

CRESTONE PEAK RESOURCES

**WELD COUNTY
SEC 25-T4N-R65W
SHELTON 25W-25-03**

**OWB
PROPOSAL 1**

Anticollision Report

28 September, 2022

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	9/28/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	20,691.67	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

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						
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,343.34	6,797.28	2,688.31	2,594.73	28.727	CC
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,400.00	6,797.26	2,688.91	2,594.63	28.521	ES
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,900.00	6,797.06	2,745.34	2,646.37	27.739	SF
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	4,638.69	4,117.81	2,413.33	2,377.93	68.159	CC
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	5,000.00	4,498.90	2,415.30	2,376.48	62.220	ES
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,900.00	6,712.30	2,542.57	2,468.64	34.392	SF
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,481.05	6,862.10	3,677.50	3,579.58	37.558	CC
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,500.00	6,863.16	3,677.54	3,579.32	37.441	ES
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	10,600.00	6,920.39	3,843.38	3,731.08	34.222	SF
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	3,152.21	2,942.37	3,302.71	3,280.65	149.714	CC
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	3,300.00	3,072.99	3,303.35	3,279.95	141.136	ES
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	9,800.00	6,885.85	3,983.17	3,896.56	45.989	SF
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	4,991.07	4,570.84	1,455.43	1,339.22	12.524	CC
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	5,200.00	4,757.90	1,458.40	1,337.13	12.026	ES
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	6,800.00	6,209.65	1,663.65	1,507.63	10.663	SF
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	8,811.84	6,760.26	3,185.55	3,105.04	39.571	CC, ES
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	9,800.00	6,915.58	3,334.48	3,242.79	36.364	SF
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	334.49	327.59	1,726.95	1,725.66	1,335.464	CC, ES
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	9,000.00	6,917.41	5,050.14	5,002.13	105.182	SF
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	451.85	419.00	1,462.15	1,459.44	539.259	CC
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	800.00	764.56	1,463.79	1,458.52	277.844	ES
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	5,700.00	5,255.08	2,547.46	2,497.63	51.126	SF
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	100.00	74.19	441.36	441.15	2,062.551	CC, ES
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	2,100.00	1,985.85	785.35	775.48	79.563	SF
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	2,859.19	2,645.83	458.30	438.96	23.703	CC
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	2,900.00	2,683.08	458.62	438.93	23.287	ES
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,200.00	2,952.31	481.95	460.22	22.177	SF
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,411.96	3,142.45	348.82	324.41	14.288	CC, ES
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,600.00	3,309.83	359.02	333.28	13.948	SF
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	306.29	273.26	2,368.91	2,367.79	2,111.898	CC, ES
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	9,900.00	6,803.39	5,597.61	5,532.30	85.706	SF
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	0.00	0.00	2,096.45			
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	7,000.00	10,692.11	2,163.25	2,047.92	18.758	ES
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	7,200.00	10,749.37	2,190.35	2,070.89	18.335	SF
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	6,977.37	10,673.24	1,911.31	1,797.03	16.724	CC
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	7,000.00	10,681.28	1,911.43	1,796.54	16.636	ES
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	7,200.00	10,752.18	1,933.50	1,813.68	16.137	SF

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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 G25-73-1HN - OWB - FINAL SU	7,136.75	10,805.58	1,290.79	1,170.94	10.770	CC, ES
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,300.00	10,845.94	1,322.89	1,197.88	10.582	SF
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,114.56	6,436.00	1,190.44	1,111.95	15.167	CC, ES
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,200.00	6,461.74	1,196.18	1,116.72	15.054	SF
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,646.37	7,065.59	146.44	94.01	2.793	CC
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,700.00	7,059.94	158.14	90.46	2.336	ES, SF
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,589.33	6,498.04	968.60	896.20	13.377	CC
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,600.00	6,499.68	968.66	895.82	13.298	ES
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	8,000.00	6,514.62	1,052.38	964.16	11.929	SF
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,229.87	7,584.14	783.10	718.75	12.168	CC, ES
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,400.00	7,553.07	824.52	754.39	11.757	SF
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	3,055.40	2,820.74	1,458.44	1,437.29	68.931	CC
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	3,100.00	2,861.21	1,458.57	1,437.00	67.631	ES
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	5,300.00	4,858.06	1,760.86	1,723.76	47.460	SF
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	1,075.96	1,056.24	2,364.14	2,359.42	500.548	CC
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	1,200.00	1,173.29	2,364.52	2,359.07	434.067	ES
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	9,200.00	6,795.55	4,276.59	4,212.76	66.999	SF
EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO	5,109.41	4,655.25	552.56	512.64	13.841	CC, ES
EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO	5,300.00	4,826.84	558.84	517.46	13.507	SF
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,182.08	6,511.47	481.34	423.21	8.280	CC
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,200.00	6,527.08	481.60	423.13	8.237	ES
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,300.00	6,609.56	493.45	433.14	8.182	SF
SHELTON 25W-25-01 - OWB - PROPOSAL 1	100.00	100.00	44.44	44.17	165.298	CC
SHELTON 25W-25-01 - OWB - PROPOSAL 1	20,691.67	20,885.73	658.66	-129.93	0.835	Level 1, ES, SF
SHELTON 25W-25-02 - OWB - PROPOSAL 1	200.00	200.00	22.22	21.24	22.543	CC
SHELTON 25W-25-02 - OWB - PROPOSAL 1	20,691.67	20,783.39	328.96	-459.67	0.417	Level 1, ES, SF
SHELTON 25W-25-04 - OWB - PROPOSAL 1	300.00	300.00	22.95	21.25	13.479	CC
SHELTON 25W-25-04 - OWB - PROPOSAL 1	20,691.67	20,611.28	330.06	-458.66	0.418	Level 1, ES, SF
SHELTON 25W-25-05 - OWB - PROPOSAL 1	300.00	300.00	45.54	43.84	26.744	CC
SHELTON 25W-25-05 - OWB - PROPOSAL 1	20,691.67	20,542.73	659.75	-129.00	0.836	Level 1, ES, SF
SHELTON 25W-25-06 - OWB - PROPOSAL 1	300.00	300.00	67.40	65.69	39.581	CC, ES
SHELTON 25W-25-06 - OWB - PROPOSAL 1	20,691.67	20,486.79	989.44	200.65	1.254	Level 3, SF
SHELTON 25W-25-07 - OWB - PROPOSAL 1	300.00	301.00	89.98	88.28	52.735	CC, ES
SHELTON 25W-25-07 - OWB - PROPOSAL 1	20,688.60	20,441.55	1,318.40	529.73	1.672	SF
SHELTON 25W-25-08 - OWB - PROPOSAL 1	300.00	301.00	112.94	111.23	66.188	CC, ES
SHELTON 25W-25-08 - OWB - PROPOSAL 1	20,691.67	20,416.71	1,648.46	859.59	2.090	SF
SHELTON 25W-25-09 - OWB - PROPOSAL 1	300.00	301.00	135.52	133.82	79.423	CC, ES
SHELTON 25W-25-09 - OWB - PROPOSAL 1	20,691.67	20,411.10	1,978.15	1,189.02	2.507	SF
SHELTON 25W-25-10 - OWB - PROPOSAL 1	300.00	302.00	157.38	155.67	92.040	CC, ES
SHELTON 25W-25-10 - OWB - PROPOSAL 1	20,687.64	20,397.10	2,307.84	1,519.33	2.927	SF
SHELTON 25W-25-11 - OWB - PROPOSAL 1	300.00	301.00	180.33	178.62	105.684	CC, ES
SHELTON 25W-25-11 - OWB - PROPOSAL 1	20,687.53	20,403.54	2,636.80	1,848.69	3.346	SF
SHELTON 25W-25-12 - OWB - PROPOSAL 1	300.00	301.00	202.92	201.21	118.921	CC, ES
SHELTON 25W-25-12 - OWB - PROPOSAL 1	20,691.67	20,415.30	2,966.89	2,179.44	3.768	SF
SHELTON 25W-25-13 - OWB - PROPOSAL 1	300.00	301.00	225.50	223.80	132.158	CC, ES
SHELTON 25W-25-13 - OWB - PROPOSAL 1	20,691.67	20,442.82	3,296.59	2,509.72	4.190	SF
SHELTON 25W-25-14 - OWB - PROPOSAL 1	300.00	301.00	247.36	245.66	144.968	CC, ES
SHELTON 25W-25-14 - OWB - PROPOSAL 1	20,681.13	20,499.06	3,626.24	2,839.76	4.611	SF
SHELTON 25W-25-15 - OWB - PROPOSAL 1	300.00	299.00	270.31	268.61	159.087	CC, ES
SHELTON 25W-25-15 - OWB - PROPOSAL 1	20,691.67	20,552.28	3,955.25	3,169.15	5.031	SF
SHELTON 25W-25-16 - OWB - PROPOSAL 1	100.00	100.00	292.90	292.63	1,089.441	CC, ES
SHELTON 25W-25-16 - OWB - PROPOSAL 1	20,691.67	20,616.38	4,284.94	3,499.35	5.454	SF
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,227.50	6,773.85	127.69	60.51	1.901	CC, ES

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Offset Well - Wellbore - Design						
SEC 25-T4N-R65W						
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,300.00	6,772.94	146.83	69.08	1.889	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,200.00	6,753.79	1,068.37	1,001.07	15.874	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,227.35	6,753.02	1,068.02	1,000.89	15.910	CC, ES
SI VERT FREEDOM G 25-5 - OWB - Design #1	9,557.34	6,752.00	1,085.79	871.72	5.072	CC, ES, SF
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,634.04	6,768.71	202.75	101.46	2.002	CC, ES
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,700.00	6,769.08	213.21	104.70	1.965	SF
SI VERT SHELTON 18-25XX GYRO - OWB - FINAL	8,800.00	6,721.44	758.79	657.04	7.457	SF
SI VERT SHELTON 18-25XX GYRO - OWB - FINAL	8,847.20	6,718.12	757.33	656.45	7.507	CC, ES
SI VERT SHELTON 18-25XX GYRO - STK - STK	8,900.00	6,686.97	772.50	669.20	7.478	SF
SI VERT SHELTON 18-25XX GYRO - STK - STK	8,994.72	6,691.94	766.69	664.54	7.505	CC, ES

Anticollision Report

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Offset Well - Wellbore - Design						
SEC 26-T4N-R65W						
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,614.16	6,775.26	2,998.26	2,846.15	19.711	CC
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,700.00	6,774.50	2,999.49	2,846.12	19.557	ES
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	12,100.00	6,770.85	3,037.37	2,879.66	19.259	SF
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,532.27	6,702.64	2,469.50	2,266.50	12.165	CC, ES
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,700.00	6,702.17	2,475.19	2,270.39	12.086	SF
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,792.43	6,703.62	2,332.27	2,095.23	9.839	CC
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,800.00	6,703.55	2,332.28	2,095.15	9.835	ES
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,900.00	6,702.71	2,334.75	2,096.58	9.803	SF
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,592.98	6,694.42	3,787.76	3,583.24	18.521	CC
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,700.00	6,694.28	3,789.27	3,582.90	18.361	ES
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	14,200.00	6,693.65	3,836.09	3,623.17	18.016	SF
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,209.00	6,710.27	3,826.74	3,659.00	22.814	CC
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,300.00	6,709.53	3,827.82	3,658.50	22.607	ES
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	13,000.00	6,704.83	3,907.63	3,729.24	21.905	SF
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,833.86	6,754.74	3,732.60	3,600.89	28.341	CC
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,900.00	6,755.14	3,733.18	3,600.36	28.106	ES
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	11,700.00	6,760.04	3,831.77	3,688.51	26.747	SF
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	10,913.02	6,754.00	2,487.84	2,238.93	9.995	CC, ES
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	11,100.00	6,754.00	2,494.86	2,243.90	9.941	SF
ABND VERT DUPPER 2 - OWB - Design #1	14,894.05	6,704.00	191.84	-162.04	0.542	Level 1, CC
ABND VERT DUPPER 2 - OWB - Design #1	14,900.00	6,704.00	191.93	-163.01	0.541	Level 1, ES, SF
ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO	14,884.64	6,689.74	1,186.53	947.35	4.961	CC, ES, SF
ABND VERT DUPPER R G 26-6 - OWB - Design #1	13,563.47	6,709.00	1,147.11	828.83	3.604	CC, ES, SF
ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO	11,679.54	6,721.22	395.55	241.74	2.572	CC, ES, SF
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,237.48	6,824.88	4,382.89	4,134.78	17.665	CC
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,300.00	6,824.90	4,383.34	4,134.09	17.586	ES
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	15,000.00	6,825.16	4,448.73	4,189.90	17.188	SF
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	10,408.49	6,610.00	4,525.80	4,384.20	31.962	CC
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,500.00	16,730.00	4,603.97	3,948.17	7.020	ES
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,691.67	16,730.00	4,614.42	3,956.32	7.012	SF
EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO	14,200.00	6,702.15	744.55	522.86	3.359	ES, SF
EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO	14,213.24	6,702.09	744.43	522.94	3.361	CC
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,562.32	6,715.00	3,437.16	3,184.36	13.596	CC
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,600.00	6,715.00	3,437.36	3,183.92	13.563	ES
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	15,000.00	6,715.00	3,464.91	3,206.36	13.401	SF
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,077.75	6,723.00	3,980.94	3,621.79	11.084	CC
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,100.00	6,723.00	3,981.00	3,621.44	11.072	ES
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,600.00	6,723.00	4,015.05	3,648.22	10.945	SF
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,271.97	6,692.97	2,394.14	2,224.83	14.140	CC
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,300.00	6,692.72	2,394.31	2,224.65	14.112	ES
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,500.00	6,690.92	2,404.98	2,233.48	14.023	SF
EXIST VERT SHELTON R G 26-8 - OWB - Design #1	10,949.17	6,731.00	1,172.84	923.39	4.702	CC, ES, SF
EXIST VERT SHELTON RG 26-7 - OWB - GYRO	12,321.65	6,710.91	1,192.16	1,021.37	6.980	CC, ES, SF
SI VERT DUPPER 1 - OWB - Design #1	13,761.21	6,704.00	149.02	-174.48	0.461	Level 1, CC, ES, SF
SI VERT SHELTON R G 26-2 - OWB - Design #1	12,502.51	6,704.00	30.27	-259.67	0.104	Level 1, CC, ES, SF
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,948.87	6,725.00	102.24	-147.09	0.410	Level 1, CC, ES, SF

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Separation Factor	Warning
SEC 27-T4N-R65W						
ABND VERT ANDERSON 12-27 - OWB - Design #1	20,339.03	6,769.00	1,260.64	758.67	2.511	CC, ES, SF
ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO	16,965.31	6,715.30	345.34	50.19	1.170	Level 2, CC, ES, SF
ABND VERT BOHLENDER 1 - OWB - Design #1	20,176.52	6,759.00	408.28	-89.12	0.821	Level 1, CC, ES, SF
ABND VERT BOHLENDER 2 GYRO - OWB - GYRO	17,449.65	6,729.32	133.66	-174.75	0.433	Level 1, CC, ES, SF
ABND VERT DUPPER 3 - OWB - Design #1	16,100.00	6,713.00	1,088.08	701.37	2.814	SF
ABND VERT DUPPER 3 - OWB - Design #1	16,108.15	6,713.00	1,088.05	701.35	2.814	CC, ES
ABND VERT KNAUB 22-27 GYRO - OWB - GYRO	18,721.69	6,729.88	1,092.12	749.29	3.186	CC, ES, SF
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,522.30	6,719.34	2,547.95	2,237.74	8.214	CC, ES
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,700.00	6,720.42	2,554.14	2,242.14	8.186	SF
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,530.25	6,716.42	3,662.45	3,351.63	11.783	CC
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,600.00	6,715.69	3,663.12	3,351.08	11.739	ES
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,900.00	6,714.06	3,681.07	3,365.10	11.650	SF
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,734.52	6,730.04	306.57	-36.54	0.894	Level 1, CC, ES, SF
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,673.91	6,633.21	2,567.23	2,226.26	7.529	CC
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,700.00	6,632.94	2,567.37	2,226.04	7.522	ES
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,800.00	6,631.90	2,570.33	2,227.96	7.507	SF
ABND VERT OSTER 4-27 - OWB - Design #1	20,292.77	6,759.00	309.33	-191.22	0.618	Level 1, CC
ABND VERT OSTER 4-27 - OWB - Design #1	20,300.00	6,759.00	309.42	-191.98	0.617	Level 1, ES, SF
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,449.71	6,713.48	4,248.30	3,885.94	11.724	CC
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,500.00	6,713.07	4,248.60	3,885.29	11.694	ES
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,900.00	6,710.52	4,272.09	3,903.01	11.575	SF
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,626.44	6,707.59	3,962.44	3,621.96	11.638	CC
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,700.00	6,707.37	3,963.12	3,621.31	11.594	ES
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	19,100.00	6,706.15	3,990.64	3,643.63	11.500	SF
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,185.01	6,698.71	3,760.46	3,378.04	9.833	CC
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,200.00	6,698.69	3,760.49	3,377.79	9.826	ES
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,500.00	6,698.37	3,773.63	3,386.72	9.753	SF
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,745.34	6,758.58	378.78	41.88	1.124	Level 2, CC, ES, SF
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,333.65	5,985.25	3,636.22	3,346.00	12.529	CC
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,400.00	5,979.83	3,636.83	3,345.67	12.491	ES
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,700.00	5,961.00	3,654.50	3,360.10	12.413	SF
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,140.49	6,887.69	4,396.21	4,067.48	13.374	CC
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,200.00	6,888.48	4,396.61	4,066.75	13.329	ES
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,700.00	6,895.14	4,431.66	4,094.58	13.147	SF
EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY	15,594.62	6,726.99	1,873.32	1,593.66	6.699	CC
EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY	15,600.00	6,727.00	1,873.32	1,593.61	6.697	ES
EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY	15,700.00	6,727.04	1,876.28	1,596.00	6.694	SF
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,606.28	6,254.20	3,115.48	2,860.34	12.211	CC, ES
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,900.00	6,231.69	3,129.20	2,870.77	12.109	SF
EXIST HZ LORY 12N - OWB - FINAL SURVEY	20,691.67	16,819.40	424.49	206.28	1.945	CC, ES, SF
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,256.13	6,706.00	357.67	-32.89	0.916	Level 1, CC
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,300.00	6,706.00	360.35	-33.34	0.915	Level 1, ES, SF
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,548.42	6,714.00	2,793.28	2,394.70	7.008	CC
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,600.00	6,714.00	2,793.75	2,394.43	6.996	ES
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,700.00	6,714.00	2,797.39	2,396.89	6.985	SF
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,941.73	6,747.37	2,676.94	2,301.27	7.126	CC
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	20,000.00	6,749.05	2,677.58	2,301.11	7.112	ES
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	20,100.00	6,752.05	2,681.62	2,304.20	7.105	SF
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,388.45	6,780.98	2,246.83	1,859.00	5.793	CC
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,400.00	6,780.88	2,246.86	1,858.89	5.791	ES
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,500.00	6,780.02	2,249.59	1,860.81	5.786	SF
SI VERT LIBSACK 43-27 - OWB - Design #1	16,192.64	6,716.00	2,305.17	1,916.14	5.925	CC
SI VERT LIBSACK 43-27 - OWB - Design #1	16,200.00	6,716.00	2,305.18	1,916.06	5.924	ES

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	16,300.00	6,716.00	2,307.67	1,917.55	5.915	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		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-98.47	-595.68	-3,998.80	4,043.55								
100.00	100.00	24.99	24.99	0.13	0.03	-98.47	-595.69	-3,998.81	4,042.94	4,042.78	0.16	N/A					
200.00	200.00	114.50	114.50	0.49	0.13	-98.48	-595.90	-3,999.02	4,043.20	4,042.58	0.62	6,547.175					
300.00	300.00	223.28	223.28	0.85	0.25	-98.48	-596.08	-3,999.24	4,043.42	4,042.32	1.10	3,661.872					
400.00	399.98	320.75	320.75	1.21	0.32	-53.88	-596.40	-3,999.35	4,042.56	4,041.03	1.53	2,649.797					
500.00	499.84	413.61	413.61	1.57	0.37	-53.98	-596.57	-3,999.58	4,039.74	4,037.81	1.93	2,091.041					
600.00	599.45	497.60	497.59	1.94	0.42	-54.14	-596.41	-4,000.09	4,035.19	4,032.84	2.35	1,718.571					
700.00	698.70	573.06	573.05	2.32	0.46	-54.33	-595.76	-4,001.00	4,029.09	4,026.33	2.77	1,456.799					
800.00	797.47	660.83	660.79	2.73	0.51	-54.59	-594.30	-4,002.61	4,021.48	4,018.28	3.20	1,255.601					
900.00	895.62	760.62	760.55	3.16	0.55	-54.95	-592.74	-4,004.52	4,011.99	4,008.33	3.66	1,095.283					
1,000.00	993.06	867.40	867.30	3.63	0.60	-55.40	-591.24	-4,006.38	4,000.43	3,996.29	4.15	964.336					
1,100.00	1,089.64	973.37	973.26	4.14	0.65	-55.93	-589.85	-4,007.96	3,986.75	3,982.09	4.66	855.750					
1,200.00	1,185.27	1,071.13	1,070.99	4.70	0.69	-56.52	-588.49	-4,009.28	3,971.11	3,965.91	5.20	764.116					
1,300.00	1,279.82	1,166.64	1,166.48	5.30	0.73	-57.17	-587.15	-4,010.57	3,953.71	3,947.94	5.77	685.071					
1,400.00	1,373.17	1,271.20	1,271.03	5.96	0.77	-57.95	-585.91	-4,011.83	3,934.54	3,928.15	6.39	615.724					
1,500.00	1,465.21	1,384.10	1,383.93	6.67	0.82	-58.86	-584.81	-4,012.67	3,913.39	3,906.34	7.05	554.767					
1,600.00	1,555.84	1,476.65	1,476.46	7.44	0.85	-59.76	-583.81	-4,013.06	3,890.45	3,882.69	7.76	501.271					
1,700.00	1,645.41	1,568.01	1,567.82	8.26	0.88	-60.38	-582.79	-4,013.47	3,866.65	3,858.14	8.51	454.351					
1,800.00	1,734.94	1,663.33	1,663.14	9.09	0.92	-60.93	-581.85	-4,013.78	3,843.07	3,833.79	9.28	414.148					
1,900.00	1,824.47	1,769.41	1,769.21	9.94	0.95	-61.56	-581.07	-4,013.79	3,819.62	3,809.56	10.06	379.647					
2,000.00	1,913.99	1,864.64	1,864.44	10.80	0.97	-62.13	-580.49	-4,013.40	3,796.19	3,785.33	10.85	349.737					
2,100.00	2,003.52	1,953.81	1,953.61	11.66	0.99	-62.67	-579.98	-4,013.01	3,773.13	3,761.47	11.66	323.552					
2,200.00	2,093.05	2,048.19	2,047.98	12.53	1.01	-63.25	-579.59	-4,012.54	3,750.43	3,737.95	12.48	300.504					
2,300.00	2,182.58	2,149.66	2,149.45	13.40	1.02	-63.89	-579.39	-4,011.71	3,727.91	3,714.60	13.31	280.060					
2,400.00	2,272.11	2,243.55	2,243.33	14.28	1.04	-64.49	-579.18	-4,010.66	3,705.53	3,691.38	14.15	261.800					
2,500.00	2,361.63	2,334.37	2,334.15	15.16	1.05	-65.07	-578.92	-4,009.68	3,683.60	3,668.59	15.01	245.448					
2,600.00	2,451.16	2,437.10	2,436.87	16.04	1.07	-65.74	-578.91	-4,008.23	3,661.86	3,645.99	15.87	230.725					
2,700.00	2,540.69	2,533.95	2,533.70	16.92	1.08	-66.39	-579.21	-4,006.39	3,640.25	3,623.50	16.75	217.390					
2,800.00	2,630.22	2,617.91	2,617.64	17.81	1.10	-66.95	-579.52	-4,004.78	3,619.09	3,601.46	17.63	205.289					
2,900.00	2,719.75	2,695.60	2,695.32	18.70	1.11	-67.48	-579.94	-4,003.43	3,598.60	3,580.08	18.52	194.286					
3,000.00	2,809.28	2,790.01	2,789.72	19.58	1.12	-68.14	-580.70	-4,001.80	3,578.67	3,559.25	19.42	184.253					
3,100.00	2,898.80	2,880.79	2,880.47	20.47	1.13	-68.77	-581.52	-4,000.08	3,559.12	3,538.79	20.33	175.059					
3,200.00	2,988.33	2,962.86	2,962.53	21.36	1.15	-69.35	-582.12	-3,998.61	3,540.10	3,518.85	21.25	166.615					
3,300.00	3,077.86	3,038.23	3,037.89	22.26	1.16	-69.88	-582.60	-3,997.51	3,521.82	3,499.65	22.17	158.865					
3,400.00	3,167.39	3,112.72	3,112.37	23.15	1.17	-70.41	-583.23	-3,996.75	3,504.47	3,481.37	23.10	151.732					
3,500.00	3,256.92	3,206.90	3,206.54	24.04	1.18	-71.09	-584.05	-3,995.86	3,487.71	3,463.68	24.03	145.146					
3,600.00	3,346.44	3,279.42	3,279.06	24.93	1.19	-71.61	-584.64	-3,995.35	3,471.64	3,446.67	24.97	139.054					
3,700.00	3,435.97	3,359.49	3,359.13	25.83	1.20	-72.19	-585.30	-3,995.10	3,456.41	3,430.51	25.91	133.417					
3,800.00	3,525.50	3,444.86	3,444.49	26.72	1.21	-72.81	-586.04	-3,994.98	3,441.88	3,415.03	26.85	128.183					
3,900.00	3,615.03	3,535.19	3,534.82	27.62	1.23	-73.47	-586.78	-3,994.92	3,427.92	3,400.12	27.80	123.312					
4,000.00	3,704.56	3,623.10	3,622.73	28.51	1.24	-74.11	-587.16	-3,994.96	3,414.43	3,385.68	28.75	118.767					

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	3,794.09	3,697.54	3,697.17	29.41	1.25	-74.65	-587.61	-3,995.18	3,401.74	3,372.04	29.70	114.524		
4,200.00	3,883.61	3,781.78	3,781.41	30.30	1.26	-75.28	-588.44	-3,995.54	3,389.87	3,359.21	30.66	110.562		
4,300.00	3,973.14	3,869.42	3,869.04	31.20	1.27	-75.94	-589.54	-3,995.89	3,378.65	3,347.02	31.62	106.849		
4,400.00	4,062.67	3,959.53	3,959.14	32.10	1.29	-76.61	-590.75	-3,996.23	3,368.00	3,335.42	32.58	103.364		
4,500.00	4,152.20	4,044.23	4,043.83	32.99	1.30	-77.26	-591.79	-3,996.59	3,357.93	3,324.38	33.55	100.093		
4,600.00	4,241.73	4,124.44	4,124.03	33.89	1.32	-77.86	-592.57	-3,997.30	3,348.66	3,314.15	34.51	97.026		
4,700.00	4,331.26	4,205.62	4,205.21	34.79	1.33	-78.47	-593.22	-3,998.35	3,340.19	3,304.71	35.48	94.147		
4,800.00	4,420.78	4,287.79	4,287.36	35.69	1.34	-79.09	-594.06	-3,999.53	3,332.50	3,296.05	36.45	91.439		
4,900.00	4,510.31	4,380.52	4,380.08	36.58	1.36	-79.79	-595.28	-4,000.78	3,325.47	3,288.05	37.41	88.883		
5,000.00	4,599.84	4,472.55	4,472.09	37.48	1.38	-80.50	-596.39	-4,001.96	3,318.91	3,280.53	38.38	86.468		
5,100.00	4,689.37	4,552.71	4,552.24	38.38	1.39	-81.11	-597.21	-4,003.14	3,312.99	3,273.64	39.35	84.195		
5,200.00	4,778.90	4,639.02	4,638.52	39.28	1.41	-81.77	-598.33	-4,004.63	3,307.97	3,267.65	40.32	82.052		
5,300.00	4,868.42	4,743.62	4,743.10	40.18	1.43	-82.57	-599.84	-4,005.95	3,303.29	3,262.00	41.29	80.011		
5,400.00	4,957.95	4,848.30	4,847.78	41.07	1.45	-83.38	-600.79	-4,007.09	3,298.79	3,256.54	42.25	78.073		
5,500.00	5,047.48	4,944.77	4,944.24	41.97	1.47	-84.12	-601.10	-4,008.10	3,294.53	3,251.31	43.22	76.234		
