112.07	28.39	-87.67	-1,506.28	-10,962.28	6,926.37	6,823.61	102.77	67.400		
10,000.00	6,840.00	6,688.76	6,595.71	114.58	28.37	-87.60	-1,505.57	-10,962.55	6,836.45	6,732.17	104.27	65.562		
10,100.00	6,840.00	6,684.79	6,591.81	117.09	28.35	-87.52	-1,504.87	-10,962.81	6,746.81	6,640.98	105.83	63.752		
10,200.00	6,840.00	6,680.82	6,587.91	119.61	28.33	-87.45	-1,504.16	-10,963.07	6,657.46	6,550.03	107.43	61.970		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 678-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,840.00	6,676.84	6,584.00	122.14	28.31	-87.37	-1,503.46	-10,963.34	6,568.41	6,459.33	109.08	60.217		
10,400.00	6,840.00	6,672.85	6,580.09	124.68	28.30	-87.30	-1,502.76	-10,963.60	6,479.68	6,368.90	110.78	58.494		
10,500.00	6,840.00	6,668.86	6,576.16	127.23	28.28	-87.22	-1,502.06	-10,963.87	6,391.28	6,278.75	112.52	56.800		
10,600.00	6,840.00	6,664.86	6,572.23	129.78	28.26	-87.15	-1,501.36	-10,964.14	6,303.21	6,188.89	114.32	55.136		
10,700.00	6,840.00	6,660.85	6,568.29	132.35	28.24	-87.07	-1,500.66	-10,964.41	6,215.51	6,099.34	116.17	53.502		
10,800.00	6,840.00	6,656.83	6,564.35	134.91	28.22	-86.99	-1,499.97	-10,964.67	6,128.18	6,010.10	118.08	51.899		
10,900.00	6,840.00	6,652.81	6,560.39	137.49	28.20	-86.92	-1,499.28	-10,964.94	6,041.23	5,921.19	120.04	50.326		
11,000.00	6,840.00	6,648.78	6,556.43	140.07	28.18	-86.84	-1,498.59	-10,965.21	5,954.70	5,832.63	122.06	48.784		
11,100.00	6,840.00	6,644.74	6,552.46	142.65	28.16	-86.77	-1,497.90	-10,965.49	5,868.58	5,744.44	124.14	47.273		
11,200.00	6,840.00	6,640.70	6,548.48	145.24	28.14	-86.69	-1,497.22	-10,965.76	5,782.91	5,656.63	126.28	45.794		
11,300.00	6,840.00	6,636.65	6,544.50	147.83	28.12	-86.61	-1,496.53	-10,966.03	5,697.70	5,569.21	128.49	44.345		
11,400.00	6,840.00	11,400.00	6,525.14	150.43	50.05	-86.24	-1,493.31	-10,967.29	5,612.98	5,460.51	152.47	36.814		
11,500.00	6,840.00	6,639.59	6,547.39	153.04	28.13	-86.67	-1,497.03	-10,965.80	5,528.74	5,395.56	133.18	41.515		
11,600.00	6,840.00	6,627.18	6,535.19	155.64	28.07	-86.43	-1,494.95	-10,966.66	5,445.05	5,309.54	135.51	40.181		
11,700.00	6,840.00	6,615.67	6,523.87	158.26	28.02	-86.22	-1,493.05	-10,967.44	5,361.91	5,223.99	137.93	38.876		
11,800.00	6,840.00	6,604.98	6,513.34	160.87	27.97	-86.01	-1,491.30	-10,968.13	5,279.34	5,138.93	140.41	37.598		
11,900.00	6,840.00	6,595.01	6,503.52	163.49	27.93	-85.82	-1,489.70	-10,968.75	5,197.37	5,054.39	142.98	36.350		
12,000.00	6,840.00	6,585.70	6,494.35	166.11	27.88	-85.65	-1,488.21	-10,969.31	5,116.03	4,970.40	145.63	35.131		
12,100.00	6,840.00	6,576.98	6,485.75	168.74	27.84	-85.48	-1,486.84	-10,969.82	5,035.35	4,886.99	148.36	33.941		
12,200.00	6,840.00	6,568.80	6,477.69	171.37	27.81	-85.33	-1,485.56	-10,970.29	4,955.36	4,804.20	151.17	32.781		
12,300.00	6,840.00	6,561.11	6,470.10	174.00	27.77	-85.18	-1,484.37	-10,970.71	4,876.10	4,722.05	154.06	31.651		
12,400.00	6,840.00	6,553.87	6,462.96	176.63	27.74	-85.04	-1,483.26	-10,971.09	4,797.61	4,640.58	157.03	30.551		
12,500.00	6,840.00	6,547.04	6,456.21	179.27	27.71	-84.91	-1,482.23	-10,971.44	4,719.93	4,559.83	160.10	29.482		
12,600.00	6,840.00	6,540.59	6,449.84	181.91	27.68	-84.79	-1,481.25	-10,971.77	4,643.09	4,479.85	163.25	28.442		
12,700.00	6,840.00	6,534.48	6,443.81	184.55	27.65	-84.67	-1,480.34	-10,972.07	4,567.15	4,400.66	166.48	27.433		
12,800.00	6,840.00	6,528.68	6,438.08	187.19	27.62	-84.56	-1,479.48	-10,972.34	4,492.13	4,322.33	169.81	26.454		
12,900.00	6,840.00	6,528.00	6,437.41	189.84	27.62	-84.55	-1,479.38	-10,972.37	4,418.11	4,244.84	173.27	25.499		
13,000.00	6,840.00	6,521.34	6,430.83	192.48	27.59	-84.42	-1,478.40	-10,972.69	4,345.12	4,168.36	176.76	24.582		
13,100.00	6,840.00	6,517.76	6,427.30	195.13	27.57	-84.35	-1,477.88	-10,972.85	4,273.22	4,092.86	180.36	23.692		
13,200.00	6,840.00	6,514.17	6,423.74	197.79	27.56	-84.28	-1,477.35	-10,973.02	4,202.46	4,018.41	184.05	22.833		
13,300.00	6,840.00	6,510.55	6,420.17	200.44	27.54	-84.21	-1,476.82	-10,973.19	4,132.91	3,945.09	187.83	22.004		
13,400.00	6,840.00	6,506.91	6,416.57	203.10	27.52	-84.15	-1,476.29	-10,973.37	4,064.63	3,872.95	191.68	21.205		
13,500.00	6,840.00	6,503.25	6,412.96	205.75	27.51	-84.08	-1,475.76	-10,973.54	3,997.67	3,802.06	195.62	20.436		
13,600.00	6,840.00	6,499.57	6,409.32	208.41	27.49	-84.00	-1,475.22	-10,973.72	3,932.12	3,732.49	199.63	19.697		
13,700.00	6,840.00	6,495.87	6,405.66	211.07	27.47	-83.93	-1,474.68	-10,973.89	3,868.03	3,664.32	203.71	18.988		
13,800.00	6,840.00	6,492.15	6,401.98	213.74	27.46	-83.86	-1,474.14	-10,974.07	3,805.49	3,597.62	207.87	18.307		
13,900.00	6,840.00	6,488.40	6,398.28	216.40	27.44	-83.79	-1,473.60	-10,974.25	3,744.57	3,532.49	212.08	17.656		
14,000.00	6,840.00	6,484.64	6,394.56	219.06	27.42	-83.72	-1,473.05	-10,974.44	3,685.35	3,469.00	216.35	17.034		
14,100.00	6,840.00	6,480.85	6,390.81	221.73	27.41	-83.65	-1,472.51	-10,974.62	3,627.92	3,407.25	220.67	16.440		
14,200.00	6,840.00	6,477.03	6,387.04	224.40	27.39	-83.57	-1,471.96	-10,974.80	3,572.36	3,347.33	225.03	15.875		
14,300.00	6,840.00	6,473.20	6,383.25	227.07	27.37	-83.50	-1,471.41	-10,974.99	3,518.76	3,289.34	229.42	15.338		
14,400.00	6,840.00	6,469.34	6,379.44	229.74	27.36	-83.43	-1,470.85	-10,975.18	3,467.21	3,233.38	233.82	14.828		
14,500.00	6,840.00	6,465.46	6,375.60	232.41	27.34	-83.35	-1,470.30	-10,975.37	3,417.80	3,179.57	238.23	14.347		
14,600.00	6,840.00	6,461.55	6,371.74	235.08	27.32	-83.28	-1,469.74	-10,975.56	3,370.63	3,128.00	242.63	13.892		
14,700.00	6,840.00	6,457.63	6,367.86	237.75	27.30	-83.20	-1,469.18	-10,975.76	3,325.79	3,078.79	247.00	13.465		
14,800.00	6,840.00	6,453.67	6,363.95	240.43	27.29	-83.13	-1,468.62	-10,975.95	3,283.38	3,032.06	251.32	13.064		
14,900.00	6,840.00	6,449.70	6,360.02	243.10	27.27	-83.05	-1,468.05	-10,976.15	3,243.50	2,987.91	255.59	12.690		
15,000.00	6,840.00	6,452.64	6,362.94	245.78	27.28	-83.11	-1,468.45	-10,975.99	3,206.21	2,946.34	259.88	12.337		
15,100.00	6,840.00	6,446.13	6,356.49	248.46	27.25	-82.98	-1,467.54	-10,976.32	3,171.66	2,907.73	263.93	12.017		
15,200.00	6,840.00	6,439.68	6,350.12	251.14	27.22	-82.86	-1,466.63	-10,976.65	3,139.91	2,872.05	267.86	11.722		
15,300.00	6,840.00	6,433.30	6,343.81	253.82	27.20	-82.74	-1,465.73	-10,976.97	3,111.04	2,839.38	271.65	11.452		
15,400.00	6,840.00	6,426.99	6,337.57	256.50	27.17	-82.62	-1,464.85	-10,977.29	3,085.13	2,809.84	275.28	11.207		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 678-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,840.00	6,420.75	6,331.40	259.18	27.14	-82.50	-1,463.96	-10,977.60	3,062.25	2,783.52	278.73	10.986		
15,600.00	6,840.00	6,414.57	6,325.30	261.86	27.11	-82.38	-1,463.09	-10,977.90	3,042.49	2,760.51	281.98	10.790		
15,700.00	6,840.00	6,408.46	6,319.25	264.54	27.09	-82.26	-1,462.22	-10,978.21	3,025.89	2,740.89	285.00	10.617		
15,800.00	6,840.00	6,402.42	6,313.28	267.23	27.06	-82.15	-1,461.36	-10,978.50	3,012.50	2,724.72	287.78	10.468		
15,900.00	6,840.00	6,396.44	6,307.36	269.91	27.03	-82.03	-1,460.51	-10,978.80	3,002.39	2,712.07	290.32	10.342		
16,000.00	6,840.00	6,390.52	6,301.51	272.59	27.01	-81.92	-1,459.66	-10,979.08	2,995.57	2,702.99	292.58	10.238		
16,100.00	6,840.00	6,384.66	6,295.72	275.28	26.98	-81.81	-1,458.82	-10,979.37	2,992.06	2,697.50	294.56	10.158		
16,155.16	6,840.00	6,381.45	6,292.55	276.76	26.97	-81.75	-1,458.36	-10,979.52	2,991.56	2,696.02	295.54	10.122 CC		
16,200.00	6,840.00	6,378.86	6,289.99	277.97	26.95	-81.70	-1,457.99	-10,979.64	2,991.89	2,695.63	296.26	10.099		
16,300.00	6,840.00	16,300.00	6,214.57	280.65	73.72	-80.23	-1,446.11	-10,983.69	2,994.99	2,659.94	335.05	8.939 ES, SF		
16,400.00	6,840.00	6,178.46	6,093.03	283.34	25.99	-77.87	-1,423.52	-10,992.18	3,001.61	2,706.58	295.03	10.174		
16,500.00	6,840.00	6,146.15	6,061.55	286.03	25.83	-77.25	-1,416.82	-10,994.84	3,010.95	2,715.72	295.22	10.199		
16,600.00	6,840.00	6,128.87	6,044.72	288.72	25.74	-76.92	-1,413.15	-10,996.30	3,023.49	2,728.03	295.46	10.233		
16,700.00	6,840.00	6,111.36	6,027.69	291.41	25.64	-76.59	-1,409.38	-10,997.79	3,039.23	2,743.82	295.41	10.288		
16,800.00	6,840.00	6,093.63	6,010.44	294.10	25.55	-76.25	-1,405.51	-10,999.31	3,058.11	2,763.04	295.07	10.364		
16,900.00	6,840.00	6,075.66	5,992.99	296.79	25.46	-75.91	-1,401.54	-11,000.85	3,080.07	2,785.61	294.46	10.460		
17,000.00	6,840.00	6,057.46	5,975.33	299.48	25.36	-75.56	-1,397.46	-11,002.43	3,105.05	2,811.46	293.59	10.576		
17,100.00	6,840.00	6,047.83	5,965.98	302.17	25.31	-75.38	-1,395.29	-11,003.27	3,132.98	2,840.29	292.70	10.704		
17,200.00	6,840.00	6,039.53	5,957.92	304.86	25.26	-75.22	-1,393.42	-11,003.99	3,163.81	2,872.19	291.61	10.849		
17,300.00	6,840.00	6,031.21	5,949.85	307.56	25.22	-75.06	-1,391.54	-11,004.72	3,197.44	2,907.12	290.32	11.013		
17,400.00	6,840.00	6,022.88	5,941.77	310.25	25.17	-74.90	-1,389.67	-11,005.44	3,233.79	2,944.95	288.84	11.196		
17,500.00	6,840.00	6,014.53	5,933.66	312.94	25.13	-74.74	-1,387.79	-11,006.17	3,272.78	2,985.59	287.19	11.396		
17,600.00	6,840.00	6,006.17	5,925.55	315.64	25.08	-74.58	-1,385.91	-11,006.90	3,314.30	3,028.92	285.38	11.614		
17,700.00	6,840.00	5,997.79	5,917.42	318.33	25.04	-74.42	-1,384.03	-11,007.64	3,358.26	3,074.84	283.42	11.849		
17,800.00	6,840.00	5,989.39	5,909.27	321.03	24.99	-74.26	-1,382.15	-11,008.37	3,404.58	3,123.22	281.35	12.101		
17,900.00	6,840.00	5,980.98	5,901.10	323.72	24.95	-74.10	-1,380.26	-11,009.11	3,453.14	3,173.97	279.17	12.369		
18,000.00	6,840.00	5,972.55	5,892.92	326.42	24.90	-73.94	-1,378.38	-11,009.85	3,503.87	3,226.97	276.90	12.654		
18,100.00	6,840.00	5,964.11	5,884.73	329.11	24.86	-73.78	-1,376.49	-11,010.59	3,556.66	3,282.12	274.55	12.955		
18,200.00	6,840.00	5,961.00	5,881.71	331.81	24.84	-73.72	-1,375.79	-11,010.87	3,611.44	3,339.18	272.26	13.265		
18,300.00	6,840.00	5,961.00	5,881.71	334.51	24.84	-73.72	-1,375.79	-11,010.87	3,668.12	3,398.13	269.99	13.586		
18,400.00	6,840.00	5,961.00	5,881.71	337.20	24.84	-73.72	-1,375.79	-11,010.87	3,726.63	3,458.95	267.68	13.922		
18,500.00	6,840.00	5,961.00	5,881.71	339.90	24.84	-73.72	-1,375.79	-11,010.87	3,786.87	3,521.54	265.33	14.272		
18,600.00	6,840.00	5,961.00	5,881.71	342.60	24.84	-73.72	-1,375.79	-11,010.87	3,848.77	3,585.81	262.96	14.636		
18,700.00	6,840.00	5,961.00	5,881.71	345.30	24.84	-73.72	-1,375.79	-11,010.87	3,912.24	3,651.66	260.58	15.014		
18,800.00	6,840.00	5,961.00	5,881.71	348.00	24.84	-73.72	-1,375.79	-11,010.87	3,977.22	3,719.03	258.18	15.405		
18,900.00	6,840.00	5,961.00	5,881.71	350.70	24.84	-73.72	-1,375.79	-11,010.87	4,043.62	3,787.83	255.79	15.808		
19,000.00	6,840.00	5,933.81	5,855.27	353.39	24.70	-73.21	-1,369.85	-11,013.17	4,111.13	3,858.32	252.81	16.262		
19,100.00	6,840.00	5,930.91	5,852.45	356.09	24.69	-73.15	-1,369.23	-11,013.41	4,180.14	3,929.76	250.38	16.695		
19,200.00	6,840.00	5,928.05	5,849.67	358.79	24.67	-73.10	-1,368.63	-11,013.64	4,250.37	4,002.41	247.96	17.141		
19,300.00	6,840.00	5,925.24	5,846.93	361.49	24.66	-73.05	-1,368.04	-11,013.86	4,321.77	4,076.20	245.57	17.599		
19,400.00	6,840.00	5,922.48	5,844.24	364.20	24.64	-72.99	-1,367.46	-11,014.08	4,394.28	4,151.07	243.21	18.068		
19,500.00	6,840.00	5,919.76	5,841.59	366.90	24.63	-72.94	-1,366.89	-11,014.30	4,467.84	4,226.97	240.87	18.549		
19,600.00	6,840.00	5,917.08	5,838.98	369.60	24.62	-72.89	-1,366.34	-11,014.51	4,542.42	4,303.85	238.57	19.040		
19,700.00	6,840.00	5,914.45	5,836.41	372.30	24.60	-72.84	-1,365.79	-11,014.71	4,617.95	4,381.65	236.30	19.543		
19,800.00	6,840.00	5,911.86	5,833.88	375.00	24.59	-72.79	-1,365.26	-11,014.91	4,694.38	4,460.32	234.06	20.056		
19,900.00	6,840.00	5,909.30	5,831.38	377.70	24.58	-72.74	-1,364.74	-11,015.10	4,771.69	4,539.83	231.86	20.580		
20,000.00	6,840.00	5,906.79	5,828.93	380.40	24.56	-72.70	-1,364.22	-11,015.29	4,849.82	4,620.12	229.71	21.113		
20,100.00	6,840.00	5,904.31	5,826.51	383.11	24.55	-72.65	-1,363.72	-11,015.48	4,928.74	4,701.16	227.59	21.657		
20,200.00	6,840.00	5,901.87	5,824.13	385.81	24.54	-72.60	-1,363.23	-11,015.66	5,008.41	4,782.91	225.50	22.210		
20,300.00	6,840.00	5,899.47	5,821.78	388.51	24.53	-72.56	-1,362.75	-11,015.84	5,088.79	4,865.33	223.46	22.772		
20,400.00	6,840.00	5,897.10	5,819.47	391.22	24.51	-72.51	-1,362.28	-11,016.01	5,169.86	4,948.39	221.46	23.344		
20,500.00	6,840.00	5,867.00	5,790.01	393.92	24.36	-71.94	-1,356.44	-11,018.11	5,251.80	5,032.82	218.98	23.983		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		SEC 27-T4N-R65W - EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY										<b>Offset Site Error:</b>	0.00 usft
Survey Program:		678-MWD OWSG										<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,539.70	6,840.00	5,867.00	5,790.01	394.99	24.36	-71.94	-1,356.44	-11,018.11	5,284.40	5,066.17	218.23	24.215	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 680-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,700.00	6,840.00	4,299.00	4,195.83	83.13	2.56	-55.56	-2,165.48	-12,395.72	9,924.18	9,862.85	61.33	161.819		
8,800.00	6,840.00	4,302.08	4,198.81	85.44	2.56	-55.59	-2,165.61	-12,396.51	9,834.92	9,772.57	62.35	157.741		
8,900.00	6,840.00	4,334.85	4,230.43	87.77	2.59	-55.94	-2,166.97	-12,405.00	9,745.82	9,682.39	63.43	153.651		
9,000.00	6,840.00	4,367.74	4,262.17	90.12	2.62	-56.29	-2,168.23	-12,413.52	9,656.85	9,592.31	64.53	149.639		
9,100.00	6,840.00	4,400.74	4,294.02	92.50	2.65	-56.65	-2,169.40	-12,422.10	9,568.00	9,502.33	65.67	145.706		
9,200.00	6,840.00	4,419.24	4,311.87	94.89	2.67	-56.84	-2,170.07	-12,426.90	9,479.31	9,412.50	66.81	141.887		
9,300.00	6,840.00	4,440.14	4,332.04	97.30	2.69	-57.07	-2,170.87	-12,432.32	9,390.79	9,322.81	67.98	138.136		
9,400.00	6,840.00	4,597.23	4,483.99	99.73	2.78	-58.82	-2,177.49	-12,471.58	9,302.16	9,232.82	69.34	134.150		
9,500.00	6,840.00	4,806.53	4,687.32	102.17	2.85	-61.24	-2,186.04	-12,520.47	9,213.48	9,142.70	70.77	130.180		
9,600.00	6,840.00	4,830.85	4,711.00	104.63	2.86	-61.53	-2,186.97	-12,525.90	9,124.64	9,052.60	72.04	126.658		
9,700.00	6,840.00	4,835.00	4,715.04	107.10	2.86	-61.58	-2,187.13	-12,526.83	9,036.00	8,962.68	73.32	123.245		
9,800.00	6,840.00	4,835.00	4,715.04	109.58	2.86	-61.58	-2,187.13	-12,526.83	8,947.59	8,872.97	74.62	119.909		
9,900.00	6,840.00	4,835.00	4,715.04	112.07	2.86	-61.58	-2,187.13	-12,526.83	8,859.43	8,783.48	75.95	116.644		
10,000.00	6,840.00	4,865.35	4,744.57	114.58	2.87	-61.94	-2,188.22	-12,533.74	8,771.38	8,694.03	77.35	113.399		
10,100.00	6,840.00	4,873.64	4,752.64	117.09	2.87	-62.04	-2,188.51	-12,535.67	8,683.64	8,604.89	78.76	110.261		
10,200.00	6,840.00	4,882.10	4,760.85	119.61	2.88	-62.15	-2,188.79	-12,537.65	8,596.15	8,515.96	80.19	107.192		
10,300.00	6,840.00	4,890.73	4,769.23	122.14	2.88	-62.25	-2,189.07	-12,539.70	8,508.91	8,427.25	81.67	104.191		
10,400.00	6,840.00	4,899.53	4,777.76	124.68	2.89	-62.35	-2,189.34	-12,541.81	8,421.93	8,338.76	83.17	101.258		
10,500.00	6,840.00	4,929.00	4,806.33	127.23	2.90	-62.71	-2,190.21	-12,549.03	8,335.29	8,250.55	84.74	98.368		
10,600.00	6,840.00	4,929.00	4,806.33	129.78	2.90	-62.71	-2,190.21	-12,549.03	8,248.80	8,162.50	86.30	95.579		
10,700.00	6,840.00	4,929.00	4,806.33	132.35	2.90	-62.71	-2,190.21	-12,549.03	8,162.63	8,074.72	87.91	92.854		
10,800.00	6,840.00	4,929.00	4,806.33	134.91	2.90	-62.71	-2,190.21	-12,549.03	8,076.77	7,987.22	89.55	90.194		
10,900.00	6,840.00	4,950.21	4,826.86	137.49	2.91	-62.96	-2,190.82	-12,554.33	7,991.18	7,899.93	91.25	87.573		
11,000.00	6,840.00	4,962.22	4,838.47	140.07	2.92	-63.11	-2,191.19	-12,557.35	7,905.90	7,812.92	92.98	85.025		
11,100.00	6,840.00	4,974.34	4,850.19	142.65	2.93	-63.26	-2,191.58	-12,560.41	7,820.93	7,726.18	94.76	82.538		
11,200.00	6,840.00	4,986.56	4,862.01	145.24	2.94	-63.40	-2,191.99	-12,563.51	7,736.29	7,639.72	96.57	80.112		
11,300.00	6,840.00	4,998.90	4,873.93	147.83	2.95	-63.56	-2,192.41	-12,566.65	7,651.97	7,553.55	98.42	77.746		
11,400.00	6,840.00	5,023.00	4,897.21	150.43	2.96	-63.85	-2,193.30	-12,572.84	7,568.01	7,467.68	100.34	75.427		
11,500.00	6,840.00	5,023.00	4,897.21	153.04	2.96	-63.85	-2,193.30	-12,572.84	7,484.37	7,382.11	102.26	73.189		
11,600.00	6,840.00	5,023.00	4,897.21	155.64	2.96	-63.85	-2,193.30	-12,572.84	7,401.13	7,296.90	104.23	71.009		
11,700.00	6,840.00	6,803.20	6,651.76	158.26	3.71	-89.03	-2,226.66	-12,818.07	7,316.88	7,209.37	107.51	68.058		
11,800.00	6,840.00	6,804.56	6,653.12	160.87	3.71	-89.05	-2,226.65	-12,818.09	7,231.09	7,121.46	109.63	65.958		
11,900.00	6,840.00	6,805.93	6,654.48	163.49	3.71	-89.07	-2,226.64	-12,818.11	7,145.67	7,033.86	111.80	63.913		
12,000.00	6,840.00	6,807.30	6,655.85	166.11	3.71	-89.09	-2,226.63	-12,818.13	7,060.63	6,946.60	114.03	61.920		
12,100.00	6,840.00	6,808.67	6,657.23	168.74	3.71	-89.11	-2,226.62	-12,818.15	6,975.99	6,859.68	116.30	59.980		
12,200.00	6,840.00	6,810.05	6,658.60	171.37	3.71	-89.14	-2,226.62	-12,818.16	6,891.76	6,773.12	118.64	58.091		
12,300.00	6,840.00	6,811.43	6,659.99	174.00	3.71	-89.16	-2,226.61	-12,818.18	6,807.96	6,686.93	121.02	56.253		
12,400.00	6,840.00	6,812.82	6,661.37	176.63	3.71	-89.18	-2,226.60	-12,818.20	6,724.59	6,601.13	123.47	54.465		
12,500.00	6,840.00	6,814.20	6,662.76	179.27	3.71	-89.20	-2,226.59	-12,818.22	6,641.69	6,515.72	125.97	52.725		
12,600.00	6,840.00	6,815.60	6,664.15	181.91	3.71	-89.22	-2,226.58	-12,818.24	6,559.27	6,430.74	128.53	51.034		
12,700.00	6,840.00	6,816.99	6,665.54	184.55	3.71	-89.24	-2,226.57	-12,818.26	6,477.33	6,346.19	131.15	49.389		
12,800.00	6,840.00	6,818.39	6,666.94	187.19	3.71	-89.26	-2,226.56	-12,818.28	6,395.92	6,262.09	133.83	47.791		
12,900.00	6,840.00	6,819.79	6,668.35	189.84	3.71	-89.28	-2,226.55	-12,818.30	6,315.03	6,178.46	136.58	46.238		
13,000.00	6,840.00	6,821.20	6,669.75	192.48	3.71	-89.31	-2,226.54	-12,818.32	6,234.70	6,095.32	139.39	44.730		
13,100.00	6,840.00	6,822.61	6,671.16	195.13	3.71	-89.33	-2,226.53	-12,818.34	6,154.95	6,012.69	142.26	43.266		
13,200.00	6,840.00	6,824.02	6,672.57	197.79	3.71	-89.35	-2,226.52	-12,818.36	6,075.80	5,930.60	145.20	41.845		
13,300.00	6,840.00	6,825.44	6,673.99	200.44	3.71	-89.37	-2,226.51	-12,818.38	5,997.26	5,849.06	148.21	40.466		
13,400.00	6,840.00	6,826.86	6,675.41	203.10	3.71	-89.39	-2,226.50	-12,818.40	5,919.38	5,768.10	151.28	39.128		
13,500.00	6,840.00	6,828.93	6,675.49	205.75	3.71	-89.39	-2,226.50	-12,818.40	5,842.17	5,687.74	154.43	37.831		
13,600.00	6,840.00	6,828.17	6,676.72	208.41	3.71	-89.41	-2,226.49	-12,818.42	5,765.66	5,608.01	157.64	36.575		
13,700.00	6,840.00	6,829.41	6,677.96	211.07	3.71	-89.43	-2,226.49	-12,818.44	5,689.87	5,528.95	160.93	35.357		
13,800.00	6,840.00	6,830.65	6,679.20	213.74	3.71	-89.45	-2,226.48	-12,818.46	5,614.85	5,450.56	164.28	34.178		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 680-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,900.00	6,840.00	6,831.89	6,680.44	216.40	3.71	-89.47	-2,226.47	-12,818.47	5,540.61	5,372.90	167.71	33.037		
14,000.00	6,840.00	6,833.14	6,681.69	219.06	3.71	-89.49	-2,226.46	-12,818.49	5,467.19	5,295.98	171.21	31.932		
14,100.00	6,840.00	6,834.39	6,682.94	221.73	3.71	-89.51	-2,226.45	-12,818.51	5,394.63	5,219.85	174.78	30.864		
14,200.00	6,840.00	6,835.64	6,684.19	224.40	3.71	-89.53	-2,226.44	-12,818.53	5,322.96	5,144.53	178.43	29.832		
14,300.00	6,840.00	6,836.89	6,685.44	227.07	3.71	-89.55	-2,226.44	-12,818.54	5,252.21	5,070.06	182.15	28.835		
14,400.00	6,840.00	6,838.15	6,686.70	229.74	3.71	-89.57	-2,226.43	-12,818.56	5,182.43	4,996.49	185.94	27.872		
14,500.00	6,840.00	6,839.40	6,687.95	232.41	3.71	-89.59	-2,226.42	-12,818.58	5,113.65	4,923.85	189.80	26.942		
14,600.00	6,840.00	6,840.66	6,689.21	235.08	3.71	-89.60	-2,226.41	-12,818.60	5,045.91	4,852.18	193.73	26.046		
14,700.00	6,840.00	6,841.92	6,690.47	237.75	3.71	-89.62	-2,226.41	-12,818.62	4,979.26	4,781.53	197.73	25.182		
14,800.00	6,840.00	6,843.19	6,691.74	240.43	3.71	-89.64	-2,226.40	-12,818.64	4,913.75	4,711.95	201.80	24.350		
14,900.00	6,840.00	6,844.46	6,693.01	243.10	3.72	-89.66	-2,226.39	-12,818.65	4,849.40	4,643.47	205.93	23.549		
15,000.00	6,840.00	6,845.72	6,694.27	245.78	3.72	-89.68	-2,226.38	-12,818.67	4,786.29	4,576.16	210.12	22.778		
15,100.00	6,840.00	6,847.00	6,695.55	248.46	3.72	-89.70	-2,226.37	-12,818.69	4,724.44	4,510.06	214.38	22.038		
15,200.00	6,840.00	6,848.27	6,696.82	251.14	3.72	-89.72	-2,226.37	-12,818.71	4,663.92	4,445.23	218.69	21.327		