5,600.00	5,137.01	5,033.38	5,032.85	42.87	1.49	-84.79	-601.22	-4,009.13	3,290.83	3,246.66	44.17	74.497		
5,700.00	5,226.54	5,125.85	5,125.31	43.77	1.51	-85.50	-601.60	-4,010.03	3,287.74	3,242.61	45.13	72.849		
5,800.00	5,316.07	5,223.13	5,222.59	44.67	1.53	-86.25	-601.85	-4,010.74	3,284.99	3,238.90	46.09	71.280		
5,900.00	5,405.59	5,303.01	5,302.47	45.57	1.54	-86.87	-602.05	-4,011.47	3,282.94	3,235.91	47.03	69.802		
6,000.00	5,495.12	5,400.66	5,400.10	46.47	1.57	-87.62	-602.37	-4,012.29	3,281.50	3,233.52	47.98	68.395		
6,100.00	5,584.65	5,485.38	5,484.82	47.37	1.59	-88.28	-602.72	-4,012.90	3,280.62	3,231.70	48.92	67.064		
6,186.66	5,662.24	5,563.28	5,562.73	48.15	1.60	-88.88	-603.15	-4,013.44	3,280.41	3,230.68	49.73	65.967		
6,200.00	5,674.18	5,575.42	5,574.86	48.27	1.61	-88.98	-603.24	-4,013.51	3,280.41	3,230.56	49.85	65.803		
6,300.00	5,763.71	5,669.53	5,668.97	49.16	1.63	-89.71	-603.91	-4,013.91	3,280.74	3,229.96	50.78	64.603		
6,400.00	5,853.23	5,759.01	5,758.45	50.06	1.65	-90.41	-604.41	-4,014.29	3,281.58	3,229.87	51.71	63.466		
6,500.00	5,942.76	5,842.82	5,842.26	50.96	1.67	-91.06	-604.87	-4,014.77	3,283.10	3,230.48	52.62	62.392		
6,600.00	6,032.29	5,933.29	5,932.72	51.86	1.69	-91.77	-605.64	-4,015.25	3,285.41	3,231.88	53.53	61.375		
6,700.00	6,121.82	6,040.47	6,039.89	52.76	1.71	-92.60	-606.16	-4,015.57	3,287.93	3,233.49	54.44	60.397		
6,800.00	6,211.35	6,132.60	6,132.03	53.66	1.73	-93.31	-606.18	-4,015.87	3,290.77	3,235.44	55.33	59.476		
6,900.00	6,300.88	6,223.95	6,223.38	54.56	1.74	-94.02	-606.25	-4,016.25	3,294.30	3,238.09	56.21	58.608		
7,000.00	6,390.40	6,335.68	6,335.11	55.46	1.74	-94.88	-605.91	-4,016.17	3,297.84	3,240.77	57.07	57.784		
7,100.00	6,479.90	6,425.99	6,425.42	56.36	1.75	-93.85	-605.39	-4,016.19	3,301.80	3,243.87	57.92	57.002		
7,200.00	6,565.62	6,525.25	6,524.68	57.41	1.75	-83.96	-604.71	-4,015.87	3,298.95	3,240.04	58.92	55.995		
7,300.00	6,643.25	6,606.99	6,606.41	58.67	1.75	-79.29	-604.08	-4,015.37	3,285.36	3,225.24	60.12	54.646		
7,400.00	6,710.45	6,673.83	6,673.24	60.11	1.75	-77.91	-603.48	-4,015.03	3,262.12	3,200.60	61.52	53.029		
7,500.00	6,765.16	6,727.00	6,726.41	61.71	1.76	-78.82	-602.94	-4,014.85	3,230.49	3,167.43	63.06	51.225		
7,600.00	6,805.74	6,765.35	6,764.76	63.40	1.76	-81.43	-602.54	-4,014.78	3,191.91	3,127.20	64.72	49.321		
7,700.00	6,830.93	6,789.24	6,788.64	65.14	1.76	-85.37	-602.29	-4,014.76	3,147.86	3,081.44	66.42	47.396		
7,800.00	6,839.98	6,797.83	6,797.23	66.86	1.76	-90.32	-602.20	-4,014.75	3,099.82	3,031.72	68.10	45.520		
7,900.00	6,840.00	6,797.81	6,797.22	68.58	1.76	-90.60	-602.20	-4,014.75	3,051.27	2,981.51	69.77	43.736		
8,000.00	6,840.00	6,797.78	6,797.18	70.35	1.76	-90.60	-602.20	-4,014.75	3,005.26	2,933.79	71.47	42.049		
8,100.00	6,840.00	6,797.74	6,797.15	72.18	1.76	-90.60	-602.20	-4,014.75	2,961.91	2,888.71	73.21	40.460		
8,200.00	6,840.00	6,797.70	6,797.11	74.06	1.76	-90.60	-602.20	-4,014.75	2,921.35	2,846.38	74.96	38.970		
8,300.00	6,840.00	6,797.67	6,797.07	75.98	1.76	-90.60	-602.20	-4,014.75	2,883.68	2,806.94	76.74	37.579		
8,400.00	6,840.00	6,797.63	6,797.04	77.96	1.76	-90.60	-602.20	-4,014.75	2,849.02	2,770.51	78.51	36.287		
8,500.00	6,840.00	6,797.60	6,797.00	79.97	1.76	-90.60	-602.20	-4,014.75	2,817.49	2,737.20	80.29	35.092		
8,600.00	6,840.00	6,797.56	6,796.97	82.03	1.76	-90.60	-602.20	-4,014.75	2,789.19	2,707.15	82.05	33.996		
8,700.00	6,840.00	6,797.52	6,796.93	84.12	1.76	-90.60	-602.20	-4,014.75	2,764.22	2,680.44	83.78	32.995		
8,800.00	6,840.00	6,797.49	6,796.89	86.25	1.76	-90.59	-602.20	-4,014.75	2,742.67	2,657.20	85.47	32.088		
8,900.00	6,840.00	6,797.45	6,796.85	88.41	1.76	-90.59	-602.20	-4,014.75	2,724.63	2,637.50	87.12	31.274		
9,000.00	6,840.00	6,797.41	6,796.82	90.60	1.76	-90.59	-602.20	-4,014.75	2,710.15	2,621.44	88.71	30.551		
9,100.00	6,840.00	6,797.37	6,796.78	92.82	1.76	-90.59	-602.21	-4,014.75	2,699.31	2,609.08	90.23	29.916		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,797.34	6,796.74	95.07	1.76	-90.59	-602.21	-4,014.75	2,692.13	2,600.46	91.67	29.368		
9,300.00	6,840.00	6,797.30	6,796.70	97.34	1.76	-90.59	-602.21	-4,014.75	2,688.66	2,595.64	93.02	28.904		
9,343.34	6,840.00	6,797.28	6,796.69	98.33	1.76	-90.59	-602.21	-4,014.75	2,688.31	2,594.73	93.58	28.727 CC		
9,400.00	6,840.00	6,797.26	6,796.67	99.64	1.76	-90.59	-602.21	-4,014.75	2,688.91	2,594.63	94.28	28.521 ES		
9,500.00	6,840.00	6,797.22	6,796.63	101.95	1.76	-90.59	-602.21	-4,014.75	2,692.87	2,597.44	95.44	28.217		
9,600.00	6,840.00	6,797.18	6,796.59	104.29	1.76	-90.59	-602.21	-4,014.75	2,700.54	2,604.05	96.49	27.989		
9,700.00	6,840.00	6,797.14	6,796.55	106.64	1.76	-90.59	-602.21	-4,014.75	2,711.87	2,614.44	97.43	27.835		
9,800.00	6,840.00	6,797.10	6,796.51	109.02	1.76	-90.59	-602.21	-4,014.75	2,726.82	2,628.57	98.25	27.753		
9,900.00	6,840.00	6,797.06	6,796.47	111.41	1.76	-90.59	-602.21	-4,014.75	2,745.34	2,646.37	98.97	27.739 SF		
10,000.00	6,840.00	6,797.03	6,796.43	113.81	1.76	-90.58	-602.21	-4,014.75	2,767.35	2,667.77	99.58	27.790		
10,100.00	6,840.00	6,796.99	6,796.39	116.23	1.76	-90.58	-602.21	-4,014.75	2,792.77	2,692.69	100.08	27.906		
10,200.00	6,840.00	6,796.95	6,796.35	118.67	1.76	-90.58	-602.21	-4,014.75	2,821.51	2,721.03	100.47	28.082		
10,300.00	6,840.00	6,796.90	6,796.31	121.11	1.76	-90.58	-602.21	-4,014.75	2,853.46	2,752.69	100.77	28.317		
10,400.00	6,840.00	6,796.86	6,796.27	123.57	1.76	-90.58	-602.21	-4,014.75	2,888.52	2,787.55	100.97	28.608		
10,500.00	6,840.00	6,796.82	6,796.23	126.04	1.76	-90.58	-602.21	-4,014.75	2,926.58	2,825.50	101.08	28.953		
10,600.00	6,840.00	6,796.78	6,796.19	128.52	1.76	-90.58	-602.21	-4,014.75	2,967.53	2,866.42	101.11	29.350		
10,700.00	6,840.00	6,796.74	6,796.15	131.01	1.76	-90.58	-602.21	-4,014.75	3,011.24	2,910.18	101.06	29.796		
10,800.00	6,840.00	6,796.70	6,796.11	133.51	1.76	-90.58	-602.21	-4,014.75	3,057.59	2,956.65	100.94	30.290		
10,900.00	6,840.00	6,796.66	6,796.06	136.02	1.76	-90.58	-602.21	-4,014.75	3,106.48	3,005.71	100.76	30.829		
11,000.00	6,840.00	6,796.62	6,796.02	138.53	1.76	-90.58	-602.21	-4,014.75	3,157.78	3,057.25	100.53	31.411		
11,100.00	6,840.00	6,796.57	6,795.98	141.06	1.76	-90.58	-602.21	-4,014.75	3,211.37	3,111.12	100.24	32.035		
11,200.00	6,840.00	6,796.53	6,795.94	143.59	1.76	-90.57	-602.21	-4,014.75	3,267.14	3,167.22	99.92	32.699		
11,300.00	6,840.00	6,796.49	6,795.90	146.13	1.76	-90.57	-602.21	-4,014.75	3,324.99	3,225.44	99.55	33.400		
11,400.00	6,840.00	6,796.45	6,795.85	148.68	1.76	-90.57	-602.21	-4,014.75	3,384.80	3,285.65	99.15	34.138		
11,500.00	6,840.00	6,796.40	6,795.81	151.23	1.76	-90.57	-602.22	-4,014.75	3,446.48	3,347.75	98.72	34.911		
11,600.00	6,840.00	6,796.36	6,795.77	153.79	1.76	-90.57	-602.22	-4,014.75	3,509.92	3,411.65	98.27	35.717		
11,700.00	6,840.00	6,796.32	6,795.72	156.35	1.76	-90.57	-602.22	-4,014.75	3,575.03	3,477.23	97.80	36.554		
11,800.00	6,840.00	6,796.27	6,795.68	158.92	1.76	-90.57	-602.22	-4,014.75	3,641.73	3,544.41	97.32	37.422		
11,900.00	6,840.00	6,796.23	6,795.63	161.49	1.76	-90.57	-602.22	-4,014.75	3,709.92	3,613.10	96.82	38.318		
12,000.00	6,840.00	6,796.18	6,795.59	164.07	1.76	-90.57	-602.22	-4,014.75	3,779.53	3,683.22	96.31	39.243		
12,100.00	6,840.00	6,796.14	6,795.54	166.66	1.76	-90.57	-602.22	-4,014.75	3,850.48	3,754.68	95.80	40.193		
12,200.00	6,840.00	6,796.09	6,795.50	169.25	1.76	-90.56	-602.22	-4,014.75	3,922.69	3,827.41	95.28	41.169		
12,300.00	6,840.00	6,796.05	6,795.45	171.84	1.76	-90.56	-602.22	-4,014.75	3,996.10	3,901.34	94.76	42.169		
12,400.00	6,840.00	6,796.00	6,795.41	174.44	1.76	-90.56	-602.22	-4,014.75	4,070.65	3,976.40	94.24	43.192		
12,500.00	6,840.00	6,795.95	6,795.36	177.04	1.76	-90.56	-602.22	-4,014.75	4,146.27	4,052.54	93.73	44.237		
12,600.00	6,840.00	6,795.91	6,795.31	179.64	1.76	-90.56	-602.22	-4,014.75	4,222.90	4,129.68	93.21	45.303		
12,700.00	6,840.00	6,795.86	6,795.27	182.25	1.76	-90.56	-602.22	-4,014.75	4,300.49	4,207.78	92.70	46.389		
12,800.00	6,840.00	6,795.82	6,795.22	184.86	1.76	-90.56	-602.22	-4,014.75	4,378.98	4,286.79	92.20	47.495		
12,900.00	6,840.00	6,795.77	6,795.17	187.47	1.76	-90.56	-602.22	-4,014.75	4,458.34	4,366.64	91.70	48.618		
13,000.00	6,840.00	6,795.72	6,795.13	190.09	1.76	-90.56	-602.22	-4,014.75	4,538.52	4,447.31	91.21	49.760		
13,100.00	6,840.00	6,795.67	6,795.08	192.71	1.76	-90.56	-602.22	-4,014.75	4,619.47	4,528.75	90.72	50.918		
13,200.00	6,840.00	6,795.62	6,795.03	195.34	1.76	-90.55	-602.22	-4,014.75	4,701.15	4,610.90	90.25	52.091		
13,300.00	6,840.00	6,795.58	6,794.98	197.96	1.76	-90.55	-602.22	-4,014.75	4,783.53	4,693.75	89.78	53.281		
13,400.00	6,840.00	6,795.53	6,794.93	200.59	1.76	-90.55	-602.22	-4,014.75	4,866.57	4,777.25	89.32	54.484		
13,500.00	6,840.00	6,795.48	6,794.88	203.22	1.76	-90.55	-602.22	-4,014.75	4,950.24	4,861.36	88.87	55.702		
13,600.00	6,840.00	6,795.43	6,794.84	205.85	1.76	-90.55	-602.23	-4,014.75	5,034.50	4,946.07	88.43	56.933		
13,700.00	6,840.00	6,795.38	6,794.79	208.49	1.76	-90.55	-602.23	-4,014.75	5,119.33	5,031.33	88.00	58.176		
13,800.00	6,840.00	6,795.33	6,794.74	211.13	1.76	-90.55	-602.23	-4,014.75	5,204.69	5,117.12	87.57	59.432		
13,900.00	6,840.00	6,795.28	6,794.69	213.77	1.76	-90.55	-602.23	-4,014.75	5,290.57	5,203.41	87.16	60.699		
14,000.00	6,840.00	6,795.23	6,794.63	216.41	1.76	-90.55	-602.23	-4,014.75	5,376.94	5,290.18	86.76	61.977		
14,100.00	6,840.00	6,795.18	6,794.58	219.06	1.76	-90.55	-602.23	-4,014.75	5,463.77	5,377.41	86.36	63.266		
14,200.00	6,840.00	6,795.13	6,794.53	221.70	1.76	-90.54	-602.23	-4,014.75	5,551.05	5,465.07	85.98	64.565		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,300.00	6,840.00	6,795.07	6,794.48	224.35	1.76	-90.54	-602.23	-4,014.75	5,638.75	5,553.15	85.60	65.873		
14,400.00	6,840.00	6,795.02	6,794.43	227.00	1.76	-90.54	-602.23	-4,014.75	5,726.85	5,641.62	85.23	67.191		
14,500.00	6,840.00	6,794.97	6,794.38	229.65	1.76	-90.54	-602.23	-4,014.75	5,815.34	5,730.46	84.87	68.517		
14,600.00	6,840.00	6,794.92	6,794.32	232.30	1.76	-90.54	-602.23	-4,014.75	5,904.19	5,819.67	84.52	69.851		
14,700.00	6,840.00	6,794.86	6,794.27	234.96	1.76	-90.54	-602.23	-4,014.75	5,993.40	5,909.21	84.18	71.194		
14,800.00	6,840.00	6,794.81	6,794.22	237.61	1.76	-90.54	-602.23	-4,014.75	6,082.94	5,999.09	83.85	72.544		
14,900.00	6,840.00	6,794.76	6,794.16	240.27	1.76	-90.54	-602.23	-4,014.75	6,172.80	6,089.27	83.53	73.901		
15,000.00	6,840.00	6,794.70	6,794.11	242.93	1.76	-90.54	-602.23	-4,014.75	6,262.97	6,179.76	83.21	75.265		
15,100.00	6,840.00	6,794.65	6,794.06	245.59	1.76	-90.53	-602.23	-4,014.75	6,353.43	6,270.53	82.91	76.635		
15,200.00	6,840.00	6,794.59	6,794.00	248.25	1.76	-90.53	-602.23	-4,014.75	6,444.18	6,361.57	82.61	78.011		
15,300.00	6,840.00	6,794.54	6,793.95	250.92	1.76	-90.53	-602.23	-4,014.75	6,535.20	6,452.88	82.31	79.394		
15,400.00	6,840.00	6,794.48	6,793.89	253.58	1.76	-90.53	-602.23	-4,014.75	6,626.47	6,544.44	82.03	80.782		
15,500.00	6,840.00	6,794.43	6,793.83	256.25	1.76	-90.53	-602.24	-4,014.75	6,717.99	6,636.24	81.75	82.175		
15,600.00	6,840.00	6,794.37	6,793.78	258.91	1.76	-90.53	-602.24	-4,014.75	6,809.76	6,728.27	81.48	83.573		
15,700.00	6,840.00	6,794.31	6,793.72	261.58	1.76	-90.53	-602.24	-4,014.75	6,901.75	6,820.53	81.22	84.975		
15,800.00	6,840.00	6,794.26	6,793.66	264.25	1.76	-90.53	-602.24	-4,014.75	6,993.96	6,912.99	80.96	86.383		
15,900.00	6,840.00	6,794.20	6,793.61	266.92	1.76	-90.52	-602.24	-4,014.75	7,086.38	7,005.66	80.72	87.794		
16,000.00	6,840.00	6,794.14	6,793.55	269.59	1.76	-90.52	-602.24	-4,014.75	7,179.00	7,098.53	80.47	89.209		
16,100.00	6,840.00	6,794.08	6,793.49	272.26	1.76	-90.52	-602.24	-4,014.75	7,271.83	7,191.59	80.24	90.628		
16,200.00	6,840.00	6,794.02	6,793.43	274.94	1.76	-90.52	-602.24	-4,014.75	7,364.83	7,284.83	80.01	92.051		
16,300.00	6,840.00	6,793.96	6,793.37	277.61	1.76	-90.52	-602.24	-4,014.75	7,458.02	7,378.24	79.78	93.477		
16,400.00	6,840.00	6,793.91	6,793.31	280.28	1.76	-90.52	-602.24	-4,014.75	7,551.39	7,471.82	79.57	94.906		
16,500.00	6,840.00	6,793.85	6,793.25	282.96	1.76	-90.52	-602.24	-4,014.75	7,644.92	7,565.56	79.36	96.338		
16,600.00	6,840.00	6,793.78	6,793.19	285.64	1.76	-90.52	-602.24	-4,014.76	7,738.61	7,659.46	79.15	97.772		
16,700.00	6,840.00	6,793.72	6,793.13	288.31	1.76	-90.51	-602.24	-4,014.76	7,832.46	7,753.51	78.95	99.209		
16,800.00	6,840.00	6,793.66	6,793.07	290.99	1.76	-90.51	-602.24	-4,014.76	7,926.46	7,847.71	78.75	100.648		
16,900.00	6,840.00	6,793.60	6,793.01	293.67	1.76	-90.51	-602.24	-4,014.76	8,020.60	7,942.04	78.56	102.090		
17,000.00	6,840.00	6,793.54	6,792.94	296.35	1.76	-90.51	-602.24	-4,014.76	8,114.89	8,036.51	78.38	103.533		
17,100.00	6,840.00	6,793.48	6,792.88	299.03	1.76	-90.51	-602.25	-4,014.76	8,209.31	8,131.11	78.20	104.979		
17,200.00	6,840.00	6,793.41	6,792.82	301.71	1.76	-90.51	-602.25	-4,014.76	8,303.86	8,225.83	78.03	106.426		
17,300.00	6,840.00	6,793.35	6,792.76	304.39	1.76	-90.51	-602.25	-4,014.76	8,398.54	8,320.68	77.86	107.874		
17,400.00	6,840.00	6,793.28	6,792.69	307.08	1.76	-90.50	-602.25	-4,014.76	8,493.34	8,415.65	77.69	109.324		