15,300.00	6,840.00	6,849.55	6,698.10	253.82	3.72	-89.74	-2,226.36	-12,818.73	4,604.77	4,381.73	223.05	20.645		
15,400.00	6,840.00	6,850.82	6,699.37	256.50	3.72	-89.76	-2,226.35	-12,818.75	4,547.06	4,319.60	227.46	19.991		
15,500.00	6,840.00	6,852.11	6,700.65	259.18	3.72	-89.78	-2,226.34	-12,818.76	4,490.83	4,258.92	231.91	19.365		
15,600.00	6,840.00	6,853.39	6,701.94	261.86	3.72	-89.80	-2,226.34	-12,818.78	4,436.14	4,199.75	236.39	18.766		
15,700.00	6,840.00	6,854.67	6,703.22	264.54	3.72	-89.82	-2,226.33	-12,818.80	4,383.05	4,142.14	240.91	18.194		
15,800.00	6,840.00	6,855.96	6,704.51	267.23	3.72	-89.84	-2,226.32	-12,818.82	4,331.62	4,086.17	245.45	17.648		
15,900.00	6,840.00	6,857.25	6,705.80	269.91	3.72	-89.86	-2,226.31	-12,818.84	4,281.90	4,031.90	250.00	17.128		
16,000.00	6,840.00	6,858.55	6,707.09	272.59	3.72	-89.88	-2,226.31	-12,818.86	4,233.97	3,979.41	254.56	16.633		
16,100.00	6,840.00	6,859.84	6,708.39	275.28	3.72	-89.90	-2,226.30	-12,818.88	4,187.87	3,928.76	259.11	16.162		
16,200.00	6,840.00	6,861.14	6,709.69	277.97	3.72	-89.92	-2,226.29	-12,818.90	4,143.67	3,880.02	263.65	15.717		
16,300.00	6,840.00	6,862.44	6,710.99	280.65	3.72	-89.94	-2,226.28	-12,818.91	4,101.44	3,833.27	268.17	15.294		
16,400.00	6,840.00	6,863.74	6,712.29	283.34	3.72	-89.96	-2,226.28	-12,818.93	4,061.23	3,788.58	272.64	14.896		
16,500.00	6,840.00	6,865.05	6,713.59	286.03	3.72	-89.98	-2,226.27	-12,818.95	4,023.10	3,746.02	277.08	14.520		
16,600.00	6,840.00	6,866.35	6,714.90	288.72	3.72	-90.00	-2,226.26	-12,818.97	3,987.11	3,705.67	281.45	14.167		
16,700.00	6,840.00	6,867.66	6,716.21	291.41	3.72	-90.02	-2,226.26	-12,818.99	3,953.33	3,667.59	285.74	13.835		
16,800.00	6,840.00	6,868.98	6,717.52	294.10	3.72	-90.04	-2,226.25	-12,819.01	3,921.81	3,631.85	289.95	13.526		
16,900.00	6,840.00	6,870.29	6,718.84	296.79	3.72	-90.06	-2,226.24	-12,819.03	3,892.60	3,598.53	294.06	13.237		
17,000.00	6,840.00	6,871.61	6,720.16	299.48	3.72	-90.08	-2,226.23	-12,819.05	3,865.75	3,567.70	298.06	12.970		
17,100.00	6,840.00	6,872.93	6,721.48	302.17	3.72	-90.10	-2,226.23	-12,819.07	3,841.33	3,539.40	301.92	12.723		
17,200.00	6,840.00	6,874.25	6,722.80	304.86	3.72	-90.12	-2,226.22	-12,819.09	3,819.36	3,513.71	305.65	12.496		
17,300.00	6,840.00	6,875.58	6,724.12	307.56	3.72	-90.14	-2,226.21	-12,819.11	3,799.90	3,490.68	309.22	12.289		
17,400.00	6,840.00	6,876.90	6,725.45	310.25	3.72	-90.16	-2,226.21	-12,819.13	3,782.98	3,470.36	312.63	12.101		
17,500.00	6,840.00	6,878.23	6,726.78	312.94	3.72	-90.18	-2,226.20	-12,819.15	3,768.65	3,452.79	315.85	11.932		
17,600.00	6,840.00	6,879.57	6,728.11	315.64	3.72	-90.20	-2,226.19	-12,819.17	3,756.91	3,438.03	318.89	11.781		
17,700.00	6,840.00	6,880.90	6,729.45	318.33	3.72	-90.22	-2,226.19	-12,819.19	3,747.81	3,426.09	321.72	11.649		
17,800.00	6,840.00	6,882.24	6,730.78	321.03	3.72	-90.24	-2,226.18	-12,819.21	3,741.37	3,417.02	324.35	11.535		
17,900.00	6,840.00	6,883.58	6,732.12	323.72	3.72	-90.26	-2,226.17	-12,819.23	3,737.58	3,410.83	326.75	11.439		
17,991.51	6,840.00	6,884.81	6,733.35	326.19	3.72	-90.28	-2,226.17	-12,819.24	3,736.46	3,407.70	328.76	11.365 CC		
18,000.00	6,840.00	6,884.92	6,733.47	326.42	3.72	-90.28	-2,226.17	-12,819.25	3,736.47	3,407.54	328.94	11.359		
18,100.00	6,840.00	6,886.27	6,734.81	329.11	3.73	-90.30	-2,226.16	-12,819.27	3,738.04	3,407.15	330.89	11.297 ES		
18,200.00	6,840.00	6,887.62	6,736.16	331.81	3.73	-90.32	-2,226.15	-12,819.29	3,742.27	3,409.66	332.61	11.251		
18,300.00	6,840.00	6,888.97	6,737.51	334.51	3.73	-90.35	-2,226.15	-12,819.31	3,749.17	3,415.08	334.10	11.222		
18,400.00	6,840.00	6,890.32	6,738.86	337.20	3.73	-90.37	-2,226.14	-12,819.33	3,758.72	3,423.37	335.35	11.208 SF		
18,500.00	6,840.00	6,891.68	6,740.22	339.90	3.73	-90.39	-2,226.13	-12,819.35	3,770.90	3,434.53	336.37	11.211		
18,600.00	6,840.00	6,893.03	6,741.58	342.60	3.73	-90.41	-2,226.13	-12,819.37	3,785.68	3,448.53	337.15	11.228		
18,700.00	6,840.00	6,894.39	6,742.94	345.30	3.73	-90.43	-2,226.12	-12,819.39	3,803.03	3,465.32	337.71	11.261		
18,800.00	6,840.00	6,895.76	6,744.30	348.00	3.73	-90.45	-2,226.11	-12,819.41	3,822.92	3,484.88	338.04	11.309		
18,900.00	6,840.00	6,897.12	6,745.67	350.70	3.73	-90.47	-2,226.11	-12,819.43	3,845.30	3,507.15	338.15	11.371		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - EXIST HZ LIBSACK 4-8-27 - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 680-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,000.00	6,840.00	6,898.49	6,747.04	353.39	3.73	-90.49	-2,226.10	-12,819.45	3,870.14	3,532.08	338.06	11.448	
19,100.00	6,840.00	6,899.86	6,748.41	356.09	3.73	-90.51	-2,226.09	-12,819.47	3,897.39	3,559.63	337.76	11.539	
19,200.00	6,840.00	6,901.24	6,749.78	358.79	3.73	-90.53	-2,226.09	-12,819.49	3,927.00	3,589.73	337.27	11.643	
19,300.00	6,840.00	6,902.61	6,751.16	361.49	3.73	-90.55	-2,226.08	-12,819.51	3,958.91	3,622.31	336.60	11.761	
19,400.00	6,840.00	6,903.99	6,752.54	364.20	3.73	-90.58	-2,226.08	-12,819.53	3,993.07	3,657.32	335.76	11.893	
19,500.00	6,840.00	6,905.38	6,753.92	366.90	3.73	-90.60	-2,226.07	-12,819.55	4,029.42	3,694.68	334.75	12.037	
19,600.00	6,840.00	6,906.76	6,755.30	369.60	3.73	-90.62	-2,226.06	-12,819.57	4,067.91	3,734.32	333.59	12.194	
19,700.00	6,840.00	6,908.15	6,756.69	372.30	3.73	-90.64	-2,226.06	-12,819.59	4,108.47	3,776.18	332.29	12.364	
19,800.00	6,840.00	6,909.54	6,758.08	375.00	3.73	-90.66	-2,226.05	-12,819.61	4,151.04	3,820.19	330.86	12.546	
19,900.00	6,840.00	6,910.93	6,759.47	377.70	3.73	-90.68	-2,226.05	-12,819.64	4,195.57	3,866.26	329.31	12.741	
20,000.00	6,840.00	6,912.33	6,760.87	380.40	3.73	-90.70	-2,226.04	-12,819.66	4,241.98	3,914.33	327.65	12.947	
20,100.00	6,840.00	6,914.30	6,762.85	383.11	3.73	-90.73	-2,226.03	-12,819.69	4,290.22	3,964.33	325.89	13.165	
20,200.00	6,840.00	6,916.87	6,765.41	385.81	3.73	-90.77	-2,226.02	-12,819.73	4,340.23	4,016.19	324.05	13.394	
20,300.00	6,840.00	6,919.50	6,768.04	388.51	3.73	-90.81	-2,226.01	-12,819.77	4,391.95	4,069.82	322.12	13.634	
20,400.00	6,840.00	6,922.20	6,770.74	391.22	3.73	-90.85	-2,226.00	-12,819.81	4,445.31	4,125.18	320.13	13.886	
20,500.00	6,840.00	6,924.97	6,773.51	393.92	3.73	-90.90	-2,225.98	-12,819.85	4,500.26	4,182.19	318.08	14.148	
20,539.70	6,840.00	6,926.09	6,774.63	394.99	3.73	-90.91	-2,225.98	-12,819.87	4,522.51	4,205.26	317.25	14.255	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 712-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,400.00	2,305.85	2,944.28	2,938.79	12.66	9.53	-39.38	241.19	-10,377.96	9,974.67	9,955.34	19.34	515.878		
2,500.00	2,397.37	2,500.00	3,004.86	13.46	7.85	-39.48	242.84	-10,373.21	9,935.44	9,917.16	18.28	543.376		
2,600.00	2,488.89	3,108.80	3,102.81	14.26	10.16	-39.62	245.59	-10,365.91	9,896.08	9,875.02	21.06	469.995		
2,700.00	2,580.41	3,167.00	3,160.84	15.07	10.38	-39.70	247.24	-10,361.90	9,857.14	9,835.30	21.84	451.282		
2,800.00	2,671.93	3,183.66	3,177.46	15.88	10.44	-39.73	247.71	-10,360.83	9,818.59	9,796.10	22.49	436.491		
2,900.00	2,763.45	3,237.46	3,231.13	16.69	10.64	-39.81	249.38	-10,357.54	9,780.54	9,757.26	23.28	420.191		
3,000.00	2,854.97	3,000.00	3,534.10	17.51	9.72	-40.26	258.04	-10,336.35	9,741.91	9,718.99	22.93	424.929		
3,100.00	2,946.49	3,591.30	3,583.91	18.32	11.98	-40.33	259.68	-10,332.31	9,702.25	9,676.58	25.67	377.909		
3,200.00	3,038.00	3,748.94	3,740.90	19.14	12.59	-40.56	265.92	-10,319.54	9,662.52	9,635.71	26.81	360.412		
3,300.00	3,129.52	3,904.04	3,895.26	19.96	13.19	-40.79	272.19	-10,305.73	9,622.02	9,594.09	27.94	344.403		
3,400.00	3,221.04	3,954.00	3,944.98	20.77	13.38	-40.86	274.08	-10,301.26	9,581.67	9,552.94	28.73	333.539		
3,500.00	3,312.56	4,006.86	3,997.62	21.59	13.59	-40.95	275.98	-10,296.72	9,541.71	9,512.18	29.53	323.127		
3,600.00	3,404.08	4,048.00	4,038.60	22.42	13.75	-41.01	277.33	-10,293.38	9,502.20	9,471.91	30.30	313.630		
3,700.00	3,495.60	4,087.54	4,078.00	23.24	13.90	-41.07	278.54	-10,290.37	9,463.21	9,432.15	31.06	304.636		
3,800.00	3,587.12	4,143.00	4,133.31	24.06	14.11	-41.16	280.12	-10,286.56	9,424.83	9,392.95	31.89	295.585		
3,900.00	3,678.63	4,143.00	4,133.31	24.88	14.11	-41.16	280.12	-10,286.56	9,386.95	9,354.42	32.53	288.542		
4,000.00	3,770.15	4,182.26	4,172.48	25.71	14.25	-41.22	281.06	-10,284.22	9,349.72	9,316.41	33.31	280.704		
4,100.00	3,861.67	4,237.00	4,227.15	26.53	14.45	-41.31	281.97	-10,281.57	9,313.30	9,279.16	34.14	272.820		
4,200.00	3,953.19	4,237.00	4,227.15	27.35	14.45	-41.31	281.97	-10,281.57	9,277.29	9,242.49	34.79	266.635		
4,300.00	4,044.71	4,237.00	4,227.15	28.18	14.45	-41.31	281.97	-10,281.57	9,242.21	9,206.76	35.45	260.688		
4,400.00	4,136.23	4,289.31	4,279.43	29.01	14.64	-41.40	282.57	-10,279.74	9,207.58	9,171.30	36.28	253.770		
4,500.00	4,227.75	4,331.00	4,321.11	29.83	14.79	-41.47	282.98	-10,278.81	9,173.82	9,136.73	37.08	247.392		
4,600.00	4,319.27	4,331.00	4,321.11	30.66	14.79	-41.47	282.98	-10,278.81	9,140.70	9,102.95	37.75	242.144		
4,700.00	4,410.78	4,390.75	4,380.85	31.48	15.00	-41.58	283.49	-10,278.03	9,108.13	9,069.52	38.61	235.897		
4,800.00	4,502.30	4,439.86	4,429.95	32.31	15.17	-41.66	283.86	-10,277.71	9,076.15	9,036.71	39.44	230.123		
4,900.00	4,593.82	4,523.66	4,513.75	33.14	15.46	-41.81	284.60	-10,277.37	9,044.47	9,004.08	40.38	223.967		
5,000.00	4,685.34	4,616.26	4,606.35	33.96	15.77	-41.97	285.69	-10,277.04	9,012.89	8,971.53	41.36	217.938		
5,100.00	4,776.86	4,782.56	4,772.62	34.79	16.35	-42.26	287.80	-10,275.69	8,980.92	8,938.35	42.57	210.986		
5,200.00	4,868.38	4,809.69	4,799.75	35.62	16.44	-42.30	287.92	-10,275.49	8,949.08	8,905.74	43.33	206.515		
5,300.00	4,959.90	4,866.00	4,856.06	36.45	16.63	-42.41	287.93	-10,275.46	8,917.94	8,873.75	44.19	201.789		
5,400.00	5,051.41	4,933.53	4,923.60	37.27	16.84	-42.53	287.75	-10,275.63	8,887.22	8,842.13	45.09	197.118		
5,500.00	5,142.93	5,044.71	5,034.77	38.10	17.21	-42.74	287.59	-10,275.56	8,856.34	8,810.22	46.12	192.030		
5,600.00	5,234.45	5,174.46	5,164.52	38.93	17.64	-42.99	287.22	-10,275.07	8,825.28	8,778.05	47.22	186.886		
5,700.00	5,325.97	5,277.83	5,267.89	39.76	18.00	-43.18	286.72	-10,274.36	8,794.02	8,745.77	48.25	182.266		
5,800.00	5,417.49	5,377.06	5,367.11	40.59	18.33	-43.38	286.06	-10,273.59	8,762.78	8,713.52	49.26	177.874		
5,900.00	5,509.01	5,475.90	5,465.94	41.42	18.67	-43.57	285.33	-10,272.67	8,731.49	8,681.21	50.28	173.652		
6,000.00	5,600.53	5,599.21	5,589.24	42.25	19.09	-43.81	284.68	-10,271.41	8,700.23	8,648.85	51.38	169.330		
6,100.00	5,692.04	6,100.00	5,707.92	43.07	20.87	-44.04	284.97	-10,269.65	8,668.48	8,614.65	53.83	161.025		
6,200.00	5,783.56	5,757.74	5,747.76	43.90	19.65	-44.12	284.98	-10,269.11	8,637.04	8,583.72	53.32	161.994		
6,300.00	5,875.08	5,810.00	5,800.02	44.73	19.83	-44.23	284.93	-10,268.85	8,606.32	8,552.12	54.20	158.779		
6,400.00	5,966.60	5,924.39	5,914.40	45.56	20.22	-44.45	284.71	-10,268.29	8,575.84	8,520.56	55.28	155.131		
6,500.00	6,058.12	6,001.21	5,991.23	46.39	20.48	-44.61	284.53	-10,267.73	8,545.20	8,488.94	56.25	151.904		
6,600.00	6,149.64	6,084.41	6,074.42	47.22	20.77	-44.78	284.38	-10,267.24	8,514.76	8,457.51	57.25	148.730		
6,700.00	6,241.16	6,191.66	6,181.67	48.05	21.15	-44.99	284.37	-10,266.60	8,484.39	8,426.06	58.32	145.469		
6,800.00	6,332.68	6,282.52	6,272.53	48.88	21.47	-45.18	284.43	-10,265.97	8,454.00	8,394.65	59.35	142.438		
6,900.00	6,424.19	6,372.27	6,362.27	49.71	21.78	-45.36	284.56	-10,265.36	8,423.71	8,363.33	60.38	139.514		
7,000.00	6,514.88	6,488.61	6,478.62	50.58	22.20	-39.75	284.94	-10,264.40	8,391.10	8,329.60	61.50	136.441		
7,100.00	6,599.14	6,562.13	6,552.12	51.67	22.46	-33.41	285.18	-10,263.75	8,344.52	8,281.99	62.53	133.444		
7,200.00	6,673.85	6,667.09	6,657.08	53.01	22.83	-30.87	285.51	-10,262.69	8,283.51	8,219.84	63.67	130.106		
7,300.00	6,736.73	6,685.97	6,675.96	54.56	22.89	-30.65	285.55	-10,262.53	8,210.04	8,145.53	64.51	127.273		
7,400.00	6,785.87	6,704.92	6,694.91	56.29	22.95	-33.22	285.56	-10,262.43	8,126.48	8,061.20	65.28	124.483		
7,500.00	6,819.79	6,718.11	6,708.10	58.13	23.00	-40.76	285.54	-10,262.40	8,035.18	7,969.24	65.94	121.856		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 712-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,600.00	6,837.44	6,725.04	6,715.03	60.02	23.02	-62.43	285.53	-10,262.40	7,938.79	7,872.34	66.45	119.461		
7,700.00	6,840.00	6,726.07	6,716.06	61.90	23.03	-89.77	285.53	-10,262.40	7,840.17	7,773.34	66.83	117.319		
7,800.00	6,840.00	6,726.08	6,716.07	63.83	23.03	-89.77	285.53	-10,262.40	7,741.39	7,674.20	67.18	115.225		
7,900.00	6,840.00	6,726.09	6,716.08	65.81	23.03	-89.77	285.53	-10,262.40	7,642.64	7,575.09	67.55	113.134		
8,000.00	6,840.00	6,726.10	6,716.09	67.84	23.03	-89.77	285.53	-10,262.40	7,543.93	7,475.99	67.94	111.045		
8,100.00	6,840.00	6,726.12	6,716.11	69.91	23.03	-89.77	285.53	-10,262.40	7,445.25	7,376.92	68.33	108.959		
8,200.00	6,840.00	6,726.13	6,716.12	72.03	23.03	-89.77	285.53	-10,262.40	7,346.60	7,277.86	68.74	106.876		
8,300.00	6,840.00	6,726.14	6,716.13	74.18	23.03	-89.77	285.53	-10,262.40	7,248.00	7,178.83	69.16	104.796		
8,400.00	6,840.00	6,726.16	6,716.15	76.37	23.03	-89.77	285.53	-10,262.40	7,149.43	7,079.83	69.60	102.720		
8,500.00	6,840.00	6,726.17	6,716.16	78.59	23.03	-89.77	285.53	-10,262.40	7,050.90	6,980.84	70.05	100.648		
8,600.00	6,840.00	6,726.19	6,716.18	80.85	23.03	-89.77	285.53	-10,262.40	6,952.41	6,881.89	70.52	98.581		
8,700.00	6,840.00	6,726.20	6,716.19	83.13	23.03	-89.77	285.53	-10,262.40	6,853.97	6,782.96	71.01	96.519		
8,800.00	6,840.00	6,726.21	6,716.21	85.44	23.03	-89.77	285.53	-10,262.40	6,755.57	6,684.06	71.52	94.462		
8,900.00	6,840.00	6,726.23	6,716.22	87.77	23.03	-89.77	285.53	-10,262.40	6,657.22	6,585.18	72.04	92.411		
9,000.00	6,840.00	6,726.24	6,716.24	90.12	23.03	-89.78	285.53	-10,262.40	6,558.92	6,486.34	72.58	90.366		
9,100.00	6,840.00	6,726.26	6,716.25	92.50	23.03	-89.78	285.53	-10,262.40	6,460.68	6,387.53	73.14	88.328		
9,200.00	6,840.00	6,726.28	6,716.27	94.89	23.03	-89.78	285.53	-10,262.40	6,362.48	6,288.76	73.73	86.296		
9,300.00	6,840.00	6,726.29	6,716.28	97.30	23.03	-89.78	285.53	-10,262.40	6,264.35	6,190.02	74.33	84.273		
9,400.00	6,840.00	6,726.31	6,716.30	99.73	23.03	-89.78	285.53	-10,262.40	6,166.27	6,091.31	74.96	82.257		
9,500.00	6,840.00	6,726.32	6,716.32	102.17	23.03	-89.78	285.53	-10,262.40	6,068.26	5,992.65	75.62	80.250		
9,600.00	6,840.00	6,726.34	6,716.33	104.63	23.03	-89.78	285.53	-10,262.40	5,970.32	5,894.02	76.30	78.252		
9,700.00	6,840.00	6,726.36	6,716.35	107.10	23.03	-89.78	285.53	-10,262.40	5,872.44	5,795.44	77.00	76.264		
9,800.00	6,840.00	6,726.38	6,716.37	109.58	23.03	-89.78	285.53	-10,262.40	5,774.63	5,696.90	77.74	74.286		
9,900.00	6,840.00	6,726.39	6,716.38	112.07	23.03	-89.78	285.53	-10,262.40	5,676.91	5,598.41	78.50	72.318		
10,000.00	6,840.00	6,726.41	6,716.40	114.58	23.03	-89.78	285.53	-10,262.40	5,579.26	5,499.97	79.29	70.362		
10,100.00	6,840.00	6,726.43	6,716.42	117.09	23.03	-89.78	285.53	-10,262.40	5,481.70	5,401.58	80.12	68.418		
10,200.00	6,840.00	6,726.45	6,716.44	119.61	23.03	-89.78	285.53	-10,262.40	5,384.22	5,303.24	80.98	66.487		
10,300.00	6,840.00	6,726.47	6,716.46	122.14	23.03	-89.79	285.53	-10,262.40	5,286.84	5,204.96	81.88	64.568		
10,400.00	6,840.00	6,726.49	6,716.48	124.68	23.03	-89.79	285.53	-10,262.40	5,189.57	5,106.75	82.82	62.664		
10,500.00	6,840.00	6,726.51	6,716.50	127.23	23.03	-89.79	285.53	-10,262.40	5,092.39	5,008.60	83.79	60.774		
10,600.00	6,840.00	6,726.53	6,716.52	129.78	23.03	-89.79	285.53	-10,262.40	4,995.33	4,910.52	84.81	58.899		
10,700.00	6,840.00	6,726.55	6,716.54	132.35	23.03	-89.79	285.53	-10,262.40	4,898.39	4,812.51	85.88	57.040		
10,800.00	6,840.00	6,726.57	6,716.56	134.91	23.03	-89.79	285.53	-10,262.40	4,801.57	4,714.58	86.99	55.198		
10,900.00	6,840.00	6,726.59	6,716.58	137.49	23.03	-89.79	285.53	-10,262.40	4,704.88	4,616.73	88.15	53.373		
11,000.00	6,840.00	6,726.61	6,716.60	140.07	23.03	-89.79	285.53	-10,262.40	4,608.34	4,518.97	89.37	51.567		
11,100.00	6,840.00	6,726.63	6,716.62	142.65	23.03	-89.79	285.53	-10,262.40	4,511.94	4,421.31	90.64	49.779		
11,200.00	6,840.00	6,726.65	6,716.64	145.24	23.03	-89.79	285.53	-10,262.40	4,415.71	4,323.74	91.97	48.011		
11,300.00	6,840.00	6,726.68	6,716.67	147.83	23.03	-89.80	285.53	-10,262.40	4,319.65	4,226.28	93.37	46.264		
11,400.00	6,840.00	6,726.70	6,716.69	150.43	23.03	-89.80	285.53	-10,262.40	4,223.77	4,128.94	94.84	44.538		
11,500.00	6,840.00	6,726.72	6,716.71	153.04	23.03	-89.80	285.53	-10,262.40	4,128.09	4,031.71	96.37	42.834		
11,600.00	6,840.00	6,726.75	6,716.74	155.64	23.03	-89.80	285.53	-10,262.40	4,032.61	3,934.62	97.99	41.154		
11,700.00	6,840.00	6,726.77	6,716.76	158.26	23.03	-89.80	285.53	-10,262.40	3,937.36	3,837.68	99.69	39.498		
11,800.00	6,840.00	6,726.80	6,716.79	160.87	23.03	-89.80	285.53	-10,262.40	3,842.36	3,740.88	101.47	37.866		
11,900.00	6,840.00	6,726.82	6,716.81	163.49	23.03	-89.80	285.53	-10,262.40	3,747.61	3,644.26	103.35	36.261		
12,000.00	6,840.00	6,726.85	6,716.84	166.11	23.03	-89.80	285.53	-10,262.40	3,653.14	3,547.81	105.33	34.682		
12,100.00	6,840.00	6,726.87	6,716.87	168.74	23.03	-89.80	285.53	-10,262.40	3,558.97	3,451.55	107.42	33.131		
12,200.00	6,840.00	6,726.90	6,716.89	171.37	23.03	-89.81	285.53	-10,262.40	3,465.13	3,355.51	109.62	31.609		
12,300.00	6,840.00	6,726.93	6,716.92	174.00	23.03	-89.81	285.53	-10,262.40	3,371.65	3,259.70	111.95	30.117		
12,400.00	6,840.00	6,726.96	6,716.95	176.63	23.03	-89.81	285.53	-10,262.40	3,278.55	3,164.14	114.41	28.656		
12,500.00	6,840.00	6,726.99	6,716.98	179.27	23.03	-89.81	285.53	-10,262.40	3,185.87	3,068.85	117.02	27.226		
12,600.00	6,840.00	6,727.02	6,717.01	181.91	23.03	-89.81	285.53	-10,262.40	3,093.64	2,973.87	119.77	25.830		
12,700.00	6,840.00	6,727.05	6,717.04	184.55	23.03	-89.81	285.53	-10,262.40	3,001.91	2,879.22	122.69	24.467		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 712-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,840.00	6,727.08	6,717.07	187.19	23.03	-89.81	285.53	-10,262.40	2,910.73	2,784.94	125.79	23.139		
12,900.00	6,840.00	6,727.11	6,717.10	189.84	23.03	-89.82	285.53	-10,262.40	2,820.14	2,691.06	129.08	21.848		
13,000.00	6,840.00	6,727.14	6,717.13	192.48	23.03	-89.82	285.53	-10,262.40	2,730.22	2,597.64	132.58	20.593		
13,100.00	6,840.00	6,727.18	6,717.17	195.13	23.03	-89.82	285.53	-10,262.40	2,641.01	2,504.72	136.29	19.377		
13,200.00	6,840.00	6,727.21	6,717.20	197.79	23.03	-89.82	285.53	-10,262.40	2,552.61	2,412.36	140.25	18.200		
13,300.00	6,840.00	6,727.25	6,717.24	200.44	23.03	-89.82	285.53	-10,262.40	2,465.09	2,320.63	144.46	17.064		
13,400.00	6,840.00	6,727.28	6,717.27	203.10	23.03	-89.82	285.53	-10,262.40	2,378.56	2,229.61	148.94	15.969		
13,500.00	6,840.00	6,727.32	6,717.31	205.75	23.03	-89.83	285.53	-10,262.40	2,293.12	2,139.40	153.72	14.917		
13,600.00	6,840.00	6,727.36	6,717.35	208.41	23.03	-89.83	285.53	-10,262.40	2,208.91	2,050.09	158.81	13.909		
13,700.00	6,840.00	6,727.39	6,717.39	211.07	23.03	-89.83	285.53	-10,262.40	2,126.06	1,961.83	164.23	12.945		
13,800.00	6,840.00	6,727.43	6,717.43	213.74	23.03	-89.83	285.53	-10,262.40	2,044.75	1,874.75	170.00	12.028		
13,900.00	6,840.00	6,727.48	6,717.47	216.40	23.03	-89.83	285.53	-10,262.40	1,965.16	1,789.03	176.14	11.157		
14,000.00	6,840.00	6,727.52	6,717.51	219.06	23.03	-89.84	285.53	-10,262.40	1,887.52	1,704.88	182.64	10.334		
14,100.00	6,840.00	6,727.56	6,717.55	221.73	23.03	-89.84	285.53	-10,262.40	1,812.07	1,622.54	189.53	9.561		
14,200.00	6,840.00	6,727.60	6,717.60	224.40	23.03	-89.84	285.53	-10,262.40	1,739.10	1,542.31	196.79	8.837		
14,300.00	6,840.00	6,727.65	6,717.64	227.07	23.03	-89.84	285.53	-10,262.40	1,668.93	1,464.52	204.40	8.165		
14,400.00	6,840.00	6,727.70	6,717.69	229.74	23.03	-89.84	285.53	-10,262.40	1,601.93	1,389.60	212.34	7.544		
14,500.00	6,840.00	6,727.74	6,717.74	232.41	23.03	-89.85	285.53	-10,262.40	1,538.52	1,318.00	220.53	6.977		
14,600.00	6,840.00	6,727.79	6,717.78	235.08	23.03	-89.85	285.53	-10,262.40	1,479.16	1,250.28	228.88	6.463		
14,700.00	6,840.00	6,727.84	6,717.84	237.75	23.03	-89.85	285.53	-10,262.40	1,424.35	1,187.07	237.28	6.003		
14,800.00	6,840.00	6,727.90	6,717.89	240.43	23.03	-89.85	285.53	-10,262.40	1,374.64	1,129.09	245.55	5.598		
14,900.00	6,840.00	6,727.95	6,717.94	243.10	23.03	-89.86	285.53	-10,262.40	1,330.60	1,077.12	253.48	5.249		
15,000.00	6,840.00	6,728.01	6,718.00	245.78	23.03	-89.86	285.53	-10,262.40	1,292.82	1,031.98	260.84	4.956		
15,100.00	6,840.00	6,728.06	6,718.05	248.46	23.03	-89.86	285.53	-10,262.40	1,261.84	994.50	267.34	4.720		
15,200.00	6,840.00	6,728.12	6,718.11	251.14	23.03	-89.86	285.53	-10,262.40	1,238.18	965.48	272.71	4.540		
15,300.00	6,840.00	6,728.18	6,718.17	253.82	23.03	-89.87	285.53	-10,262.40	1,222.28	945.57	276.70	4.417		
15,400.00	6,840.00	6,728.25	6,718.24	256.50	23.03	-89.87	285.53	-10,262.40	1,214.43	935.30	279.13	4.351		
15,445.68	6,840.00	6,728.28	6,718.27	257.72	23.03	-89.87	285.53	-10,262.40	1,213.57	933.89	279.68	4.339	CC, ES, SF	
15,500.00	6,840.00	6,728.31	6,718.30	259.18	23.03	-89.87	285.53	-10,262.40	1,214.78	934.92	279.86	4.341		
15,600.00	6,840.00	6,728.38	6,718.37	261.86	23.03	-89.88	285.53	-10,262.40	1,223.34	944.44	278.90	4.386		
15,700.00	6,840.00	6,728.45	6,718.44	264.54	23.03	-89.88	285.53	-10,262.40	1,239.93	963.60	276.33	4.487		
15,800.00	6,840.00	6,728.52	6,718.51	267.23	23.03	-89.88	285.53	-10,262.40	1,264.23	991.90	272.33	4.642		
15,900.00	6,840.00	6,728.59	6,718.59	269.91	23.03	-89.89	285.53	-10,262.40	1,295.82	1,028.69	267.13	4.851		
16,000.00	6,840.00	6,728.67	6,718.66	272.59	23.03	-89.89	285.53	-10,262.40	1,334.17	1,073.19	260.99	5.112		
16,100.00	6,840.00	6,728.75	6,718.74	275.28	23.03	-89.89	285.53	-10,262.40	1,378.73	1,124.55	254.18	5.424		
16,200.00	6,840.00	6,728.83	6,718.83	277.97	23.03	-89.90	285.52	-10,262.40	1,428.90	1,181.97	246.93	5.787		
16,300.00	6,840.00	6,728.92	6,718.91	280.65	23.03	-89.90	285.52	-10,262.40	1,484.12	1,244.65	239.47	6.198		
16,400.00	6,840.00	6,729.01	6,719.00	283.34	23.04	-89.91	285.52	-10,262.40	1,543.85	1,311.90	231.95	6.656		
16,500.00	6,840.00	6,729.10	6,719.10	286.03	23.04	-89.91	285.52	-10,262.40	1,607.59	1,383.07	224.52	7.160		
16,600.00	6,840.00	6,729.20	6,719.19	288.72	23.04	-89.91	285.52	-10,262.40	1,674.87	1,457.61	217.27	7.709		
16,700.00	6,840.00	6,729.30	6,719.29	291.41	23.04	-89.92	285.52	-10,262.40	1,745.30	1,535.04	210.26	8.301		
16,800.00	6,840.00	6,729.41	6,719.40	294.10	23.04	-89.92	285.52	-10,262.40	1,818.50	1,614.96	203.54	8.934		
16,900.00	6,840.00	6,729.52	6,719.51	296.79	23.04	-89.93	285.52	-10,262.40	1,894.15	1,697.01	197.14	9.608		
17,000.00	6,840.00	6,729.63	6,719.62	299.48	23.04	-89.94	285.52	-10,262.40	1,971.97	1,780.90	191.07	10.321		
17,100.00	6,840.00	6,729.75	6,719.74	302.17	23.04	-89.94	285.52	-10,262.40	2,051.71	1,866.39	185.32	11.071		
17,200.00	6,840.00	6,729.88	6,719.87	304.86	23.04	-89.95	285.52	-10,262.40	2,133.16	1,953.26	179.90	11.857		
17,300.00	6,840.00	6,730.01	6,720.00	307.56	23.04	-89.95	285.52	-10,262.40	2,216.14	2,041.34	174.79	12.678		
17,400.00	6,840.00	6,730.15	6,720.14	310.25	23.04	-89.96	285.52	-10,262.40	2,300.46	2,130.47	169.99	13.533		
17,500.00	6,840.00	6,730.29	6,720.28	312.94	23.04	-89.97	285.52	-10,262.40	2,386.00	2,220.53	165.47	14.420		
17,600.00	6,840.00	6,730.45	6,720.44	315.64	23.04	-89.97	285.52	-10,262.40	2,472.62	2,311.41	161.21	15.337		
17,700.00	6,840.00	6,730.61	6,720.60	318.33	23.04	-89.98	285.52	-10,262.40	2,560.22	2,403.00	157.22	16.285		
17,800.00	6,840.00	6,730.77	6,720.77	321.03	23.04	-89.99	285.52	-10,262.40	2,648.69	2,495.24	153.45	17.261		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 712-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,900.00	6,840.00	6,730.95	6,720.94	323.72	23.04	-90.00	285.52	-10,262.40	2,737.96	2,588.05	149.91	18.264		
18,000.00	6,840.00	6,731.14	6,721.13	326.42	23.04	-90.01	285.52	-10,262.40	2,827.95	2,681.37	146.58	19.293		
18,100.00	6,840.00	6,731.34	6,721.33	329.11	23.04	-90.02	285.52	-10,262.40	2,918.59	2,775.15	143.44	20.347		
18,200.00	6,840.00	6,731.55	6,721.54	331.81	23.04	-90.03	285.52	-10,262.40	3,009.82	2,869.34	140.48	21.425		
18,300.00	6,840.00	6,731.78	6,721.77	334.51	23.04	-90.04	285.52	-10,262.41	3,101.60	2,963.91	137.69	22.526		
18,400.00	6,840.00	6,732.02	6,722.01	337.20	23.05	-90.05	285.52	-10,262.41	3,193.86	3,058.81	135.05	23.649		
18,500.00	6,840.00	6,732.27	6,722.26	339.90	23.05	-90.06	285.52	-10,262.41	3,286.58	3,154.02	132.56	24.793		
18,600.00	6,840.00	6,732.54	6,722.53	342.60	23.05	-90.07	285.52	-10,262.41	3,379.72	3,249.51	130.21	25.957		
18,700.00	6,840.00	6,732.84	6,722.83	345.30	23.05	-90.09	285.51	-10,262.41	3,473.23	3,345.26	127.98	27.139		
18,800.00	6,840.00	6,733.15	6,723.14	348.00	23.05	-90.10	285.51	-10,262.41	3,567.10	3,441.23	125.87	28.340		
18,900.00	6,840.00	6,733.49	6,723.48	350.70	23.05	-90.12	285.51	-10,262.41	3,661.30	3,537.43	123.87	29.558		
19,000.00	6,840.00	6,733.85	6,723.84	353.39	23.05	-90.13	285.51	-10,262.41	3,755.79	3,633.81	121.97	30.792		
19,100.00	6,840.00	6,734.24	6,724.24	356.09	23.05	-90.15	285.51	-10,262.41	3,850.56	3,730.38	120.18	32.041		
19,200.00	6,840.00	6,734.67	6,724.66	358.79	23.05	-90.17	285.51	-10,262.41	3,945.59	3,827.12	118.47	33.305		
19,300.00	6,840.00	6,735.14	6,725.13	361.49	23.06	-90.20	285.51	-10,262.41	4,040.86	3,924.01	116.85	34.583		
19,400.00	6,840.00	6,735.65	6,725.64	364.20	23.06	-90.22	285.51	-10,262.41	4,136.35	4,021.05	115.30	35.874		
19,500.00	6,840.00	6,736.21	6,726.21	366.90	23.06	-90.25	285.51	-10,262.41	4,232.05	4,118.22	113.83	37.177		
19,600.00	6,840.00	6,736.84	6,726.83	369.60	23.06	-90.28	285.50	-10,262.41	4,327.95	4,215.51	112.44	38.492		
19,700.00	6,840.00	6,737.52	6,727.52	372.30	23.06	-90.31	285.50	-10,262.42	4,424.02	4,312.92	111.11	39.817		
19,800.00	6,840.00	6,738.29	6,728.29	375.00	23.07	-90.34	285.50	-10,262.42	4,520.27	4,410.43	109.84	41.153		
19,900.00	6,840.00	6,739.16	6,729.15	377.70	23.07	-90.38	285.50	-10,262.42	4,616.68	4,508.04	108.63	42.498		
20,000.00	6,840.00	6,740.14	6,730.13	380.40	23.07	-90.43	285.49	-10,262.42	4,713.23	4,605.75	107.48	43.852		
20,100.00	6,840.00	6,741.26	6,731.25	383.11	23.08	-90.48	285.49	-10,262.43	4,809.93	4,703.55	106.38	45.214		
20,200.00	6,840.00	6,742.55	6,732.54	385.81	23.08	-90.54	285.49	-10,262.43	4,906.76	4,801.42	105.33	46.583		
20,300.00	6,840.00	6,744.05	6,734.04	388.51	23.09	-90.62	285.48	-10,262.44	5,003.71	4,899.38	104.34	47.958		
20,400.00	6,840.00	6,745.82	6,735.81	391.22	23.09	-90.70	285.47	-10,262.44	5,100.78	4,997.40	103.38	49.339		
20,500.00	6,840.00	6,747.94	6,737.93	393.92	23.10	-90.80	285.47	-10,262.45	5,197.97	5,095.49	102.47	50.724		
20,539.70	6,840.00	6,748.90	6,738.90	394.99	23.10	-90.84	285.46	-10,262.46	5,236.57	5,134.45	102.13	51.275		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 1141-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,100.00	2,946.49	3,929.30	3,881.26	18.32	2.07	-45.57	-529.01	-10,524.81	9,970.65	9,954.44	16.21	615.224		
3,200.00	3,038.00	3,989.45	3,939.79	19.14	2.10	-45.75	-540.67	-10,517.33	9,930.84	9,913.98	16.86	589.099		
3,300.00	3,129.52	4,109.01	4,056.21	19.96	2.15	-46.11	-563.44	-10,502.41	9,891.16	9,873.64	17.52	564.612		
3,400.00	3,221.04	4,235.12	4,179.19	20.77	2.20	-46.48	-586.16	-10,486.21	9,851.28	9,833.09	18.18	541.770		
3,500.00	3,312.56	4,294.29	4,236.80	21.59	2.23	-46.67	-597.29	-10,478.54	9,811.58	9,792.73	18.85	520.500		
3,600.00	3,404.08	4,348.58	4,289.69	22.42	2.25	-46.83	-607.36	-10,471.62	9,772.24	9,752.72	19.52	500.582		
3,700.00	3,495.60	3,700.00	4,370.08	23.24	1.96	-47.08	-622.47	-10,461.31	9,733.28	9,713.26	20.02	486.188		
3,800.00	3,587.12	4,511.00	4,448.03	24.06	2.33	-47.33	-637.23	-10,451.19	9,694.41	9,673.52	20.88	464.238		
3,900.00	3,678.63	4,543.93	4,480.13	24.88	2.34	-47.43	-643.35	-10,447.15	9,656.01	9,634.45	21.57	447.703		
4,000.00	3,770.15	4,589.58	4,524.65	25.71	2.36	-47.57	-651.89	-10,441.73	9,618.19	9,595.93	22.26	432.108		
4,100.00	3,861.67	4,667.39	4,600.63	26.53	2.40	-47.81	-665.99	-10,432.67	9,580.71	9,557.76	22.95	417.370		
4,200.00	3,953.19	4,725.27	4,657.28	27.35	2.42	-47.99	-675.86	-10,426.04	9,543.51	9,519.85	23.65	403.460		
4,300.00	4,044.71	4,778.59	4,709.54	28.18	2.44	-48.15	-684.66	-10,420.21	9,506.82	9,482.46	24.36	390.307		
4,400.00	4,136.23	4,979.00	4,905.60	29.01	2.54	-48.77	-718.78	-10,396.52	9,469.40	9,444.33	25.07	377.766		
4,500.00	4,227.75	5,016.00	4,941.71	29.83	2.56	-48.89	-725.45	-10,392.04	9,432.37	9,406.58	25.78	365.863		
4,600.00	4,319.27	5,079.00	5,003.18	30.66	2.59	-49.09	-737.03	-10,384.54	9,395.77	9,369.27	26.50	354.548		
4,700.00	4,410.78	5,122.11	5,045.27	31.48	2.61	-49.23	-744.91	-10,379.54	9,359.66	9,332.44	27.22	343.800		
4,800.00	4,502.30	5,162.12	5,084.40	32.31	2.63	-49.36	-752.03	-10,375.15	9,324.16	9,296.21	27.95	333.584		
4,900.00	4,593.82	5,208.63	5,129.97	33.14	2.65	-49.50	-759.98	-10,370.29	9,289.22	9,260.54	28.68	323.865		
5,000.00	4,685.34	5,000.00	5,244.02	33.96	2.55	-49.87	-779.33	-10,358.15	9,254.44	9,225.09	29.35	315.319		
5,100.00	4,776.86	5,370.43	5,288.68	34.79	2.72	-50.01	-786.51	-10,353.47	9,219.90	9,189.75	30.15	305.758		
5,200.00	4,868.38	5,409.33	5,326.98	35.62	2.74	-50.13	-792.22	-10,349.75	9,185.99	9,155.09	30.90	297.317		
5,300.00	4,959.90	5,456.00	5,373.02	36.45	2.75	-50.27	-798.64	-10,345.60	9,152.67	9,121.03	31.64	289.268		
5,400.00	5,051.41	5,545.47	5,461.36	37.27	2.79	-50.53	-810.46	-10,337.83	9,119.65	9,087.27	32.38	281.607		
5,500.00	5,142.93	5,584.00	5,499.42	38.10	2.81	-50.65	-815.51	-10,334.51	9,086.96	9,053.83	33.14	274.222		
5,600.00	5,234.45	5,646.00	5,560.67	38.93	2.83	-50.83	-823.70	-10,329.52	9,054.87	9,020.98	33.89	267.176		
5,700.00	5,325.97	5,665.19	5,579.64	39.76	2.84	-50.89	-826.23	-10,328.11	9,023.42	8,988.77	34.65	260.394		
5,800.00	5,417.49	5,890.49	5,802.81	40.59	2.93	-51.55	-852.22	-10,311.47	8,992.29	8,956.90	35.39	254.111		
5,900.00	5,509.01	5,950.92	5,862.49	41.42	2.96	-51.73	-860.14	-10,306.26	8,960.29	8,924.13	36.15	247.835		
6,000.00	5,600.53	6,020.00	5,930.62	42.25	3.00	-51.95	-869.81	-10,300.29	8,928.65	8,891.72	36.93	241.802		
6,100.00	5,692.04	6,067.47	5,977.38	43.07	3.02	-52.10	-876.96	-10,296.21	8,897.47	8,859.77	37.70	235.983		
6,200.00	5,783.56	6,224.14	6,131.24	43.90	3.11	-52.61	-902.90	-10,282.15	8,866.56	8,828.08	38.48	230.396		
6,300.00	5,875.08	6,273.00	6,179.12	44.73	3.13	-52.78	-911.44	-10,277.54	8,835.58	8,796.31	39.27	224.971		
6,400.00	5,966.60	6,302.18	6,207.74	45.56	3.15	-52.88	-916.49	-10,274.95	8,805.25	8,765.18	40.07	219.756		
6,500.00	6,058.12	6,342.40	6,247.29	46.39	3.17	-53.01	-923.09	-10,271.67	8,775.60	8,734.74	40.86	214.749		
6,600.00	6,149.64	6,441.48	6,345.01	47.22	3.21	-53.33	-937.59	-10,264.22	8,746.38	8,704.72	41.66	209.960		
6,700.00	6,241.16	6,520.61	6,423.30	48.05	3.24	-53.58	-947.60	-10,258.53	8,717.23	8,674.78	42.45	205.345		
6,800.00	6,332.68	6,584.00	6,486.20	48.88	3.26	-53.77	-954.32	-10,254.48	8,688.49	8,645.25	43.25	200.897		
6,900.00	6,424.19	6,628.31	6,530.26	49.71	3.27	-53.89	-958.36	-10,252.00	8,660.27	8,616.22	44.05	196.598		
7,000.00	6,514.88	6,683.40	6,585.10	50.58	3.29	-48.44	-962.79	-10,249.32	8,630.42	8,585.56	44.87	192.358		
7,100.00	6,599.14	6,726.89	6,628.44	51.67	3.31	-42.72	-965.88	-10,247.46	8,587.32	8,541.56	45.77	187.631		
7,200.00	6,673.85	6,755.12	6,656.59	53.01	3.32	-40.96	-967.76	-10,246.45	8,530.53	8,483.80	46.73	182.552		
7,300.00	6,736.73	6,772.00	6,673.43	54.56	3.32	-42.18	-968.85	-10,245.92	8,461.65	8,413.93	47.71	177.338		
7,400.00	6,785.87	6,772.00	6,673.43	56.29	3.32	-46.61	-968.85	-10,245.92	8,382.68	8,333.99	48.69	172.176		
7,500.00	6,819.79	6,801.31	6,702.68	58.13	3.33	-56.42	-970.59	-10,245.21	8,295.65	8,246.06	49.59	167.281		
7,600.00	6,837.44	6,806.23	6,707.59	60.02	3.33	-74.83	-970.86	-10,245.13	8,203.26	8,152.85	50.41	162.727		
7,700.00	6,840.00	6,806.48	6,707.84	61.90	3.33	-90.00	-970.87	-10,245.12	8,108.23	8,057.11	51.13	158.587		
7,800.00	6,840.00	6,805.92	6,707.28	63.83	3.33	-89.98	-970.84	-10,245.13	8,013.04	7,961.20	51.84	154.558		
7,900.00	6,840.00	6,805.35	6,706.71	65.81	3.33	-89.97	-970.81	-10,245.14	7,917.97	7,865.39	52.59	150.568		
8,000.00	6,840.00	6,804.76	6,706.12	67.84	3.33	-89.96	-970.78	-10,245.15	7,823.02	7,769.67	53.36	146.619		
8,100.00	6,840.00	6,804.16	6,705.52	69.91	3.33	-89.94	-970.74	-10,245.16	7,728.20	7,674.05	54.15	142.713		
8,200.00	6,840.00	6,803.54	6,704.90	72.03	3.33	-89.93	-970.71	-10,245.17	7,633.51	7,578.54	54.98	138.851		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 1141-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,300.00	6,840.00	6,802.91	6,704.27	74.18	3.33	-89.91	-970.68	-10,245.18	7,538.96	7,483.13	55.83	135.036		
8,400.00	6,840.00	6,802.26	6,703.62	76.37	3.33	-89.90	-970.64	-10,245.20	7,444.55	7,387.84	56.71	131.270		
8,500.00	6,840.00	6,801.59	6,702.96	78.59	3.33	-89.88	-970.60	-10,245.21	7,350.29	7,292.66	57.63	127.553		
8,600.00	6,840.00	6,800.91	6,702.28	80.85	3.33	-89.87	-970.56	-10,245.22	7,256.18	7,197.61	58.57	123.888		
8,700.00	6,840.00	6,800.21	6,701.58	83.13	3.33	-89.85	-970.53	-10,245.24	7,162.23	7,102.68	59.55	120.276		
8,800.00	6,840.00	6,799.50	6,700.87	85.44	3.33	-89.83	-970.49	-10,245.25	7,068.45	7,007.89	60.56	116.719		
8,900.00	6,840.00	6,798.76	6,700.13	87.77	3.33	-89.82	-970.44	-10,245.26	6,974.84	6,913.23	61.61	113.217		
9,000.00	6,840.00	6,798.00	6,699.38	90.12	3.33	-89.80	-970.40	-10,245.28	6,881.40	6,818.72	62.69	109.772		
9,100.00	6,840.00	6,797.23	6,698.60	92.50	3.33	-89.78	-970.36	-10,245.29	6,788.16	6,724.35	63.81	106.385		
9,200.00	6,840.00	6,796.43	6,697.80	94.89	3.33	-89.76	-970.31	-10,245.31	6,695.11	6,630.14	64.97	103.056		
9,300.00	6,840.00	6,795.61	6,696.98	97.30	3.33	-89.74	-970.27	-10,245.33	6,602.26	6,536.10	66.16	99.787		
9,400.00	6,840.00	6,794.76	6,696.14	99.73	3.33	-89.72	-970.22	-10,245.35	6,509.63	6,442.23	67.40	96.579		
9,500.00	6,840.00	6,793.89	6,695.27	102.17	3.33	-89.70	-970.17	-10,245.36	6,417.21	6,348.53	68.68	93.432		
9,600.00	6,840.00	6,793.00	6,694.38	104.63	3.33	-89.68	-970.12	-10,245.38	6,325.03	6,255.02	70.01	90.347		
9,700.00	6,840.00	6,792.08	6,693.46	107.10	3.33	-89.66	-970.06	-10,245.40	6,233.09	6,161.71	71.38	87.324		
9,800.00	6,840.00	6,791.13	6,692.51	109.58	3.33	-89.64	-970.01	-10,245.43	6,141.39	6,068.60	72.80	84.364		
9,900.00	6,840.00	6,790.15	6,691.54	112.07	3.33	-89.62	-969.95	-10,245.45	6,049.96	5,975.70	74.26	81.467		
10,000.00	6,840.00	6,789.14	6,690.53	114.58	3.33	-89.59	-969.89	-10,245.47	5,958.81	5,883.03	75.78	78.633		
10,100.00	6,840.00	6,788.10	6,689.49	117.09	3.33	-89.57	-969.83	-10,245.49	5,867.94	5,790.59	77.35	75.863		
10,200.00	6,840.00	6,787.02	6,688.42	119.61	3.33	-89.55	-969.77	-10,245.52	5,777.38	5,698.41	78.97	73.156		
10,300.00	6,840.00	6,772.00	6,673.43	122.14	3.32	-89.20	-968.85	-10,245.92	5,687.17	5,606.52	80.65	70.518		
10,400.00	6,840.00	6,772.00	6,673.43	124.68	3.32	-89.20	-968.85	-10,245.92	5,597.24	5,514.86	82.39	67.939		
10,500.00	6,840.00	6,772.00	6,673.43	127.23	3.32	-89.20	-968.85	-10,245.92	5,507.67	5,423.48	84.19	65.423		
10,600.00	6,840.00	6,772.00	6,673.43	129.78	3.32	-89.20	-968.85	-10,245.92	5,418.45	5,332.41	86.05	62.971		
10,700.00	6,840.00	6,772.00	6,673.43	132.35	3.32	-89.20	-968.85	-10,245.92	5,329.63	5,241.65	87.97	60.583		
10,800.00	6,840.00	6,772.00	6,673.43	134.91	3.32	-89.20	-968.85	-10,245.92	5,241.20	5,151.23	89.97	58.257		
10,900.00	6,840.00	6,772.00	6,673.43	137.49	3.32	-89.20	-968.85	-10,245.92	5,153.20	5,061.17	92.03	55.995		
11,000.00	6,840.00	6,772.00	6,673.43	140.07	3.32	-89.20	-968.85	-10,245.92	5,065.64	4,971.47	94.17	53.794		
11,100.00	6,840.00	6,772.00	6,673.43	142.65	3.32	-89.20	-968.85	-10,245.92	4,978.55	4,882.17	96.38	51.656		
11,200.00	6,840.00	6,772.00	6,673.43	145.24	3.32	-89.20	-968.85	-10,245.92	4,891.95	4,793.28	98.67	49.580		
11,300.00	6,840.00	6,772.00	6,673.43	147.83	3.32	-89.20	-968.85	-10,245.92	4,805.88	4,704.84	101.04	47.565		
11,400.00	6,840.00	6,772.00	6,673.43	150.43	3.32	-89.20	-968.85	-10,245.92	4,720.35	4,616.86	103.49	45.610		
11,500.00	6,840.00	6,772.00	6,673.43	153.04	3.32	-89.20	-968.85	-10,245.92	4,635.40	4,529.37	106.03	43.716		
11,600.00	6,840.00	6,772.00	6,673.43	155.64	3.32	-89.20	-968.85	-10,245.92	4,551.07	4,442.40	108.66	41.882		
11,700.00	6,840.00	6,764.80	6,666.24	158.26	3.32	-89.03	-968.39	-10,246.14	4,467.37	4,355.99	111.38	40.110		
11,800.00	6,840.00	6,762.74	6,664.19	160.87	3.32	-88.98	-968.25	-10,246.20	4,384.36	4,270.17	114.19	38.394		
11,900.00	6,840.00	6,760.62	6,662.08	163.49	3.32	-88.93	-968.12	-10,246.27	4,302.07	4,184.96	117.11	36.736		
12,000.00	6,840.00	6,758.45	6,659.91	166.11	3.32	-88.88	-967.98	-10,246.34	4,220.54	4,100.42	120.12	35.135		
12,100.00	6,840.00	6,756.21	6,657.67	168.74	3.32	-88.83	-967.83	-10,246.41	4,139.83	4,016.58	123.24	33.591		
12,200.00	6,840.00	6,753.90	6,655.37	171.37	3.32	-88.78	-967.68	-10,246.49	4,059.96	3,933.50	126.47	32.103		
12,300.00	6,840.00	6,751.52	6,653.00	174.00	3.31	-88.72	-967.53	-10,246.57	3,981.01	3,851.21	129.80	30.670		
12,400.00	6,840.00	6,749.07	6,650.55	176.63	3.31	-88.67	-967.37	-10,246.65	3,903.02	3,769.77	133.25	29.291		
12,500.00	6,840.00	6,746.54	6,648.03	179.27	3.31	-88.61	-967.20	-10,246.74	3,826.05	3,689.24	136.81	27.966		
12,600.00	6,840.00	6,743.92	6,645.42	181.91	3.31	-88.55	-967.03	-10,246.83	3,750.17	3,609.68	140.48	26.695		
12,700.00	6,840.00	6,741.23	6,642.74	184.55	3.31	-88.48	-966.85	-10,246.93	3,675.43	3,531.16	144.28	25.475		
12,800.00	6,840.00	6,738.44	6,639.96	187.19	3.31	-88.42	-966.66	-10,247.03	3,601.93	3,453.74	148.18	24.307		
12,900.00	6,840.00	6,735.56	6,637.09	189.84	3.31	-88.35	-966.47	-10,247.13	3,529.72	3,377.51	152.21	23.190		
13,000.00	6,840.00	6,732.58	6,634.12	192.48	3.31	-88.28	-966.27	-10,247.24	3,458.89	3,302.54	156.35	22.123		
13,100.00	6,840.00	6,729.50	6,631.04	195.13	3.31	-88.21	-966.06	-10,247.36	3,389.52	3,228.92	160.60	21.105		
13,200.00	6,840.00	6,726.31	6,627.86	197.79	3.31	-88.14	-965.84	-10,247.49	3,321.72	3,156.75	164.97	20.136		
13,300.00	6,840.00	6,723.00	6,624.57	200.44	3.31	-88.06	-965.62	-10,247.62	3,255.57	3,086.14	169.44	19.214		
13,400.00	6,840.00	6,719.58	6,621.15	203.10	3.30	-87.98	-965.38	-10,247.75	3,191.18	3,017.18	174.01	18.339		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 1141-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,500.00	6,840.00	6,719.47	6,621.05	205.75	3.30	-87.98	-965.37	-10,247.75	3,128.66	2,949.98	178.68	17.510		
13,600.00	6,840.00	6,713.65	6,615.24	208.41	3.30	-87.84	-964.97	-10,248.00	3,068.12	2,884.71	183.42	16.728		
13,700.00	6,840.00	6,707.65	6,609.27	211.07	3.30	-87.70	-964.55	-10,248.25	3,009.68	2,821.46	188.22	15.990		
13,800.00	6,840.00	6,701.47	6,603.11	213.74	3.30	-87.56	-964.11	-10,248.52	2,953.46	2,760.39	193.08	15.297		
13,900.00	6,840.00	6,695.11	6,596.77	216.40	3.30	-87.41	-963.65	-10,248.80	2,899.60	2,701.62	197.97	14.646		
14,000.00	6,840.00	6,688.55	6,590.23	219.06	3.29	-87.26	-963.17	-10,249.09	2,848.21	2,645.33	202.89	14.039		
14,100.00	6,840.00	6,681.78	6,583.49	221.73	3.29	-87.10	-962.66	-10,249.40	2,799.45	2,591.65	207.79	13.472		
14,200.00	6,840.00	6,674.79	6,576.53	224.40	3.29	-86.94	-962.13	-10,249.72	2,753.44	2,540.77	212.67	12.947		
14,300.00	6,840.00	6,667.58	6,569.35	227.07	3.29	-86.77	-961.58	-10,250.06	2,710.33	2,492.84	217.49	12.462		
14,400.00	6,840.00	6,660.13	6,561.93	229.74	3.28	-86.60	-960.99	-10,250.41	2,670.26	2,448.04	222.22	12.016		
14,500.00	6,840.00	6,652.70	6,554.53	232.41	3.28	-86.43	-960.39	-10,250.77	2,633.36	2,406.53	226.83	11.610		
14,600.00	6,840.00	6,644.39	6,546.26	235.08	3.28	-86.24	-959.71	-10,251.18	2,599.77	2,368.50	231.27	11.241		
14,700.00	6,840.00	6,635.58	6,537.49	237.75	3.28	-86.03	-958.98	-10,251.62	2,569.63	2,334.10	235.53	10.910		
14,800.00	6,840.00	6,626.23	6,528.18	240.43	3.27	-85.81	-958.18	-10,252.11	2,543.04	2,303.49	239.55	10.616		
14,900.00	6,840.00	6,616.28	6,518.29	243.10	3.27	-85.58	-957.30	-10,252.64	2,520.12	2,276.81	243.31	10.358		
15,000.00	6,840.00	6,605.68	6,507.75	245.78	3.27	-85.34	-956.35	-10,253.22	2,500.97	2,254.21	246.76	10.135		
15,100.00	6,840.00	15,100.00	6,468.91	248.46	6.34	-84.43	-952.48	-10,255.59	2,485.62	2,233.60	252.02	9.863		
15,200.00	6,840.00	6,580.72	6,482.94	251.14	3.26	-84.76	-954.00	-10,254.68	2,474.30	2,221.68	252.62	9.794		
15,300.00	6,840.00	6,555.90	6,458.30	253.82	3.25	-84.18	-951.49	-10,256.21	2,466.88	2,212.02	254.86	9.680		