17,500.00	6,840.00	6,793.22	6,792.63	309.76	1.76	-90.50	-602.25	-4,014.76	8,588.25	8,510.72	77.53	110.775		
17,600.00	6,840.00	6,793.15	6,792.56	312.44	1.76	-90.50	-602.25	-4,014.76	8,683.28	8,605.91	77.37	112.227		
17,700.00	6,840.00	6,793.09	6,792.50	315.13	1.76	-90.50	-602.25	-4,014.76	8,778.42	8,701.20	77.22	113.680		
17,800.00	6,840.00	6,793.02	6,792.43	317.81	1.76	-90.50	-602.25	-4,014.76	8,873.67	8,796.60	77.07	115.134		
17,900.00	6,840.00	6,792.96	6,792.36	320.50	1.76	-90.50	-602.25	-4,014.76	8,969.02	8,892.10	76.93	116.588		
18,000.00	6,840.00	6,792.89	6,792.30	323.19	1.76	-90.50	-602.25	-4,014.76	9,064.48	8,987.69	76.79	118.043		
18,100.00	6,840.00	6,792.82	6,792.23	325.87	1.76	-90.50	-602.25	-4,014.76	9,160.03	9,083.37	76.65	119.499		
18,200.00	6,840.00	6,792.75	6,792.16	328.56	1.76	-90.49	-602.25	-4,014.76	9,255.67	9,179.15	76.52	120.955		
18,300.00	6,840.00	6,792.69	6,792.09	331.25	1.76	-90.49	-602.25	-4,014.76	9,351.40	9,275.01	76.39	122.411		
18,400.00	6,840.00	6,792.62	6,792.02	333.94	1.76	-90.49	-602.25	-4,014.76	9,447.22	9,370.96	76.27	123.867		
18,500.00	6,840.00	6,792.55	6,791.95	336.63	1.76	-90.49	-602.25	-4,014.76	9,543.13	9,466.98	76.15	125.323		
18,600.00	6,840.00	6,792.48	6,791.88	339.32	1.76	-90.49	-602.26	-4,014.76	9,639.12	9,563.09	76.03	126.779		
18,700.00	6,840.00	6,792.41	6,791.81	342.01	1.76	-90.49	-602.26	-4,014.76	9,735.20	9,659.28	75.92	128.235		
18,800.00	6,840.00	6,792.33	6,791.74	344.70	1.76	-90.48	-602.26	-4,014.76	9,831.35	9,755.54	75.81	129.690		
18,900.00	6,840.00	6,792.26	6,791.67	347.39	1.76	-90.48	-602.26	-4,014.76	9,927.57	9,851.87	75.70	131.145		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-97.46	-391.81	-2,991.54	3,017.86					
100.00	100.00	27.55	27.55	0.13	0.03	-97.46	-391.82	-2,991.56	3,017.11	3,016.95	0.16	N/A		
200.00	200.00	115.17	115.17	0.49	0.13	-97.46	-391.99	-2,991.87	3,017.49	3,016.87	0.62	4,878.341		
300.00	300.00	210.42	210.42	0.85	0.24	-97.47	-392.11	-2,992.46	3,018.11	3,017.02	1.09	2,756.925		
400.00	399.98	300.89	300.88	1.21	0.32	-52.86	-392.29	-2,993.23	3,017.93	3,016.41	1.53	1,975.073		
500.00	499.84	401.53	401.52	1.57	0.39	-52.98	-392.80	-2,994.20	3,015.80	3,013.84	1.96	1,542.375		
600.00	599.45	513.20	513.18	1.94	0.46	-53.21	-393.51	-2,995.01	3,011.36	3,008.97	2.39	1,260.827		
700.00	698.70	621.06	621.04	2.32	0.52	-53.53	-393.87	-2,995.46	3,004.51	3,001.69	2.82	1,064.960		
800.00	797.47	725.24	725.22	2.73	0.56	-53.93	-393.89	-2,995.71	2,995.42	2,992.16	3.26	919.660		
900.00	895.62	830.56	830.54	3.16	0.59	-54.42	-393.68	-2,995.76	2,984.13	2,980.43	3.70	806.611		
1,000.00	993.06	931.92	931.90	3.63	0.62	-54.99	-393.08	-2,995.65	2,970.71	2,966.54	4.17	712.776		
1,100.00	1,089.64	1,025.55	1,025.53	4.14	0.65	-55.62	-392.11	-2,995.63	2,955.45	2,950.78	4.66	633.862		
1,200.00	1,185.27	1,117.52	1,117.49	4.70	0.69	-56.32	-390.92	-2,995.76	2,938.51	2,933.32	5.19	566.120		
1,300.00	1,279.82	1,207.70	1,207.66	5.30	0.72	-57.10	-389.62	-2,996.03	2,920.00	2,914.24	5.76	507.181		
1,400.00	1,373.17	1,289.68	1,289.63	5.96	0.75	-57.91	-388.42	-2,996.54	2,900.15	2,893.78	6.37	455.573		
1,500.00	1,465.21	1,373.65	1,373.59	6.67	0.78	-58.82	-387.29	-2,997.34	2,879.12	2,872.10	7.03	409.824		
1,600.00	1,555.84	1,460.63	1,460.55	7.44	0.81	-59.84	-386.40	-2,998.33	2,856.93	2,849.19	7.74	369.105		
1,700.00	1,645.41	1,552.23	1,552.15	8.26	0.85	-60.65	-385.81	-2,999.36	2,834.03	2,825.53	8.50	333.298		
1,800.00	1,734.94	1,648.89	1,648.80	9.09	0.88	-61.43	-385.54	-3,000.20	2,811.43	2,802.14	9.29	302.586		
1,900.00	1,824.47	1,748.59	1,748.50	9.94	0.92	-62.24	-385.47	-3,000.70	2,789.07	2,778.97	10.10	276.279		
2,000.00	1,913.99	1,841.52	1,841.43	10.80	0.94	-63.01	-385.06	-3,000.96	2,766.94	2,756.03	10.91	253.585		
2,100.00	2,003.52	1,925.09	1,924.99	11.66	0.97	-63.71	-384.40	-3,001.37	2,745.44	2,733.70	11.74	233.762		
2,200.00	2,093.05	2,005.78	2,005.68	12.53	1.00	-64.38	-383.81	-3,001.99	2,724.74	2,712.15	12.59	216.369		
2,300.00	2,182.58	2,083.48	2,083.38	13.40	1.03	-65.05	-383.40	-3,002.88	2,704.95	2,691.49	13.46	201.013		
2,400.00	2,272.11	2,166.81	2,166.70	14.28	1.06	-65.77	-383.24	-3,004.06	2,686.05	2,671.72	14.33	187.387		
2,500.00	2,361.63	2,257.41	2,257.29	15.16	1.09	-66.57	-383.49	-3,005.34	2,667.86	2,652.63	15.23	175.220		
2,600.00	2,451.16	2,377.06	2,376.93	16.04	1.10	-67.64	-383.99	-3,006.38	2,649.91	2,633.79	16.11	164.439		
2,700.00	2,540.69	2,518.26	2,518.12	16.92	1.11	-68.94	-383.61	-3,005.40	2,631.00	2,614.01	16.99	154.846		
2,800.00	2,630.22	2,624.63	2,624.46	17.81	1.11	-69.95	-384.11	-3,002.85	2,611.56	2,593.67	17.89	145.976		
2,900.00	2,719.75	2,717.48	2,717.27	18.70	1.12	-70.86	-384.59	-3,000.16	2,592.41	2,573.61	18.80	137.859		
3,000.00	2,809.28	2,803.57	2,803.33	19.58	1.13	-71.70	-384.78	-2,997.77	2,573.96	2,554.23	19.73	130.462		
3,100.00	2,898.80	2,880.37	2,880.10	20.47	1.13	-72.45	-384.78	-2,995.95	2,556.47	2,535.80	20.66	123.713		
3,200.00	2,988.33	2,959.46	2,959.19	21.36	1.14	-73.23	-384.64	-2,994.52	2,540.06	2,518.46	21.61	117.565		
3,300.00	3,077.86	3,040.90	3,040.61	22.26	1.15	-74.04	-384.51	-2,993.35	2,524.69	2,502.13	22.55	111.945		
3,400.00	3,167.39	3,122.69	3,122.40	23.15	1.16	-74.85	-384.54	-2,992.33	2,510.27	2,486.77	23.51	106.793		
3,500.00	3,256.92	3,201.02	3,200.72	24.04	1.16	-75.65	-385.00	-2,991.47	2,496.94	2,472.47	24.46	102.063		
3,600.00	3,346.44	3,277.12	3,276.81	24.93	1.17	-76.44	-386.14	-2,990.66	2,484.80	2,459.37	25.43	97.710		
3,700.00	3,435.97	3,386.80	3,386.45	25.83	1.18	-77.60	-388.28	-2,989.20	2,473.50	2,447.10	26.40	93.702		
3,800.00	3,525.50	3,482.66	3,482.30	26.72	1.19	-78.61	-388.90	-2,987.78	2,462.28	2,434.92	27.36	89.986		
3,900.00	3,615.03	3,566.82	3,566.46	27.62	1.20	-79.47	-388.52	-2,987.09	2,451.84	2,423.51	28.33	86.553		
4,000.00	3,704.56	3,647.96	3,647.59	28.51	1.22	-80.29	-387.74	-2,986.99	2,442.43	2,413.13	29.29	83.376		
4,100.00	3,794.09	3,726.95	3,726.58	29.41	1.24	-81.10	-386.93	-2,987.30	2,434.13	2,403.87	30.26	80.437		
4,200.00	3,883.61	3,800.00	3,799.62	30.30	1.25	-81.84	-386.31	-2,987.94	2,427.06	2,395.83	31.23	77.725		
4,300.00	3,973.14	3,873.15	3,872.77	31.20	1.27	-82.59	-386.07	-2,988.94	2,421.38	2,389.19	32.19	75.228		
4,400.00	4,062.67	3,943.06	3,942.66	32.10	1.28	-83.31	-386.40	-2,990.22	2,417.22	2,384.07	33.14	72.930		
4,500.00	4,152.20	4,013.59	4,013.17	32.99	1.30	-84.04	-387.35	-2,991.77	2,414.59	2,380.50	34.10	70.818		
4,600.00	4,241.73	4,087.33	4,086.87	33.89	1.31	-84.82	-388.88	-2,993.64	2,413.42	2,378.38	35.04	68.872		
4,638.69	4,276.36	4,117.81	4,117.33	34.24	1.32	-85.14	-389.65	-2,994.47	2,413.33	2,377.93	35.41	68.159 CC		
4,700.00	4,331.26	4,168.56	4,168.04	34.79	1.32	-85.68	-391.07	-2,995.83	2,413.53	2,377.55	35.99	67.070		
4,800.00	4,420.78	4,284.40	4,283.81	35.69	1.35	-86.91	-394.02	-2,998.80	2,414.36	2,377.42	36.94	65.357		
4,900.00	4,510.31	4,400.13	4,399.50	36.58	1.37	-88.11	-394.85	-3,001.62	2,414.74	2,376.85	37.89	63.735		
5,000.00	4,599.84	4,498.90	4,498.23	37.48	1.40	-89.10	-394.41	-3,004.20	2,415.30	2,376.48	38.82	62.220 ES		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,587.07	4,586.37	38.38	1.42	-89.99	-393.65	-3,006.70	2,416.49	2,376.75	39.74	60.811		
5,200.00	4,778.90	4,652.82	4,652.08	39.28	1.44	-90.64	-393.23	-3,008.86	2,418.87	2,378.23	40.64	59.525		
5,300.00	4,868.42	4,723.44	4,722.64	40.18	1.45	-91.35	-393.43	-3,011.72	2,423.01	2,381.48	41.52	58.351		
5,400.00	4,957.95	4,828.32	4,827.44	41.07	1.48	-92.39	-393.93	-3,015.80	2,427.95	2,385.52	42.43	57.225		
5,500.00	5,047.48	4,933.83	4,932.89	41.97	1.51	-93.44	-393.63	-3,019.38	2,432.77	2,389.45	43.32	56.156		
5,600.00	5,137.01	5,012.77	5,011.76	42.87	1.53	-94.21	-393.23	-3,022.45	2,438.47	2,394.29	44.19	55.187		
5,700.00	5,226.54	5,093.95	5,092.86	43.77	1.55	-95.00	-393.00	-3,025.94	2,445.27	2,400.23	45.04	54.290		
5,800.00	5,316.07	5,250.31	5,249.17	44.67	1.58	-96.56	-392.78	-3,029.80	2,451.92	2,405.99	45.93	53.384		
5,900.00	5,405.59	5,400.84	5,399.68	45.57	1.59	-98.11	-390.92	-3,028.82	2,456.69	2,409.91	46.78	52.520		
6,000.00	5,495.12	5,531.94	5,530.67	46.47	1.61	-99.41	-385.69	-3,027.79	2,460.10	2,412.49	47.61	51.677		
6,100.00	5,584.65	5,600.00	5,598.65	47.37	1.63	-100.07	-382.47	-3,027.62	2,464.14	2,415.73	48.41	50.897		
6,200.00	5,674.18	5,645.48	5,644.11	48.27	1.63	-100.51	-381.02	-3,027.60	2,470.20	2,421.00	49.19	50.216		
6,300.00	5,763.71	5,700.00	5,698.62	49.16	1.63	-101.07	-380.90	-3,027.61	2,478.91	2,428.97	49.94	49.634		
6,400.00	5,853.23	5,743.96	5,742.57	50.06	1.63	-101.52	-381.63	-3,027.66	2,489.78	2,439.11	50.67	49.136		
6,500.00	5,942.76	5,814.98	5,813.58	50.96	1.64	-102.25	-383.29	-3,027.83	2,502.30	2,450.90	51.40	48.683		
6,600.00	6,032.29	5,892.86	5,891.43	51.86	1.65	-103.05	-385.61	-3,027.98	2,516.07	2,463.96	52.12	48.277		
6,700.00	6,121.82	5,984.35	5,982.86	52.76	1.65	-104.00	-388.73	-3,027.81	2,530.79	2,477.96	52.83	47.904		
6,800.00	6,211.35	6,097.09	6,095.54	53.66	1.66	-105.16	-392.30	-3,026.88	2,545.85	2,492.30	53.55	47.541		
6,900.00	6,300.88	6,203.10	6,201.51	54.56	1.67	-106.24	-394.79	-3,025.65	2,560.89	2,506.64	54.25	47.207		
7,000.00	6,390.40	6,308.03	6,306.42	55.46	1.68	-107.28	-396.41	-3,024.58	2,576.10	2,521.17	54.93	46.897		
7,100.00	6,479.90	6,402.45	6,400.83	56.36	1.68	-107.35	-397.25	-3,024.03	2,591.62	2,536.03	55.59	46.618		
7,200.00	6,565.62	6,484.19	6,482.57	57.41	1.69	-95.35	-397.78	-3,023.86	2,602.59	2,546.23	56.36	46.179		
7,300.00	6,643.25	6,552.60	6,550.98	58.67	1.70	-89.37	-398.30	-3,023.91	2,606.23	2,548.93	57.30	45.483		
7,400.00	6,710.45	6,609.93	6,608.31	60.11	1.71	-86.43	-398.91	-3,024.11	2,603.34	2,544.94	58.40	44.578		
7,500.00	6,765.16	6,654.06	6,652.43	61.71	1.71	-85.38	-399.57	-3,024.23	2,594.78	2,535.17	59.61	43.529		
7,600.00	6,805.74	6,686.48	6,684.84	63.40	1.72	-85.62	-400.21	-3,024.25	2,581.49	2,520.60	60.89	42.395		
7,700.00	6,830.93	6,706.58	6,704.94	65.14	1.72	-86.74	-400.66	-3,024.24	2,564.35	2,502.16	62.19	41.237		
7,800.00	6,839.98	6,713.79	6,712.15	66.86	1.72	-88.51	-400.84	-3,024.23	2,544.17	2,480.74	63.43	40.108		
7,900.00	6,840.00	6,713.66	6,712.02	68.58	1.72	-88.62	-400.83	-3,024.23	2,524.30	2,459.68	64.62	39.061		
8,000.00	6,840.00	6,713.52	6,711.88	70.35	1.72	-88.61	-400.83	-3,024.23	2,508.26	2,442.46	65.79	38.123		
8,100.00	6,840.00	6,713.37	6,711.74	72.18	1.72	-88.61	-400.83	-3,024.23	2,496.12	2,429.19	66.93	37.293		
8,200.00	6,840.00	6,713.24	6,711.60	74.06	1.72	-88.61	-400.82	-3,024.23	2,487.95	2,419.92	68.03	36.573		
8,300.00	6,840.00	6,713.10	6,711.46	75.98	1.72	-88.60	-400.82	-3,024.23	2,483.77	2,414.70	69.07	35.959		
8,353.71	6,840.00	6,713.02	6,711.38	77.04	1.72	-88.60	-400.82	-3,024.23	2,483.19	2,413.58	69.61	35.670		
8,400.00	6,840.00	6,712.96	6,711.32	77.96	1.72	-88.60	-400.82	-3,024.23	2,483.62	2,413.56	70.06	35.450		
8,500.00	6,840.00	6,712.82	6,711.19	79.97	1.72	-88.60	-400.81	-3,024.23	2,487.50	2,416.52	70.98	35.044		
8,600.00	6,840.00	6,712.69	6,711.05	82.03	1.72	-88.59	-400.81	-3,024.23	2,495.38	2,423.54	71.83	34.738		
8,700.00	6,840.00	6,712.56	6,710.92	84.12	1.72	-88.59	-400.81	-3,024.23	2,507.22	2,434.61	72.61	34.530		
8,800.00	6,840.00	6,712.43	6,710.79	86.25	1.72	-88.59	-400.80	-3,024.23	2,522.98	2,449.67	73.31	34.416		
8,900.00	6,840.00	6,712.30	6,710.66	88.41	1.72	-88.58	-400.80	-3,024.23	2,542.57	2,468.64	73.93	34.392 SF		
9,000.00	6,840.00	6,712.17	6,710.53	90.60	1.72	-88.58	-400.80	-3,024.23	2,565.92	2,491.45	74.47	34.456		
9,100.00	6,840.00	6,712.04	6,710.40	92.82	1.72	-88.58	-400.79	-3,024.23	2,592.91	2,517.98	74.93	34.604		
9,200.00	6,840.00	6,711.92	6,710.28	95.07	1.72	-88.58	-400.79	-3,024.23	2,623.44	2,548.13	75.32	34.832		
9,300.00	6,840.00	6,711.79	6,710.15	97.34	1.72	-88.57	-400.79	-3,024.23	2,657.39	2,581.76	75.63	35.137		
9,400.00	6,840.00	6,711.67	6,710.03	99.64	1.72	-88.57	-400.79	-3,024.23	2,694.62	2,618.75	75.87	35.516		
9,500.00	6,840.00	6,711.55	6,709.91	101.95	1.72	-88.57	-400.78	-3,024.23	2,735.00	2,658.95	76.05	35.964		
9,600.00	6,840.00	6,711.43	6,709.79	104.29	1.72	-88.56	-400.78	-3,024.23	2,778.39	2,702.23	76.17	36.478		
9,700.00	6,840.00	6,711.31	6,709.67	106.64	1.72	-88.56	-400.78	-3,024.23	2,824.67	2,748.44	76.23	37.055		
9,800.00	6,840.00	6,711.19	6,709.55	109.02	1.72	-88.56	-400.77	-3,024.23	2,873.67	2,797.43	76.24	37.693		
9,900.00	6,840.00	6,711.07	6,709.43	111.41	1.72	-88.56	-400.77	-3,024.23	2,925.28	2,849.07	76.20	38.387		
10,000.00	6,840.00	6,710.96	6,709.32	113.81	1.72	-88.55	-400.77	-3,024.23	2,979.35	2,903.22	76.13	39.135		
10,100.00	6,840.00	6,710.84	6,709.20	116.23	1.72	-88.55	-400.77	-3,024.23	3,035.75	2,959.73	76.02	39.934		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,710.73	6,709.09	118.67	1.72	-88.55	-400.76	-3,024.23	3,094.35	3,018.48	75.88	40.781		
10,300.00	6,840.00	6,710.61	6,708.98	121.11	1.72	-88.55	-400.76	-3,024.23	3,155.04	3,079.33	75.71	41.674		
10,400.00	6,840.00	6,710.50	6,708.86	123.57	1.72	-88.54	-400.76	-3,024.23	3,217.69	3,142.18	75.51	42.610		
10,500.00	6,840.00	6,710.39	6,708.75	126.04	1.72	-88.54	-400.75	-3,024.23	3,282.19	3,206.89	75.30	43.587		