15,400.00	6,840.00	6,528.21	6,430.84	256.50	3.24	-83.54	-948.47	-10,258.02	2,463.43	2,206.79	256.64	9.599		
15,436.55	6,840.00	6,518.64	6,421.35	257.48	3.24	-83.32	-947.37	-10,258.67	2,463.17	2,205.97	257.19	9.577 CC		
15,500.00	6,840.00	6,504.62	6,407.46	259.18	3.23	-82.99	-945.71	-10,259.64	2,463.97	2,205.92	258.05	9.549 ES		
15,600.00	6,840.00	6,481.31	6,384.38	261.86	3.22	-82.45	-942.83	-10,261.29	2,468.50	2,209.47	259.03	9.530 SF		
15,700.00	6,840.00	6,458.95	6,362.28	264.54	3.21	-81.93	-939.93	-10,262.92	2,476.99	2,217.40	259.59	9.542		
15,800.00	6,840.00	6,445.08	6,348.57	267.23	3.21	-81.61	-938.08	-10,263.95	2,489.42	2,229.57	259.85	9.580		
15,900.00	6,840.00	6,431.20	6,334.86	269.91	3.20	-81.29	-936.18	-10,264.98	2,505.74	2,246.03	259.71	9.648		
16,000.00	6,840.00	6,417.30	6,321.14	272.59	3.20	-80.97	-934.25	-10,266.00	2,525.87	2,266.70	259.17	9.746		
16,100.00	6,840.00	6,407.46	6,311.42	275.28	3.19	-80.74	-932.86	-10,266.74	2,549.73	2,291.40	258.34	9.870		
16,200.00	6,840.00	6,380.21	6,284.53	277.97	3.18	-80.11	-928.91	-10,268.76	2,577.21	2,320.33	256.88	10.033		
16,300.00	6,840.00	16,300.00	6,219.19	280.65	7.75	-78.57	-918.33	-10,274.06	2,608.07	2,349.34	258.73	10.080		
16,400.00	6,840.00	6,309.35	6,214.79	283.34	3.15	-78.47	-917.70	-10,274.34	2,642.42	2,389.69	252.73	10.456		
16,500.00	6,840.00	6,269.35	6,175.55	286.03	3.13	-77.54	-910.80	-10,277.88	2,679.82	2,429.68	250.14	10.713		
16,600.00	6,840.00	6,260.86	6,167.22	288.72	3.13	-77.35	-909.30	-10,278.67	2,720.32	2,472.42	247.90	10.973		
16,700.00	6,840.00	6,252.21	6,158.75	291.41	3.12	-77.15	-907.78	-10,279.48	2,763.83	2,518.36	245.47	11.259		
16,800.00	6,840.00	6,243.40	6,150.11	294.10	3.12	-76.94	-906.24	-10,280.31	2,810.19	2,567.32	242.86	11.571		
16,900.00	6,840.00	6,234.43	6,141.32	296.79	3.11	-76.74	-904.68	-10,281.16	2,859.26	2,619.14	240.12	11.908		
17,000.00	6,840.00	6,225.30	6,132.37	299.48	3.11	-76.52	-903.10	-10,282.04	2,910.92	2,673.66	237.26	12.269		
17,100.00	6,840.00	6,215.99	6,123.25	302.17	3.10	-76.31	-901.49	-10,282.94	2,965.02	2,730.71	234.31	12.654		
17,200.00	6,840.00	6,210.00	6,117.38	304.86	3.10	-76.17	-900.46	-10,283.53	3,021.43	2,790.09	231.35	13.060		
17,300.00	6,840.00	6,200.77	6,108.33	307.56	3.09	-75.96	-898.88	-10,284.43	3,080.03	2,851.75	228.28	13.492		
17,400.00	6,840.00	6,194.18	6,101.87	310.25	3.09	-75.81	-897.76	-10,285.06	3,140.71	2,915.48	225.23	13.944		
17,500.00	6,840.00	6,187.72	6,095.54	312.94	3.09	-75.66	-896.66	-10,285.68	3,203.33	2,981.17	222.17	14.419		
17,600.00	6,840.00	6,181.39	6,089.33	315.64	3.08	-75.51	-895.59	-10,286.28	3,267.80	3,048.70	219.10	14.914		
17,700.00	6,840.00	6,175.19	6,083.24	318.33	3.08	-75.37	-894.54	-10,286.86	3,334.01	3,117.95	216.05	15.431		
17,800.00	6,840.00	6,169.11	6,077.27	321.03	3.08	-75.23	-893.51	-10,287.42	3,401.84	3,188.82	213.03	15.969		
17,900.00	6,840.00	6,163.14	6,071.41	323.72	3.07	-75.10	-892.50	-10,287.97	3,471.22	3,261.19	210.03	16.527		
18,000.00	6,840.00	6,157.29	6,065.67	326.42	3.07	-74.96	-891.52	-10,288.50	3,542.05	3,334.98	207.07	17.105		
18,100.00	6,840.00	6,147.00	6,055.57	329.11	3.06	-74.73	-889.80	-10,289.42	3,614.25	3,410.15	204.09	17.709		
18,200.00	6,840.00	6,147.00	6,055.57	331.81	3.06	-74.73	-889.80	-10,289.42	3,687.72	3,486.40	201.32	18.318		
18,300.00	6,840.00	6,147.00	6,055.57	334.51	3.06	-74.73	-889.80	-10,289.42	3,762.41	3,563.82	198.59	18.946		
18,400.00	6,840.00	6,134.83	6,043.61	337.20	3.06	-74.45	-887.78	-10,290.49	3,838.23	3,642.49	195.74	19.609		
18,500.00	6,840.00	6,129.38	6,038.26	339.90	3.06	-74.32	-886.88	-10,290.97	3,915.13	3,722.09	193.04	20.281		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 1141-GYD_CT													<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,600.00	6,840.00	6,123.99	6,032.97	342.60	3.05	-74.20	-885.99	-10,291.43	3,993.04	3,802.63	190.41	20.971		
18,700.00	6,840.00	6,118.66	6,027.73	345.30	3.05	-74.08	-885.12	-10,291.89	4,071.90	3,884.07	187.84	21.678		
18,800.00	6,840.00	6,113.39	6,022.55	348.00	3.05	-73.96	-884.26	-10,292.35	4,151.67	3,966.34	185.33	22.402		
18,900.00	6,840.00	6,108.18	6,017.42	350.70	3.04	-73.84	-883.42	-10,292.79	4,232.28	4,049.40	182.88	23.143		
19,000.00	6,840.00	6,103.02	6,012.35	353.39	3.04	-73.72	-882.59	-10,293.23	4,313.69	4,133.20	180.49	23.900		
19,100.00	6,840.00	6,097.92	6,007.34	356.09	3.04	-73.60	-881.77	-10,293.66	4,395.87	4,217.70	178.17	24.672		
19,200.00	6,840.00	6,084.00	5,993.64	358.79	3.03	-73.28	-879.55	-10,294.83	4,478.77	4,302.98	175.79	25.478		
19,300.00	6,840.00	6,084.00	5,993.64	361.49	3.03	-73.28	-879.55	-10,294.83	4,562.32	4,388.66	173.66	26.272		
19,400.00	6,840.00	6,082.51	5,992.18	364.20	3.03	-73.25	-879.31	-10,294.95	4,646.52	4,474.96	171.56	27.084		
19,500.00	6,840.00	6,075.50	5,985.28	366.90	3.03	-73.09	-878.21	-10,295.54	4,731.33	4,561.88	169.45	27.922		
19,600.00	6,840.00	6,068.40	5,978.29	369.60	3.02	-72.93	-877.10	-10,296.13	4,816.71	4,649.31	167.40	28.774		
19,700.00	6,840.00	6,061.22	5,971.23	372.30	3.02	-72.77	-875.99	-10,296.74	4,902.63	4,737.23	165.40	29.641		
19,800.00	6,840.00	6,053.96	5,964.07	375.00	3.02	-72.60	-874.88	-10,297.35	4,989.06	4,825.60	163.46	30.522		
19,900.00	6,840.00	6,046.61	5,956.83	377.70	3.01	-72.43	-873.77	-10,297.98	5,075.97	4,914.41	161.57	31.417		
20,000.00	6,840.00	6,039.17	5,949.51	380.40	3.01	-72.27	-872.65	-10,298.62	5,163.35	5,003.62	159.73	32.326		
20,100.00	6,840.00	6,031.63	5,942.09	383.11	3.00	-72.10	-871.52	-10,299.27	5,251.17	5,093.23	157.94	33.248		
20,200.00	6,840.00	6,024.01	5,934.57	385.81	3.00	-71.92	-870.40	-10,299.94	5,339.40	5,183.20	156.20	34.183		
20,300.00	6,840.00	6,020.00	5,930.62	388.51	3.00	-71.83	-869.81	-10,300.29	5,428.03	5,273.48	154.55	35.121		
20,400.00	6,840.00	6,011.86	5,922.60	391.22	2.99	-71.65	-868.63	-10,301.00	5,517.04	5,364.14	152.90	36.083		
20,500.00	6,840.00	6,006.39	5,917.21	393.92	2.99	-71.53	-867.84	-10,301.48	5,606.41	5,455.09	151.32	37.049		
20,539.70	6,840.00	6,004.22	5,915.07	394.99	2.99	-71.48	-867.53	-10,301.67	5,641.98	5,491.27	150.71	37.436		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LORY 12N - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 144-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,900.00	6,840.00	16,140.00	7,040.01	137.49	158.00	-175.14	1,504.19	-15,700.82	9,991.82	9,795.36	196.46	50.859		
11,000.00	6,840.00	16,140.00	7,040.01	140.07	158.00	-175.14	1,504.19	-15,700.82	9,891.84	9,695.35	196.49	50.343		
11,100.00	6,840.00	16,140.00	7,040.01	142.65	158.00	-175.14	1,504.19	-15,700.82	9,791.87	9,595.35	196.52	49.826		
11,200.00	6,840.00	16,140.00	7,040.01	145.24	158.00	-175.14	1,504.19	-15,700.82	9,691.89	9,495.34	196.55	49.309		
11,300.00	6,840.00	16,140.00	7,040.01	147.83	158.00	-175.14	1,504.19	-15,700.82	9,591.92	9,395.33	196.59	48.792		
11,400.00	6,840.00	16,140.00	7,040.01	150.43	158.00	-175.14	1,504.19	-15,700.82	9,491.95	9,295.33	196.62	48.276		
11,500.00	6,840.00	16,140.00	7,040.01	153.04	158.00	-175.14	1,504.19	-15,700.82	9,391.97	9,195.32	196.65	47.759		
11,600.00	6,840.00	16,140.00	7,040.01	155.64	158.00	-175.14	1,504.19	-15,700.82	9,292.00	9,095.32	196.69	47.243		
11,700.00	6,840.00	16,140.00	7,040.01	158.26	158.00	-175.14	1,504.19	-15,700.82	9,192.03	8,995.31	196.72	46.726		
11,800.00	6,840.00	16,140.00	7,040.01	160.87	158.00	-175.14	1,504.19	-15,700.82	9,092.06	8,895.30	196.76	46.210		
11,900.00	6,840.00	16,140.00	7,040.01	163.49	158.00	-175.14	1,504.19	-15,700.82	8,992.09	8,795.30	196.79	45.694		
12,000.00	6,840.00	16,140.00	7,040.01	166.11	158.00	-175.14	1,504.19	-15,700.82	8,892.12	8,695.29	196.83	45.177		
12,100.00	6,840.00	16,140.00	7,040.01	168.74	158.00	-175.14	1,504.19	-15,700.82	8,792.15	8,595.29	196.86	44.661		
12,200.00	6,840.00	16,140.00	7,040.01	171.37	158.00	-175.14	1,504.19	-15,700.82	8,692.18	8,495.28	196.90	44.145		
12,300.00	6,840.00	16,140.00	7,040.01	174.00	158.00	-175.14	1,504.19	-15,700.82	8,592.22	8,395.28	196.94	43.629		
12,400.00	6,840.00	16,140.00	7,040.01	176.63	158.00	-175.14	1,504.19	-15,700.82	8,492.25	8,295.28	196.97	43.113		
12,500.00	6,840.00	16,140.00	7,040.01	179.27	158.00	-175.14	1,504.19	-15,700.82	8,392.28	8,195.27	197.01	42.598		
12,600.00	6,840.00	16,140.00	7,040.01	181.91	158.00	-175.14	1,504.19	-15,700.82	8,292.32	8,095.27	197.05	42.082		
12,700.00	6,840.00	16,140.00	7,040.01	184.55	158.00	-175.14	1,504.19	-15,700.82	8,192.35	7,995.26	197.09	41.567		
12,800.00	6,840.00	16,140.00	7,040.01	187.19	158.00	-175.14	1,504.19	-15,700.82	8,092.39	7,895.26	197.13	41.051		
12,900.00	6,840.00	16,140.00	7,040.01	189.84	158.00	-175.14	1,504.19	-15,700.82	7,992.43	7,795.26	197.17	40.536		
13,000.00	6,840.00	16,140.00	7,040.01	192.48	158.00	-175.14	1,504.19	-15,700.82	7,892.47	7,695.26	197.21	40.021		
13,100.00	6,840.00	16,140.00	7,040.01	195.13	158.00	-175.14	1,504.19	-15,700.82	7,792.51	7,595.26	197.25	39.506		
13,200.00	6,840.00	16,140.00	7,040.01	197.79	158.00	-175.14	1,504.19	-15,700.82	7,692.55	7,495.26	197.29	38.991		
13,300.00	6,840.00	16,140.00	7,040.01	200.44	158.00	-175.14	1,504.19	-15,700.82	7,592.59	7,395.26	197.33	38.476		
13,400.00	6,840.00	16,140.00	7,040.01	203.10	158.00	-175.14	1,504.19	-15,700.82	7,492.63	7,295.26	197.37	37.962		
13,500.00	6,840.00	16,140.00	7,040.01	205.75	158.00	-175.14	1,504.19	-15,700.82	7,392.68	7,195.26	197.42	37.447		
13,600.00	6,840.00	16,140.00	7,040.01	208.41	158.00	-175.14	1,504.19	-15,700.82	7,292.72	7,095.26	197.46	36.933		
13,700.00	6,840.00	16,140.00	7,040.01	211.07	158.00	-175.14	1,504.19	-15,700.82	7,192.77	6,995.27	197.50	36.419		
13,800.00	6,840.00	16,140.00	7,040.01	213.74	158.00	-175.14	1,504.19	-15,700.82	7,092.82	6,895.27	197.55	35.905		
13,900.00	6,840.00	16,140.00	7,040.01	216.40	158.00	-175.14	1,504.19	-15,700.82	6,992.87	6,795.28	197.59	35.391		
14,000.00	6,840.00	16,140.00	7,040.01	219.06	158.00	-175.14	1,504.19	-15,700.82	6,892.92	6,695.28	197.63	34.877		
14,100.00	6,840.00	16,140.00	7,040.01	221.73	158.00	-175.14	1,504.19	-15,700.82	6,792.97	6,595.29	197.68	34.364		
14,200.00	6,840.00	16,140.00	7,040.01	224.40	158.00	-175.14	1,504.19	-15,700.82	6,693.02	6,495.30	197.72	33.851		
14,300.00	6,840.00	16,140.00	7,040.01	227.07	158.00	-175.14	1,504.19	-15,700.82	6,593.08	6,395.31	197.77	33.338		
14,400.00	6,840.00	16,140.00	7,040.01	229.74	158.00	-175.14	1,504.19	-15,700.82	6,493.13	6,295.32	197.81	32.825		
14,500.00	6,840.00	16,140.00	7,040.01	232.41	158.00	-175.14	1,504.19	-15,700.82	6,393.19	6,195.33	197.86	32.312		
14,600.00	6,840.00	16,140.00	7,040.01	235.08	158.00	-175.14	1,504.19	-15,700.82	6,293.25	6,095.35	197.90	31.799		
14,700.00	6,840.00	16,140.00	7,040.01	237.75	158.00	-175.14	1,504.19	-15,700.82	6,193.32	5,995.37	197.95	31.287		
14,800.00	6,840.00	16,140.00	7,040.01	240.43	158.00	-175.14	1,504.19	-15,700.82	6,093.38	5,895.38	198.00	30.775		
14,900.00	6,840.00	16,140.00	7,040.01	243.10	158.00	-175.14	1,504.19	-15,700.82	5,993.45	5,795.40	198.04	30.263		
15,000.00	6,840.00	16,140.00	7,040.01	245.78	158.00	-175.14	1,504.19	-15,700.82	5,893.52	5,695.42	198.09	29.751		
15,100.00	6,840.00	16,140.00	7,040.01	248.46	158.00	-175.14	1,504.19	-15,700.82	5,793.59	5,595.45	198.14	29.240		
15,200.00	6,840.00	16,140.00	7,040.01	251.14	158.00	-175.14	1,504.19	-15,700.82	5,693.66	5,495.47	198.19	28.729		
15,300.00	6,840.00	16,140.00	7,040.01	253.82	158.00	-175.14	1,504.19	-15,700.82	5,593.74	5,395.50	198.24	28.218		
15,400.00	6,840.00	16,140.00	7,040.01	256.50	158.00	-175.14	1,504.19	-15,700.82	5,493.82	5,295.53	198.28	27.707		
15,500.00	6,840.00	16,140.00	7,040.01	259.18	158.00	-175.14	1,504.19	-15,700.82	5,393.90	5,195.57	198.33	27.196		
15,600.00	6,840.00	16,140.00	7,040.01	261.86	158.00	-175.14	1,504.19	-15,700.82	5,293.99	5,095.60	198.38	26.686		
15,700.00	6,840.00	16,140.00	7,040.01	264.54	158.00	-175.14	1,504.19	-15,700.82	5,194.07	4,995.64	198.43	26.176		
15,800.00	6,840.00	16,140.00	7,040.01	267.23	158.00	-175.14	1,504.19	-15,700.82	5,094.17	4,895.69	198.48	25.666		
15,900.00	6,840.00	16,140.00	7,040.01	269.91	158.00	-175.14	1,504.19	-15,700.82	4,994.26	4,795.73	198.53	25.156		
16,000.00	6,840.00	16,140.00	7,040.01	272.59	158.00	-175.14	1,504.19	-15,700.82	4,894.36	4,695.78	198.58	24.647		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST HZ LORY 12N - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 144-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,100.00	6,840.00	16,140.00	7,040.01	275.28	158.00	-175.14	1,504.19	-15,700.82	4,794.47	4,595.84	198.63	24.138		
16,200.00	6,840.00	16,140.00	7,040.01	277.97	158.00	-175.14	1,504.19	-15,700.82	4,694.57	4,495.90	198.68	23.629		
16,300.00	6,840.00	16,140.00	7,040.01	280.65	158.00	-175.14	1,504.19	-15,700.82	4,594.69	4,395.96	198.73	23.120		
16,400.00	6,840.00	16,140.00	7,040.01	283.34	158.00	-175.14	1,504.19	-15,700.82	4,494.81	4,296.03	198.78	22.612		
16,500.00	6,840.00	16,140.00	7,040.01	286.03	158.00	-175.14	1,504.19	-15,700.82	4,394.93	4,196.10	198.83	22.104		
16,600.00	6,840.00	16,140.00	7,040.01	288.72	158.00	-175.14	1,504.19	-15,700.82	4,295.06	4,096.18	198.88	21.596		
16,700.00	6,840.00	16,140.00	7,040.01	291.41	158.00	-175.14	1,504.19	-15,700.82	4,195.19	3,996.26	198.93	21.089		
16,800.00	6,840.00	16,140.00	7,040.01	294.10	158.00	-175.14	1,504.19	-15,700.82	4,095.34	3,896.35	198.98	20.582		
16,900.00	6,840.00	16,140.00	7,040.01	296.79	158.00	-175.14	1,504.19	-15,700.82	3,995.48	3,796.45	199.03	20.075		
17,000.00	6,840.00	16,140.00	7,040.01	299.48	158.00	-175.14	1,504.19	-15,700.82	3,895.64	3,696.56	199.08	19.568		
17,100.00	6,840.00	16,140.00	7,040.01	302.17	158.00	-175.14	1,504.19	-15,700.82	3,795.81	3,596.67	199.13	19.062		
17,200.00	6,840.00	16,140.00	7,040.01	304.86	158.00	-175.14	1,504.19	-15,700.82	3,695.98	3,496.80	199.18	18.556		
17,300.00	6,840.00	16,140.00	7,040.01	307.56	158.00	-175.14	1,504.19	-15,700.82	3,596.16	3,396.93	199.24	18.050		
17,400.00	6,840.00	16,140.00	7,040.01	310.25	158.00	-175.14	1,504.19	-15,700.82	3,496.36	3,297.07	199.29	17.544		
17,500.00	6,840.00	16,140.00	7,040.01	312.94	158.00	-175.14	1,504.19	-15,700.82	3,396.56	3,197.23	199.34	17.039		
17,600.00	6,840.00	16,140.00	7,040.01	315.64	158.00	-175.14	1,504.19	-15,700.82	3,296.78	3,097.39	199.39	16.534		
17,700.00	6,840.00	16,140.00	7,040.01	318.33	158.00	-175.14	1,504.19	-15,700.82	3,197.01	2,997.57	199.44	16.030		
17,800.00	6,840.00	16,140.00	7,040.01	321.03	158.00	-175.14	1,504.19	-15,700.82	3,097.26	2,897.77	199.49	15.526		
17,900.00	6,840.00	16,140.00	7,040.01	323.72	158.00	-175.14	1,504.19	-15,700.82	2,997.52	2,797.98	199.54	15.022		
18,000.00	6,840.00	16,140.00	7,040.01	326.42	158.00	-175.14	1,504.19	-15,700.82	2,897.80	2,698.21	199.60	14.518		
18,100.00	6,840.00	16,140.00	7,040.01	329.11	158.00	-175.14	1,504.19	-15,700.82	2,798.10	2,598.46	199.65	14.015		
18,200.00	6,840.00	16,140.00	7,040.01	331.81	158.00	-175.14	1,504.19	-15,700.82	2,698.43	2,498.73	199.70	13.512		
18,300.00	6,840.00	16,140.00	7,040.01	334.51	158.00	-175.14	1,504.19	-15,700.82	2,598.78	2,399.02	199.76	13.010		
18,400.00	6,840.00	16,140.00	7,040.01	337.20	158.00	-175.14	1,504.19	-15,700.82	2,499.15	2,299.34	199.81	12.508		
18,500.00	6,840.00	16,140.00	7,040.01	339.90	158.00	-175.14	1,504.19	-15,700.82	2,399.56	2,199.69	199.87	12.006		
18,600.00	6,840.00	16,152.22	7,039.94	342.60	158.21	-178.31	1,516.42	-15,700.79	2,299.95	2,100.76	199.19	11.546		
18,700.00	6,840.00	16,152.43	7,039.93	345.30	158.21	-178.37	1,516.63	-15,700.79	2,200.43	2,001.24	199.19	11.047		
18,800.00	6,840.00	16,152.65	7,039.93	348.00	158.21	-178.42	1,516.84	-15,700.79	2,100.95	1,901.78	199.17	10.548		
18,900.00	6,840.00	16,152.88	7,039.93	350.70	158.22	-178.48	1,517.07	-15,700.79	2,001.53	1,802.38	199.15	10.050		
19,000.00	6,840.00	16,153.11	7,039.93	353.39	158.22	-178.54	1,517.30	-15,700.79	1,902.17	1,703.04	199.13	9.552		
19,100.00	6,840.00	16,153.35	7,039.93	356.09	158.23	-178.61	1,517.54	-15,700.79	1,802.88	1,603.78	199.10	9.055		
19,200.00	6,840.00	16,153.60	7,039.93	358.79	158.23	-178.67	1,517.79	-15,700.79	1,703.67	1,504.60	199.06	8.558		
19,300.00	6,840.00	16,153.86	7,039.93	361.49	158.24	-178.74	1,518.05	-15,700.79	1,604.56	1,405.53	199.02	8.062		
19,400.00	6,840.00	16,154.13	7,039.93	364.20	158.24	-178.81	1,518.32	-15,700.79	1,505.56	1,306.59	198.98	7.567		
19,500.00	6,840.00	16,154.40	7,039.92	366.90	158.24	-178.88	1,518.60	-15,700.79	1,406.71	1,207.79	198.93	7.072		
19,600.00	6,840.00	16,154.69	7,039.92	369.60	158.25	-178.96	1,518.89	-15,700.79	1,308.04	1,109.16	198.87	6.577		
19,700.00	6,840.00	16,154.99	7,039.92	372.30	158.26	-179.03	1,519.19	-15,700.79	1,209.58	1,010.75	198.83	6.084		
19,800.00	6,840.00	16,155.31	7,039.92	375.00	158.26	-179.11	1,519.50	-15,700.79	1,111.39	912.60	198.79	5.591		
19,900.00	6,840.00	16,155.63	7,039.92	377.70	158.27	-179.20	1,519.82	-15,700.79	1,013.56	814.78	198.78	5.099		
20,000.00	6,840.00	16,155.97	7,039.92	380.40	158.27	-179.29	1,520.16	-15,700.79	916.20	717.38	198.82	4.608		
20,100.00	6,840.00	16,156.32	7,039.91	383.11	158.28	-179.38	1,520.51	-15,700.79	819.48	620.53	198.95	4.119		
20,200.00	6,840.00	16,156.69	7,039.91	385.81	158.28	-179.48	1,520.88	-15,700.79	723.64	524.40	199.24	3.632		
20,300.00	6,840.00	16,157.07	7,039.91	388.51	158.29	-179.58	1,521.27	-15,700.79	629.11	429.32	199.79	3.149		
20,400.00	6,840.00	16,157.47	7,039.91	391.22	158.30	-179.68	1,521.67	-15,700.79	536.56	335.82	200.74	2.673		
20,500.00	6,840.00	16,157.89	7,039.91	393.92	158.31	-179.79	1,522.09	-15,700.79	447.22	245.00	202.22	2.212		
20,539.70	6,840.00	16,158.07	7,039.91	394.99	158.31	-179.83	1,522.26	-15,700.79	413.12	210.18	202.94	2.036 CC, ES, SF		



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,400.00	4,136.23	4,002.23	4,002.23	29.01	68.89	-27.33	2,519.38	-10,914.15	9,979.02	9,890.59	88.43	112.841		
4,500.00	4,227.75	4,106.25	4,093.75	29.83	70.71	-27.44	2,519.38	-10,914.15	9,942.61	9,851.83	90.78	109.523		
4,600.00	4,319.27	4,185.27	4,185.27	30.66	72.09	-27.54	2,519.38	-10,914.15	9,906.22	9,813.53	92.69	106.873		
4,700.00	4,410.78	4,276.78	4,276.78	31.48	73.68	-27.65	2,519.38	-10,914.15	9,869.86	9,775.04	94.82	104.087		
4,800.00	4,502.30	4,368.30	4,368.30	32.31	75.28	-27.76	2,519.38	-10,914.15	9,833.53	9,736.58	96.96	101.422		
4,900.00	4,593.82	4,459.82	4,459.82	33.14	76.88	-27.86	2,519.38	-10,914.15	9,797.24	9,698.15	99.09	98.871		
5,000.00	4,685.34	4,551.34	4,551.34	33.96	78.48	-27.97	2,519.38	-10,914.15	9,760.98	9,659.75	101.23	96.425		
5,100.00	4,776.86	4,642.86	4,642.86	34.79	80.07	-28.08	2,519.38	-10,914.15	9,724.74	9,621.38	103.37	94.079		
5,200.00	4,868.38	4,734.38	4,734.38	35.62	81.67	-28.19	2,519.38	-10,914.15	9,688.54	9,583.03	105.51	91.827		
5,300.00	4,959.90	4,825.90	4,825.90	36.45	83.27	-28.30	2,519.38	-10,914.15	9,652.38	9,544.72	107.65	89.663		
5,400.00	5,051.41	4,917.41	4,917.41	37.27	84.87	-28.41	2,519.38	-10,914.15	9,616.24	9,506.44	109.80	87.583		
5,500.00	5,142.93	5,008.93	5,008.93	38.10	86.46	-28.53	2,519.38	-10,914.15	9,580.14	9,468.20	111.94	85.581		
5,600.00	5,234.45	5,100.45	5,100.45	38.93	88.06	-28.64	2,519.38	-10,914.15	9,544.07	9,429.98	114.09	83.653		
5,700.00	5,325.97	5,208.03	5,191.97	39.76	89.94	-28.75	2,519.38	-10,914.15	9,508.04	9,391.52	116.52	81.599		
5,800.00	5,417.49	5,283.49	5,283.49	40.59	91.25	-28.87	2,519.38	-10,914.15	9,472.04	9,353.64	118.39	80.004		
5,900.00	5,509.01	5,375.01	5,375.01	41.42	92.85	-28.99	2,519.38	-10,914.15	9,436.07	9,315.53	120.55	78.276		
6,000.00	5,600.53	5,466.53	5,466.53	42.25	94.45	-29.10	2,519.38	-10,914.15	9,400.14	9,277.44	122.70	76.608		
6,100.00	5,692.04	5,558.04	5,558.04	43.07	96.05	-29.22	2,519.38	-10,914.15	9,364.25	9,239.39	124.86	74.996		
6,200.00	5,783.56	5,649.56	5,649.56	43.90	97.64	-29.34	2,519.38	-10,914.15	9,328.39	9,201.37	127.02	73.438		
6,300.00	5,875.08	5,741.08	5,741.08	44.73	99.24	-29.46	2,519.38	-10,914.15	9,292.57	9,163.38	129.19	71.931		
6,400.00	5,966.60	5,832.60	5,832.60	45.56	100.84	-29.58	2,519.38	-10,914.15	9,256.79	9,125.44	131.35	70.474		
6,500.00	6,058.12	5,924.12	5,924.12	46.39	102.44	-29.70	2,519.38	-10,914.15	9,221.04	9,087.52	133.52	69.062		
6,600.00	6,149.64	6,015.64	6,015.64	47.22	104.03	-29.82	2,519.38	-10,914.15	9,185.33	9,049.64	135.69	67.695		
6,700.00	6,241.16	6,107.16	6,107.16	48.05	105.63	-29.94	2,519.38	-10,914.15	9,149.66	9,011.80	137.86	66.370		
6,800.00	6,332.68	6,201.32	6,198.68	48.88	107.27	-30.07	2,519.38	-10,914.15	9,114.03	8,973.95	140.08	65.064		
6,900.00	6,424.19	6,309.81	6,290.19	49.71	109.17	-30.19	2,519.38	-10,914.15	9,078.43	8,935.88	142.55	63.687		
7,000.00	6,514.88	6,380.88	6,380.88	50.58	110.41	-23.90	2,519.38	-10,914.15	9,040.67	8,896.31	144.37	62.622		
7,100.00	6,599.14	6,465.14	6,465.14	51.67	111.88	-15.86	2,519.38	-10,914.15	8,989.28	8,842.88	146.40	61.400		
7,200.00	6,673.85	6,539.85	6,539.85	53.01	113.18	-10.38	2,519.38	-10,914.15	8,923.96	8,775.75	148.21	60.211		
7,300.00	6,736.73	6,602.73	6,602.73	54.56	114.28	-5.61	2,519.38	-10,914.15	8,846.67	8,696.96	149.71	59.092		
7,400.00	6,785.87	6,651.87	6,651.87	56.29	115.14	0.18	2,519.38	-10,914.15	8,759.75	8,608.91	150.84	58.072		
7,500.00	6,819.79	6,685.79	6,685.79	58.13	115.73	10.98	2,519.38	-10,914.15	8,665.84	8,514.28	151.56	57.176		
7,600.00	6,837.44	6,703.44	6,703.44	60.02	116.04	45.83	2,519.38	-10,914.15	8,567.80	8,415.96	151.85	56.424		
7,700.00	6,840.00	6,706.00	6,706.00	61.90	116.08	90.00	2,519.38	-10,914.15	8,468.53	8,316.79	151.74	55.810		
7,800.00	6,840.00	6,706.00	6,706.00	63.83	116.08	90.00	2,519.38	-10,914.15	8,369.26	8,217.70	151.56	55.220		
7,900.00	6,840.00	6,706.00	6,706.00	65.81	116.08	90.00	2,519.38	-10,914.15	8,270.01	8,118.63	151.38	54.629		
8,000.00	6,840.00	6,706.00	6,706.00	67.84	116.08	90.00	2,519.38	-10,914.15	8,170.78	8,019.57	151.21	54.037		
8,100.00	6,840.00	6,706.00	6,706.00	69.91	116.08	90.00	2,519.38	-10,914.15	8,071.57	7,920.54	151.03	53.443		
8,200.00	6,840.00	6,706.00	6,706.00	72.03	116.08	90.00	2,519.38	-10,914.15	7,972.38	7,821.52	150.85	52.848		
8,300.00	6,840.00	6,706.00	6,706.00	74.18	116.08	90.00	2,519.38	-10,914.15	7,873.20	7,722.53	150.68	52.252		
8,400.00	6,840.00	6,706.00	6,706.00	76.37	116.08	90.00	2,519.38	-10,914.15	7,774.05	7,623.55	150.50	51.654		
8,500.00	6,840.00	6,706.00	6,706.00	78.59	116.08	90.00	2,519.38	-10,914.15	7,674.92	7,524.60	150.33	51.054		
8,600.00	6,840.00	6,706.00	6,706.00	80.85	116.08	90.00	2,519.38	-10,914.15	7,575.82	7,425.66	150.16	50.453		
8,700.00	6,840.00	6,706.00	6,706.00	83.13	116.08	90.00	2,519.38	-10,914.15	7,476.74	7,326.75	149.98	49.850		
8,800.00	6,840.00	6,706.00	6,706.00	85.44	116.08	90.00	2,519.38	-10,914.15	7,377.68	7,227.86	149.81	49.245		
8,900.00	6,840.00	6,706.00	6,706.00	87.77	116.08	90.00	2,519.38	-10,914.15	7,278.65	7,129.00	149.65	48.638		
9,000.00	6,840.00	6,706.00	6,706.00	90.12	116.08	90.00	2,519.38	-10,914.15	7,179.64	7,030.16	149.48	48.029		
9,100.00	6,840.00	6,706.00	6,706.00	92.50	116.08	90.00	2,519.38	-10,914.15	7,080.67	6,931.34	149.32	47.418		
9,200.00	6,840.00	6,706.00	6,706.00	94.89	116.08	90.00	2,519.38	-10,914.15	6,981.72	6,832.55	149.17	46.804		
9,300.00	6,840.00	6,706.00	6,706.00	97.30	116.08	90.00	2,519.38	-10,914.15	6,882.80	6,733.78	149.02	46.188		
9,400.00	6,840.00	6,706.00	6,706.00	99.73	116.08	90.00	2,519.38	-10,914.15	6,783.92	6,635.04	148.87	45.569		
9,500.00	6,840.00	6,706.00	6,706.00	102.17	116.08	90.00	2,519.38	-10,914.15	6,685.06	6,536.33	148.73	44.947		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,600.00	6,840.00	6,706.00	6,706.00	104.63	116.08	90.00	2,519.38	-10,914.15	6,586.25	6,437.64	148.60	44.321		
9,700.00	6,840.00	6,706.00	6,706.00	107.10	116.08	90.00	2,519.38	-10,914.15	6,487.47	6,338.99	148.48	43.693		
9,800.00	6,840.00	6,706.00	6,706.00	109.58	116.08	90.00	2,519.38	-10,914.15	6,388.72	6,240.36	148.37	43.061		
9,900.00	6,840.00	6,706.00	6,706.00	112.07	116.08	90.00	2,519.38	-10,914.15	6,290.02	6,141.76	148.26	42.425		
10,000.00	6,840.00	6,706.00	6,706.00	114.58	116.08	90.00	2,519.38	-10,914.15	6,191.36	6,043.18	148.17	41.785		
10,100.00	6,840.00	6,706.00	6,706.00	117.09	116.08	90.00	2,519.38	-10,914.15	6,092.74	5,944.64	148.09	41.141		
10,200.00	6,840.00	6,706.00	6,706.00	119.61	116.08	90.00	2,519.38	-10,914.15	5,994.17	5,846.13	148.03	40.493		
10,300.00	6,840.00	6,706.00	6,706.00	122.14	116.08	90.00	2,519.38	-10,914.15	5,895.64	5,747.65	147.99	39.839		
10,400.00	6,840.00	6,706.00	6,706.00	124.68	116.08	90.00	2,519.38	-10,914.15	5,797.17	5,649.21	147.96	39.181		
10,500.00	6,840.00	6,706.00	6,706.00	127.23	116.08	90.00	2,519.38	-10,914.15	5,698.75	5,550.79	147.95	38.517		
10,600.00	6,840.00	6,706.00	6,706.00	129.78	116.08	90.00	2,519.38	-10,914.15	5,600.38	5,452.41	147.97	37.848		
10,700.00	6,840.00	6,706.00	6,706.00	132.35	116.08	90.00	2,519.38	-10,914.15	5,502.07	5,354.06	148.01	37.173		
10,800.00	6,840.00	6,706.00	6,706.00	134.91	116.08	90.00	2,519.38	-10,914.15	5,403.83	5,255.75	148.08	36.492		
10,900.00	6,840.00	6,706.00	6,706.00	137.49	116.08	90.00	2,519.38	-10,914.15	5,305.65	5,157.47	148.19	35.804		
11,000.00	6,840.00	6,706.00	6,706.00	140.07	116.08	90.00	2,519.38	-10,914.15	5,207.54	5,059.22	148.32	35.109		
11,100.00	6,840.00	6,706.00	6,706.00	142.65	116.08	90.00	2,519.38	-10,914.15	5,109.51	4,961.01	148.50	34.408		
11,200.00	6,840.00	6,706.00	6,706.00	145.24	116.08	90.00	2,519.38	-10,914.15	5,011.55	4,862.84	148.71	33.700		
11,300.00	6,840.00	6,706.00	6,706.00	147.83	116.08	90.00	2,519.38	-10,914.15	4,913.67	4,764.70	148.97	32.984		
11,400.00	6,840.00	6,706.00	6,706.00	150.43	116.08	90.00	2,519.38	-10,914.15	4,815.89	4,666.60	149.28	32.260		
11,500.00	6,840.00	6,706.00	6,706.00	153.04	116.08	90.00	2,519.38	-10,914.15	4,718.19	4,568.54	149.65	31.529		
11,600.00	6,840.00	6,706.00	6,706.00	155.64	116.08	90.00	2,519.38	-10,914.15	4,620.59	4,470.53	150.07	30.790		
11,700.00	6,840.00	6,706.00	6,706.00	158.26	116.08	90.00	2,519.38	-10,914.15	4,523.10	4,372.55	150.55	30.043		
11,800.00	6,840.00	6,706.00	6,706.00	160.87	116.08	90.00	2,519.38	-10,914.15	4,425.72	4,274.62	151.10	29.289		
11,900.00	6,840.00	6,706.00	6,706.00	163.49	116.08	90.00	2,519.38	-10,914.15	4,328.46	4,176.73	151.73	28.527		
12,000.00	6,840.00	6,706.00	6,706.00	166.11	116.08	90.00	2,519.38	-10,914.15	4,231.33	4,078.89	152.44	27.758		
12,100.00	6,840.00	6,706.00	6,706.00	168.74	116.08	90.00	2,519.38	-10,914.15	4,134.33	3,981.11	153.23	26.982		
12,200.00	6,840.00	6,706.00	6,706.00	171.37	116.08	90.00	2,519.38	-10,914.15	4,037.48	3,883.37	154.11	26.199		
12,300.00	6,840.00	6,706.00	6,706.00	174.00	116.08	90.00	2,519.38	-10,914.15	3,940.79	3,785.70	155.09	25.410		
12,400.00	6,840.00	6,706.00	6,706.00	176.63	116.08	90.00	2,519.38	-10,914.15	3,844.27	3,688.09	156.17	24.616		
12,500.00	6,840.00	6,706.00	6,706.00	179.27	116.08	90.00	2,519.38	-10,914.15	3,747.93	3,590.56	157.37	23.816		
12,600.00	6,840.00	6,706.00	6,706.00	181.91	116.08	90.00	2,519.38	-10,914.15	3,651.78	3,493.09	158.69	23.012		
12,700.00	6,840.00	6,706.00	6,706.00	184.55	116.08	90.00	2,519.38	-10,914.15	3,555.85	3,395.71	160.14	22.205		
12,800.00	6,840.00	6,706.00	6,706.00	187.19	116.08	90.00	2,519.38	-10,914.15	3,460.15	3,298.43	161.72	21.396		
12,900.00	6,840.00	6,706.00	6,706.00	189.84	116.08	90.00	2,519.38	-10,914.15	3,364.70	3,201.24	163.45	20.585		
13,000.00	6,840.00	6,706.00	6,706.00	192.48	116.08	90.00	2,519.38	-10,914.15	3,269.52	3,104.17	165.35	19.774		
13,100.00	6,840.00	6,706.00	6,706.00	195.13	116.08	90.00	2,519.38	-10,914.15	3,174.64	3,007.23	167.41	18.963		
13,200.00	6,840.00	6,706.00	6,706.00	197.79	116.08	90.00	2,519.38	-10,914.15	3,080.08	2,910.43	169.65	18.155		
13,300.00	6,840.00	6,706.00	6,706.00	200.44	116.08	90.00	2,519.38	-10,914.15	2,985.87	2,813.78	172.09	17.350		
13,400.00	6,840.00	6,706.00	6,706.00	203.10	116.08	90.00	2,519.38	-10,914.15	2,892.06	2,717.31	174.75	16.550		
13,500.00	6,840.00	6,706.00	6,706.00	205.75	116.08	90.00	2,519.38	-10,914.15	2,798.67	2,621.04	177.63	15.756		
13,600.00	6,840.00	6,706.00	6,706.00	208.41	116.08	90.00	2,519.38	-10,914.15	2,705.76	2,525.00	180.76	14.969		
13,700.00	6,840.00	6,706.00	6,706.00	211.07	116.08	90.00	2,519.38	-10,914.15	2,613.37	2,429.21	184.16	14.191		
13,800.00	6,840.00	6,706.00	6,706.00	213.74	116.08	90.00	2,519.38	-10,914.15	2,521.56	2,333.71	187.84	13.424		
13,900.00	6,840.00	6,706.00	6,706.00	216.40	116.08	90.00	2,519.38	-10,914.15	2,430.40	2,238.55	191.85	12.668		
14,000.00	6,840.00	6,706.00	6,706.00	219.06	116.08	90.00	2,519.38	-10,914.15	2,339.95	2,143.76	196.20	11.926		
14,100.00	6,840.00	6,706.00	6,706.00	221.73	116.08	90.00	2,519.38	-10,914.15	2,250.32	2,049.40	200.92	11.200		
14,200.00	6,840.00	6,706.00	6,706.00	224.40	116.08	90.00	2,519.38	-10,914.15	2,161.60	1,955.54	206.06	10.490		
14,300.00	6,840.00	6,706.00	6,706.00	227.07	116.08	90.00	2,519.38	-10,914.15	2,073.90	1,862.26	211.64	9.799		
14,400.00	6,840.00	6,706.00	6,706.00	229.74	116.08	90.00	2,519.38	-10,914.15	1,987.37	1,769.65	217.72	9.128		
14,500.00	6,840.00	6,706.00	6,706.00	232.41	116.08	90.00	2,519.38	-10,914.15	1,902.16	1,677.83	224.32	8.480		
14,600.00	6,840.00	6,706.00	6,706.00	235.08	116.08	90.00	2,519.38	-10,914.15	1,818.45	1,586.95	231.50	7.855		
14,700.00	6,840.00	6,706.00	6,706.00	237.75	116.08	90.00	2,519.38	-10,914.15	1,736.47	1,497.16	239.31	7.256		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,800.00	6,840.00	6,706.00	6,706.00	240.43	116.08	90.00	2,519.38	-10,914.15	1,656.47	1,408.68	247.79	6.685		
14,900.00	6,840.00	6,706.00	6,706.00	243.10	116.08	90.00	2,519.38	-10,914.15	1,578.75	1,321.77	256.98	6.144		
15,000.00	6,840.00	6,706.00	6,706.00	245.78	116.08	90.00	2,519.38	-10,914.15	1,503.66	1,236.76	266.90	5.634		
15,100.00	6,840.00	6,706.00	6,706.00	248.46	116.08	90.00	2,519.38	-10,914.15	1,431.63	1,154.05	277.58	5.158		
15,200.00	6,840.00	6,706.00	6,706.00	251.14	116.08	90.00	2,519.38	-10,914.15	1,363.13	1,074.14	289.00	4.717		
15,300.00	6,840.00	6,706.00	6,706.00	253.82	116.08	90.00	2,519.38	-10,914.15	1,298.73	997.64	301.09	4.313		
15,400.00	6,840.00	6,706.00	6,706.00	256.50	116.08	90.00	2,519.38	-10,914.15	1,239.05	925.32	313.73	3.949		
15,500.00	6,840.00	6,706.00	6,706.00	259.18	116.08	90.00	2,519.38	-10,914.15	1,184.83	858.09	326.74	3.626		
15,600.00	6,840.00	6,706.00	6,706.00	261.86	116.08	90.00	2,519.38	-10,914.15	1,136.83	797.01	339.82	3.345		
15,700.00	6,840.00	6,706.00	6,706.00	264.54	116.08	90.00	2,519.38	-10,914.15	1,095.88	743.31	352.57	3.108		
15,800.00	6,840.00	6,706.00	6,706.00	267.23	116.08	90.00	2,519.38	-10,914.15	1,062.78	698.27	364.51	2.916		
15,900.00	6,840.00	6,706.00	6,706.00	269.91	116.08	90.00	2,519.38	-10,914.15	1,038.30	663.20	375.10	2.768		
16,000.00	6,840.00	6,706.00	6,706.00	272.59	116.08	90.00	2,519.38	-10,914.15	1,023.05	639.23	383.82	2.665		
16,100.00	6,840.00	6,706.00	6,706.00	275.28	116.08	90.00	2,519.38	-10,914.15	1,017.44	627.23	390.22	2.607		
16,107.19	6,840.00	6,706.00	6,706.00	275.47	116.08	90.00	2,519.38	-10,914.15	1,017.42	626.84	390.58	2.605 CC, ES		
16,200.00	6,840.00	6,706.00	6,706.00	277.97	116.08	90.00	2,519.38	-10,914.15	1,021.64	627.60	394.04	2.593 SF		
16,300.00	6,840.00	6,706.00	6,706.00	280.65	116.08	90.00	2,519.38	-10,914.15	1,035.53	640.28	395.24	2.620		
16,400.00	6,840.00	6,706.00	6,706.00	283.34	116.08	90.00	2,519.38	-10,914.15	1,058.72	664.73	393.99	2.687		
16,500.00	6,840.00	6,706.00	6,706.00	286.03	116.08	90.00	2,519.38	-10,914.15	1,090.62	700.00	390.61	2.792		
16,600.00	6,840.00	6,706.00	6,706.00	288.72	116.08	90.00	2,519.38	-10,914.15	1,130.49	744.94	385.55	2.932		
16,700.00	6,840.00	6,706.00	6,706.00	291.41	116.08	90.00	2,519.38	-10,914.15	1,177.53	798.27	379.25	3.105		
16,800.00	6,840.00	6,706.00	6,706.00	294.10	116.08	90.00	2,519.38	-10,914.15	1,230.91	858.76	372.14	3.308		
16,900.00	6,840.00	6,706.00	6,706.00	296.79	116.08	90.00	2,519.38	-10,914.15	1,289.84	925.26	364.58	3.538		
17,000.00	6,840.00	6,706.00	6,706.00	299.48	116.08	90.00	2,519.38	-10,914.15	1,353.61	996.77	356.84	3.793		
17,100.00	6,840.00	6,706.00	6,706.00	302.17	116.08	90.00	2,519.38	-10,914.15	1,421.55	1,072.43	349.13	4.072		
17,200.00	6,840.00	6,706.00	6,706.00	304.86	116.08	90.00	2,519.38	-10,914.15	1,493.11	1,151.52	341.59	4.371		
17,300.00	6,840.00	6,706.00	6,706.00	307.56	116.08	90.00	2,519.38	-10,914.15	1,567.78	1,233.45	334.34	4.689		
17,400.00	6,840.00	6,706.00	6,706.00	310.25	116.08	90.00	2,519.38	-10,914.15	1,645.15	1,317.74	327.41	5.025		
17,500.00	6,840.00	6,706.00	6,706.00	312.94	116.08	90.00	2,519.38	-10,914.15	1,724.84	1,403.99	320.84	5.376		
17,600.00	6,840.00	6,706.00	6,706.00	315.64	116.08	90.00	2,519.38	-10,914.15	1,806.55	1,491.90	314.65	5.741		
17,700.00	6,840.00	6,706.00	6,706.00	318.33	116.08	90.00	2,519.38	-10,914.15	1,890.02	1,581.19	308.83	6.120		
17,800.00	6,840.00	6,706.00	6,706.00	321.03	116.08	90.00	2,519.38	-10,914.15	1,975.03	1,671.66	303.37	6.510		
17,900.00	6,840.00	6,706.00	6,706.00	323.72	116.08	90.00	2,519.38	-10,914.15	2,061.39	1,763.13	298.26	6.911		
18,000.00	6,840.00	6,706.00	6,706.00	326.42	116.08	90.00	2,519.38	-10,914.15	2,148.92	1,855.46	293.47	7.323		
18,100.00	6,840.00	6,706.00	6,706.00	329.11	116.08	90.00	2,519.38	-10,914.15	2,237.51	1,948.53	288.98	7.743		
18,200.00	6,840.00	6,706.00	6,706.00	331.81	116.08	90.00	2,519.38	-10,914.15	2,327.02	2,042.24	284.78	8.171		
18,300.00	6,840.00	6,706.00	6,706.00	334.51	116.08	90.00	2,519.38	-10,914.15	2,417.35	2,136.50	280.84	8.607		
18,400.00	6,840.00	6,706.00	6,706.00	337.20	116.08	90.00	2,519.38	-10,914.15	2,508.41	2,231.26	277.15	9.051		
18,500.00	6,840.00	6,706.00	6,706.00	339.90	116.08	90.00	2,519.38	-10,914.15	2,600.13	2,326.44	273.69	9.500		
18,600.00	6,840.00	6,706.00	6,706.00	342.60	116.08	90.00	2,519.38	-10,914.15	2,692.44	2,422.00	270.44	9.956		
18,700.00	6,840.00	6,706.00	6,706.00	345.30	116.08	90.00	2,519.38	-10,914.15	2,785.28	2,517.90	267.38	10.417		
18,800.00	6,840.00	6,706.00	6,706.00	348.00	116.08	90.00	2,519.38	-10,914.15	2,878.61	2,614.10	264.50	10.883		
18,900.00	6,840.00	6,706.00	6,706.00	350.70	116.08	90.00	2,519.38	-10,914.15	2,972.36	2,710.57	261.79	11.354		
19,000.00	6,840.00	6,706.00	6,706.00	353.39	116.08	90.00	2,519.38	-10,914.15	3,066.51	2,807.28	259.24	11.829		
19,100.00	6,840.00	6,706.00	6,706.00	356.09	116.08	90.00	2,519.38	-10,914.15	3,161.02	2,904.20	256.82	12.308		
19,200.00	6,840.00	6,706.00	6,706.00	358.79	116.08	90.00	2,519.38	-10,914.15	3,255.86	3,001.32	254.54	12.791		
19,300.00	6,840.00	6,706.00	6,706.00	361.49	116.08	90.00	2,519.38	-10,914.15	3,351.00	3,098.61	252.38	13.277		
19,400.00	6,840.00	6,706.00	6,706.00	364.20	116.08	90.00	2,519.38	-10,914.15	3,446.41	3,196.07	250.34	13.767		
19,500.00	6,840.00	6,706.00	6,706.00	366.90	116.08	90.00	2,519.38	-10,914.15	3,542.08	3,293.68	248.40	14.259		
19,600.00	6,840.00	6,706.00	6,706.00	369.60	116.08	90.00	2,519.38	-10,914.15	3,637.98	3,391.41	246.56	14.755		
19,700.00	6,840.00	6,706.00	6,706.00	372.30	116.08	90.00	2,519.38	-10,914.15	3,734.09	3,489.27	244.82	15.253		
19,800.00	6,840.00	6,706.00	6,706.00	375.00	116.08	90.00	2,519.38	-10,914.15	3,830.40	3,587.25	243.16	15.753		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - EXIST VERT ANDERSON 41-27 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,900.00	6,840.00	6,706.00	6,706.00	377.70	116.08	90.00	2,519.38	-10,914.15	3,926.90	3,685.33	241.58	16.255	
20,000.00	6,840.00	6,706.00	6,706.00	380.40	116.08	90.00	2,519.38	-10,914.15	4,023.57	3,783.50	240.07	16.760	
20,100.00	6,840.00	6,706.00	6,706.00	383.11	116.08	90.00	2,519.38	-10,914.15	4,120.40	3,881.76	238.64	17.267	
20,200.00	6,840.00	6,706.00	6,706.00	385.81	116.08	90.00	2,519.38	-10,914.15	4,217.37	3,980.11	237.27	17.775	
20,300.00	6,840.00	6,706.00	6,706.00	388.51	116.08	90.00	2,519.38	-10,914.15	4,314.49	4,078.53	235.96	18.285	
20,400.00	6,840.00	6,706.00	6,706.00	391.22	116.08	90.00	2,519.38	-10,914.15	4,411.73	4,177.02	234.71	18.796	
20,500.00	6,840.00	6,706.00	6,706.00	393.92	116.08	90.00	2,519.38	-10,914.15	4,509.09	4,275.58	233.52	19.309	
20,539.70	6,840.00	6,706.00	6,706.00	394.99	116.08	90.00	2,519.38	-10,914.15	4,547.78	4,314.72	233.06	19.514	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,868.38	4,742.38	4,742.38	35.62	81.81	-47.08	-630.26	-11,220.22	9,995.73	9,885.27	110.45	90.497		
5,300.00	4,959.90	4,833.90	4,833.90	36.45	83.41	-47.25	-630.26	-11,220.22	9,967.04	9,854.30	112.74	88.406		
5,400.00	5,051.41	4,925.41	4,925.41	37.27	85.00	-47.41	-630.26	-11,220.22	9,938.44	9,823.41	115.03	86.396		
5,500.00	5,142.93	5,016.93	5,016.93	38.10	86.60	-47.57	-630.26	-11,220.22	9,909.92	9,792.59	117.33	84.464		
5,600.00	5,234.45	5,108.45	5,108.45	38.93	88.20	-47.74	-630.26	-11,220.22	9,881.48	9,761.86	119.62	82.605		
5,700.00	5,325.97	5,200.03	5,199.97	39.76	89.80	-47.90	-630.26	-11,220.22	9,853.13	9,731.20	121.92	80.814		
5,800.00	5,417.49	5,308.51	5,291.49	40.59	91.69	-48.07	-630.26	-11,220.22	9,824.85	9,700.33	124.52	78.901		
5,900.00	5,509.01	5,383.01	5,383.01	41.42	92.99	-48.24	-630.26	-11,220.22	9,796.66	9,670.14	126.53	77.427		
6,000.00	5,600.53	5,474.53	5,474.53	42.25	94.59	-48.40	-630.26	-11,220.22	9,768.56	9,639.73	128.84	75.822		
6,100.00	5,692.04	5,566.04	5,566.04	43.07	96.19	-48.57	-630.26	-11,220.22	9,740.54	9,609.40	131.15	74.273		
6,200.00	5,783.56	5,657.56	5,657.56	43.90	97.78	-48.74	-630.26	-11,220.22	9,712.61	9,579.15	133.46	72.777		
6,300.00	5,875.08	5,749.08	5,749.08	44.73	99.38	-48.91	-630.26	-11,220.22	9,684.77	9,548.99	135.77	71.331		
6,400.00	5,966.60	5,840.60	5,840.60	45.56	100.98	-49.09	-630.26	-11,220.22	9,657.01	9,518.92	138.09	69.932		
6,500.00	6,058.12	5,932.12	5,932.12	46.39	102.58	-49.26	-630.26	-11,220.22	9,629.34	9,488.93	140.41	68.580		
6,600.00	6,149.64	6,023.64	6,023.64	47.22	104.17	-49.43	-630.26	-11,220.22	9,601.76	9,459.03	142.73	67.270		
6,700.00	6,241.16	6,115.16	6,115.16	48.05	105.77	-49.61	-630.26	-11,220.22	9,574.28	9,429.22	145.06	66.002		
6,800.00	6,332.68	6,206.68	6,206.68	48.88	107.37	-49.78	-630.26	-11,220.22	9,546.88	9,399.49	147.39	64.773		
6,900.00	6,424.19	6,301.81	6,298.19	49.71	109.03	-49.96	-630.26	-11,220.22	9,519.57	9,369.79	149.78	63.555		
7,000.00	6,514.88	6,388.88	6,388.88	50.58	110.55	-44.40	-630.26	-11,220.22	9,490.12	9,338.07	152.05	62.413		
7,100.00	6,599.14	6,473.14	6,473.14	51.67	112.02	-38.41	-630.26	-11,220.22	9,466.78	9,292.44	154.34	61.207		
7,200.00	6,673.85	6,547.85	6,547.85	53.01	113.32	-36.28	-630.26	-11,220.22	9,389.02	9,232.51	156.51	59.992		
7,300.00	6,736.73	6,610.73	6,610.73	54.56	114.42	-37.03	-630.26	-11,220.22	9,318.60	9,160.13	158.46	58.806		
7,400.00	6,785.87	6,659.87	6,659.87	56.29	115.28	-41.01	-630.26	-11,220.22	9,237.65	9,077.50	160.15	57.681		
7,500.00	6,819.79	6,706.21	6,693.79	58.13	116.09	-50.33	-630.26	-11,220.22	9,148.62	8,986.90	161.72	56.572		
7,600.00	6,837.44	6,711.44	6,711.44	60.02	116.18	-70.84	-630.26	-11,220.22	9,054.20	8,891.73	162.47	55.730		
7,700.00	6,840.00	6,714.00	6,714.00	61.90	116.22	-90.00	-630.26	-11,220.22	8,957.28	8,794.22	163.06	54.931		
7,800.00	6,840.00	6,714.00	6,714.00	63.83	116.22	-90.00	-630.26	-11,220.22	8,860.19	8,696.58	163.61	54.154		
7,900.00	6,840.00	6,714.00	6,714.00	65.81	116.22	-90.00	-630.26	-11,220.22	8,763.16	8,598.99	164.17	53.377		
8,000.00	6,840.00	6,714.00	6,714.00	67.84	116.22	-90.00	-630.26	-11,220.22	8,666.21	8,501.45	164.76	52.600		
8,100.00	6,840.00	6,714.00	6,714.00	69.91	116.22	-90.00	-630.26	-11,220.22	8,569.32	8,403.96	165.36	51.823		
8,200.00	6,840.00	6,714.00	6,714.00	72.03	116.22	-90.00	-630.26	-11,220.22	8,472.51	8,306.53	165.98	51.045		
8,300.00	6,840.00	6,714.00	6,714.00	74.18	116.22	-90.00	-630.26	-11,220.22	8,375.77	8,209.15	166.62	50.268		
8,400.00	6,840.00	6,714.00	6,714.00	76.37	116.22	-90.00	-630.26	-11,220.22	8,279.10	8,111.82	167.28	49.491		
8,500.00	6,840.00	6,714.00	6,714.00	78.59	116.22	-90.00	-630.26	-11,220.22	8,182.52	8,014.56	167.97	48.715		
8,600.00	6,840.00	6,714.00	6,714.00	80.85	116.22	-90.00	-630.26	-11,220.22	8,086.02	7,917.35	168.67	47.939		
8,700.00	6,840.00	6,714.00	6,714.00	83.13	116.22	-90.00	-630.26	-11,220.22	7,989.61	7,820.21	169.40	47.163		
8,800.00	6,840.00	6,714.00	6,714.00	85.44	116.22	-90.00	-630.26	-11,220.22	7,893.29	7,723.13	170.15	46.389		
8,900.00	6,840.00	6,714.00	6,714.00	87.77	116.22	-90.00	-630.26	-11,220.22	7,797.06	7,626.13	170.93	45.615		
9,000.00	6,840.00	6,714.00	6,714.00	90.12	116.22	-90.00	-630.26	-11,220.22	7,700.92	7,529.19	171.73	44.842		
9,100.00	6,840.00	6,714.00	6,714.00	92.50	116.22	-90.00	-630.26	-11,220.22	7,604.89	7,432.33	172.56	44.071		
9,200.00	6,840.00	6,714.00	6,714.00	94.89	116.22	-90.00	-630.26	-11,220.22	7,508.96	7,335.54	173.42	43.300		