10,600.00	6,840.00	6,710.28	6,708.64	128.52	1.72	-88.54	-400.75	-3,024.24	3,348.44	3,273.37	75.07	44.602		
10,700.00	6,840.00	6,710.17	6,708.54	131.01	1.72	-88.54	-400.75	-3,024.24	3,416.33	3,341.50	74.83	45.654		
10,800.00	6,840.00	6,710.07	6,708.43	133.51	1.72	-88.53	-400.75	-3,024.24	3,485.77	3,411.19	74.58	46.740		
10,900.00	6,840.00	6,709.96	6,708.32	136.02	1.72	-88.53	-400.74	-3,024.24	3,556.66	3,482.34	74.32	47.859		
11,000.00	6,840.00	6,709.86	6,708.22	138.53	1.72	-88.53	-400.74	-3,024.24	3,628.92	3,554.88	74.05	49.008		
11,100.00	6,840.00	6,709.75	6,708.11	141.06	1.72	-88.53	-400.74	-3,024.24	3,702.48	3,628.70	73.77	50.187		
11,200.00	6,840.00	6,709.65	6,708.01	143.59	1.72	-88.52	-400.74	-3,024.24	3,777.25	3,703.75	73.50	51.392		
11,300.00	6,840.00	6,709.55	6,707.91	146.13	1.72	-88.52	-400.73	-3,024.24	3,853.16	3,779.94	73.22	52.624		
11,400.00	6,840.00	6,709.45	6,707.81	148.68	1.72	-88.52	-400.73	-3,024.24	3,930.15	3,857.21	72.94	53.880		
11,500.00	6,840.00	6,700.00	6,698.36	151.23	1.72	-88.30	-400.51	-3,024.25	4,008.18	3,935.55	72.63	55.189		
11,600.00	6,840.00	6,700.00	6,698.36	153.79	1.72	-88.30	-400.51	-3,024.25	4,087.14	4,014.79	72.35	56.490		
11,700.00	6,840.00	6,700.00	6,698.36	156.35	1.72	-88.30	-400.51	-3,024.25	4,167.01	4,094.93	72.08	57.811		
11,800.00	6,840.00	6,700.00	6,698.36	158.92	1.72	-88.30	-400.51	-3,024.25	4,247.74	4,175.92	71.81	59.152		
11,900.00	6,840.00	6,700.00	6,698.36	161.49	1.72	-88.30	-400.51	-3,024.25	4,329.26	4,257.72	71.55	60.511		
12,000.00	6,840.00	6,700.00	6,698.36	164.07	1.72	-88.30	-400.51	-3,024.25	4,411.55	4,340.26	71.28	61.887		
12,100.00	6,840.00	6,700.00	6,698.36	166.66	1.72	-88.30	-400.51	-3,024.25	4,494.55	4,423.53	71.03	63.279		
12,200.00	6,840.00	6,700.00	6,698.36	169.25	1.72	-88.30	-400.51	-3,024.25	4,578.24	4,507.46	70.78	64.687		
12,300.00	6,840.00	6,700.00	6,698.36	171.84	1.72	-88.30	-400.51	-3,024.25	4,662.57	4,592.04	70.53	66.109		
12,400.00	6,840.00	6,700.00	6,698.36	174.44	1.72	-88.30	-400.51	-3,024.25	4,747.50	4,677.22	70.29	67.545		
12,500.00	6,840.00	6,700.00	6,698.36	177.04	1.72	-88.30	-400.51	-3,024.25	4,833.02	4,762.96	70.05	68.993		
12,600.00	6,840.00	6,700.00	6,698.36	179.64	1.72	-88.30	-400.51	-3,024.25	4,919.07	4,849.25	69.82	70.454		
12,700.00	6,840.00	6,700.00	6,698.36	182.25	1.72	-88.30	-400.51	-3,024.25	5,005.65	4,936.06	69.59	71.925		
12,800.00	6,840.00	6,700.00	6,698.36	184.86	1.72	-88.30	-400.51	-3,024.25	5,092.72	5,023.34	69.38	73.408		
12,900.00	6,840.00	6,700.00	6,698.36	187.47	1.72	-88.30	-400.51	-3,024.25	5,180.26	5,111.09	69.16	74.901		
13,000.00	6,840.00	6,700.00	6,698.36	190.09	1.72	-88.30	-400.51	-3,024.25	5,268.24	5,199.28	68.95	76.403		
13,100.00	6,840.00	6,700.00	6,698.36	192.71	1.72	-88.30	-400.51	-3,024.25	5,356.64	5,287.89	68.75	77.914		
13,200.00	6,840.00	6,700.00	6,698.36	195.34	1.72	-88.30	-400.51	-3,024.25	5,445.44	5,376.89	68.55	79.433		
13,300.00	6,840.00	6,700.00	6,698.36	197.96	1.72	-88.30	-400.51	-3,024.25	5,534.62	5,466.26	68.36	80.960		
13,400.00	6,840.00	6,700.00	6,698.36	200.59	1.72	-88.30	-400.51	-3,024.25	5,624.17	5,556.00	68.18	82.495		
13,500.00	6,840.00	6,700.00	6,698.36	203.22	1.72	-88.30	-400.51	-3,024.25	5,714.07	5,646.07	68.00	84.037		
13,600.00	6,840.00	6,700.00	6,698.36	205.85	1.72	-88.30	-400.51	-3,024.25	5,804.29	5,736.47	67.82	85.584		
13,700.00	6,840.00	6,700.00	6,698.36	208.49	1.72	-88.30	-400.51	-3,024.25	5,894.84	5,827.19	67.65	87.138		
13,800.00	6,840.00	6,700.00	6,698.36	211.13	1.72	-88.30	-400.51	-3,024.25	5,985.68	5,918.19	67.48	88.698		
13,900.00	6,840.00	6,700.00	6,698.36	213.77	1.72	-88.30	-400.51	-3,024.25	6,076.81	6,009.48	67.32	90.263		
14,000.00	6,840.00	6,700.00	6,698.36	216.41	1.72	-88.30	-400.51	-3,024.25	6,168.21	6,101.04	67.17	91.832		
14,100.00	6,840.00	6,700.00	6,698.36	219.06	1.72	-88.30	-400.51	-3,024.25	6,259.88	6,192.86	67.02	93.406		
14,200.00	6,840.00	6,700.00	6,698.36	221.70	1.72	-88.30	-400.51	-3,024.25	6,351.80	6,284.93	66.87	94.985		
14,300.00	6,840.00	6,700.00	6,698.36	224.35	1.72	-88.30	-400.51	-3,024.25	6,443.96	6,377.23	66.73	96.567		
14,400.00	6,840.00	6,700.00	6,698.36	227.00	1.72	-88.30	-400.51	-3,024.25	6,536.35	6,469.76	66.59	98.153		
14,500.00	6,840.00	6,700.00	6,698.36	229.65	1.72	-88.30	-400.51	-3,024.25	6,628.96	6,562.50	66.46	99.742		
14,600.00	6,840.00	6,700.00	6,698.36	232.30	1.72	-88.30	-400.51	-3,024.25	6,721.78	6,655.45	66.33	101.334		
14,700.00	6,840.00	6,700.00	6,698.36	234.96	1.72	-88.30	-400.51	-3,024.25	6,814.81	6,748.60	66.21	102.929		
14,800.00	6,840.00	6,700.00	6,698.36	237.61	1.72	-88.30	-400.51	-3,024.25	6,908.03	6,841.94	66.09	104.526		
14,900.00	6,840.00	6,700.00	6,698.36	240.27	1.72	-88.30	-400.51	-3,024.25	7,001.44	6,935.47	65.97	106.126		
15,000.00	6,840.00	6,700.00	6,698.36	242.93	1.72	-88.30	-400.51	-3,024.25	7,095.03	7,029.17	65.86	107.727		
15,100.00	6,840.00	6,700.00	6,698.36	245.59	1.72	-88.30	-400.51	-3,024.25	7,188.79	7,123.03	65.75	109.331		
15,200.00	6,840.00	6,700.00	6,698.36	248.25	1.72	-88.30	-400.51	-3,024.25	7,282.71	7,217.06	65.65	110.935		
15,300.00	6,840.00	6,700.00	6,698.36	250.92	1.72	-88.30	-400.51	-3,024.25	7,376.80	7,311.25	65.55	112.542		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,400.00	6,840.00	6,700.00	6,698.36	253.58	1.72	-88.30	-400.51	-3,024.25	7,471.04	7,405.59	65.45	114.149		
15,500.00	6,840.00	6,700.00	6,698.36	256.25	1.72	-88.30	-400.51	-3,024.25	7,565.43	7,500.07	65.36	115.757		
15,600.00	6,840.00	6,700.00	6,698.36	258.91	1.72	-88.30	-400.51	-3,024.25	7,659.96	7,594.69	65.27	117.367		
15,700.00	6,840.00	6,700.00	6,698.36	261.58	1.72	-88.30	-400.51	-3,024.25	7,754.62	7,689.45	65.18	118.976		
15,800.00	6,840.00	6,700.00	6,698.36	264.25	1.72	-88.30	-400.51	-3,024.25	7,849.42	7,784.33	65.09	120.586		
15,900.00	6,840.00	6,700.00	6,698.36	266.92	1.72	-88.30	-400.51	-3,024.25	7,944.35	7,879.34	65.01	122.197		
16,000.00	6,840.00	6,700.00	6,698.36	269.59	1.72	-88.30	-400.51	-3,024.25	8,039.40	7,974.46	64.93	123.807		
16,100.00	6,840.00	6,700.00	6,698.36	272.26	1.72	-88.30	-400.51	-3,024.25	8,134.57	8,069.71	64.86	125.418		
16,200.00	6,840.00	6,700.00	6,698.36	274.94	1.72	-88.30	-400.51	-3,024.25	8,229.85	8,165.06	64.79	127.028		
16,300.00	6,840.00	6,700.00	6,698.36	277.61	1.72	-88.30	-400.51	-3,024.25	8,325.25	8,260.53	64.72	128.638		
16,400.00	6,840.00	6,700.00	6,698.36	280.28	1.72	-88.30	-400.51	-3,024.25	8,420.75	8,356.09	64.65	130.248		
16,500.00	6,840.00	6,700.00	6,698.36	282.96	1.72	-88.30	-400.51	-3,024.25	8,516.35	8,451.76	64.59	131.857		
16,600.00	6,840.00	6,700.00	6,698.36	285.64	1.72	-88.30	-400.51	-3,024.25	8,612.05	8,547.53	64.53	133.465		
16,700.00	6,840.00	6,700.00	6,698.36	288.31	1.72	-88.30	-400.51	-3,024.25	8,707.85	8,643.39	64.47	135.072		
16,800.00	6,840.00	6,700.00	6,698.36	290.99	1.72	-88.30	-400.51	-3,024.25	8,803.75	8,739.34	64.41	136.679		
16,900.00	6,840.00	6,700.00	6,698.36	293.67	1.72	-88.30	-400.51	-3,024.25	8,899.73	8,835.37	64.36	138.284		
17,000.00	6,840.00	6,700.00	6,698.36	296.35	1.72	-88.30	-400.51	-3,024.25	8,995.80	8,931.50	64.31	139.888		
17,100.00	6,840.00	6,700.00	6,698.36	299.03	1.72	-88.30	-400.51	-3,024.25	9,091.96	9,027.70	64.26	141.491		
17,200.00	6,840.00	6,700.00	6,698.36	301.71	1.72	-88.30	-400.51	-3,024.25	9,188.20	9,123.99	64.21	143.093		
17,300.00	6,840.00	6,700.00	6,698.36	304.39	1.72	-88.30	-400.51	-3,024.25	9,284.52	9,220.35	64.17	144.693		
17,400.00	6,840.00	6,700.00	6,698.36	307.08	1.72	-88.30	-400.51	-3,024.25	9,380.91	9,316.79	64.12	146.291		
17,500.00	6,840.00	6,700.00	6,698.36	309.76	1.72	-88.30	-400.51	-3,024.25	9,477.38	9,413.30	64.08	147.888		
17,600.00	6,840.00	6,700.00	6,698.36	312.44	1.72	-88.30	-400.51	-3,024.25	9,573.92	9,509.88	64.05	149.483		
17,700.00	6,840.00	6,700.00	6,698.36	315.13	1.72	-88.30	-400.51	-3,024.25	9,670.54	9,606.53	64.01	151.076		
17,800.00	6,840.00	6,700.00	6,698.36	317.81	1.72	-88.30	-400.51	-3,024.25	9,767.22	9,703.24	63.98	152.667		
17,900.00	6,840.00	6,700.00	6,698.36	320.50	1.72	-88.30	-400.51	-3,024.25	9,863.96	9,800.02	63.95	154.257		
18,000.00	6,840.00	6,700.00	6,698.36	323.19	1.72	-88.30	-400.51	-3,024.25	9,960.77	9,896.86	63.92	155.844		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-112.92	-1,732.30	-4,096.64	4,448.48					
100.00	100.00	26.35	26.35	0.13	0.03	-112.92	-1,732.27	-4,096.65	4,447.84	4,447.68	0.16	N/A		
200.00	200.00	135.46	135.46	0.49	0.15	-112.91	-1,731.53	-4,096.84	4,447.74	4,447.09	0.64	6,913.788		
300.00	300.00	233.74	233.73	0.85	0.26	-112.90	-1,730.39	-4,096.95	4,447.40	4,446.29	1.11	4,008.645		
400.00	399.98	316.51	316.50	1.21	0.33	-68.28	-1,729.56	-4,097.39	4,446.83	4,445.31	1.52	2,917.046		
500.00	499.84	446.07	446.05	1.57	0.41	-68.38	-1,727.94	-4,097.75	4,444.64	4,442.68	1.96	2,268.526		
600.00	599.45	549.69	549.65	1.94	0.47	-68.54	-1,726.76	-4,097.65	4,440.89	4,438.51	2.38	1,864.623		
700.00	698.70	632.22	632.18	2.32	0.52	-68.74	-1,725.79	-4,097.62	4,435.94	4,433.15	2.80	1,585.038		
800.00	797.47	700.00	699.96	2.73	0.54	-68.97	-1,725.20	-4,098.03	4,430.44	4,427.22	3.22	1,375.281		
900.00	895.62	830.47	830.42	3.16	0.60	-69.37	-1,723.58	-4,098.83	4,423.59	4,419.89	3.70	1,197.018		
1,000.00	993.06	916.77	916.72	3.63	0.65	-69.75	-1,722.98	-4,098.99	4,415.45	4,411.26	4.19	1,055.055		
1,100.00	1,089.64	998.42	998.36	4.14	0.68	-70.17	-1,722.17	-4,099.53	4,406.51	4,401.80	4.71	936.271		
1,200.00	1,185.27	1,117.33	1,117.26	4.70	0.74	-70.77	-1,720.83	-4,100.28	4,396.46	4,391.18	5.28	832.599		
1,300.00	1,279.82	1,189.99	1,189.92	5.30	0.77	-71.26	-1,720.29	-4,100.68	4,385.49	4,379.61	5.88	745.542		
1,400.00	1,373.17	1,313.69	1,313.60	5.96	0.82	-72.03	-1,719.18	-4,101.26	4,373.55	4,367.00	6.55	667.949		
1,500.00	1,465.21	1,371.87	1,371.79	6.67	0.83	-72.56	-1,718.83	-4,101.54	4,360.86	4,353.62	7.24	602.078		
1,600.00	1,555.84	1,453.68	1,453.59	7.44	0.86	-73.24	-1,718.71	-4,102.17	4,347.93	4,339.93	8.01	543.013		
1,700.00	1,645.41	1,551.02	1,550.92	8.26	0.89	-73.85	-1,718.24	-4,103.00	4,334.63	4,325.80	8.83	491.128		
1,800.00	1,734.94	1,630.39	1,630.30	9.09	0.92	-74.29	-1,717.90	-4,103.57	4,321.61	4,311.95	9.66	447.289		
1,900.00	1,824.47	1,700.00	1,699.89	9.94	0.95	-74.68	-1,717.50	-4,104.62	4,309.54	4,299.03	10.51	410.043		
2,000.00	1,913.99	1,835.87	1,835.75	10.80	1.00	-75.45	-1,716.84	-4,106.01	4,297.57	4,286.19	11.38	377.524		
2,100.00	2,003.52	1,932.48	1,932.35	11.66	1.03	-76.00	-1,716.00	-4,106.36	4,285.30	4,273.04	12.26	349.615		
2,200.00	2,093.05	2,015.50	2,015.36	12.53	1.06	-76.47	-1,714.65	-4,107.17	4,273.59	4,260.45	13.14	325.295		
2,300.00	2,182.58	2,127.19	2,127.03	13.40	1.11	-77.10	-1,712.69	-4,107.93	4,261.97	4,247.94	14.03	303.785		
2,400.00	2,272.11	2,210.43	2,210.27	14.28	1.14	-77.57	-1,711.57	-4,108.21	4,250.69	4,235.76	14.92	284.824		
2,500.00	2,361.63	2,284.35	2,284.18	15.16	1.17	-78.00	-1,710.69	-4,108.63	4,240.08	4,224.26	15.82	267.990		
2,600.00	2,451.16	2,353.83	2,353.64	16.04	1.19	-78.40	-1,709.79	-4,109.41	4,230.27	4,213.55	16.72	252.949		
2,700.00	2,540.69	2,432.25	2,432.05	16.92	1.22	-78.84	-1,708.56	-4,110.88	4,221.30	4,203.67	17.63	239.425		
2,800.00	2,630.22	2,530.59	2,530.37	17.81	1.26	-79.40	-1,707.44	-4,112.41	4,212.72	4,194.18	18.55	227.160		
2,900.00	2,719.75	2,626.11	2,625.86	18.70	1.29	-79.95	-1,705.84	-4,114.02	4,204.39	4,184.93	19.46	216.035		
3,000.00	2,809.28	2,714.53	2,714.24	19.58	1.32	-80.45	-1,704.04	-4,115.74	4,196.48	4,176.10	20.38	205.914		
3,100.00	2,898.80	2,821.61	2,821.30	20.47	1.36	-81.07	-1,702.59	-4,117.20	4,188.90	4,167.60	21.30	196.636		
3,200.00	2,988.33	2,943.93	2,943.60	21.36	1.40	-81.78	-1,700.33	-4,117.96	4,180.87	4,158.64	22.23	188.088		
3,300.00	3,077.86	3,022.86	3,022.49	22.26	1.43	-82.23	-1,698.31	-4,118.83	4,173.30	4,150.15	23.15	180.255		
3,400.00	3,167.39	3,100.95	3,100.57	23.15	1.46	-82.69	-1,696.77	-4,119.62	4,166.42	4,142.34	24.08	173.040		
3,500.00	3,256.92	3,179.88	3,179.48	24.04	1.49	-83.15	-1,695.29	-4,120.67	4,160.22	4,135.21	25.00	166.381		
3,600.00	3,346.44	3,270.38	3,269.94	24.93	1.52	-83.67	-1,693.27	-4,122.29	4,154.60	4,128.66	25.93	160.208		
3,700.00	3,435.97	3,413.14	3,412.64	25.83	1.57	-84.50	-1,689.94	-4,124.00	4,148.97	4,122.10	26.87	154.428		
3,800.00	3,525.50	3,502.43	3,501.88	26.72	1.61	-85.01	-1,686.87	-4,125.12	4,143.11	4,115.32	27.80	149.049		
3,900.00	3,615.03	3,698.44	3,697.69	27.62	1.67	-86.12	-1,678.28	-4,126.14	4,136.79	4,108.06	28.73	143.991		
4,000.00	3,704.56	3,796.43	3,795.55	28.51	1.70	-86.68	-1,673.19	-4,125.35	4,129.29	4,099.62	29.66	139.211		
4,100.00	3,794.09	3,892.13	3,891.12	29.41	1.73	-87.24	-1,668.56	-4,124.12	4,122.08	4,091.48	30.60	134.727		
4,200.00	3,883.61	3,973.78	3,972.67	30.30	1.75	-87.72	-1,664.72	-4,123.01	4,115.33	4,083.80	31.53	130.519		
4,300.00	3,973.14	4,040.26	4,039.08	31.20	1.78	-88.11	-1,661.55	-4,122.45	4,109.33	4,076.87	32.47	126.576		
4,400.00	4,062.67	4,100.00	4,098.77	32.10	1.79	-88.46	-1,659.09	-4,122.20	4,104.42	4,071.02	33.40	122.894		
4,500.00	4,152.20	4,175.53	4,174.24	32.99	1.82	-88.90	-1,656.16	-4,122.28	4,100.45	4,066.12	34.33	119.447		
4,600.00	4,241.73	4,240.35	4,239.01	33.89	1.84	-89.28	-1,653.60	-4,122.79	4,097.31	4,062.06	35.26	116.216		