9,300.00	6,840.00	6,714.00	6,714.00	97.30	116.22	-90.00	-630.26	-11,220.22	7,413.13	7,238.83	174.30	42.531		
9,400.00	6,840.00	6,714.00	6,714.00	99.73	116.22	-90.00	-630.26	-11,220.22	7,317.42	7,142.21	175.21	41.764		
9,500.00	6,840.00	6,714.00	6,714.00	102.17	116.22	-90.00	-630.26	-11,220.22	7,221.82	7,045.67	176.15	40.998		
9,600.00	6,840.00	6,714.00	6,714.00	104.63	116.22	-90.00	-630.26	-11,220.22	7,126.35	6,949.22	177.12	40.234		
9,700.00	6,840.00	6,714.00	6,714.00	107.10	116.22	-90.00	-630.26	-11,220.22	7,031.00	6,852.87	178.13	39.472		
9,800.00	6,840.00	6,714.00	6,714.00	109.58	116.22	-90.00	-630.26	-11,220.22	6,935.78	6,756.62	179.16	38.712		
9,900.00	6,840.00	6,714.00	6,714.00	112.07	116.22	-90.00	-630.26	-11,220.22	6,840.70	6,660.46	180.24	37.954		
10,000.00	6,840.00	6,714.00	6,714.00	114.58	116.22	-90.00	-630.26	-11,220.22	6,745.76	6,564.42	181.34	37.199		
10,100.00	6,840.00	6,714.00	6,714.00	117.09	116.22	-90.00	-630.26	-11,220.22	6,650.97	6,468.48	182.49	36.446		
10,200.00	6,840.00	6,714.00	6,714.00	119.61	116.22	-90.00	-630.26	-11,220.22	6,556.33	6,372.66	183.67	35.697		
10,300.00	6,840.00	6,714.00	6,714.00	122.14	116.22	-90.00	-630.26	-11,220.22	6,461.85	6,276.97	184.89	34.950		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,714.00	6,714.00	124.68	116.22	-90.00	-630.26	-11,220.22	6,367.55	6,181.40	186.15	34.206		
10,500.00	6,840.00	6,714.00	6,714.00	127.23	116.22	-90.00	-630.26	-11,220.22	6,273.42	6,085.96	187.46	33.466		
10,600.00	6,840.00	6,714.00	6,714.00	129.78	116.22	-90.00	-630.26	-11,220.22	6,179.47	5,990.67	188.81	32.729		
10,700.00	6,840.00	6,714.00	6,714.00	132.35	116.22	-90.00	-630.26	-11,220.22	6,085.72	5,895.52	190.20	31.996		
10,800.00	6,840.00	6,714.00	6,714.00	134.91	116.22	-90.00	-630.26	-11,220.22	5,992.17	5,800.52	191.65	31.267		
10,900.00	6,840.00	6,714.00	6,714.00	137.49	116.22	-90.00	-630.26	-11,220.22	5,898.83	5,705.69	193.14	30.542		
11,000.00	6,840.00	6,714.00	6,714.00	140.07	116.22	-90.00	-630.26	-11,220.22	5,805.71	5,611.03	194.69	29.821		
11,100.00	6,840.00	6,714.00	6,714.00	142.65	116.22	-90.00	-630.26	-11,220.22	5,712.83	5,516.54	196.29	29.104		
11,200.00	6,840.00	6,714.00	6,714.00	145.24	116.22	-90.00	-630.26	-11,220.22	5,620.19	5,422.24	197.94	28.393		
11,300.00	6,840.00	6,714.00	6,714.00	147.83	116.22	-90.00	-630.26	-11,220.22	5,527.80	5,328.14	199.66	27.686		
11,400.00	6,840.00	6,714.00	6,714.00	150.43	116.22	-90.00	-630.26	-11,220.22	5,435.69	5,234.25	201.44	26.985		
11,500.00	6,840.00	6,714.00	6,714.00	153.04	116.22	-90.00	-630.26	-11,220.22	5,343.86	5,140.58	203.28	26.289		
11,600.00	6,840.00	6,714.00	6,714.00	155.64	116.22	-90.00	-630.26	-11,220.22	5,252.33	5,047.14	205.18	25.598		
11,700.00	6,840.00	6,714.00	6,714.00	158.26	116.22	-90.00	-630.26	-11,220.22	5,161.11	4,953.95	207.16	24.914		
11,800.00	6,840.00	6,714.00	6,714.00	160.87	116.22	-90.00	-630.26	-11,220.22	5,070.22	4,861.01	209.21	24.236		
11,900.00	6,840.00	6,714.00	6,714.00	163.49	116.22	-90.00	-630.26	-11,220.22	4,979.68	4,768.35	211.33	23.564		
12,000.00	6,840.00	6,714.00	6,714.00	166.11	116.22	-90.00	-630.26	-11,220.22	4,889.51	4,675.98	213.53	22.898		
12,100.00	6,840.00	6,714.00	6,714.00	168.74	116.22	-90.00	-630.26	-11,220.22	4,799.73	4,583.92	215.82	22.240		
12,200.00	6,840.00	6,714.00	6,714.00	171.37	116.22	-90.00	-630.26	-11,220.22	4,710.37	4,492.18	218.19	21.589		
12,300.00	6,840.00	6,714.00	6,714.00	174.00	116.22	-90.00	-630.26	-11,220.22	4,621.43	4,400.79	220.65	20.945		
12,400.00	6,840.00	6,714.00	6,714.00	176.63	116.22	-90.00	-630.26	-11,220.22	4,532.96	4,309.77	223.20	20.309		
12,500.00	6,840.00	6,714.00	6,714.00	179.27	116.22	-90.00	-630.26	-11,220.22	4,444.98	4,219.13	225.85	19.681		
12,600.00	6,840.00	6,714.00	6,714.00	181.91	116.22	-90.00	-630.26	-11,220.22	4,357.52	4,128.92	228.60	19.062		
12,700.00	6,840.00	6,714.00	6,714.00	184.55	116.22	-90.00	-630.26	-11,220.22	4,270.61	4,039.15	231.45	18.451		
12,800.00	6,840.00	6,714.00	6,714.00	187.19	116.22	-90.00	-630.26	-11,220.22	4,184.28	3,949.86	234.42	17.849		
12,900.00	6,840.00	6,714.00	6,714.00	189.84	116.22	-90.00	-630.26	-11,220.22	4,098.57	3,861.07	237.50	17.257		
13,000.00	6,840.00	6,714.00	6,714.00	192.48	116.22	-90.00	-630.26	-11,220.22	4,013.53	3,772.82	240.70	16.674		
13,100.00	6,840.00	6,714.00	6,714.00	195.13	116.22	-90.00	-630.26	-11,220.22	3,929.18	3,685.16	244.03	16.101		
13,200.00	6,840.00	6,714.00	6,714.00	197.79	116.22	-90.00	-630.26	-11,220.22	3,845.59	3,598.12	247.48	15.539		
13,300.00	6,840.00	6,714.00	6,714.00	200.44	116.22	-90.00	-630.26	-11,220.22	3,762.80	3,511.74	251.06	14.987		
13,400.00	6,840.00	6,714.00	6,714.00	203.10	116.22	-90.00	-630.26	-11,220.22	3,680.87	3,426.08	254.79	14.447		
13,500.00	6,840.00	6,714.00	6,714.00	205.75	116.22	-90.00	-630.26	-11,220.22	3,599.85	3,341.20	258.65	13.918		
13,600.00	6,840.00	6,714.00	6,714.00	208.41	116.22	-90.00	-630.26	-11,220.22	3,519.80	3,257.14	262.66	13.401		
13,700.00	6,840.00	6,714.00	6,714.00	211.07	116.22	-90.00	-630.26	-11,220.22	3,440.80	3,173.98	266.82	12.896		
13,800.00	6,840.00	6,714.00	6,714.00	213.74	116.22	-90.00	-630.26	-11,220.22	3,362.92	3,091.79	271.13	12.403		
13,900.00	6,840.00	6,714.00	6,714.00	216.40	116.22	-90.00	-630.26	-11,220.22	3,286.23	3,010.63	275.60	11.924		
14,000.00	6,840.00	6,714.00	6,714.00	219.06	116.22	-90.00	-630.26	-11,220.22	3,210.83	2,930.61	280.22	11.458		
14,100.00	6,840.00	6,714.00	6,714.00	221.73	116.22	-90.00	-630.26	-11,220.22	3,136.80	2,851.80	285.01	11.006		
14,200.00	6,840.00	6,714.00	6,714.00	224.40	116.22	-90.00	-630.26	-11,220.22	3,064.25	2,774.31	289.94	10.568		
14,300.00	6,840.00	6,714.00	6,714.00	227.07	116.22	-90.00	-630.26	-11,220.22	2,993.28	2,698.25	295.04	10.145		
14,400.00	6,840.00	6,714.00	6,714.00	229.74	116.22	-90.00	-630.26	-11,220.22	2,924.01	2,623.73	300.28	9.738		
14,500.00	6,840.00	6,714.00	6,714.00	232.41	116.22	-90.00	-630.26	-11,220.22	2,856.56	2,550.90	305.66	9.345		
14,600.00	6,840.00	6,714.00	6,714.00	235.08	116.22	-90.00	-630.26	-11,220.22	2,791.07	2,479.88	311.18	8.969		
14,700.00	6,840.00	6,714.00	6,714.00	237.75	116.22	-90.00	-630.26	-11,220.22	2,727.67	2,410.84	316.82	8.609		
14,800.00	6,840.00	6,714.00	6,714.00	240.43	116.22	-90.00	-630.26	-11,220.22	2,666.51	2,343.94	322.57	8.266		
14,900.00	6,840.00	6,714.00	6,714.00	243.10	116.22	-90.00	-630.26	-11,220.22	2,607.75	2,279.35	328.40	7.941		
15,000.00	6,840.00	6,714.00	6,714.00	245.78	116.22	-90.00	-630.26	-11,220.22	2,551.56	2,217.28	334.29	7.633		
15,100.00	6,840.00	6,714.00	6,714.00	248.46	116.22	-90.00	-630.26	-11,220.22	2,498.12	2,157.91	340.21	7.343		
15,200.00	6,840.00	6,714.00	6,714.00	251.14	116.22	-90.00	-630.26	-11,220.22	2,447.59	2,101.47	346.12	7.072		
15,300.00	6,840.00	6,714.00	6,714.00	253.82	116.22	-90.00	-630.26	-11,220.22	2,400.16	2,048.18	351.99	6.819		
15,400.00	6,840.00	6,714.00	6,714.00	256.50	116.22	-90.00	-630.26	-11,220.22	2,356.03	1,998.27	357.76	6.585		
15,500.00	6,840.00	6,714.00	6,714.00	259.18	116.22	-90.00	-630.26	-11,220.22	2,315.38	1,951.98	363.40	6.371		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT HORN-LIBSACK 1 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	6,714.00	6,714.00	261.86	116.22	-90.00	-630.26	-11,220.22	2,278.40	1,909.56	368.84	6.177		
15,700.00	6,840.00	6,714.00	6,714.00	264.54	116.22	-90.00	-630.26	-11,220.22	2,245.26	1,871.23	374.03	6.003		
15,800.00	6,840.00	6,714.00	6,714.00	267.23	116.22	-90.00	-630.26	-11,220.22	2,216.15	1,837.24	378.91	5.849		
15,900.00	6,840.00	6,714.00	6,714.00	269.91	116.22	-90.00	-630.26	-11,220.22	2,191.21	1,807.80	383.42	5.715		
16,000.00	6,840.00	6,714.00	6,714.00	272.59	116.22	-90.00	-630.26	-11,220.22	2,170.60	1,783.11	387.50	5.602		
16,100.00	6,840.00	6,714.00	6,714.00	275.28	116.22	-90.00	-630.26	-11,220.22	2,154.44	1,763.34	391.10	5.509		
16,200.00	6,840.00	6,714.00	6,714.00	277.97	116.22	-90.00	-630.26	-11,220.22	2,142.83	1,748.66	394.18	5.436		
16,300.00	6,840.00	6,714.00	6,714.00	280.65	116.22	-90.00	-630.26	-11,220.22	2,135.85	1,739.16	396.69	5.384		
16,399.48	6,840.00	6,714.00	6,714.00	283.33	116.22	-90.00	-630.26	-11,220.22	2,133.53	1,734.92	398.60	5.353 CC		
16,400.00	6,840.00	6,714.00	6,714.00	283.34	116.22	-90.00	-630.26	-11,220.22	2,133.53	1,734.92	398.61	5.352 ES		
16,500.00	6,840.00	6,714.00	6,714.00	286.03	116.22	-90.00	-630.26	-11,220.22	2,135.89	1,735.97	399.92	5.341 SF		
16,600.00	6,840.00	6,714.00	6,714.00	288.72	116.22	-90.00	-630.26	-11,220.22	2,142.93	1,742.31	400.62	5.349		
16,700.00	6,840.00	6,714.00	6,714.00	291.41	116.22	-90.00	-630.26	-11,220.22	2,154.59	1,753.87	400.72	5.377		
16,800.00	6,840.00	6,714.00	6,714.00	294.10	116.22	-90.00	-630.26	-11,220.22	2,170.80	1,770.57	400.23	5.424		
16,900.00	6,840.00	6,714.00	6,714.00	296.79	116.22	-90.00	-630.26	-11,220.22	2,191.45	1,792.28	399.18	5.490		
17,000.00	6,840.00	6,714.00	6,714.00	299.48	116.22	-90.00	-630.26	-11,220.22	2,216.43	1,818.83	397.60	5.574		
17,100.00	6,840.00	6,714.00	6,714.00	302.17	116.22	-90.00	-630.26	-11,220.22	2,245.59	1,850.03	395.56	5.677		
17,200.00	6,840.00	6,714.00	6,714.00	304.86	116.22	-90.00	-630.26	-11,220.22	2,278.77	1,885.68	393.09	5.797		
17,300.00	6,840.00	6,714.00	6,714.00	307.56	116.22	-90.00	-630.26	-11,220.22	2,315.79	1,925.55	390.24	5.934		
17,400.00	6,840.00	6,714.00	6,714.00	310.25	116.22	-90.00	-630.26	-11,220.22	2,356.48	1,969.41	387.07	6.088		
17,500.00	6,840.00	6,714.00	6,714.00	312.94	116.22	-90.00	-630.26	-11,220.22	2,400.64	2,017.02	383.63	6.258		
17,600.00	6,840.00	6,714.00	6,714.00	315.64	116.22	-90.00	-630.26	-11,220.22	2,448.10	2,068.14	379.96	6.443		
17,700.00	6,840.00	6,714.00	6,714.00	318.33	116.22	-90.00	-630.26	-11,220.22	2,498.66	2,122.53	376.13	6.643		
17,800.00	6,840.00	6,714.00	6,714.00	321.03	116.22	-90.00	-630.26	-11,220.22	2,552.14	2,179.98	372.16	6.858		
17,900.00	6,840.00	6,714.00	6,714.00	323.72	116.22	-90.00	-630.26	-11,220.22	2,608.35	2,240.26	368.09	7.086		
18,000.00	6,840.00	6,714.00	6,714.00	326.42	116.22	-90.00	-630.26	-11,220.22	2,667.14	2,303.17	363.97	7.328		
18,100.00	6,840.00	6,714.00	6,714.00	329.11	116.22	-90.00	-630.26	-11,220.22	2,728.32	2,368.50	359.82	7.582		
18,200.00	6,840.00	6,714.00	6,714.00	331.81	116.22	-90.00	-630.26	-11,220.22	2,791.74	2,436.08	355.66	7.849		
18,300.00	6,840.00	6,714.00	6,714.00	334.51	116.22	-90.00	-630.26	-11,220.22	2,857.26	2,505.73	351.53	8.128		
18,400.00	6,840.00	6,714.00	6,714.00	337.20	116.22	-90.00	-630.26	-11,220.22	2,924.73	2,577.29	347.43	8.418		
18,500.00	6,840.00	6,714.00	6,714.00	339.90	116.22	-90.00	-630.26	-11,220.22	2,994.02	2,650.62	343.39	8.719		
18,600.00	6,840.00	6,714.00	6,714.00	342.60	116.22	-90.00	-630.26	-11,220.22	3,065.00	2,725.59	339.42	9.030		
18,700.00	6,840.00	6,714.00	6,714.00	345.30	116.22	-90.00	-630.26	-11,220.22	3,137.57	2,802.05	335.52	9.351		
18,800.00	6,840.00	6,714.00	6,714.00	348.00	116.22	-90.00	-630.26	-11,220.22	3,211.61	2,879.91	331.70	9.682		
18,900.00	6,840.00	6,714.00	6,714.00	350.70	116.22	-90.00	-630.26	-11,220.22	3,287.03	2,959.05	327.98	10.022		
19,000.00	6,840.00	6,714.00	6,714.00	353.39	116.22	-90.00	-630.26	-11,220.22	3,363.73	3,039.38	324.35	10.371		
19,100.00	6,840.00	6,714.00	6,714.00	356.09	116.22	-90.00	-630.26	-11,220.22	3,441.62	3,120.81	320.81	10.728		
19,200.00	6,840.00	6,714.00	6,714.00	358.79	116.22	-90.00	-630.26	-11,220.22	3,520.63	3,203.26	317.38	11.093		
19,300.00	6,840.00	6,714.00	6,714.00	361.49	116.22	-90.00	-630.26	-11,220.22	3,600.69	3,286.65	314.04	11.466		
19,400.00	6,840.00	6,714.00	6,714.00	364.20	116.22	-90.00	-630.26	-11,220.22	3,681.72	3,370.92	310.80	11.846		
19,500.00	6,840.00	6,714.00	6,714.00	366.90	116.22	-90.00	-630.26	-11,220.22	3,763.67	3,456.00	307.66	12.233		
19,600.00	6,840.00	6,714.00	6,714.00	369.60	116.22	-90.00	-630.26	-11,220.22	3,846.46	3,541.84	304.62	12.627		
19,700.00	6,840.00	6,714.00	6,714.00	372.30	116.22	-90.00	-630.26	-11,220.22	3,930.06	3,628.39	301.68	13.027		
19,800.00	6,840.00	6,714.00	6,714.00	375.00	116.22	-90.00	-630.26	-11,220.22	4,014.41	3,715.59	298.83	13.434		
19,900.00	6,840.00	6,714.00	6,714.00	377.70	116.22	-90.00	-630.26	-11,220.22	4,099.46	3,803.40	296.07	13.846		
20,000.00	6,840.00	6,714.00	6,714.00	380.40	116.22	-90.00	-630.26	-11,220.22	4,185.18	3,891.78	293.40	14.265		
20,100.00	6,840.00	6,714.00	6,714.00	383.11	116.22	-90.00	-630.26	-11,220.22	4,271.51	3,980.70	290.81	14.688		
20,200.00	6,840.00	6,714.00	6,714.00	385.81	116.22	-90.00	-630.26	-11,220.22	4,358.43	4,070.12	288.31	15.117		
20,300.00	6,840.00	6,714.00	6,714.00	388.51	116.22	-90.00	-630.26	-11,220.22	4,445.90	4,160.01	285.89	15.551		
20,400.00	6,840.00	6,714.00	6,714.00	391.22	116.22	-90.00	-630.26	-11,220.22	4,533.89	4,250.33	283.55	15.989		
20,500.00	6,840.00	6,714.00	6,714.00	393.92	116.22	-90.00	-630.26	-11,220.22	4,622.36	4,341.07	281.29	16.433		
20,539.70	6,840.00	6,714.00	6,714.00	394.99	116.22	-90.00	-630.26	-11,220.22	4,657.61	4,377.20	280.41	16.610		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,000.00	6,840.00	6,659.89	6,659.13	114.58	1.66	-87.36	-498.46	-14,611.97	9,997.70	9,940.70	57.00	175.393		
10,100.00	6,840.00	6,660.35	6,659.59	117.09	1.66	-87.38	-498.46	-14,611.97	9,899.78	9,842.15	57.63	171.795		
10,200.00	6,840.00	6,660.82	6,660.05	119.61	1.66	-87.39	-498.47	-14,611.97	9,801.90	9,743.64	58.27	168.230		
10,300.00	6,840.00	6,661.29	6,660.52	122.14	1.66	-87.40	-498.47	-14,611.98	9,704.07	9,645.15	58.92	164.698		
10,400.00	6,840.00	6,661.76	6,661.00	124.68	1.66	-87.42	-498.47	-14,611.98	9,606.28	9,546.68	59.59	161.200		
10,500.00	6,840.00	6,662.24	6,661.48	127.23	1.66	-87.43	-498.48	-14,611.99	9,508.53	9,448.25	60.28	157.736		
10,600.00	6,840.00	6,662.72	6,661.96	129.78	1.66	-87.44	-498.48	-14,611.99	9,410.84	9,349.85	60.99	154.308		
10,700.00	6,840.00	6,663.21	6,662.44	132.35	1.66	-87.46	-498.49	-14,611.99	9,313.19	9,251.48	61.71	150.915		
10,800.00	6,840.00	6,663.70	6,662.93	134.91	1.66	-87.47	-498.49	-14,612.00	9,215.59	9,153.14	62.45	147.558		
10,900.00	6,840.00	6,664.19	6,663.43	137.49	1.66	-87.49	-498.50	-14,612.00	9,118.04	9,054.83	63.22	144.238		
11,000.00	6,840.00	6,664.69	6,663.93	140.07	1.66	-87.50	-498.50	-14,612.01	9,020.55	8,956.56	64.00	140.954		
11,100.00	6,840.00	6,665.19	6,664.43	142.65	1.66	-87.51	-498.51	-14,612.01	8,923.12	8,858.32	64.80	137.708		
11,200.00	6,840.00	6,665.70	6,664.93	145.24	1.66	-87.53	-498.51	-14,612.01	8,825.74	8,760.12	65.62	134.499		
11,300.00	6,840.00	6,666.21	6,665.45	147.83	1.66	-87.54	-498.51	-14,612.02	8,728.42	8,661.96	66.46	131.328		
11,400.00	6,840.00	6,666.73	6,665.96	150.43	1.66	-87.56	-498.52	-14,612.02	8,631.16	8,563.83	67.33	128.196		
11,500.00	6,840.00	6,667.25	6,666.48	153.04	1.66	-87.57	-498.52	-14,612.03	8,533.97	8,465.75	68.22	125.103		
11,600.00	6,840.00	6,667.77	6,667.01	155.64	1.66	-87.59	-498.53	-14,612.03	8,436.84	8,367.71	69.13	122.048		
11,700.00	6,840.00	6,668.30	6,667.54	158.26	1.66	-87.60	-498.53	-14,612.03	8,339.77	8,269.71	70.06	119.033		
11,800.00	6,840.00	6,668.84	6,668.07	160.87	1.66	-87.62	-498.54	-14,612.04	8,242.78	8,171.76	71.02	116.058		
11,900.00	6,840.00	6,669.38	6,668.61	163.49	1.66	-87.63	-498.54	-14,612.04	8,145.86	8,073.85	72.01	113.122		
12,000.00	6,840.00	6,669.92	6,669.15	166.11	1.66	-87.65	-498.55	-14,612.05	8,049.02	7,976.00	73.02	110.227		
12,100.00	6,840.00	6,670.47	6,669.70	168.74	1.66	-87.66	-498.55	-14,612.05	7,952.25	7,878.19	74.06	107.372		
12,200.00	6,840.00	6,671.02	6,670.26	171.37	1.66	-87.68	-498.56	-14,612.06	7,855.57	7,780.44	75.13	104.557		
12,300.00	6,840.00	6,671.58	6,670.82	174.00	1.66	-87.69	-498.56	-14,612.06	7,758.97	7,682.74	76.23	101.783		
12,400.00	6,840.00	6,672.15	6,671.38	176.63	1.66	-87.71	-498.57	-14,612.07	7,662.46	7,585.10	77.36	99.051		
12,500.00	6,840.00	6,672.72	6,671.95	179.27	1.66	-87.73	-498.57	-14,612.07	7,566.03	7,487.51	78.52	96.359		
12,600.00	6,840.00	6,673.29	6,672.52	181.91	1.66	-87.74	-498.58	-14,612.08	7,469.70	7,389.99	79.71	93.708		
12,700.00	6,840.00	6,673.87	6,673.10	184.55	1.66	-87.76	-498.58	-14,612.08	7,373.47	7,292.53	80.94	91.099		
12,800.00	6,840.00	6,674.45	6,673.69	187.19	1.66	-87.78	-498.59	-14,612.09	7,277.34	7,195.14	82.20	88.531		
12,900.00	6,840.00	6,675.05	6,674.28	189.84	1.66	-87.79	-498.59	-14,612.09	7,181.32	7,097.82	83.50	86.005		
13,000.00	6,840.00	6,675.64	6,674.88	192.48	1.66	-87.81	-498.60	-14,612.10	7,085.41	7,000.57	84.84	83.520		
13,100.00	6,840.00	6,676.24	6,675.48	195.13	1.66	-87.83	-498.61	-14,612.10	6,989.61	6,903.40	86.21	81.076		
13,200.00	6,840.00	6,676.85	6,676.09	197.79	1.66	-87.84	-498.61	-14,612.11	6,893.93	6,806.30	87.63	78.675		
13,300.00	6,840.00	6,677.46	6,676.70	200.44	1.66	-87.86	-498.62	-14,612.11	6,798.37	6,709.29	89.08	76.315		
13,400.00	6,840.00	6,678.08	6,677.32	203.10	1.66	-87.88	-498.62	-14,612.12	6,702.94	6,612.36	90.58	73.997		
13,500.00	6,840.00	6,678.71	6,677.94	205.75	1.66	-87.90	-498.63	-14,612.12	6,607.65	6,515.52	92.13	71.720		
13,600.00	6,840.00	6,679.34	6,678.57	208.41	1.66	-87.91	-498.63	-14,612.13	6,512.50	6,418.78	93.72	69.486		
13,700.00	6,840.00	6,679.98	6,679.21	211.07	1.66	-87.93	-498.64	-14,612.13	6,417.50	6,322.13	95.37	67.292		
13,800.00	6,840.00	6,680.62	6,679.86	213.74	1.66	-87.95	-498.65	-14,612.14	6,322.65	6,225.59	97.06	65.141		
13,900.00	6,840.00	6,681.27	6,680.51	216.40	1.66	-87.97	-498.65	-14,612.15	6,227.96	6,129.15	98.81	63.031		
14,000.00	6,840.00	6,681.93	6,681.16	219.06	1.66	-87.99	-498.66	-14,612.15	6,133.44	6,032.83	100.61	60.962		
14,100.00	6,840.00	6,682.59	6,681.82	221.73	1.66	-88.01	-498.66	-14,612.16	6,039.10	5,936.63	102.47	58.935		
14,200.00	6,840.00	6,683.26	6,682.49	224.40	1.66	-88.03	-498.67	-14,612.16	5,944.94	5,840.55	104.39	56.949		
14,300.00	6,840.00	6,683.94	6,683.17	227.07	1.66	-88.05	-498.67	-14,612.17	5,850.98	5,744.60	106.37	55.004		
14,400.00	6,840.00	6,684.62	6,683.85	229.74	1.66	-88.06	-498.68	-14,612.18	5,757.22	5,648.80	108.42	53.101		
14,500.00	6,840.00	6,685.31	6,684.54	232.41	1.66	-88.08	-498.69	-14,612.18	5,663.67	5,553.13	110.54	51.238		
14,600.00	6,840.00	6,686.01	6,685.24	235.08	1.66	-88.10	-498.69	-14,612.19	5,570.35	5,457.62	112.72	49.416		
14,700.00	6,840.00	6,686.71	6,685.94	237.75	1.66	-88.12	-498.70	-14,612.20	5,477.26	5,362.27	114.98	47.635		
14,800.00	6,840.00	6,687.42	6,686.65	240.43	1.66	-88.14	-498.71	-14,612.20	5,384.42	5,267.10	117.32	45.895		
14,900.00	6,840.00	6,688.14	6,687.37	243.10	1.66	-88.16	-498.71	-14,612.21	5,291.84	5,172.10	119.74	44.195		
15,000.00	6,840.00	6,688.87	6,688.10	245.78	1.66	-88.19	-498.72	-14,612.22	5,199.53	5,077.29	122.24	42.535		
15,100.00	6,840.00	6,689.60	6,688.83	248.46	1.66	-88.21	-498.73	-14,612.22	5,107.52	4,982.69	124.83	40.915		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,200.00	6,840.00	6,690.34	6,689.57	251.14	1.66	-88.23	-498.73	-14,612.23	5,015.81	4,888.29	127.52	39.335		
15,300.00	6,840.00	6,691.09	6,690.32	253.82	1.66	-88.25	-498.74	-14,612.24	4,924.42	4,794.13	130.29	37.795		
15,400.00	6,840.00	6,691.85	6,691.08	256.50	1.66	-88.27	-498.75	-14,612.25	4,833.38	4,700.20	133.17	36.294		
15,500.00	6,840.00	6,692.61	6,691.84	259.18	1.66	-88.29	-498.75	-14,612.25	4,742.69	4,606.53	136.16	34.832		
15,600.00	6,840.00	6,693.39	6,692.62	261.86	1.66	-88.31	-498.76	-14,612.26	4,652.39	4,513.13	139.25	33.409		
15,700.00	6,840.00	6,694.17	6,693.40	264.54	1.66	-88.34	-498.77	-14,612.27	4,562.49	4,420.02	142.46	32.026		
15,800.00	6,840.00	6,694.96	6,694.19	267.23	1.66	-88.36	-498.77	-14,612.28	4,473.02	4,327.22	145.79	30.680		
15,900.00	6,840.00	6,695.76	6,694.99	269.91	1.66	-88.38	-498.78	-14,612.28	4,384.00	4,234.75	149.25	29.373		
16,000.00	6,840.00	6,696.56	6,695.80	272.59	1.66	-88.40	-498.79	-14,612.29	4,295.47	4,142.63	152.84	28.105		
16,100.00	6,840.00	6,697.38	6,696.61	275.28	1.66	-88.43	-498.79	-14,612.30	4,207.45	4,050.88	156.56	26.874		
16,200.00	6,840.00	6,698.20	6,697.44	277.97	1.66	-88.45	-498.80	-14,612.31	4,119.97	3,959.54	160.43	25.680		
16,300.00	6,840.00	6,699.04	6,698.27	280.65	1.66	-88.47	-498.81	-14,612.32	4,033.08	3,868.63	164.45	24.525		
16,400.00	6,840.00	6,700.00	6,699.23	283.34	1.66	-88.50	-498.82	-14,612.33	3,946.81	3,778.19	168.63	23.406		
16,500.00	6,840.00	6,700.74	6,699.97	286.03	1.66	-88.52	-498.82	-14,612.34	3,861.21	3,688.24	172.96	22.324		
16,600.00	6,840.00	6,701.62	6,700.85	288.72	1.66	-88.55	-498.83	-14,612.35	3,776.31	3,598.83	177.47	21.278		
16,700.00	6,840.00	6,702.53	6,701.76	291.41	1.67	-88.57	-498.84	-14,612.35	3,692.16	3,510.01	182.16	20.269		
16,800.00	6,840.00	6,703.45	6,702.68	294.10	1.67	-88.60	-498.85	-14,612.36	3,608.83	3,421.80	187.02	19.296		
16,900.00	6,840.00	6,704.40	6,703.64	296.79	1.67	-88.63	-498.86	-14,612.38	3,526.36	3,334.28	192.08	18.359		
17,000.00	6,840.00	6,705.38	6,704.61	299.48	1.67	-88.65	-498.86	-14,612.39	3,444.82	3,247.48	197.33	17.457		
17,100.00	6,840.00	6,706.38	6,705.61	302.17	1.67	-88.68	-498.87	-14,612.40	3,364.27	3,161.48	202.79	16.590		
17,200.00	6,840.00	6,707.41	6,706.64	304.86	1.67	-88.71	-498.88	-14,612.41	3,284.79	3,076.35	208.45	15.758		
17,300.00	6,840.00	6,708.47	6,707.70	307.56	1.67	-88.74	-498.89	-14,612.42	3,206.47	2,992.15	214.32	14.961		
17,400.00	6,840.00	6,709.56	6,708.79	310.25	1.67	-88.77	-498.90	-14,612.43	3,129.37	2,908.97	220.41	14.198		
17,500.00	6,840.00	6,710.68	6,709.91	312.94	1.67	-88.80	-498.90	-14,612.45	3,053.61	2,826.90	226.71	13.469		
17,600.00	6,840.00	6,711.83	6,711.06	315.64	1.67	-88.84	-498.91	-14,612.46	2,979.28	2,746.05	233.23	12.774		
17,700.00	6,840.00	6,713.01	6,712.24	318.33	1.67	-88.87	-498.92	-14,612.48	2,906.48	2,666.51	239.97	12.112		
17,800.00	6,840.00	6,714.23	6,713.46	321.03	1.67	-88.91	-498.93	-14,612.49	2,835.34	2,588.43	246.91	11.483		
17,900.00	6,840.00	6,715.49	6,714.72	323.72	1.67	-88.94	-498.94	-14,612.51	2,765.99	2,511.93	254.06	10.887		
18,000.00	6,840.00	6,716.78	6,716.02	326.42	1.67	-88.98	-498.95	-14,612.52	2,698.56	2,437.17	261.40	10.324		
18,100.00	6,840.00	6,718.12	6,717.35	329.11	1.67	-89.02	-498.95	-14,612.54	2,633.21	2,364.30	268.91	9.792		
18,200.00	6,840.00	6,719.50	6,718.73	331.81	1.67	-89.05	-498.96	-14,612.56	2,570.08	2,293.50	276.58	9.292		
18,300.00	6,840.00	6,720.92	6,720.15	334.51	1.67	-89.10	-498.97	-14,612.58	2,509.35	2,224.98	284.37	8.824		
18,400.00	6,840.00	6,722.39	6,721.62	337.20	1.67	-89.14	-498.98	-14,612.60	2,451.20	2,158.95	292.25	8.387		
18,500.00	6,840.00	6,723.90	6,723.13	339.90	1.67	-89.18	-498.99	-14,612.62	2,395.81	2,095.63	300.17	7.981		
18,600.00	6,840.00	6,725.47	6,724.70	342.60	1.67	-89.22	-499.00	-14,612.64	2,343.37	2,035.28	308.10	7.606		
18,700.00	6,840.00	6,727.09	6,726.32	345.30	1.67	-89.27	-499.00	-14,612.66	2,294.10	1,978.14	315.96	7.261		
18,800.00	6,840.00	6,728.77	6,728.00	348.00	1.67	-89.32	-499.01	-14,612.69	2,248.20	1,924.51	323.69	6.945		
18,900.00	6,840.00	6,730.51	6,729.73	350.70	1.67	-89.37	-499.02	-14,612.71	2,205.88	1,874.66	331.22	6.660		
19,000.00	6,840.00	6,732.30	6,731.53	353.39	1.67	-89.42	-499.03	-14,612.74	2,167.35	1,828.88	338.47	6.403		
19,100.00	6,840.00	6,734.17	6,733.40	356.09	1.67	-89.47	-499.03	-14,612.77	2,132.81	1,787.47	345.34	6.176		
19,200.00	6,840.00	6,736.11	6,735.33	358.79	1.67	-89.53	-499.04	-14,612.80	2,102.47	1,750.72	351.75	5.977		
19,300.00	6,840.00	6,738.12	6,737.34	361.49	1.67	-89.58	-499.05	-14,612.83	2,076.50	1,718.89	357.61	5.807		
19,400.00	6,840.00	6,740.20	6,739.43	364.20	1.67	-89.64	-499.06	-14,612.86	2,055.07	1,692.25	362.83	5.664		
19,500.00	6,840.00	6,742.37	6,741.60	366.90	1.67	-89.70	-499.06	-14,612.90	2,038.33	1,671.01	367.32	5.549		
19,600.00	6,840.00	6,744.63	6,743.86	369.60	1.67	-89.77	-499.07	-14,612.94	2,026.39	1,655.36	371.03	5.462		
19,700.00	6,840.00	6,746.98	6,746.21	372.30	1.67	-89.84	-499.07	-14,612.98	2,019.33	1,645.45	373.88	5.401		
19,792.82	6,840.00	6,749.26	6,748.48	374.81	1.67	-89.90	-499.08	-14,613.02	2,017.20	1,641.46	375.74	5.369 CC		
19,800.00	6,840.00	6,749.43	6,748.66	375.00	1.67	-89.91	-499.08	-14,613.02	2,017.21	1,641.36	375.85	5.367 ES		
19,900.00	6,840.00	6,751.99	6,751.22	377.70	1.67	-89.98	-499.08	-14,613.07	2,020.04	1,643.13	376.91	5.359 SF		
20,000.00	6,840.00	6,754.66	6,753.89	380.40	1.67	-90.05	-499.08	-14,613.12	2,027.80	1,650.73	377.07	5.378		
20,100.00	6,840.00	6,757.45	6,756.67	383.11	1.67	-90.13	-499.09	-14,613.17	2,040.44	1,664.10	376.34	5.422		
20,200.00	6,840.00	6,760.37	6,759.59	385.81	1.67	-90.22	-499.09	-14,613.22	2,057.86	1,683.10	374.76	5.491		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - EXIST VERT OSTER 13-27 GYRO - OWB - GYRO												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-GYD_CT												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,300.00	6,840.00	6,763.42	6,762.65	388.51	1.67	-90.30	-499.09	-14,613.28	2,079.95	1,707.57	372.38	5.586	
20,400.00	6,840.00	6,766.62	6,765.85	391.22	1.68	-90.39	-499.08	-14,613.35	2,106.55	1,737.27	369.28	5.705	
20,500.00	6,840.00	6,769.98	6,769.21	393.92	1.68	-90.49	-499.08	-14,613.42	2,137.50	1,771.98	365.52	5.848	
20,539.70	6,840.00	6,771.37	6,770.59	394.99	1.68	-90.53	-499.08	-14,613.44	2,150.96	1,787.09	363.87	5.911	



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27B GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	6,916.74	6,915.62	124.68	1.82	-95.35	-66.72	-15,055.90	9,965.85	9,911.06	54.79	181.876		
10,500.00	6,840.00	6,915.81	6,914.69	127.23	1.82	-95.32	-66.72	-15,055.92	9,867.15	9,811.85	55.30	178.437		
10,600.00	6,840.00	6,914.88	6,913.75	129.78	1.82	-95.28	-66.72	-15,055.93	9,768.48	9,712.66	55.81	175.021		
10,700.00	6,840.00	6,913.93	6,912.81	132.35	1.82	-95.25	-66.72	-15,055.95	9,669.83	9,613.49	56.34	171.629		
10,800.00	6,840.00	6,912.98	6,911.86	134.91	1.82	-95.22	-66.72	-15,055.96	9,571.21	9,514.33	56.88	168.261		
10,900.00	6,840.00	10,900.00	6,904.08	137.49	2.22	-94.94	-66.71	-15,056.09	9,472.63	9,415.19	57.44	164.914		
11,000.00	6,840.00	11,000.00	6,902.64	140.07	2.24	-94.89	-66.72	-15,056.11	9,374.07	9,316.06	58.01	161.595		
11,100.00	6,840.00	11,100.00	6,901.20	142.65	2.25	-94.83	-66.72	-15,056.13	9,275.54	9,216.95	58.59	158.302		
11,200.00	6,840.00	6,919.54	6,918.41	145.24	1.82	-95.45	-66.74	-15,055.84	9,177.03	9,117.85	59.18	155.071		
11,300.00	6,840.00	6,917.23	6,916.11	147.83	1.82	-95.37	-66.74	-15,055.88	9,078.56	9,018.77	59.79	151.829		
11,400.00	6,840.00	6,914.95	6,913.83	150.43	1.82	-95.29	-66.73	-15,055.92	8,980.13	8,919.71	60.43	148.614		
11,500.00	6,840.00	6,912.69	6,911.57	153.04	1.82	-95.21	-66.73	-15,055.96	8,881.74	8,820.66	61.07	145.426		
11,600.00	6,840.00	6,910.46	6,909.33	155.64	1.82	-95.13	-66.73	-15,055.99	8,783.38	8,721.64	61.74	142.268		
11,700.00	6,840.00	6,908.24	6,907.12	158.26	1.82	-95.05	-66.73	-15,056.03	8,685.05	8,622.63	62.42	139.138		
11,800.00	6,840.00	6,906.05	6,904.93	160.87	1.82	-94.97	-66.73	-15,056.07	8,586.77	8,523.65	63.12	136.038		
11,900.00	6,840.00	6,903.88	6,902.76	163.49	1.82	-94.89	-66.72	-15,056.10	8,488.53	8,424.69	63.84	132.967		
12,000.00	6,840.00	6,901.73	6,900.61	166.11	1.82	-94.81	-66.72	-15,056.14	8,390.32	8,325.75	64.58	129.927		
12,100.00	6,840.00	6,899.60	6,898.48	168.74	1.82	-94.74	-66.72	-15,056.17	8,292.16	8,226.83	65.34	126.917		
12,200.00	6,840.00	6,897.49	6,896.37	171.37	1.82	-94.66	-66.72	-15,056.21	8,194.04	8,127.93	66.11	123.938		
12,300.00	6,840.00	6,895.40	6,894.28	174.00	1.82	-94.59	-66.72	-15,056.24	8,095.97	8,029.06	66.91	120.991		
12,400.00	6,840.00	6,893.33	6,892.21	176.63	1.82	-94.51	-66.72	-15,056.27	7,997.95	7,930.21	67.74	118.076		
12,500.00	6,840.00	6,891.28	6,890.16	179.27	1.82	-94.44	-66.72	-15,056.31	7,899.97	7,831.39	68.58	115.192		
12,600.00	6,840.00	6,889.25	6,888.13	181.91	1.82	-94.37	-66.72	-15,056.34	7,802.05	7,732.60	69.45	112.342		
12,700.00	6,840.00	6,887.24	6,886.12	184.55	1.82	-94.29	-66.72	-15,056.37	7,704.18	7,633.84	70.34	109.524		
12,800.00	6,840.00	6,885.24	6,884.12	187.19	1.82	-94.22	-66.72	-15,056.40	7,606.36	7,535.10	71.26	106.740		
12,900.00	6,840.00	6,883.27	6,882.15	189.84	1.82	-94.15	-66.72	-15,056.43	7,508.61	7,436.40	72.21	103.989		
13,000.00	6,840.00	6,881.31	6,880.19	192.48	1.82	-94.08	-66.72	-15,056.46	7,410.91	7,337.73	73.18	101.272		
13,100.00	6,840.00	6,879.37	6,878.25	195.13	1.82	-94.01	-66.72	-15,056.49	7,313.27	7,239.09	74.18	98.590		
13,200.00	6,840.00	6,877.45	6,876.33	197.79	1.82	-93.94	-66.72	-15,056.52	7,215.70	7,140.49	75.21	95.942		
13,300.00	6,840.00	6,875.55	6,874.43	200.44	1.82	-93.87	-66.73	-15,056.55	7,118.19	7,041.92	76.27	93.329		
13,400.00	6,840.00	6,873.66	6,872.54	203.10	1.82	-93.81	-66.73	-15,056.58	7,020.75	6,943.39	77.36	90.751		
13,500.00	6,840.00	6,871.79	6,870.67	205.75	1.82	-93.74	-66.73	-15,056.61	6,923.39	6,844.90	78.49	88.208		
13,600.00	6,840.00	6,869.94	6,868.82	208.41	1.82	-93.67	-66.73	-15,056.64	6,826.10	6,746.45	79.65	85.707		
13,700.00	6,840.00	6,868.10	6,866.98	211.07	1.82	-93.61	-66.73	-15,056.67	6,728.89	6,648.04	80.85	83.231		
13,800.00	6,840.00	6,866.28	6,865.16	213.74	1.82	-93.54	-66.73	-15,056.69	6,631.76	6,549.68	82.08	80.796		
13,900.00	6,840.00	6,864.48	6,863.36	216.40	1.82	-93.48	-66.73	-15,056.72	6,534.72	6,451.37	83.35	78.398		
14,000.00	6,840.00	6,862.69	6,861.57	219.06	1.82	-93.41	-66.74	-15,056.75	6,437.77	6,353.11	84.67	76.037		
14,100.00	6,840.00	6,860.92	6,859.80	221.73	1.82	-93.35	-66.74	-15,056.77	6,340.92	6,254.90	86.02	73.712		
14,200.00	6,840.00	6,859.16	6,858.04	224.40	1.82	-93.28	-66.74	-15,056.80	6,244.16	6,156.74	87.42	71.425		
14,300.00	6,840.00	6,857.42	6,856.30	227.07	1.82	-93.22	-66.74	-15,056.82	6,147.51	6,058.64	88.87	69.175		
14,400.00	6,840.00	6,855.69	6,854.58	229.74	1.82	-93.16	-66.74	-15,056.85	6,050.96	5,960.60	90.36	66.962		
14,500.00	6,840.00	6,853.98	6,852.87	232.41	1.82	-93.10	-66.75	-15,056.87	5,954.53	5,862.62	91.91	64.787		
14,600.00	6,840.00	6,852.28	6,851.17	235.08	1.82	-93.04	-66.75	-15,056.90	5,858.22	5,764.71	93.51	62.650		
14,700.00	6,840.00	6,850.60	6,849.49	237.75	1.82	-92.98	-66.75	-15,056.92	5,762.03	5,666.87	95.16	60.551		
14,800.00	6,840.00	6,848.93	6,847.82	240.43	1.82	-92.92	-66.76	-15,056.95	5,665.98	5,569.10	96.87	58.490		
14,900.00	6,840.00	6,847.28	6,846.16	243.10	1.82	-92.86	-66.76	-15,056.97	5,570.06	5,471.42	98.64	56.467		
15,000.00	6,840.00	6,845.64	6,844.52	245.78	1.82	-92.80	-66.76	-15,056.99	5,474.29	5,373.81	100.48	54.482		
15,100.00	6,840.00	6,844.01	6,842.90	248.46	1.82	-92.74	-66.76	-15,057.02	5,378.67	5,276.29	102.38	52.536		
15,200.00	6,840.00	6,842.40	6,841.29	251.14	1.82	-92.68	-66.77	-15,057.04	5,283.21	5,178.86	104.35	50.629		
15,300.00	6,840.00	6,840.80	6,839.69	253.82	1.82	-92.62	-66.77	-15,057.06	5,187.93	5,081.53	106.40	48.760		
15,400.00	6,840.00	6,839.22	6,838.10	256.50	1.82	-92.57	-66.77	-15,057.09	5,092.82	4,984.30	108.52	46.930		
15,500.00	6,840.00	6,837.64	6,836.53	259.18	1.82	-92.51	-66.78	-15,057.11	4,997.91	4,887.19	110.72	45.139		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - EXIST VERT OSTER 13-27B GYRO - OWB - GYRO													Offset Site Error:	0.00 usft
Survey Program: 100-GYD_CT													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	6,836.08	6,834.97	261.86	1.82	-92.45	-66.78	-15,057.13	4,903.19	4,790.18	113.01	43.387		
15,700.00	6,840.00	6,834.54	6,833.42	264.54	1.82	-92.40	-66.78	-15,057.15	4,808.70	4,693.31	115.39	41.674		
15,800.00	6,840.00	6,833.00	6,831.89	267.23	1.82	-92.34	-66.79	-15,057.17	4,714.42	4,596.56	117.86	40.000		
15,900.00	6,840.00	6,831.48	6,830.36	269.91	1.82	-92.29	-66.79	-15,057.19	4,620.39	4,499.96	120.43	38.365		
16,000.00	6,840.00	6,829.97	6,828.86	272.59	1.82	-92.23	-66.79	-15,057.21	4,526.61	4,403.50	123.11	36.769		
16,100.00	6,840.00	6,828.47	6,827.36	275.28	1.82	-92.18	-66.80	-15,057.23	4,433.11	4,307.21	125.90	35.212		
16,200.00	6,840.00	6,826.99	6,825.87	277.97	1.82	-92.12	-66.80	-15,057.25	4,339.89	4,211.09	128.80	33.694		
16,300.00	6,840.00	6,825.51	6,824.40	280.65	1.82	-92.07	-66.81	-15,057.27	4,246.98	4,115.15	131.83	32.215		
16,400.00	6,840.00	6,824.05	6,822.94	283.34	1.82	-92.02	-66.81	-15,057.29	4,154.40	4,019.41	134.99	30.776		
16,500.00	6,840.00	6,822.60	6,821.49	286.03	1.82	-91.97	-66.81	-15,057.31	4,062.18	3,923.89	138.29	29.375		
16,600.00	6,840.00	6,821.16	6,820.05	288.72	1.82	-91.91	-66.82	-15,057.33	3,970.32	3,828.60	141.73	28.014		
16,700.00	6,840.00	6,819.73	6,818.62	291.41	1.82	-91.86	-66.82	-15,057.35	3,878.87	3,733.55	145.32	26.691		
16,800.00	6,840.00	6,820.42	6,819.30	294.10	1.82	-91.89	-66.83	-15,057.33	3,787.85	3,638.77	149.08	25.408		
16,900.00	6,840.00	6,818.71	6,817.60	296.79	1.82	-91.83	-66.84	-15,057.35	3,697.30	3,544.29	153.01	24.163		
17,000.00	6,840.00	6,817.04	6,815.93	299.48	1.82	-91.77	-66.84	-15,057.38	3,607.24	3,450.12	157.13	22.958		
17,100.00	6,840.00	6,815.41	6,814.30	302.17	1.82	-91.71	-66.84	-15,057.40	3,517.72	3,356.29	161.43	21.791		
17,200.00	6,840.00	6,813.82	6,812.71	304.86	1.82	-91.65	-66.85	-15,057.42	3,428.79	3,262.84	165.94	20.662		
17,300.00	6,840.00	6,812.26	6,811.15	307.56	1.82	-91.59	-66.85	-15,057.45	3,340.47	3,169.80	170.67	19.573		
17,400.00	6,840.00	6,810.73	6,809.62	310.25	1.82	-91.54	-66.85	-15,057.47	3,252.83	3,077.21	175.62	18.522		
17,500.00	6,840.00	6,809.24	6,808.12	312.94	1.82	-91.48	-66.86	-15,057.49	3,165.93	2,985.11	180.82	17.509		
17,600.00	6,840.00	6,807.77	6,806.66	315.64	1.82	-91.43	-66.86	-15,057.51	3,079.81	2,893.55	186.26	16.535		
17,700.00	6,840.00	6,806.34	6,805.23	318.33	1.82	-91.38	-66.86	-15,057.52	2,994.56	2,802.59	191.98	15.599		
17,800.00	6,840.00	6,804.93	6,803.82	321.03	1.82	-91.33	-66.87	-15,057.54	2,910.25	2,712.28	197.97	14.701		
17,900.00	6,840.00	6,803.55	6,802.44	323.72	1.82	-91.28	-66.87	-15,057.56	2,826.96	2,622.71	204.25	13.840		
18,000.00	6,840.00	6,802.20	6,801.09	326.42	1.82	-91.23	-66.88	-15,057.58	2,744.79	2,533.94	210.84	13.018		
18,100.00	6,840.00	6,800.88	6,799.77	329.11	1.82	-91.18	-66.88	-15,057.60	2,663.83	2,446.08	217.75	12.233		
18,200.00	6,840.00	6,799.59	6,798.47	331.81	1.82	-91.14	-66.89	-15,057.61	2,584.21	2,359.23	224.99	11.486		
18,300.00	6,840.00	6,798.31	6,797.20	334.51	1.82	-91.09	-66.89	-15,057.63	2,506.05	2,273.50	232.55	10.776		
18,400.00	6,840.00	6,797.07	6,795.96	337.20	1.82	-91.05	-66.90	-15,057.64	2,429.49	2,189.03	240.46	10.103		
18,500.00	6,840.00	6,795.84	6,794.73	339.90	1.82	-91.00	-66.90	-15,057.66	2,354.69	2,105.98	248.71	9.468		
18,600.00	6,840.00	6,794.64	6,793.53	342.60	1.82	-90.96	-66.91	-15,057.67	2,281.82	2,024.52	257.30	8.868		
18,700.00	6,840.00	6,793.46	6,792.35	345.30	1.82	-90.92	-66.91	-15,057.69	2,211.07	1,944.86	266.21	8.306		
18,800.00	6,840.00	6,792.31	6,791.20	348.00	1.82	-90.87	-66.92	-15,057.70	2,142.65	1,867.23	275.42	7.780		
18,900.00	6,840.00	6,791.17	6,790.06	350.70	1.82	-90.83	-66.92	-15,057.71	2,076.79	1,791.89	284.90	7.290		
19,000.00	6,840.00	6,790.06	6,788.95	353.39	1.82	-90.79	-66.93	-15,057.73	2,013.75	1,719.15	294.60	6.836		
19,100.00	6,840.00	6,788.96	6,787.85	356.09	1.82	-90.75	-66.93	-15,057.74	1,953.79	1,649.32	304.47	6.417		
19,200.00	6,840.00	6,787.89	6,786.78	358.79	1.82	-90.71	-66.94	-15,057.75	1,897.21	1,582.80	314.41	6.034		
19,300.00	6,840.00	6,786.83	6,785.72	361.49	1.82	-90.68	-66.94	-15,057.76	1,844.32	1,519.98	324.34	5.686		
19,400.00	6,840.00	6,785.79	6,784.68	364.20	1.82	-90.64	-66.95	-15,057.78	1,795.45	1,461.33	334.12	5.374		
19,500.00	6,840.00	6,784.77	6,783.66	366.90	1.82	-90.60	-66.95	-15,057.79	1,750.92	1,407.32	343.61	5.096		
19,600.00	6,840.00	6,783.77	6,782.66	369.60	1.82	-90.57	-66.96	-15,057.80	1,711.09	1,358.45	352.64	4.852		
19,700.00	6,840.00	6,782.79	6,781.68	372.30	1.82	-90.53	-66.96	-15,057.81	1,676.29	1,315.24	361.04	4.643		
19,800.00	6,840.00	6,781.82	6,780.71	375.00	1.82	-90.49	-66.97	-15,057.82	1,646.83	1,278.20	368.62	4.468		
19,900.00	6,840.00	6,780.87	6,779.76	377.70	1.82	-90.46	-66.97	-15,057.83	1,623.00	1,247.81	375.19	4.326		
20,000.00	6,840.00	6,779.93	6,778.82	380.40	1.82	-90.43	-66.98	-15,057.84	1,605.06	1,224.48	380.58	4.217		
20,100.00	6,840.00	6,779.01	6,777.90	383.11	1.82	-90.39	-66.99	-15,057.85	1,593.21	1,208.57	384.64	4.142		
20,200.00	6,840.00	6,778.10	6,776.99	385.81	1.82	-90.36	-66.99	-15,057.86	1,587.58	1,200.32	387.26	4.099		
20,239.55	6,840.00	6,777.75	6,776.64	386.88	1.82	-90.35	-66.99	-15,057.86	1,587.09	1,199.20	387.89	4.092 CC, ES		
20,300.00	6,840.00	6,777.21	6,776.10	388.51	1.82	-90.33	-67.00	-15,057.87	1,588.24	1,199.86	388.38	4.089 SF		
20,400.00	6,840.00	6,776.33	6,775.23	391.22	1.82	-90.30	-67.00	-15,057.88	1,595.18	1,207.19	387.99	4.111		
20,500.00	6,840.00	6,775.47	6,774.36	393.92	1.82	-90.27	-67.01	-15,057.89	1,608.32	1,222.18	386.13	4.165		
20,539.70	6,840.00	6,775.13	6,774.02	394.99	1.82	-90.25	-67.01	-15,057.89	1,615.22	1,230.21	385.01	4.195		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,900.00	3,678.63	3,554.63	3,554.63	24.88	61.08	-42.51	-143.71	-10,862.31	9,969.78	9,889.23	80.55	123.777		
4,000.00	3,770.15	3,646.15	3,646.15	25.71	62.68	-42.66	-143.71	-10,862.31	9,938.94	9,856.16	82.78	120.062		
4,100.00	3,861.67	3,737.67	3,737.67	26.53	64.27	-42.82	-143.71	-10,862.31	9,908.17	9,823.15	85.02	116.540		
4,200.00	3,953.19	3,829.19	3,829.19	27.35	65.87	-42.97	-143.71	-10,862.31	9,877.46	9,790.20	87.26	113.195		
4,300.00	4,044.71	3,920.71	3,920.71	28.18	67.47	-43.12	-143.71	-10,862.31	9,846.82	9,757.32	89.50	110.015		
4,400.00	4,136.23	4,012.23	4,012.23	29.01	69.07	-43.28	-143.71	-10,862.31	9,816.26	9,724.51	91.75	106.988		
4,500.00	4,227.75	4,103.75	4,103.75	29.83	70.66	-43.43	-143.71	-10,862.31	9,785.76	9,691.76	94.00	104.104		
4,600.00	4,319.27	4,204.74	4,195.27	30.66	72.43	-43.59	-143.71	-10,862.31	9,755.34	9,658.92	96.42	101.178		
4,700.00	4,410.78	4,286.78	4,286.78	31.48	73.86	-43.75	-143.71	-10,862.31	9,724.98	9,626.48	98.51	98.724		
4,800.00	4,502.30	4,378.30	4,378.30	32.31	75.46	-43.90	-143.71	-10,862.31	9,694.70	9,593.94	100.76	96.211		
4,900.00	4,593.82	4,469.82	4,469.82	33.14	77.05	-44.06	-143.71	-10,862.31	9,664.50	9,561.47	103.03	93.807		
5,000.00	4,685.34	4,561.34	4,561.34	33.96	78.65	-44.22	-143.71	-10,862.31	9,634.36	9,529.08	105.29	91.505		
5,100.00	4,776.86	4,652.86	4,652.86	34.79	80.25	-44.38	-143.71	-10,862.31	9,604.31	9,496.75	107.55	89.297		
5,200.00	4,868.38	4,744.38	4,744.38	35.62	81.85	-44.55	-143.71	-10,862.31	9,574.32	9,464.50	109.82	87.180		
5,300.00	4,959.90	4,835.90	4,835.90	36.45	83.44	-44.71	-143.71	-10,862.31	9,544.41	9,432.32	112.09	85.146		
5,400.00	5,051.41	4,927.41	4,927.41	37.27	85.04	-44.87	-143.71	-10,862.31	9,514.58	9,400.22	114.37	83.192		
5,500.00	5,142.93	5,018.93	5,018.93	38.10	86.64	-45.04	-143.71	-10,862.31	9,484.83	9,368.19	116.65	81.314		
5,600.00	5,234.45	5,110.45	5,110.45	38.93	88.23	-45.20	-143.71	-10,862.31	9,455.16	9,336.23	118.92	79.505		
5,700.00	5,325.97	5,201.97	5,201.97	39.76	89.83	-45.37	-143.71	-10,862.31	9,425.56	9,304.35	121.21	77.764		
5,800.00	5,417.49	5,306.51	5,293.49	40.59	91.66	-45.54	-143.71	-10,862.31	9,396.04	9,272.32	123.72	75.946		
5,900.00	5,509.01	5,385.01	5,385.01	41.42	93.03	-45.70	-143.71	-10,862.31	9,366.61	9,240.83	125.78	74.468		
6,000.00	5,600.53	5,476.53	5,476.53	42.25	94.62	-45.87	-143.71	-10,862.31	9,337.25	9,209.18	128.07	72.907		
6,100.00	5,692.04	5,568.04	5,568.04	43.07	96.22	-46.04	-143.71	-10,862.31	9,307.98	9,177.62	130.36	71.399		
6,200.00	5,783.56	5,659.56	5,659.56	43.90	97.82	-46.22	-143.71	-10,862.31	9,278.79	9,146.13	132.66	69.943		
6,300.00	5,875.08	5,751.08	5,751.08	44.73	99.42	-46.39	-143.71	-10,862.31	9,249.68	9,114.72	134.96	68.536		
6,400.00	5,966.60	5,842.60	5,842.60	45.56	101.01	-46.56	-143.71	-10,862.31	9,220.66	9,083.40	137.26	67.175		
6,500.00	6,058.12	5,934.12	5,934.12	46.39	102.61	-46.74	-143.71	-10,862.31	9,191.72	9,052.16	139.57	65.859		
6,600.00	6,149.64	6,025.64	6,025.64	47.22	104.21	-46.91	-143.71	-10,862.31	9,162.87	9,021.00	141.88	64.584		
6,700.00	6,241.16	6,117.16	6,117.16	48.05	105.80	-47.09	-143.71	-10,862.31	9,134.11	8,989.92	144.19	63.350		
6,800.00	6,332.68	6,208.68	6,208.68	48.88	107.40	-47.27	-143.71	-10,862.31	9,105.43	8,958.93	146.50	62.153		
6,900.00	6,424.19	6,300.19	6,300.19	49.71	109.00	-47.44	-143.71	-10,862.31	9,076.84	8,928.03	148.82	60.994		
7,000.00	6,514.88	6,409.12	6,390.88	50.58	110.90	-41.82	-143.71	-10,862.31	9,046.09	8,894.64	151.45	59.730		
7,100.00	6,599.14	6,475.14	6,475.14	51.67	112.05	-35.65	-143.71	-10,862.31	9,001.40	8,848.01	153.39	58.682		
7,200.00	6,673.85	6,549.85	6,549.85	53.01	113.36	-33.23	-143.71	-10,862.31	8,942.25	8,786.74	155.51	57.502		