4,700.00	4,331.26	4,300.00	4,298.61	34.79	1.86	-89.62	-1,651.45	-4,123.69	4,095.27	4,059.09	36.18	113.195		
4,800.00	4,420.78	4,376.05	4,374.62	35.69	1.89	-90.07	-1,649.24	-4,124.92	4,094.17	4,057.07	37.10	110.354		
4,900.00	4,510.31	4,494.17	4,492.70	36.58	1.93	-90.77	-1,646.38	-4,126.21	4,093.50	4,055.48	38.03	107.650		
5,000.00	4,599.84	4,574.87	4,573.36	37.48	1.96	-91.24	-1,644.00	-4,127.10	4,092.90	4,053.96	38.94	105.095		
5,100.00	4,689.37	4,713.63	4,712.04	38.38	2.01	-92.06	-1,639.54	-4,128.30	4,092.44	4,052.57	39.87	102.647		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,200.00	4,778.90	4,794.21	4,792.59	39.28	2.03	-92.54	-1,637.22	-4,128.08	4,091.89	4,051.11	40.79	100.323		
5,300.00	4,868.42	4,911.57	4,909.90	40.18	2.06	-93.26	-1,634.24	-4,126.88	4,091.55	4,049.85	41.71	98.098		
5,339.08	4,903.41	4,938.99	4,937.31	40.53	2.07	-93.43	-1,633.51	-4,126.57	4,091.49	4,049.42	42.07	97.264		
5,400.00	4,957.95	4,981.81	4,980.11	41.07	2.08	-93.69	-1,632.38	-4,126.21	4,091.65	4,049.03	42.62	96.002		
5,500.00	5,047.48	5,058.00	5,056.28	41.97	2.11	-94.15	-1,630.37	-4,125.95	4,092.60	4,049.07	43.53	94.022		
5,600.00	5,137.01	5,140.91	5,139.16	42.87	2.13	-94.64	-1,628.10	-4,126.12	4,094.24	4,049.81	44.43	92.145		
5,700.00	5,226.54	5,218.22	5,216.45	43.77	2.16	-95.11	-1,626.38	-4,125.95	4,096.45	4,051.12	45.33	90.369		
5,800.00	5,316.07	5,274.40	5,272.62	44.67	2.17	-95.45	-1,625.45	-4,126.04	4,099.71	4,053.50	46.22	88.709		
5,900.00	5,405.59	5,340.35	5,338.56	45.57	2.19	-95.85	-1,624.69	-4,126.54	4,104.12	4,057.02	47.09	87.148		
6,000.00	5,495.12	5,418.89	5,417.09	46.47	2.22	-96.32	-1,624.23	-4,127.11	4,109.36	4,061.39	47.97	85.670		
6,100.00	5,584.65	5,535.53	5,533.73	47.37	2.25	-97.03	-1,623.32	-4,128.05	4,115.01	4,066.16	48.85	84.242		
6,200.00	5,674.18	5,643.79	5,641.97	48.27	2.29	-97.67	-1,621.19	-4,128.86	4,120.14	4,070.41	49.73	82.858		
6,300.00	5,763.71	5,720.56	5,718.71	49.16	2.32	-98.12	-1,619.67	-4,129.95	4,126.09	4,075.50	50.59	81.561		
6,400.00	5,853.23	5,834.73	5,832.86	50.06	2.35	-98.79	-1,617.26	-4,130.86	4,132.01	4,080.55	51.46	80.295		
6,500.00	5,942.76	5,907.48	5,905.58	50.96	2.38	-99.22	-1,615.68	-4,131.70	4,138.55	4,086.24	52.31	79.110		
6,600.00	6,032.29	5,999.89	5,997.97	51.86	2.41	-99.76	-1,614.10	-4,132.43	4,145.67	4,092.51	53.17	77.973		
6,700.00	6,121.82	6,099.83	6,097.90	52.76	2.44	-100.35	-1,612.45	-4,132.89	4,153.11	4,099.08	54.02	76.879		
6,800.00	6,211.35	6,216.56	6,214.60	53.66	2.48	-101.03	-1,609.87	-4,133.48	4,160.57	4,105.70	54.88	75.817		
6,900.00	6,300.88	6,297.62	6,295.63	54.56	2.51	-101.50	-1,607.73	-4,134.20	4,168.34	4,112.63	55.71	74.820		
7,000.00	6,390.40	6,394.32	6,392.26	55.46	2.54	-102.04	-1,604.58	-4,135.98	4,176.50	4,119.95	56.55	73.859		
7,100.00	6,479.90	6,465.32	6,463.19	56.36	2.57	-100.66	-1,602.10	-4,137.74	4,185.12	4,127.75	57.37	72.955		
7,200.00	6,565.62	6,535.21	6,533.03	57.41	2.59	-89.88	-1,600.02	-4,139.55	4,188.39	4,130.06	58.33	71.809		
7,300.00	6,643.25	6,603.02	6,600.76	58.67	2.61	-84.31	-1,597.87	-4,141.97	4,182.47	4,122.95	59.52	70.272		
7,400.00	6,710.45	6,660.10	6,657.75	60.11	2.63	-81.95	-1,595.95	-4,144.55	4,167.92	4,107.01	60.91	68.425		
7,500.00	6,765.16	6,700.00	6,697.57	61.71	2.65	-81.72	-1,594.58	-4,146.64	4,145.55	4,083.08	62.47	66.363		
7,600.00	6,805.74	6,739.52	6,737.00	63.40	2.66	-83.26	-1,593.25	-4,148.91	4,116.38	4,052.23	64.15	64.171		
7,700.00	6,830.93	6,761.55	6,758.98	65.14	2.66	-86.02	-1,592.55	-4,150.24	4,081.55	4,015.67	65.88	61.955		
7,800.00	6,839.98	6,772.45	6,769.85	66.86	2.67	-89.86	-1,592.22	-4,150.93	4,042.22	3,974.62	67.60	59.793		
7,900.00	6,840.00	6,777.00	6,774.39	68.58	2.67	-90.15	-1,592.08	-4,151.21	4,001.82	3,932.50	69.32	57.733		
8,000.00	6,840.00	6,781.61	6,778.99	70.35	2.67	-90.22	-1,591.94	-4,151.51	3,963.51	3,892.44	71.07	55.772		
8,100.00	6,840.00	6,786.29	6,783.66	72.18	2.67	-90.29	-1,591.80	-4,151.81	3,927.37	3,854.52	72.85	53.909		
8,200.00	6,840.00	6,791.04	6,788.40	74.06	2.67	-90.36	-1,591.66	-4,152.12	3,893.45	3,818.79	74.66	52.146		
8,300.00	6,840.00	6,800.00	6,797.34	75.98	2.68	-90.50	-1,591.40	-4,152.70	3,861.83	3,785.32	76.51	50.478		
8,400.00	6,840.00	6,800.90	6,798.23	77.96	2.68	-90.52	-1,591.38	-4,152.76	3,832.53	3,754.18	78.36	48.912		
8,500.00	6,840.00	6,806.62	6,803.94	79.97	2.68	-90.61	-1,591.22	-4,153.14	3,805.64	3,725.41	80.22	47.438		
8,600.00	6,840.00	6,812.33	6,809.64	82.03	2.68	-90.70	-1,591.05	-4,153.52	3,781.18	3,699.09	82.10	46.057		
8,700.00	6,840.00	6,818.03	6,815.32	84.12	2.68	-90.78	-1,590.89	-4,153.89	3,759.22	3,675.25	83.97	44.768		
8,800.00	6,840.00	6,823.71	6,820.99	86.25	2.68	-90.87	-1,590.74	-4,154.27	3,739.80	3,653.96	85.84	43.568		
8,900.00	6,840.00	6,829.39	6,826.65	88.41	2.68	-90.96	-1,590.58	-4,154.64	3,722.95	3,635.25	87.69	42.454		
9,000.00	6,840.00	6,835.05	6,832.29	90.60	2.69	-91.05	-1,590.43	-4,155.01	3,708.71	3,619.18	89.53	41.424		
9,100.00	6,840.00	6,840.69	6,837.93	92.82	2.69	-91.14	-1,590.27	-4,155.38	3,697.11	3,605.77	91.34	40.476		
9,200.00	6,840.00	6,846.33	6,843.55	95.07	2.69	-91.22	-1,590.12	-4,155.75	3,688.18	3,595.06	93.12	39.606		
9,300.00	6,840.00	6,851.95	6,849.16	97.34	2.69	-91.31	-1,589.97	-4,156.12	3,681.93	3,587.07	94.87	38.812		
9,400.00	6,840.00	6,857.56	6,854.75	99.64	2.69	-91.40	-1,589.83	-4,156.48	3,678.39	3,581.82	96.57	38.091		
9,481.05	6,840.00	6,862.10	6,859.28	101.51	2.69	-91.47	-1,589.71	-4,156.78	3,677.50	3,579.58	97.91	37.558 CC		
9,500.00	6,840.00	6,863.16	6,860.34	101.95	2.69	-91.49	-1,589.68	-4,156.85	3,677.54	3,579.32	98.22	37.441 ES		
9,600.00	6,840.00	6,868.75	6,865.91	104.29	2.70	-91.57	-1,589.54	-4,157.21	3,679.41	3,579.59	99.83	36.858		
9,700.00	6,840.00	6,874.32	6,871.47	106.64	2.70	-91.66	-1,589.40	-4,157.58	3,683.98	3,582.61	101.37	36.341		
9,800.00	6,840.00	6,879.89	6,877.02	109.02	2.70	-91.75	-1,589.26	-4,157.94	3,691.25	3,588.39	102.86	35.886		
9,900.00	6,840.00	6,885.44	6,882.56	111.41	2.70	-91.83	-1,589.12	-4,158.30	3,701.20	3,596.91	104.28	35.492		
10,000.00	6,840.00	6,890.98	6,888.08	113.81	2.70	-91.92	-1,588.98	-4,158.66	3,713.80	3,608.16	105.64	35.155		
10,100.00	6,840.00	6,896.50	6,893.60	116.23	2.70	-92.00	-1,588.85	-4,159.02	3,729.03	3,622.10	106.93	34.873		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,900.00	6,897.09	118.67	2.70	-92.06	-1,588.76	-4,159.24	3,746.86	3,638.72	108.15	34.646		
10,300.00	6,840.00	6,906.50	6,903.57	121.11	2.71	-92.16	-1,588.61	-4,159.66	3,767.26	3,657.96	109.30	34.468		
10,400.00	6,840.00	6,911.19	6,908.25	123.57	2.71	-92.23	-1,588.50	-4,159.96	3,790.17	3,679.80	110.37	34.340		
10,500.00	6,840.00	6,915.82	6,912.87	126.04	2.71	-92.30	-1,588.39	-4,160.26	3,815.56	3,704.19	111.38	34.259		
10,600.00	6,840.00	6,920.39	6,917.43	128.52	2.71	-92.38	-1,588.29	-4,160.55	3,843.38	3,731.08	112.31	34.222 SF		
10,700.00	6,840.00	6,924.91	6,921.94	131.01	2.71	-92.45	-1,588.19	-4,160.83	3,873.58	3,760.41	113.17	34.228		
10,800.00	6,840.00	6,929.37	6,926.39	133.51	2.71	-92.51	-1,588.09	-4,161.11	3,906.09	3,792.13	113.96	34.276		
10,900.00	6,840.00	6,933.78	6,930.79	136.02	2.71	-92.58	-1,587.99	-4,161.38	3,940.87	3,826.18	114.69	34.362		
11,000.00	6,840.00	6,938.13	6,935.14	138.53	2.71	-92.65	-1,587.90	-4,161.65	3,977.85	3,862.51	115.34	34.487		
11,100.00	6,840.00	6,942.44	6,939.43	141.06	2.72	-92.72	-1,587.81	-4,161.92	4,016.97	3,901.04	115.94	34.648		
11,200.00	6,840.00	6,946.69	6,943.67	143.59	2.72	-92.78	-1,587.72	-4,162.18	4,058.18	3,941.71	116.47	34.843		
11,300.00	6,840.00	6,950.89	6,947.86	146.13	2.72	-92.85	-1,587.64	-4,162.43	4,101.40	3,984.46	116.94	35.071		
11,400.00	6,840.00	6,955.04	6,952.00	148.68	2.72	-92.91	-1,587.55	-4,162.68	4,146.58	4,029.22	117.36	35.332		
11,500.00	6,840.00	6,959.14	6,956.10	151.23	2.72	-92.98	-1,587.47	-4,162.93	4,193.65	4,075.93	117.72	35.623		
11,600.00	6,840.00	6,963.19	6,960.14	153.79	2.72	-93.04	-1,587.40	-4,163.17	4,242.55	4,124.52	118.04	35.943		
11,700.00	6,840.00	6,967.20	6,964.14	156.35	2.72	-93.10	-1,587.32	-4,163.40	4,293.22	4,174.92	118.30	36.291		
11,800.00	6,840.00	6,971.16	6,968.10	158.92	2.72	-93.16	-1,587.25	-4,163.64	4,345.59	4,227.07	118.52	36.666		
11,900.00	6,840.00	6,975.08	6,972.00	161.49	2.72	-93.22	-1,587.18	-4,163.87	4,399.61	4,280.92	118.70	37.066		
12,000.00	6,840.00	6,978.95	6,975.87	164.07	2.73	-93.29	-1,587.11	-4,164.09	4,455.21	4,336.38	118.83	37.492		
12,100.00	6,840.00	6,982.77	6,979.69	166.66	2.73	-93.34	-1,587.04	-4,164.31	4,512.34	4,393.41	118.93	37.941		
12,200.00	6,840.00	6,986.56	6,983.46	169.25	2.73	-93.40	-1,586.97	-4,164.53	4,570.94	4,451.94	118.99	38.413		
12,300.00	6,840.00	7,000.00	6,996.88	171.84	2.73	-93.61	-1,586.75	-4,165.29	4,630.97	4,511.92	119.05	38.899		
12,400.00	6,840.00	7,000.00	6,996.88	174.44	2.73	-93.61	-1,586.75	-4,165.29	4,692.33	4,573.28	119.04	39.417		
12,500.00	6,840.00	7,000.00	6,996.88	177.04	2.73	-93.61	-1,586.75	-4,165.29	4,755.00	4,635.99	119.01	39.955		
12,600.00	6,840.00	7,000.00	6,996.88	179.64	2.73	-93.61	-1,586.75	-4,165.29	4,818.93	4,699.98	118.95	40.512		
12,700.00	6,840.00	7,000.00	6,996.88	182.25	2.73	-93.61	-1,586.75	-4,165.29	4,884.07	4,765.21	118.87	41.088		
12,800.00	6,840.00	7,000.00	6,996.88	184.86	2.73	-93.61	-1,586.75	-4,165.29	4,950.38	4,831.62	118.76	41.682		
12,900.00	6,840.00	7,000.00	6,996.88	187.47	2.73	-93.61	-1,586.75	-4,165.29	5,017.80	4,899.16	118.64	42.294		
13,000.00	6,840.00	7,000.00	6,996.88	190.09	2.73	-93.61	-1,586.75	-4,165.29	5,086.30	4,967.80	118.50	42.922		
13,100.00	6,840.00	7,000.00	6,996.88	192.71	2.73	-93.61	-1,586.75	-4,165.29	5,155.82	5,037.48	118.35	43.566		
13,200.00	6,840.00	7,000.00	6,996.88	195.34	2.73	-93.61	-1,586.75	-4,165.29	5,226.34	5,108.16	118.18	44.225		
13,300.00	6,840.00	7,000.00	6,996.88	197.96	2.73	-93.61	-1,586.75	-4,165.29	5,297.80	5,179.81	117.99	44.900		
13,400.00	6,840.00	7,000.00	6,996.88	200.59	2.73	-93.61	-1,586.75	-4,165.29	5,370.18	5,252.38	117.80	45.588		
13,500.00	6,840.00	7,000.00	6,996.88	203.22	2.73	-93.61	-1,586.75	-4,165.29	5,443.42	5,325.83	117.59	46.290		
13,600.00	6,840.00	7,000.00	6,996.88	205.85	2.73	-93.61	-1,586.75	-4,165.29	5,517.51	5,400.13	117.38	47.006		
13,700.00	6,840.00	7,000.00	6,996.88	208.49	2.73	-93.61	-1,586.75	-4,165.29	5,592.41	5,475.25	117.16	47.734		
13,800.00	6,840.00	7,000.00	6,996.88	211.13	2.73	-93.61	-1,586.75	-4,165.29	5,668.08	5,551.15	116.93	48.475		
13,900.00	6,840.00	7,000.00	6,996.88	213.77	2.73	-93.61	-1,586.75	-4,165.29	5,744.49	5,627.80	116.69	49.227		
14,000.00	6,840.00	7,000.00	6,996.88	216.41	2.73	-93.61	-1,586.75	-4,165.29	5,821.62	5,705.17	116.45	49.991		
14,100.00	6,840.00	7,000.00	6,996.88	219.06	2.73	-93.61	-1,586.75	-4,165.29	5,899.44	5,783.23	116.21	50.765		
14,200.00	6,840.00	7,000.00	6,996.88	221.70	2.73	-93.61	-1,586.75	-4,165.29	5,977.91	5,861.95	115.96	51.550		
14,300.00	6,840.00	7,000.00	6,996.88	224.35	2.73	-93.61	-1,586.75	-4,165.29	6,057.02	5,941.31	115.71	52.346		
14,400.00	6,840.00	7,000.00	6,996.88	227.00	2.73	-93.61	-1,586.75	-4,165.29	6,136.74	6,021.28	115.46	53.151		
14,500.00	6,840.00	7,000.00	6,996.88	229.65	2.73	-93.61	-1,586.75	-4,165.29	6,217.05	6,101.85	115.20	53.965		
14,600.00	6,840.00	7,000.00	6,996.88	232.30	2.73	-93.61	-1,586.75	-4,165.29	6,297.92	6,182.97	114.95	54.789		
14,700.00	6,840.00	7,000.00	6,996.88	234.96	2.73	-93.61	-1,586.75	-4,165.29	6,379.33	6,264.64	114.69	55.621		
14,800.00	6,840.00	7,000.00	6,996.88	237.61	2.73	-93.61	-1,586.75	-4,165.29	6,461.27	6,346.83	114.43	56.462		
14,900.00	6,840.00	7,000.00	6,996.88	240.27	2.73	-93.61	-1,586.75	-4,165.29	6,543.70	6,429.53	114.18	57.312		
15,000.00	6,840.00	7,000.00	6,996.88	242.93	2.73	-93.61	-1,586.75	-4,165.29	6,626.62	6,512.70	113.92	58.169		
15,100.00	6,840.00	7,000.00	6,996.88	245.59	2.73	-93.61	-1,586.75	-4,165.29	6,710.01	6,596.34	113.66	59.033		
15,200.00	6,840.00	7,000.00	6,996.88	248.25	2.73	-93.61	-1,586.75	-4,165.29	6,793.84	6,680.43	113.41	59.905		
15,300.00	6,840.00	7,000.00	6,996.88	250.92	2.73	-93.61	-1,586.75	-4,165.29	6,878.11	6,764.95	113.16	60.784		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	2.73	-93.61	-1,586.75	-4,165.29	6,962.79	6,849.89	112.90	61.670		
15,500.00	6,840.00	7,000.00	6,996.88	256.25	2.73	-93.61	-1,586.75	-4,165.29	7,047.88	6,935.22	112.65	62.563		
15,600.00	6,840.00	7,000.00	6,996.88	258.91	2.73	-93.61	-1,586.75	-4,165.29	7,133.35	7,020.94	112.40	63.462		
15,700.00	6,840.00	7,000.00	6,996.88	261.58	2.73	-93.61	-1,586.75	-4,165.29	7,219.19	7,107.03	112.16	64.367		
15,800.00	6,840.00	7,000.00	6,996.88	264.25	2.73	-93.61	-1,586.75	-4,165.29	7,305.40	7,193.48	111.91	65.278		
15,900.00	6,840.00	7,000.00	6,996.88	266.92	2.73	-93.61	-1,586.75	-4,165.29	7,391.95	7,280.28	111.67	66.194		
16,000.00	6,840.00	7,000.00	6,996.88	269.59	2.73	-93.61	-1,586.75	-4,165.29	7,478.84	7,367.41	111.43	67.116		
16,100.00	6,840.00	7,000.00	6,996.88	272.26	2.73	-93.61	-1,586.75	-4,165.29	7,566.05	7,454.85	111.19	68.044		
16,200.00	6,840.00	7,000.00	6,996.88	274.94	2.73	-93.61	-1,586.75	-4,165.29	7,653.57	7,542.61	110.96	68.977		
16,300.00	6,840.00	7,000.00	6,996.88	277.61	2.73	-93.61	-1,586.75	-4,165.29	7,741.40	7,630.67	110.73	69.914		
16,400.00	6,840.00	7,000.00	6,996.88	280.28	2.73	-93.61	-1,586.75	-4,165.29	7,829.52	7,719.02	110.50	70.857		
16,500.00	6,840.00	7,000.00	6,996.88	282.96	2.73	-93.61	-1,586.75	-4,165.29	7,917.92	7,807.65	110.27	71.804		
16,600.00	6,840.00	7,000.00	6,996.88	285.64	2.73	-93.61	-1,586.75	-4,165.29	8,006.59	7,896.54	110.05	72.755		
16,700.00	6,840.00	7,000.00	6,996.88	288.31	2.73	-93.61	-1,586.75	-4,165.29	8,095.53	7,985.70	109.83	73.711		
16,800.00	6,840.00	7,000.00	6,996.88	290.99	2.73	-93.61	-1,586.75	-4,165.29	8,184.72	8,075.11	109.61	74.671		
16,900.00	6,840.00	7,000.00	6,996.88	293.67	2.73	-93.61	-1,586.75	-4,165.29	8,274.16	8,164.77	109.40	75.635		
17,000.00	6,840.00	7,000.00	6,996.88	296.35	2.73	-93.61	-1,586.75	-4,165.29	8,363.84	8,254.66	109.19	76.602		
17,100.00	6,840.00	7,000.00	6,996.88	299.03	2.73	-93.61	-1,586.75	-4,165.29	8,453.75	8,344.78	108.98	77.574		
17,200.00	6,840.00	7,000.00	6,996.88	301.71	2.73	-93.61	-1,586.75	-4,165.29	8,543.89	8,435.12	108.77	78.549		
17,300.00	6,840.00	7,000.00	6,996.88	304.39	2.73	-93.61	-1,586.75	-4,165.29	8,634.24	8,525.67	108.57	79.527		
17,400.00	6,840.00	7,000.00	6,996.88	307.08	2.73	-93.61	-1,586.75	-4,165.29	8,724.80	8,616.43	108.37	80.509		
17,500.00	6,840.00	7,000.00	6,996.88	309.76	2.73	-93.61	-1,586.75	-4,165.29	8,815.57	8,707.40	108.17	81.494		
17,600.00	6,840.00	7,000.00	6,996.88	312.44	2.73	-93.61	-1,586.75	-4,165.29	8,906.53	8,798.55	107.98	82.482		
17,700.00	6,840.00	7,000.00	6,996.88	315.13	2.73	-93.61	-1,586.75	-4,165.29	8,997.69	8,889.90	107.79	83.473		
17,800.00	6,840.00	7,000.00	6,996.88	317.81	2.73	-93.61	-1,586.75	-4,165.29	9,089.03	8,981.43	107.60	84.467		
17,900.00	6,840.00	7,000.00	6,996.88	320.50	2.73	-93.61	-1,586.75	-4,165.29	9,180.56	9,073.14	107.42	85.464		
18,000.00	6,840.00	7,000.00	6,996.88	323.19	2.73	-93.61	-1,586.75	-4,165.29	9,272.25	9,165.01	107.24	86.463		
18,100.00	6,840.00	7,000.00	6,996.88	325.87	2.73	-93.61	-1,586.75	-4,165.29	9,364.12	9,257.06	107.06	87.465		
18,200.00	6,840.00	7,000.00	6,996.88	328.56	2.73	-93.61	-1,586.75	-4,165.29	9,456.15	9,349.27	106.89	88.469		
18,300.00	6,840.00	7,000.00	6,996.88	331.25	2.73	-93.61	-1,586.75	-4,165.29	9,548.35	9,441.63	106.71	89.476		
18,400.00	6,840.00	7,000.00	6,996.88	333.94	2.73	-93.61	-1,586.75	-4,165.29	9,640.70	9,534.15	106.54	90.485		
18,500.00	6,840.00	7,000.00	6,996.88	336.63	2.73	-93.61	-1,586.75	-4,165.29	9,733.20	9,626.82	106.38	91.496		
18,600.00	6,840.00	7,000.00	6,996.88	339.32	2.73	-93.61	-1,586.75	-4,165.29	9,825.84	9,719.63	106.22	92.509		
18,700.00	6,840.00	7,000.00	6,996.88	342.01	2.73	-93.61	-1,586.75	-4,165.29	9,918.63	9,812.58	106.05	93.524		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-119.87	-1,706.95	-2,972.17	3,427.78					
100.00	100.00	44.73	44.73	0.13	0.05	-119.87	-1,707.04	-2,972.18	3,427.52	3,427.34	0.18	N/A		
200.00	200.00	133.87	133.86	0.49	0.15	-119.88	-1,707.68	-2,972.27	3,427.97	3,427.33	0.64	5,355.101		
300.00	300.00	233.24	233.24	0.85	0.26	-119.88	-1,708.24	-2,972.62	3,428.55	3,427.44	1.11	3,094.049		
400.00	399.98	337.34	337.34	1.21	0.34	-75.28	-1,708.52	-2,973.10	3,428.64	3,427.10	1.54	2,219.453		
500.00	499.84	446.81	446.80	1.57	0.40	-75.39	-1,708.47	-2,973.54	3,427.64	3,425.67	1.97	1,742.851		
600.00	599.45	552.22	552.21	1.94	0.45	-75.57	-1,707.98	-2,973.89	3,425.50	3,423.11	2.39	1,435.774		
700.00	698.70	656.12	656.11	2.32	0.50	-75.82	-1,707.37	-2,974.20	3,422.43	3,419.62	2.82	1,215.752		
800.00	797.47	766.77	766.75	2.73	0.55	-76.17	-1,706.54	-2,974.33	3,418.32	3,415.05	3.26	1,047.744		
900.00	895.62	869.05	869.03	3.16	0.59	-76.58	-1,705.64	-2,974.17	3,413.15	3,409.42	3.73	915.195		
1,000.00	993.06	963.29	963.26	3.63	0.63	-77.03	-1,704.79	-2,974.06	3,407.31	3,403.08	4.23	806.378		
1,100.00	1,089.64	1,056.63	1,056.60	4.14	0.66	-77.54	-1,703.96	-2,974.08	3,400.95	3,396.20	4.76	714.643		
1,200.00	1,185.27	1,145.76	1,145.73	4.70	0.70	-78.09	-1,703.20	-2,974.19	3,394.16	3,388.82	5.33	636.367		
1,300.00	1,279.82	1,233.10	1,233.07	5.30	0.73	-78.69	-1,702.58	-2,974.49	3,387.15	3,381.19	5.96	568.725		
1,400.00	1,373.17	1,325.05	1,325.01	5.96	0.77	-79.37	-1,702.02	-2,974.88	3,379.88	3,373.25	6.63	509.622		
1,500.00	1,465.21	1,416.37	1,416.34	6.67	0.80	-80.10	-1,701.47	-2,975.27	3,372.37	3,365.01	7.36	457.978		
1,600.00	1,555.84	1,499.06	1,499.02	7.44	0.83	-80.83	-1,701.26	-2,975.58	3,364.86	3,356.72	8.15	412.941		
1,700.00	1,645.41	1,582.50	1,582.46	8.26	0.85	-81.49	-1,701.31	-2,975.94	3,357.70	3,348.71	8.99	373.579		
1,800.00	1,734.94	1,677.82	1,677.78	9.09	0.88	-82.20	-1,701.14	-2,976.56	3,351.12	3,341.28	9.85	340.359		
1,900.00	1,824.47	1,770.73	1,770.68	9.94	0.92	-82.89	-1,700.41	-2,977.37	3,344.95	3,334.23	10.72	312.072		
2,000.00	1,913.99	1,863.32	1,863.26	10.80	0.95	-83.58	-1,699.67	-2,978.12	3,339.27	3,327.67	11.60	287.820		
2,100.00	2,003.52	1,948.79	1,948.73	11.66	0.98	-84.21	-1,699.06	-2,978.73	3,334.14	3,321.65	12.49	266.916		
2,200.00	2,093.05	2,043.29	2,043.23	12.53	1.02	-84.92	-1,698.34	-2,979.65	3,329.73	3,316.34	13.39	248.719		
2,300.00	2,182.58	2,156.30	2,156.23	13.40	1.05	-85.77	-1,697.38	-2,980.00	3,325.36	3,311.07	14.29	232.700		
2,400.00	2,272.11	2,266.61	2,266.53	14.28	1.08	-86.60	-1,696.16	-2,979.70	3,321.02	3,305.83	15.20	218.524		
2,500.00	2,361.63	2,370.89	2,370.80	15.16	1.11	-87.39	-1,694.50	-2,979.07	3,316.75	3,300.64	16.11	205.912		
2,600.00	2,451.16	2,465.13	2,465.01	16.04	1.14	-88.10	-1,692.63	-2,978.46	3,312.79	3,295.78	17.02	194.654		
2,700.00	2,540.69	2,554.90	2,554.76	16.92	1.17	-88.78	-1,690.65	-2,978.02	3,309.37	3,291.44	17.93	184.556		
2,800.00	2,630.22	2,641.27	2,641.11	17.81	1.19	-89.43	-1,688.83	-2,977.58	3,306.57	3,287.73	18.85	175.461		
2,900.00	2,719.75	2,723.17	2,723.00	18.70	1.22	-90.05	-1,687.23	-2,977.23	3,304.49	3,284.74	19.76	167.248		
3,000.00	2,809.28	2,800.26	2,800.08	19.58	1.24	-90.63	-1,685.81	-2,977.19	3,303.30	3,282.63	20.67	159.816		
3,100.00	2,898.80	2,895.02	2,894.81	20.47	1.27	-91.34	-1,684.19	-2,977.18	3,302.79	3,281.20	21.58	153.023		
3,152.21	2,945.55	2,942.37	2,942.16	20.94	1.29	-91.70	-1,683.39	-2,977.11	3,302.71	3,280.65	22.06	149.714 CC		
3,200.00	2,988.33	2,985.62	2,985.41	21.36	1.30	-92.02	-1,682.58	-2,977.13	3,302.77	3,280.28	22.50	146.817		
3,300.00	3,077.86	3,072.99	3,072.76	22.26	1.33	-92.68	-1,680.79	-2,977.36	3,303.35	3,279.95	23.41	141.136 ES		
3,400.00	3,167.39	3,159.54	3,159.29	23.15	1.36	-93.32	-1,678.99	-2,977.77	3,304.59	3,280.28	24.31	135.923		
3,500.00	3,256.92	3,254.05	3,253.78	24.04	1.39	-94.02	-1,677.03	-2,978.27	3,306.43	3,281.21	25.22	131.112		
3,600.00	3,346.44	3,330.82	3,330.53	24.93	1.42	-94.60	-1,675.63	-2,978.33	3,308.75	3,282.64	26.11	126.702		
3,700.00	3,435.97	3,387.31	3,387.02	25.83	1.43	-95.02	-1,674.99	-2,978.71	3,312.43	3,285.43	27.00	122.693		
3,800.00	3,525.50	3,461.04	3,460.74	26.72	1.45	-95.57	-1,674.58	-2,979.63	3,317.40	3,289.53	27.88	118.993		
3,900.00	3,615.03	3,543.89	3,543.58	27.62	1.47	-96.19	-1,674.29	-2,980.88	3,323.23	3,294.48	28.76	115.562		
4,000.00	3,704.56	3,640.42	3,640.10	28.51	1.50	-96.90	-1,673.78	-2,982.67	3,329.68	3,300.05	29.64	112.354		
4,100.00	3,794.09	3,807.46	3,807.10	29.41	1.55	-98.13	-1,671.42	-2,984.64	3,335.84	3,305.31	30.53	109.255		
4,200.00	3,883.61	3,901.39	3,901.01	30.30	1.58	-98.82	-1,669.30	-2,984.66	3,341.14	3,309.73	31.41	106.366		
4,300.00	3,973.14	4,011.77	4,011.35	31.20	1.61	-99.63	-1,666.43	-2,984.43	3,346.61	3,314.32	32.29	103.640		
4,400.00	4,062.67	4,112.61	4,112.15	32.10	1.64	-100.36	-1,663.41	-2,984.00	3,352.22	3,319.05	33.16	101.085		
4,500.00	4,152.20	4,194.49	4,193.99	32.99	1.67	-100.97	-1,661.15	-2,983.36	3,358.36	3,324.33	34.02	98.710		
4,600.00	4,241.73	4,286.55	4,286.01	33.89	1.69	-101.64	-1,658.60	-2,982.76	3,365.10	3,330.23	34.88	96.479		
4,700.00	4,331.26	4,373.66	4,373.07	34.79	1.72	-102.27	-1,655.91	-2,982.61	3,372.38	3,336.66	35.73	94.388		
4,800.00	4,420.78	4,458.94	4,458.32	35.69	1.75	-102.88	-1,653.46	-2,982.39	3,380.31	3,343.74	36.57	92.432		
4,900.00	4,510.31	4,548.40	4,547.75	36.58	1.78	-103.52	-1,651.04	-2,982.13	3,388.88	3,351.47	37.41	90.592		
5,000.00	4,599.84	4,649.10	4,648.40	37.48	1.81	-104.24	-1,648.16	-2,981.85	3,397.86	3,359.62	38.24	88.849		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,745.59	4,744.85	38.38	1.84	-104.93	-1,645.21	-2,981.19	3,407.01	3,367.94	39.07	87.204		
5,200.00	4,778.90	4,831.18	4,830.40	39.28	1.86	-105.55	-1,642.74	-2,980.44	3,416.74	3,376.86	39.88	85.666		
5,300.00	4,868.42	4,917.45	4,916.64	40.18	1.89	-106.16	-1,640.40	-2,979.65	3,427.11	3,386.41	40.69	84.222		
5,400.00	4,957.95	5,005.81	5,004.96	41.07	1.91	-106.79	-1,638.08	-2,978.83	3,438.06	3,396.57	41.49	82.862		
5,500.00	5,047.48	5,095.51	5,094.63	41.97	1.94	-107.43	-1,635.78	-2,977.95	3,449.55	3,407.26	42.28	81.580		
5,600.00	5,137.01	5,193.03	5,192.11	42.87	1.97	-108.12	-1,633.25	-2,976.81	3,461.46	3,418.39	43.07	80.363		
5,700.00	5,226.54	5,294.34	5,293.37	43.77	1.99	-108.83	-1,630.53	-2,975.21	3,473.64	3,429.78	43.85	79.209		
5,800.00	5,316.07	5,383.81	5,382.79	44.67	2.02	-109.47	-1,628.04	-2,973.60	3,486.17	3,441.55	44.62	78.129		
5,900.00	5,405.59	5,455.68	5,454.62	45.57	2.04	-109.97	-1,626.19	-2,972.35	3,499.42	3,454.05	45.37	77.133		
6,000.00	5,495.12	5,533.32	5,532.24	46.47	2.05	-110.52	-1,624.70	-2,971.00	3,513.67	3,467.56	46.11	76.204		
6,100.00	5,584.65	5,627.92	5,626.80	47.37	2.08	-111.18	-1,622.89	-2,969.26	3,528.42	3,481.58	46.85	75.314		
6,200.00	5,674.18	5,717.94	5,716.79	48.27	2.10	-111.81	-1,621.20	-2,967.37	3,543.61	3,496.03	47.58	74.482		
6,300.00	5,763.71	5,804.23	5,803.04	49.16	2.11	-112.41	-1,619.70	-2,965.34	3,559.34	3,511.05	48.29	73.706		
6,400.00	5,853.23	5,896.47	5,895.24	50.06	2.13	-113.05	-1,618.15	-2,963.04	3,575.56	3,526.57	49.00	72.972		
6,500.00	5,942.76	5,984.60	5,983.34	50.96	2.15	-113.66	-1,616.66	-2,960.82	3,592.26	3,542.56	49.69	72.286		
6,600.00	6,032.29	6,060.51	6,059.21	51.86	2.17	-114.17	-1,615.41	-2,959.17	3,609.59	3,559.22	50.37	71.656		
6,700.00	6,121.82	6,138.55	6,137.24	52.76	2.19	-114.69	-1,614.22	-2,958.22	3,627.76	3,576.71	51.05	71.064		
6,800.00	6,211.35	6,226.08	6,224.76	53.66	2.22	-115.26	-1,612.87	-2,957.69	3,646.55	3,594.82	51.73	70.497		
6,900.00	6,300.88	6,322.15	6,320.81	54.56	2.25	-115.87	-1,611.19	-2,957.35	3,665.65	3,613.24	52.40	69.949		
7,000.00	6,390.40	6,409.56	6,408.21	55.46	2.27	-116.42	-1,609.55	-2,957.41	3,685.17	3,632.10	53.07	69.442		
7,100.00	6,479.90	6,509.72	6,508.34	56.36	2.31	-115.13	-1,607.53	-2,957.56	3,704.94	3,651.20	53.74	68.945		
7,200.00	6,565.62	6,587.89	6,586.49	57.41	2.33	-103.21	-1,605.96	-2,957.63	3,721.31	3,666.80	54.51	68.266		
7,300.00	6,643.25	6,658.43	6,657.03	58.67	2.36	-96.27	-1,604.67	-2,957.74	3,732.06	3,676.58	55.49	67.262		
7,400.00	6,710.45	6,718.55	6,717.14	60.11	2.37	-92.32	-1,603.67	-2,957.91	3,737.48	3,680.84	56.64	65.990		
7,500.00	6,765.16	6,766.85	6,765.43	61.71	2.39	-90.27	-1,602.92	-2,958.28	3,737.98	3,680.05	57.93	64.523		
7,600.00	6,805.74	6,800.00	6,798.57	63.40	2.40	-89.46	-1,602.43	-2,958.70	3,734.07	3,674.74	59.33	62.942		
7,700.00	6,830.93	6,824.23	6,822.80	65.14	2.40	-89.65	-1,602.08	-2,959.11	3,726.27	3,665.51	60.77	61.321		
7,800.00	6,839.98	6,833.09	6,831.65	66.86	2.41	-90.54	-1,601.96	-2,959.29	3,715.09	3,652.90	62.19	59.740		
7,900.00	6,840.00	6,834.86	6,833.43	68.58	2.41	-90.63	-1,601.94	-2,959.33	3,703.41	3,639.83	63.59	58.243		
8,000.00	6,840.00	6,836.69	6,835.25	70.35	2.41	-90.66	-1,601.91	-2,959.37	3,694.39	3,629.40	64.99	56.842		
8,100.00	6,840.00	6,838.58	6,837.14	72.18	2.41	-90.69	-1,601.89	-2,959.41	3,688.07	3,621.66	66.41	55.537		
8,200.00	6,840.00	6,840.54	6,839.10	74.06	2.41	-90.72	-1,601.86	-2,959.46	3,684.44	3,616.62	67.82	54.327		
8,283.72	6,840.00	6,842.23	6,840.79	75.67	2.41	-90.74	-1,601.84	-2,959.50	3,683.49	3,614.49	69.00	53.385		
8,300.00	6,840.00	6,842.57	6,841.13	75.98	2.41	-90.75	-1,601.83	-2,959.50	3,683.52	3,614.30	69.22	53.212		
8,400.00	6,840.00	6,844.68	6,843.24	77.96	2.41	-90.78	-1,601.81	-2,959.55	3,685.32	3,614.71	70.62	52.188		
8,500.00	6,840.00	6,846.87	6,845.43	79.97	2.41	-90.82	-1,601.78	-2,959.61	3,689.83	3,617.84	71.99	51.255		
8,600.00	6,840.00	6,849.15	6,847.71	82.03	2.41	-90.85	-1,601.75	-2,959.66	3,697.03	3,623.69	73.34	50.409		
8,700.00	6,840.00	6,851.53	6,850.09	84.12	2.41	-90.89	-1,601.72	-2,959.72	3,706.92	3,632.26	74.67	49.647		
8,800.00	6,840.00	6,854.00	6,852.56	86.25	2.41	-90.93	-1,601.69	-2,959.79	3,719.47	3,643.52	75.96	48.967		
8,900.00	6,840.00	6,856.58	6,855.13	88.41	2.41	-90.97	-1,601.66	-2,959.86	3,734.66	3,657.44	77.22	48.366		
9,000.00	6,840.00	6,859.27	6,857.82	90.60	2.41	-91.01	-1,601.62	-2,959.93	3,752.45	3,674.01	78.44	47.840		
9,100.00	6,840.00	6,862.08	6,860.63	92.82	2.41	-91.05	-1,601.59	-2,960.00	3,772.80	3,693.18	79.62	47.387		
9,200.00	6,840.00	6,865.01	6,863.56	95.07	2.41	-91.10	-1,601.55	-2,960.09	3,795.68	3,714.92	80.75	47.002		
9,300.00	6,840.00	6,868.08	6,866.63	97.34	2.41	-91.15	-1,601.51	-2,960.18	3,821.03	3,739.18	81.85	46.685		
9,400.00	6,840.00	6,871.30	6,869.85	99.64	2.41	-91.20	-1,601.47	-2,960.27	3,848.82	3,765.92	82.89	46.430		
9,500.00	6,840.00	6,874.67	6,873.22	101.95	2.42	-91.25	-1,601.43	-2,960.37	3,878.98	3,795.09	83.89	46.236		
9,600.00	6,840.00	6,878.21	6,876.76	104.29	2.42	-91.30	-1,601.39	-2,960.48	3,911.46	3,826.62	84.85	46.100		
9,700.00	6,840.00	6,881.94	6,880.48	106.64	2.42	-91.36	-1,601.35	-2,960.60	3,946.21	3,860.46	85.75	46.018		
9,800.00	6,840.00	6,885.85	6,884.39	109.02	2.42	-91.42	-1,601.30	-2,960.73	3,983.17	3,896.56	86.61	45.989 SF		
9,900.00	6,840.00	6,889.98	6,888.52	111.41	2.42	-91.49	-1,601.26	-2,960.86	4,022.27	3,934.84	87.42	46.009		
10,000.00	6,840.00	6,894.34	6,892.87	113.81	2.42	-91.55	-1,601.21	-2,961.01	4,063.44	3,975.25	88.19	46.076		
10,100.00	6,840.00	6,898.94	6,897.47	116.23	2.42	-91.63	-1,601.16	-2,961.17	4,106.64	4,017.73	88.91	46.188		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,903.81	6,902.34	118.67	2.42	-91.70	-1,601.11	-2,961.35	4,151.80	4,062.21	89.59	46.343		
10,300.00	6,840.00	6,908.98	6,907.51	121.11	2.42	-91.78	-1,601.05	-2,961.54	4,198.84	4,108.62	90.22	46.539		
10,400.00	6,840.00	6,914.47	6,912.99	123.57	2.42	-91.87	-1,600.99	-2,961.75	4,247.72	4,156.90	90.82	46.772		
10,500.00	6,840.00	6,920.31	6,918.83	126.04	2.43	-91.96	-1,600.93	-2,961.99	4,298.36	4,206.99	91.37	47.043		
10,600.00	6,840.00	6,925.36	6,923.87	128.52	2.43	-92.04	-1,600.87	-2,962.17	4,350.71	4,258.82	91.88	47.350		
10,700.00	6,840.00	6,931.32	6,929.83	131.01	2.43	-92.13	-1,600.81	-2,962.41	4,404.70	4,312.33	92.36	47.689		
10,800.00	6,840.00	6,937.55	6,936.05	133.51	2.43	-92.22	-1,600.74	-2,962.66	4,460.27	4,367.46	92.81	48.060		
10,900.00	6,840.00	6,944.06	6,942.55	136.02	2.43	-92.33	-1,600.67	-2,962.93	4,517.36	4,424.15	93.22	48.460		
11,000.00	6,840.00	6,950.87	6,949.35	138.53	2.43	-92.43	-1,600.60	-2,963.22	4,575.93	4,482.33	93.60	48.889		
11,100.00	6,840.00	6,957.99	6,956.47	141.06	2.43	-92.54	-1,600.52	-2,963.53	4,635.90	4,541.95	93.95	49.345		
11,200.00	6,840.00	6,965.46	6,963.94	143.59	2.43	-92.66	-1,600.44	-2,963.87	4,697.23	4,602.96	94.27	49.826		
11,300.00	6,840.00	6,973.30	6,971.77	146.13	2.43	-92.78	-1,600.36	-2,964.23	4,759.87	4,665.30	94.57	50.332		
11,400.00	6,840.00	6,981.54	6,979.99	148.68	2.44	-92.91	-1,600.27	-2,964.61	4,823.76	4,728.91	94.84	50.861		
11,500.00	6,840.00	6,990.20	6,988.64	151.23	2.44	-93.04	-1,600.17	-2,965.03	4,888.85	4,793.75	95.09	51.412		
11,600.00	6,840.00	6,999.32	6,997.75	153.79	2.44	-93.18	-1,600.08	-2,965.48	4,955.09	4,859.77	95.32	51.983		
11,700.00	6,840.00	7,008.94	7,007.36	156.35	2.44	-93.33	-1,599.97	-2,965.97	5,022.44	4,926.91	95.53	52.575		
11,800.00	6,840.00	7,019.11	7,017.51	158.92	2.44	-93.49	-1,599.86	-2,966.50	5,090.86	4,995.14	95.72	53.184		
11,900.00	6,840.00	11,900.00	6,987.76	161.49	4.33	-93.03	-1,600.18	-2,965.06	5,160.32	5,062.60	97.72	52.807		
12,000.00	6,840.00	12,000.00	6,992.06	164.07	4.38	-93.09	-1,600.14	-2,965.24	5,230.78	5,132.69	98.09	53.326		
12,100.00	6,840.00	12,100.00	6,996.36	166.66	4.43	-93.16	-1,600.09	-2,965.43	5,302.18	5,203.75	98.44	53.863		
12,200.00	6,840.00	12,200.00	7,000.67	169.25	4.48	-93.23	-1,600.04	-2,965.61	5,374.50	5,275.73	98.77	54.414		
12,300.00	6,840.00	12,300.00	7,004.97	171.84	4.53	-93.30	-1,600.00	-2,965.80	5,447.68	5,348.60	99.08	54.981		
12,400.00	6,840.00	7,000.00	6,998.43	174.44	2.44	-93.19	-1,600.07	-2,965.52	5,521.71	5,425.42	96.29	57.342		
12,500.00	6,840.00	7,000.00	6,998.43	177.04	2.44	-93.19	-1,600.07	-2,965.52	5,596.55	5,500.20	96.35	58.085		
12,600.00	6,840.00	7,000.00	6,998.43	179.64	2.44	-93.19	-1,600.07	-2,965.52	5,672.16	5,575.76	96.40	58.841		
12,700.00	6,840.00	7,000.00	6,998.43	182.25	2.44	-93.19	-1,600.07	-2,965.52	5,748.52	5,652.09	96.43	59.611		
12,800.00	6,840.00	7,000.00	6,998.43	184.86	2.44	-93.19	-1,600.07	-2,965.52	5,825.59	5,729.13	96.46	60.394		
12,900.00	6,840.00	7,000.00	6,998.43	187.47	2.44	-93.19	-1,600.07	-2,965.52	5,903.35	5,806.88	96.48	61.189		
13,000.00	6,840.00	7,000.00	6,998.43	190.09	2.44	-93.19	-1,600.07	-2,965.52	5,981.77	5,885.29	96.49	61.996		
13,100.00	6,840.00	7,000.00	6,998.43	192.71	2.44	-93.19	-1,600.07	-2,965.52	6,060.83	5,964.34	96.49	62.814		
13,200.00	6,840.00	7,000.00	6,998.43	195.34	2.44	-93.19	-1,600.07	-2,965.52	6,140.50	6,044.01	96.48	63.643		
13,300.00	6,840.00	7,000.00	6,998.43	197.96	2.44	-93.19	-1,600.07	-2,965.52	6,220.75	6,124.28	96.47	64.481		
13,400.00	6,840.00	7,000.00	6,998.43	200.59	2.44	-93.19	-1,600.07	-2,965.52	6,301.57	6,205.12	96.46	65.330		
13,500.00	6,840.00	7,000.00	6,998.43	203.22	2.44	-93.19	-1,600.07	-2,965.52	6,382.94	6,286.50	96.44	66.189		
13,600.00	6,840.00	7,000.00	6,998.43	205.85	2.44	-93.19	-1,600.07	-2,965.52	6,464.82	6,368.41	96.41	67.056		
13,700.00	6,840.00	7,000.00	6,998.43	208.49	2.44	-93.19	-1,600.07	-2,965.52	6,547.21	6,450.83	96.38	67.932		
13,800.00	6,840.00	7,000.00	6,998.43	211.13	2.44	-93.19	-1,600.07	-2,965.52	6,630.08	6,533.74	96.34	68.816		
13,900.00	6,840.00	7,000.00	6,998.43	213.77	2.44	-93.19	-1,600.07	-2,965.52	6,713.42	6,617.12	96.31	69.709		
14,000.00	6,840.00	7,000.00	6,998.43	216.41	2.44	-93.19	-1,600.07	-2,965.52	6,797.21	6,700.95	96.27	70.609		
14,100.00	6,840.00	7,000.00	6,998.43	219.06	2.44	-93.19	-1,600.07	-2,965.52	6,881.44	6,785.21	96.22	71.516		
14,200.00	6,840.00	7,000.00	6,998.43	221.70	2.44	-93.19	-1,600.07	-2,965.52	6,966.08	6,869.90	96.18	72.431		
14,300.00	6,840.00	7,000.00	6,998.43	224.35	2.44	-93.19	-1,600.07	-2,965.52	7,051.12	6,954.99	96.13	73.352		
14,400.00	6,840.00	7,000.00	6,998.43	227.00	2.44	-93.19	-1,600.07	-2,965.52	7,136.55	7,040.47	96.08	74.280		
14,500.00	6,840.00	7,000.00	6,998.43	229.65	2.44	-93.19	-1,600.07	-2,965.52	7,222.35	7,126.33	96.02	75.215		
14,600.00	6,840.00	7,000.00	6,998.43	232.30	2.44	-93.19	-1,600.07	-2,965.52	7,308.52	7,212.55	95.97	76.155		
14,700.00	6,840.00	7,000.00	6,998.43	234.96	2.44	-93.19	-1,600.07	-2,965.52	7,395.03	7,299.12	95.91	77.101		
14,800.00	6,840.00	7,000.00	6,998.43	237.61	2.44	-93.19	-1,600.07	-2,965.52	7,481.88	7,386.02	95.86	78.052		
14,900.00	6,840.00	7,000.00	6,998.43	240.27	2.44	-93.19	-1,600.07	-2,965.52	7,569.05	7,473.25	95.80	79.009		
15,000.00	6,840.00	7,000.00	6,998.43	242.93	2.44	-93.19	-1,600.07	-2,965.52	7,656.54	7,560.80	95.74	79.971		
15,100.00	6,840.00	7,000.00	6,998.43	245.59	2.44	-93.19	-1,600.07	-2,965.52	7,744.33	7,648.65	95.68	80.938		
15,200.00	6,840.00	7,000.00	6,998.43	248.25	2.44	-93.19	-1,600.07	-2,965.52	7,832.41	7,736.79	95.62	81.909		
15,300.00	6,840.00	7,000.00	6,998.43	250.92	2.44	-93.19	-1,600.07	-2,965.52	7,920.78	7,825.22	95.56	82.885		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,400.00	6,840.00	7,000.00	6,998.43	253.58	2.44	-93.19	-1,600.07	-2,965.52	8,009.42	7,913.92	95.50	83.866	
15,500.00	6,840.00	7,000.00	6,998.43	256.25	2.44	-93.19	-1,600.07	-2,965.52	8,098.32	8,002.88	95.44	84.850	
15,600.00	6,840.00	7,000.00	6,998.43	258.91	2.44	-93.19	-1,600.07	-2,965.52	8,187.49	8,092.10	95.38	85.839	
15,700.00	6,840.00	7,000.00	6,998.43	261.58	2.44	-93.19	-1,600.07	-2,965.52	8,276.89	8,181.57	95.32	86.831	
15,800.00	6,840.00	7,000.00	6,998.43	264.25	2.44	-93.19	-1,600.07	-2,965.52	8,366.54	8,271.28	95.26	87.827	
15,900.00	6,840.00	7,000.00	6,998.43	266.92	2.44	-93.19	-1,600.07	-2,965.52	8,456.42	8,361.22	95.20	88.827	
16,000.00	6,840.00	7,000.00	6,998.43	269.59	2.44	-93.19	-1,600.07	-2,965.52	8,546.53	8,451.39	95.14	89.830	
16,100.00	6,840.00	7,000.00	6,998.43	272.26	2.44	-93.19	-1,600.07	-2,965.52	8,636.85	8,541.77	95.08	90.836	
16,200.00	6,840.00	7,000.00	6,998.43	274.94	2.44	-93.19	-1,600.07	-2,965.52	8,727.38	8,632.36	95.02	91.845	
16,300.00	6,840.00	7,000.00	6,998.43	277.61	2.44	-93.19	-1,600.07	-2,965.52	8,818.12	8,723.16	94.96	92.858	
16,400.00	6,840.00	7,000.00	6,998.43	280.28	2.44	-93.19	-1,600.07	-2,965.52	8,909.06	8,814.15	94.91	93.873	
16,500.00	6,840.00	7,000.00	6,998.43	282.96	2.44	-93.19	-1,600.07	-2,965.52	9,000.19	8,905.34	94.85	94.891	
16,600.00	6,840.00	7,000.00	6,998.43	285.64	2.44	-93.19	-1,600.07	-2,965.52	9,091.50	8,996.71	94.79	95.911	
16,700.00	6,840.00	7,000.00	6,998.43	288.31	2.44	-93.19	-1,600.07	-2,965.52	9,183.00	9,088.26	94.73	96.934	
16,800.00	6,840.00	7,000.00	6,998.43	290.99	2.44	-93.19	-1,600.07	-2,965.52	9,274.67	9,179.99	94.68	97.959	
16,900.00	6,840.00	7,000.00	6,998.43	293.67	2.44	-93.19	-1,600.07	-2,965.52	9,366.51	9,271.89	94.62	98.987	
17,000.00	6,840.00	7,000.00	6,998.43	296.35	2.44	-93.19	-1,600.07	-2,965.52	9,458.52	9,363.95	94.57	100.017	
17,100.00	6,840.00	7,000.00	6,998.43	299.03	2.44	-93.19	-1,600.07	-2,965.52	9,550.69	9,456.17	94.52	101.049	
17,200.00	6,840.00	7,000.00	6,998.43	301.71	2.44	-93.19	-1,600.07	-2,965.52	9,643.01	9,548.55	94.46	102.082	
17,300.00	6,840.00	7,000.00	6,998.43	304.39	2.44	-93.19	-1,600.07	-2,965.52	9,735.49	9,641.08	94.41	103.118	
17,400.00	6,840.00	7,000.00	6,998.43	307.08	2.44	-93.19	-1,600.07	-2,965.52	9,828.11	9,733.75	94.36	104.156	
17,500.00	6,840.00	7,000.00	6,998.43	309.76	2.44	-93.19	-1,600.07	-2,965.52	9,920.88	9,826.57	94.31	105.195	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
0.00	0.00	0.00	0.00	0.00	0.00	-5.68	2,303.86	-229.32	2,315.34					
100.00	100.00	79.00	79.00	0.13	0.62	-5.68	2,303.86	-229.32	2,315.24	2,314.49	0.75	3,066.982		
200.00	200.00	179.00	179.00	0.49	2.16	-5.68	2,303.86	-229.32	2,315.24	2,312.58	2.66	871.339		
300.00	300.00	279.00	279.00	0.85	3.91	-5.68	2,303.86	-229.32	2,315.24	2,310.48	4.76	486.302		
400.00	399.98	378.98	378.98	1.21	5.65	38.99	2,303.86	-229.32	2,313.88	2,307.02	6.86	337.140		
500.00	499.84	478.84	478.84	1.57	7.40	39.13	2,303.86	-229.32	2,309.82	2,300.85	8.97	257.579		
600.00	599.45	578.45	578.45	1.94	9.14	39.35	2,303.86	-229.32	2,303.06	2,291.98	11.07	207.979		
700.00	698.70	677.70	677.70	2.32	10.87	39.66	2,303.86	-229.32	2,293.63	2,280.44	13.18	174.002		
800.00	797.47	776.47	776.47	2.73	12.59	40.07	2,303.86	-229.32	2,281.56	2,266.27	15.29	149.194		
900.00	895.62	874.62	874.62	3.16	14.31	40.57	2,303.86	-229.32	2,266.90	2,249.49	17.41	130.226		
1,000.00	993.06	972.06	972.06	3.63	16.01	41.17	2,303.86	-229.32	2,249.70	2,230.17	19.53	115.206		
1,100.00	1,089.64	1,068.64	1,068.64	4.14	17.69	41.86	2,303.86	-229.32	2,230.03	2,208.37	21.66	102.980		
1,200.00	1,185.27	1,164.27	1,164.27	4.70	19.36	42.67	2,303.86	-229.32	2,207.96	2,184.17	23.79	92.804		
1,300.00	1,279.82	1,258.82	1,258.82	5.30	21.01	43.58	2,303.86	-229.32	2,183.58	2,157.64	25.94	84.179		
1,400.00	1,373.17	1,352.17	1,352.17	5.96	22.64	44.60	2,303.86	-229.32	2,157.00	2,128.90	28.10	76.755		
1,500.00	1,465.21	1,444.21	1,444.21	6.67	24.25	45.73	2,303.86	-229.32	2,128.33	2,098.04	30.28	70.283		
1,600.00	1,555.84	1,534.84	1,534.84	7.44	25.83	46.99	2,303.86	-229.32	2,097.69	2,065.21	32.48	64.579		
1,700.00	1,645.41	1,624.41	1,624.41	8.26	27.39	47.95	2,303.86	-229.32	2,065.90	2,031.19	34.71	59.526		
1,800.00	1,734.94	1,713.94	1,713.94	9.09	28.95	48.83	2,303.86	-229.32	2,034.52	1,997.57	36.95	55.058		
1,900.00	1,824.47	1,803.47	1,803.47	9.94	30.52	49.73	2,303.86	-229.32	2,003.65	1,964.42	39.22	51.083		
2,000.00	1,913.99	1,892.99	1,892.99	10.80	32.32	50.66	2,303.86	-229.32	1,973.29	1,931.53	41.76	47.251		
2,100.00	2,003.52	1,982.52	1,982.52	11.66	33.64	51.61	2,303.86	-229.32	1,943.49	1,899.65	43.83	44.338		
2,200.00	2,093.05	2,072.05	2,072.05	12.53	35.20	52.59	2,303.86	-229.32	1,914.26	1,868.08	46.17	41.461		
2,300.00	2,182.58	2,161.58	2,161.58	13.40	36.77	53.59	2,303.86	-229.32	1,885.62	1,837.09	48.53	38.857		
2,400.00	2,272.11	2,251.11	2,251.11	14.28	38.33	54.62	2,303.86	-229.32	1,857.62	1,806.71	50.90	36.492		
2,500.00	2,361.63	2,340.63	2,340.63	15.16	39.89	55.68	2,303.86	-229.32	1,830.26	1,776.96	53.30	34.339		
2,600.00	2,451.16	2,430.16	2,430.16	16.04	41.45	56.77	2,303.86	-229.32	1,803.60	1,747.89	55.72	32.372		
2,700.00	2,540.69	2,519.69	2,519.69	16.92	43.02	57.88	2,303.86	-229.32	1,777.65	1,719.50	58.15	30.571		
2,800.00	2,630.22	2,609.22	2,609.22	17.81	44.58	59.02	2,303.86	-229.32	1,752.45	1,691.85	60.60	28.919		
2,900.00	2,719.75	2,701.25	2,698.75	18.70	46.19	60.19	2,303.86	-229.32	1,728.03	1,664.92	63.11	27.381		
3,000.00	2,809.28	2,788.28	2,788.28	19.58	47.70	61.38	2,303.86	-229.32	1,704.43	1,638.88	65.55	26.001		
3,100.00	2,898.80	2,877.80	2,877.80	20.47	49.27	62.61	2,303.86	-229.32	1,681.68	1,613.62	68.05	24.711		
3,200.00	2,988.33	2,967.33	2,967.33	21.36	50.83	63.86	2,303.86	-229.32	1,659.81	1,589.24	70.57	23.520		
3,300.00	3,077.86	3,056.86	3,056.86	22.26	52.39	65.14	2,303.86	-229.32	1,638.86	1,565.76	73.10	22.420		
3,400.00	3,167.39	3,146.39	3,146.39	23.15	53.95	66.44	2,303.86	-229.32	1,618.86	1,543.22	75.64	21.402		
3,500.00	3,256.92	3,235.92	3,235.92	24.04	55.52	67.77	2,303.86	-229.32	1,599.85	1,521.66	78.19	20.460		
3,600.00	3,346.44	3,325.44	3,325.44	24.93	57.08	69.13	2,303.86	-229.32	1,581.88	1,501.12	80.76	19.588		
3,700.00	3,435.97	3,414.97	3,414.97	25.83	58.64	70.52	2,303.86	-229.32	1,564.96	1,481.63	83.33	18.781		
3,800.00	3,525.50	3,504.50	3,504.50	26.72	60.21	71.92	2,303.86	-229.32	1,549.14	1