7,300.00	6,736.73	6,612.73	6,612.73	54.56	114.45	-33.53	-143.71	-10,862.31	8,870.45	8,713.04	157.41	56.352		
7,400.00	6,785.87	6,661.87	6,661.87	56.29	115.31	-36.88	-143.71	-10,862.31	8,788.17	8,629.14	159.02	55.263		
7,500.00	6,819.79	6,704.21	6,695.79	58.13	116.05	-45.49	-143.71	-10,862.31	8,697.88	8,537.45	160.44	54.214		
7,600.00	6,837.44	6,713.44	6,713.44	60.02	116.21	-67.04	-143.71	-10,862.31	8,602.32	8,441.16	161.16	53.377		
7,700.00	6,840.00	6,716.00	6,716.00	61.90	116.26	-90.00	-143.71	-10,862.31	8,504.40	8,342.74	161.66	52.607		
7,800.00	6,840.00	6,716.00	6,716.00	63.83	116.26	-90.00	-143.71	-10,862.31	8,406.31	8,244.21	162.10	51.858		
7,900.00	6,840.00	6,716.00	6,716.00	65.81	116.26	-90.00	-143.71	-10,862.31	8,308.26	8,145.71	162.56	51.109		
8,000.00	6,840.00	6,716.00	6,716.00	67.84	116.26	-90.00	-143.71	-10,862.31	8,210.27	8,047.24	163.03	50.360		
8,100.00	6,840.00	6,716.00	6,716.00	69.91	116.26	-90.00	-143.71	-10,862.31	8,112.32	7,948.80	163.52	49.610		
8,200.00	6,840.00	6,716.00	6,716.00	72.03	116.26	-90.00	-143.71	-10,862.31	8,014.43	7,850.40	164.03	48.861		
8,300.00	6,840.00	6,716.00	6,716.00	74.18	116.26	-90.00	-143.71	-10,862.31	7,916.58	7,752.04	164.55	48.111		
8,400.00	6,840.00	6,716.00	6,716.00	76.37	116.26	-90.00	-143.71	-10,862.31	7,818.80	7,653.71	165.09	47.361		
8,500.00	6,840.00	6,716.00	6,716.00	78.59	116.26	-90.00	-143.71	-10,862.31	7,721.06	7,555.42	165.65	46.612		
8,600.00	6,840.00	6,716.00	6,716.00	80.85	116.26	-90.00	-143.71	-10,862.31	7,623.39	7,457.17	166.22	45.863		
8,700.00	6,840.00	6,716.00	6,716.00	83.13	116.26	-90.00	-143.71	-10,862.31	7,525.78	7,358.96	166.82	45.114		
8,800.00	6,840.00	6,716.00	6,716.00	85.44	116.26	-90.00	-143.71	-10,862.31	7,428.23	7,260.80	167.44	44.365		
8,900.00	6,840.00	6,716.00	6,716.00	87.77	116.26	-90.00	-143.71	-10,862.31	7,330.75	7,162.68	168.07	43.617		
9,000.00	6,840.00	6,716.00	6,716.00	90.12	116.26	-90.00	-143.71	-10,862.31	7,233.33	7,064.60	168.73	42.869		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	6,840.00	6,716.00	6,716.00	92.50	116.26	-90.00	-143.71	-10,862.31	7,135.99	6,966.58	169.41	42.122		
9,200.00	6,840.00	6,716.00	6,716.00	94.89	116.26	-90.00	-143.71	-10,862.31	7,038.72	6,868.61	170.12	41.375		
9,300.00	6,840.00	6,716.00	6,716.00	97.30	116.26	-90.00	-143.71	-10,862.31	6,941.53	6,770.69	170.85	40.630		
9,400.00	6,840.00	6,716.00	6,716.00	99.73	116.26	-90.00	-143.71	-10,862.31	6,844.43	6,672.82	171.60	39.885		
9,500.00	6,840.00	6,716.00	6,716.00	102.17	116.26	-90.00	-143.71	-10,862.31	6,747.40	6,575.01	172.39	39.141		
9,600.00	6,840.00	6,716.00	6,716.00	104.63	116.26	-90.00	-143.71	-10,862.31	6,650.46	6,477.27	173.20	38.398		
9,700.00	6,840.00	6,716.00	6,716.00	107.10	116.26	-90.00	-143.71	-10,862.31	6,553.62	6,379.59	174.04	37.657		
9,800.00	6,840.00	6,716.00	6,716.00	109.58	116.26	-90.00	-143.71	-10,862.31	6,456.87	6,281.97	174.90	36.917		
9,900.00	6,840.00	6,716.00	6,716.00	112.07	116.26	-90.00	-143.71	-10,862.31	6,360.22	6,184.42	175.80	36.178		
10,000.00	6,840.00	6,716.00	6,716.00	114.58	116.26	-90.00	-143.71	-10,862.31	6,263.68	6,086.95	176.74	35.441		
10,100.00	6,840.00	6,716.00	6,716.00	117.09	116.26	-90.00	-143.71	-10,862.31	6,167.25	5,989.55	177.70	34.706		
10,200.00	6,840.00	6,716.00	6,716.00	119.61	116.26	-90.00	-143.71	-10,862.31	6,070.93	5,892.23	178.70	33.972		
10,300.00	6,840.00	6,716.00	6,716.00	122.14	116.26	-90.00	-143.71	-10,862.31	5,974.74	5,795.00	179.74	33.240		
10,400.00	6,840.00	6,716.00	6,716.00	124.68	116.26	-90.00	-143.71	-10,862.31	5,878.67	5,697.85	180.82	32.511		
10,500.00	6,840.00	6,716.00	6,716.00	127.23	116.26	-90.00	-143.71	-10,862.31	5,782.73	5,600.79	181.94	31.784		
10,600.00	6,840.00	6,716.00	6,716.00	129.78	116.26	-90.00	-143.71	-10,862.31	5,686.94	5,503.84	183.10	31.059		
10,700.00	6,840.00	6,716.00	6,716.00	132.35	116.26	-90.00	-143.71	-10,862.31	5,591.29	5,406.98	184.31	30.337		
10,800.00	6,840.00	6,716.00	6,716.00	134.91	116.26	-90.00	-143.71	-10,862.31	5,495.80	5,310.24	185.56	29.618		
10,900.00	6,840.00	6,716.00	6,716.00	137.49	116.26	-90.00	-143.71	-10,862.31	5,400.47	5,213.61	186.86	28.901		
11,000.00	6,840.00	6,716.00	6,716.00	140.07	116.26	-90.00	-143.71	-10,862.31	5,305.31	5,117.10	188.21	28.188		
11,100.00	6,840.00	6,716.00	6,716.00	142.65	116.26	-90.00	-143.71	-10,862.31	5,210.33	5,020.72	189.62	27.478		
11,200.00	6,840.00	6,716.00	6,716.00	145.24	116.26	-90.00	-143.71	-10,862.31	5,115.55	4,924.47	191.08	26.772		
11,300.00	6,840.00	6,716.00	6,716.00	147.83	116.26	-90.00	-143.71	-10,862.31	5,020.97	4,828.36	192.60	26.069		
11,400.00	6,840.00	6,716.00	6,716.00	150.43	116.26	-90.00	-143.71	-10,862.31	4,926.60	4,732.41	194.19	25.371		
11,500.00	6,840.00	6,716.00	6,716.00	153.04	116.26	-90.00	-143.71	-10,862.31	4,832.45	4,636.62	195.83	24.676		
11,600.00	6,840.00	6,716.00	6,716.00	155.64	116.26	-90.00	-143.71	-10,862.31	4,738.55	4,541.00	197.55	23.986		
11,700.00	6,840.00	6,716.00	6,716.00	158.26	116.26	-90.00	-143.71	-10,862.31	4,644.90	4,445.56	199.34	23.301		
11,800.00	6,840.00	6,716.00	6,716.00	160.87	116.26	-90.00	-143.71	-10,862.31	4,551.53	4,350.32	201.21	22.621		
11,900.00	6,840.00	6,716.00	6,716.00	163.49	116.26	-90.00	-143.71	-10,862.31	4,458.44	4,255.28	203.16	21.946		
12,000.00	6,840.00	6,716.00	6,716.00	166.11	116.26	-90.00	-143.71	-10,862.31	4,365.65	4,160.46	205.19	21.276		
12,100.00	6,840.00	6,716.00	6,716.00	168.74	116.26	-90.00	-143.71	-10,862.31	4,273.19	4,065.88	207.31	20.612		
12,200.00	6,840.00	6,716.00	6,716.00	171.37	116.26	-90.00	-143.71	-10,862.31	4,181.08	3,971.55	209.53	19.955		
12,300.00	6,840.00	6,716.00	6,716.00	174.00	116.26	-90.00	-143.71	-10,862.31	4,089.34	3,877.49	211.84	19.304		
12,400.00	6,840.00	6,716.00	6,716.00	176.63	116.26	-90.00	-143.71	-10,862.31	3,997.99	3,783.73	214.27	18.659		
12,500.00	6,840.00	6,716.00	6,716.00	179.27	116.26	-90.00	-143.71	-10,862.31	3,907.07	3,690.27	216.80	18.022		
12,600.00	6,840.00	6,716.00	6,716.00	181.91	116.26	-90.00	-143.71	-10,862.31	3,816.60	3,597.16	219.45	17.392		
12,700.00	6,840.00	6,716.00	6,716.00	184.55	116.26	-90.00	-143.71	-10,862.31	3,726.62	3,504.40	222.22	16.770		
12,800.00	6,840.00	6,716.00	6,716.00	187.19	116.26	-90.00	-143.71	-10,862.31	3,637.17	3,412.04	225.12	16.156		
12,900.00	6,840.00	6,716.00	6,716.00	189.84	116.26	-90.00	-143.71	-10,862.31	3,548.27	3,320.11	228.17	15.551		
13,000.00	6,840.00	6,716.00	6,716.00	192.48	116.26	-90.00	-143.71	-10,862.31	3,459.99	3,228.63	231.36	14.955		
13,100.00	6,840.00	6,716.00	6,716.00	195.13	116.26	-90.00	-143.71	-10,862.31	3,372.35	3,137.66	234.70	14.369		
13,200.00	6,840.00	6,716.00	6,716.00	197.79	116.26	-90.00	-143.71	-10,862.31	3,285.43	3,047.22	238.20	13.793		
13,300.00	6,840.00	6,716.00	6,716.00	200.44	116.26	-90.00	-143.71	-10,862.31	3,199.26	2,957.38	241.88	13.227		
13,400.00	6,840.00	6,716.00	6,716.00	203.10	116.26	-90.00	-143.71	-10,862.31	3,113.93	2,868.19	245.73	12.672		
13,500.00	6,840.00	6,716.00	6,716.00	205.75	116.26	-90.00	-143.71	-10,862.31	3,029.49	2,779.71	249.78	12.129		
13,600.00	6,840.00	6,716.00	6,716.00	208.41	116.26	-90.00	-143.71	-10,862.31	2,946.03	2,692.01	254.02	11.598		
13,700.00	6,840.00	6,716.00	6,716.00	211.07	116.26	-90.00	-143.71	-10,862.31	2,863.62	2,605.15	258.47	11.079		
13,800.00	6,840.00	6,716.00	6,716.00	213.74	116.26	-90.00	-143.71	-10,862.31	2,782.37	2,519.24	263.13	10.574		
13,900.00	6,840.00	6,716.00	6,716.00	216.40	116.26	-90.00	-143.71	-10,862.31	2,702.38	2,434.36	268.02	10.083		
14,000.00	6,840.00	6,716.00	6,716.00	219.06	116.26	-90.00	-143.71	-10,862.31	2,623.76	2,350.63	273.13	9.606		
14,100.00	6,840.00	6,716.00	6,716.00	221.73	116.26	-90.00	-143.71	-10,862.31	2,546.64	2,268.16	278.47	9.145		
14,200.00	6,840.00	6,716.00	6,716.00	224.40	116.26	-90.00	-143.71	-10,862.31	2,471.16	2,187.10	284.05	8.700		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	6,840.00	6,716.00	6,716.00	227.07	116.26	-90.00	-143.71	-10,862.31	2,397.48	2,107.60	289.87	8.271		
14,400.00	6,840.00	6,716.00	6,716.00	229.74	116.26	-90.00	-143.71	-10,862.31	2,325.76	2,029.84	295.92	7.859		
14,500.00	6,840.00	6,716.00	6,716.00	232.41	116.26	-90.00	-143.71	-10,862.31	2,256.19	1,954.01	302.19	7.466		
14,600.00	6,840.00	6,716.00	6,716.00	235.08	116.26	-90.00	-143.71	-10,862.31	2,188.99	1,880.33	308.66	7.092		
14,700.00	6,840.00	6,716.00	6,716.00	237.75	116.26	-90.00	-143.71	-10,862.31	2,124.36	1,809.05	315.32	6.737		
14,800.00	6,840.00	6,716.00	6,716.00	240.43	116.26	-90.00	-143.71	-10,862.31	2,062.57	1,740.44	322.12	6.403		
14,900.00	6,840.00	6,716.00	6,716.00	243.10	116.26	-90.00	-143.71	-10,862.31	2,003.86	1,674.82	329.04	6.090		
15,000.00	6,840.00	6,716.00	6,716.00	245.78	116.26	-90.00	-143.71	-10,862.31	1,948.51	1,612.51	336.01	5.799		
15,100.00	6,840.00	6,716.00	6,716.00	248.46	116.26	-90.00	-143.71	-10,862.31	1,896.83	1,553.87	342.96	5.531		
15,200.00	6,840.00	6,716.00	6,716.00	251.14	116.26	-90.00	-143.71	-10,862.31	1,849.11	1,499.29	349.82	5.286		
15,300.00	6,840.00	6,716.00	6,716.00	253.82	116.26	-90.00	-143.71	-10,862.31	1,805.68	1,449.19	356.49	5.065		
15,400.00	6,840.00	6,716.00	6,716.00	256.50	116.26	-90.00	-143.71	-10,862.31	1,766.85	1,403.99	362.86	4.869		
15,500.00	6,840.00	6,716.00	6,716.00	259.18	116.26	-90.00	-143.71	-10,862.31	1,732.92	1,364.10	368.82	4.699		
15,600.00	6,840.00	6,716.00	6,716.00	261.86	116.26	-90.00	-143.71	-10,862.31	1,704.19	1,329.95	374.24	4.554		
15,700.00	6,840.00	6,716.00	6,716.00	264.54	116.26	-90.00	-143.71	-10,862.31	1,680.93	1,301.92	379.01	4.435		
15,800.00	6,840.00	6,716.00	6,716.00	267.23	116.26	-90.00	-143.71	-10,862.31	1,663.37	1,280.35	383.02	4.343		
15,900.00	6,840.00	6,716.00	6,716.00	269.91	116.26	-90.00	-143.71	-10,862.31	1,651.68	1,265.51	386.17	4.277		
16,000.00	6,840.00	6,716.00	6,716.00	272.59	116.26	-90.00	-143.71	-10,862.31	1,646.00	1,257.62	388.38	4.238		
16,043.70	6,840.00	6,716.00	6,716.00	273.77	116.26	-90.00	-143.71	-10,862.31	1,645.42	1,256.37	389.04	4.229	CC, ES	
16,100.00	6,840.00	6,716.00	6,716.00	275.28	116.26	-90.00	-143.71	-10,862.31	1,646.38	1,256.76	389.62	4.226	SF	
16,200.00	6,840.00	6,716.00	6,716.00	277.97	116.26	-90.00	-143.71	-10,862.31	1,652.82	1,262.96	389.87	4.239		
16,300.00	6,840.00	6,716.00	6,716.00	280.65	116.26	-90.00	-143.71	-10,862.31	1,665.26	1,276.11	389.15	4.279		
16,400.00	6,840.00	6,716.00	6,716.00	283.34	116.26	-90.00	-143.71	-10,862.31	1,683.55	1,296.04	387.51	4.345		
16,500.00	6,840.00	6,716.00	6,716.00	286.03	116.26	-90.00	-143.71	-10,862.31	1,707.51	1,322.49	385.02	4.435		
16,600.00	6,840.00	6,716.00	6,716.00	288.72	116.26	-90.00	-143.71	-10,862.31	1,736.91	1,355.12	381.79	4.549		
16,700.00	6,840.00	6,716.00	6,716.00	291.41	116.26	-90.00	-143.71	-10,862.31	1,771.47	1,393.55	377.92	4.687		
16,800.00	6,840.00	6,716.00	6,716.00	294.10	116.26	-90.00	-143.71	-10,862.31	1,810.91	1,437.38	373.52	4.848		
16,900.00	6,840.00	6,716.00	6,716.00	296.79	116.26	-90.00	-143.71	-10,862.31	1,854.90	1,486.19	368.71	5.031		
17,000.00	6,840.00	6,716.00	6,716.00	299.48	116.26	-90.00	-143.71	-10,862.31	1,903.13	1,539.55	363.58	5.234		
17,100.00	6,840.00	6,716.00	6,716.00	302.17	116.26	-90.00	-143.71	-10,862.31	1,955.29	1,597.06	358.23	5.458		
17,200.00	6,840.00	6,716.00	6,716.00	304.86	116.26	-90.00	-143.71	-10,862.31	2,011.07	1,658.33	352.74	5.701		
17,300.00	6,840.00	6,716.00	6,716.00	307.56	116.26	-90.00	-143.71	-10,862.31	2,070.19	1,722.99	347.20	5.963		
17,400.00	6,840.00	6,716.00	6,716.00	310.25	116.26	-90.00	-143.71	-10,862.31	2,132.36	1,790.71	341.65	6.241		
17,500.00	6,840.00	6,716.00	6,716.00	312.94	116.26	-90.00	-143.71	-10,862.31	2,197.32	1,861.17	336.15	6.537		
17,600.00	6,840.00	6,716.00	6,716.00	315.64	116.26	-90.00	-143.71	-10,862.31	2,264.83	1,934.09	330.74	6.848		
17,700.00	6,840.00	6,716.00	6,716.00	318.33	116.26	-90.00	-143.71	-10,862.31	2,334.68	2,009.24	325.44	7.174		
17,800.00	6,840.00	6,716.00	6,716.00	321.03	116.26	-90.00	-143.71	-10,862.31	2,406.65	2,086.37	320.28	7.514		
17,900.00	6,840.00	6,716.00	6,716.00	323.72	116.26	-90.00	-143.71	-10,862.31	2,480.57	2,165.29	315.28	7.868		
18,000.00	6,840.00	6,716.00	6,716.00	326.42	116.26	-90.00	-143.71	-10,862.31	2,556.27	2,245.82	310.45	8.234		
18,100.00	6,840.00	6,716.00	6,716.00	329.11	116.26	-90.00	-143.71	-10,862.31	2,633.58	2,327.80	305.78	8.613		
18,200.00	6,840.00	6,716.00	6,716.00	331.81	116.26	-90.00	-143.71	-10,862.31	2,712.38	2,411.09	301.29	9.002		
18,300.00	6,840.00	6,716.00	6,716.00	334.51	116.26	-90.00	-143.71	-10,862.31	2,792.54	2,495.56	296.98	9.403		
18,400.00	6,840.00	6,716.00	6,716.00	337.20	116.26	-90.00	-143.71	-10,862.31	2,873.94	2,581.10	292.84	9.814		
18,500.00	6,840.00	6,716.00	6,716.00	339.90	116.26	-90.00	-143.71	-10,862.31	2,956.48	2,667.61	288.88	10.234		
18,600.00	6,840.00	6,716.00	6,716.00	342.60	116.26	-90.00	-143.71	-10,862.31	3,040.08	2,755.00	285.08	10.664		
18,700.00	6,840.00	6,716.00	6,716.00	345.30	116.26	-90.00	-143.71	-10,862.31	3,124.63	2,843.19	281.44	11.102		
18,800.00	6,840.00	6,716.00	6,716.00	348.00	116.26	-90.00	-143.71	-10,862.31	3,210.07	2,932.12	277.96	11.549		
18,900.00	6,840.00	6,716.00	6,716.00	350.70	116.26	-90.00	-143.71	-10,862.31	3,296.34	3,021.71	274.62	12.003		
19,000.00	6,840.00	6,716.00	6,716.00	353.39	116.26	-90.00	-143.71	-10,862.31	3,383.36	3,111.92	271.43	12.465		
19,100.00	6,840.00	6,716.00	6,716.00	356.09	116.26	-90.00	-143.71	-10,862.31	3,471.07	3,202.69	268.38	12.933		
19,200.00	6,840.00	6,716.00	6,716.00	358.79	116.26	-90.00	-143.71	-10,862.31	3,559.44	3,293.98	265.46	13.408		
19,300.00	6,840.00	6,716.00	6,716.00	361.49	116.26	-90.00	-143.71	-10,862.31	3,648.41	3,385.74	262.67	13.890		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SEC 27-T4N-R65W - SI VERT LIBSACK 43-27 - OWB - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-INC-ONLY												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,400.00	6,840.00	6,716.00	6,716.00	364.20	116.26	-90.00	-143.71	-10,862.31	3,737.93	3,477.94	259.99	14.377	
19,500.00	6,840.00	6,716.00	6,716.00	366.90	116.26	-90.00	-143.71	-10,862.31	3,827.98	3,570.55	257.43	14.870	
19,600.00	6,840.00	6,716.00	6,716.00	369.60	116.26	-90.00	-143.71	-10,862.31	3,918.50	3,663.53	254.97	15.368	
19,700.00	6,840.00	6,716.00	6,716.00	372.30	116.26	-90.00	-143.71	-10,862.31	4,009.48	3,756.86	252.62	15.871	
19,800.00	6,840.00	6,716.00	6,716.00	375.00	116.26	-90.00	-143.71	-10,862.31	4,100.87	3,850.51	250.37	16.379	
19,900.00	6,840.00	6,716.00	6,716.00	377.70	116.26	-90.00	-143.71	-10,862.31	4,192.66	3,944.46	248.21	16.892	
20,000.00	6,840.00	6,716.00	6,716.00	380.40	116.26	-90.00	-143.71	-10,862.31	4,284.82	4,038.69	246.13	17.409	
20,100.00	6,840.00	6,716.00	6,716.00	383.11	116.26	-90.00	-143.71	-10,862.31	4,377.32	4,133.18	244.14	17.929	
20,200.00	6,840.00	6,716.00	6,716.00	385.81	116.26	-90.00	-143.71	-10,862.31	4,470.15	4,227.92	242.23	18.454	
20,300.00	6,840.00	6,716.00	6,716.00	388.51	116.26	-90.00	-143.71	-10,862.31	4,563.27	4,322.88	240.40	18.982	
20,400.00	6,840.00	6,716.00	6,716.00	391.22	116.26	-90.00	-143.71	-10,862.31	4,656.69	4,418.05	238.63	19.514	
20,500.00	6,840.00	6,716.00	6,716.00	393.92	116.26	-90.00	-143.71	-10,862.31	4,750.37	4,513.43	236.94	20.049	
20,539.70	6,840.00	6,716.00	6,716.00	394.99	116.26	-90.00	-143.71	-10,862.31	4,787.63	4,551.34	236.28	20.262	

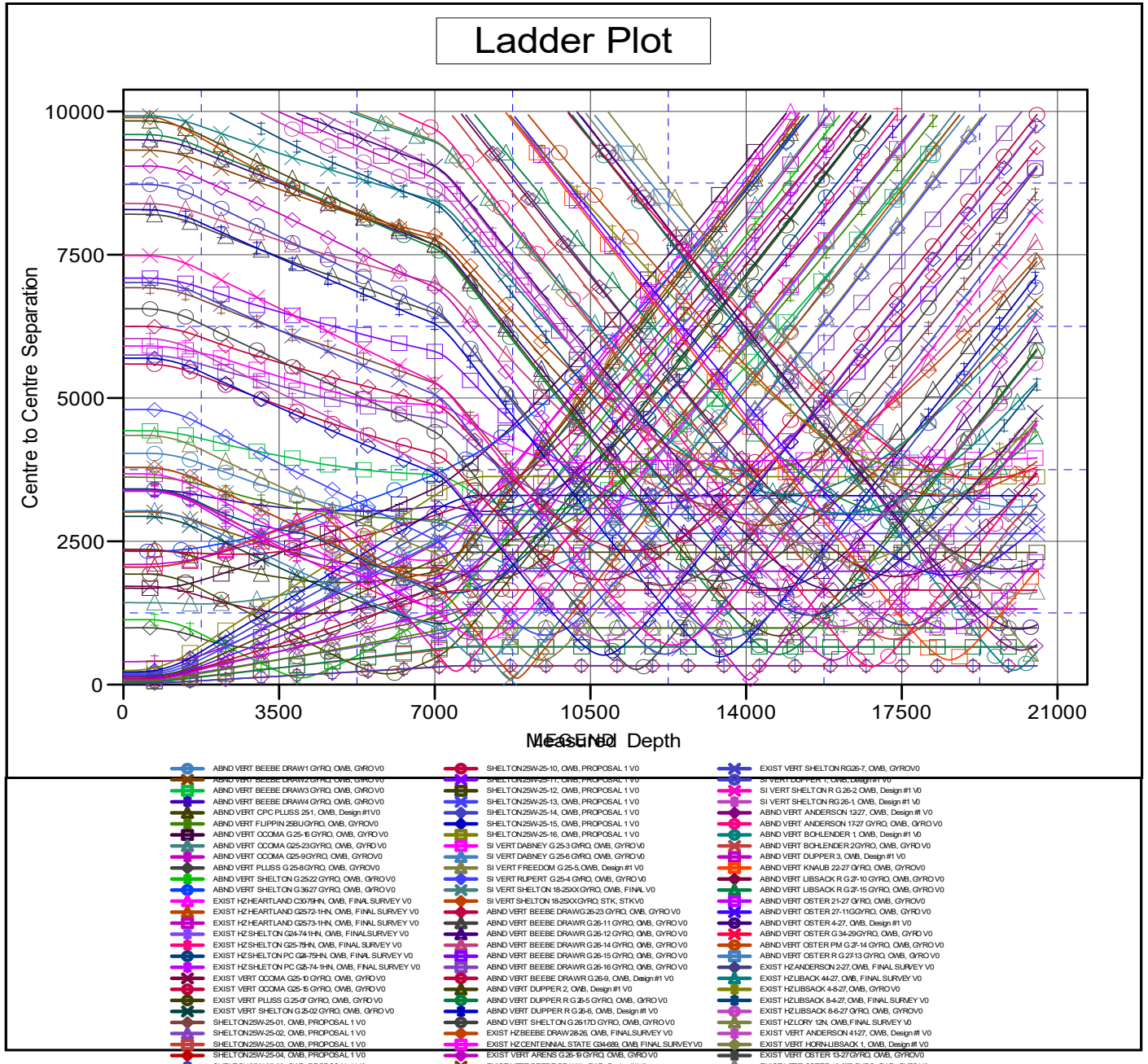


# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well SHELTON 25W-25-05
<b>Project:</b>	WELD COUNTY	<b>TVD Reference:</b>	KB 25' @ 4861.00usft
<b>Reference Site:</b>	SEC 25-T4N-R65W	<b>MD Reference:</b>	KB 25' @ 4861.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SHELTON 25W-25-05	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB 25' @ 4861.00usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 105.500000°W

Coordinates are relative to: SHELTON 25W-25-05  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.58°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

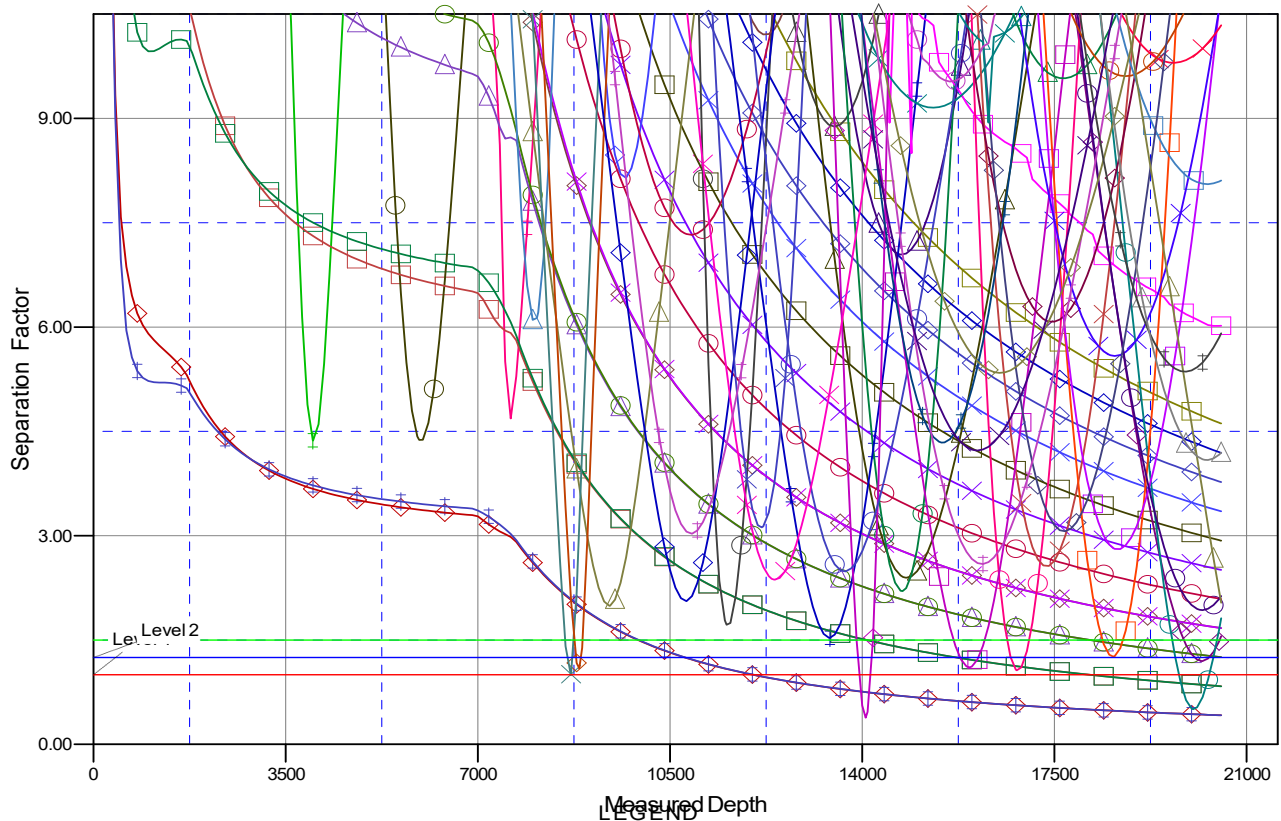
**Company:** CRESTONE PEAK RESOURCES  
**Project:** WELD COUNTY  
**Reference Site:** SEC 25-T4N-R65W  
**Site Error:** 0.00 usft  
**Reference Well:** SHELTON 25W-25-05  
**Well Error:** 0.00 usft  
**Reference Wellbore:** OWB  
**Reference Design:** PROPOSAL 1

**Local Co-ordinate Reference:** Well SHELTON 25W-25-05  
**TVD Reference:** KB 25' @ 4861.00usft  
**MD Reference:** KB 25' @ 4861.00usft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDT\_32Bit\_ODBC  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to KB 25' @ 4861.00usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: SHELTON 25W-25-05  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.58°

## Separation Factor Plot



ABND VERT BEEBE DRAW1 GYRO, OMB, GYRO V0	SHELTON25W-25-10, OMB, PROPOSAL 1 V0	EXIST VERT SHELTON R26-7, OMB, GYROV0
ABND VERT BEEBE DRAW2 GYRO, OMB, GYRO V0	SHELTON25W-25-11, OMB, PROPOSAL 1 V0	SI VERT DUFFER 1, OMB, Design#1 V0
ABND VERT BEEBE DRAW3 GYRO, OMB, GYRO V0	SHELTON25W-25-12, OMB, PROPOSAL 1 V0	SI VERT SHELTON R G 26-2, OMB, Design#1 V0
ABND VERT BEEBE DRAW4 GYRO, OMB, GYRO V0	SHELTON25W-25-13, OMB, PROPOSAL 1 V0	SI VERT SHELTON R26-1, OMB, Design#1 V0
ABND VERT GFC PLUS5 251, OMB, Design#1 V0	SHELTON25W-25-14, OMB, PROPOSAL 1 V0	ABND VERT ANDERSON 1227, OMB, Design#1 V0
ABND VERT FLUPIN ZBU GYRO, OMB, GYROV0	SHELTON25W-25-15, OMB, PROPOSAL 1 V0	ABND VERT ANDERSON 1727 GYRO, OMB, GYROV0
ABND VERT OCOMA G 25-16 GYRO, OMB, GYROV0	SHELTON25W-25-16, OMB, PROPOSAL 1 V0	ABND VERT BOHLENDER 1, OMB, Design#1 V0
ABND VERT OCOMA G 25-23 GYRO, OMB, GYRO V0	SI VERT DABNEY G 25-3 GYRO, OMB, GYRO V0	ABND VERT BOHLENDER 2 GYRO, OMB, GYRO V0
ABND VERT OCOMA G 25-30 GYRO, OMB, GYROV0	SI VERT DABNEY G 25-6 GYRO, OMB, GYRO V0	ABND VERT DUFFER 3, OMB, Design#1 V0
ABND VERT PLUS5 G 25-30 GYRO, OMB, GYROV0	SI VERT FREEDOM G 25-5, OMB, Design#1 V0	ABND VERT KNAUB 22-27 GYRO, OMB, GYROV0
ABND VERT SHELTON G 25-22 GYRO, OMB, GYRO V0	SI VERT FULTON G 25-4 GYRO, OMB, GYRO V0	ABND VERT LUBSACK R G 2-14 GYRO, OMB, GYROV0
ABND VERT SHELTON G 25-27 GYRO, OMB, GYRO V0	SI VERT SHELTON 18-20X GYRO, OMB, FINAL V0	ABND VERT LUBSACK R G 2-15 GYRO, OMB, GYROV0
EXIST HZ HEARTLAND C3079H, OMB, FINAL SURVEY V0	SI VERT SHELTON 18-20X GYRO, STK, STK V0	ABND VERT OSTER 21-27 GYRO, OMB, GYROV0
EXIST HZ HEARTLAND G2572-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW G 25-23 GYRO, OMB, GYROV0	ABND VERT OSTER 27-11 GYRO, OMB, GYRO V0
EXIST HZ HEARTLAND G2573-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW R G 25-11 GYRO, OMB, GYRO V0	ABND VERT OSTER 4-27, OMB, Design#1 V0
EXIST HZ SHELTON G2474-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW R G 25-12 GYRO, OMB, GYRO V0	ABND VERT OSTER G 34-26 GYRO, OMB, GYRO V0
EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW R G 25-14 GYRO, OMB, GYRO V0	ABND VERT OSTER PM G 2-14 GYRO, OMB, GYROV0
EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW R G 25-15 GYRO, OMB, GYRO V0	ABND VERT OSTER R G 2-13 GYRO, OMB, GYROV0
EXIST HZ SHELTON PC G25-74-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBE DRAW R G 25-16 GYRO, OMB, GYRO V0	EXIST HZ ANDERSON 227, OMB, FINAL SURVEY V0
EXIST VERT OCOMA G 25-10 GYRO, OMB, GYRO V0	ABND VERT BEEBE DRAW R G 25-9, OMB, Design#1 V0	EXIST HZ LUBSACK 44-27, OMB, FINAL SURVEY V0
EXIST VERT OCOMA G 25-15 GYRO, OMB, GYRO V0	ABND VERT DUFFER 2, OMB, Design#1 V0	EXIST HZ LUBSACK 48-27, OMB, GYRO V0
EXIST VERT PLUS5 G 25-07 GYRO, OMB, GYRO V0	ABND VERT DUFFER R G 25-5 GYRO, OMB, GYRO V0	EXIST HZ LUBSACK 84-27, OMB, FINAL SURVEY V0
EXIST VERT SHELTON G 25-02 GYRO, OMB, GYROV0	ABND VERT DUFFER R G 26-4, OMB, Design#1 V0	EXIST HZ LUBSACK 86-27 GYRO, OMB, GYROV0
SHELTON25W-25-01, OMB, PROPOSAL 1 V0	ABND VERT SHELTON G 25-10 GYRO, OMB, GYROV0	EXIST HZ LUBSACK 12A, OMB, FINAL SURVEY V0
SHELTON25W-25-02, OMB, PROPOSAL 1 V0	EXIST HZ BEEBE DRAW 26-26, OMB, FINAL SURVEY V0	EXIST VERT ANDERSON 4127, OMB, Design#1 V0
SHELTON25W-25-03, OMB, PROPOSAL 1 V0	EXIST HZ CENTENNIAL STATE G34-68, OMB, FINAL SURVEY V0	EXIST VERT HORNBUSACK 1, OMB, Design#1 V0
SHELTON25W-25-04, OMB, PROPOSAL 1 V0	EXIST VERT ARENS G 26-10 GYRO, OMB, GYROV0	EXIST VERT OSTER 13-27 GYRO, OMB, GYROV0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation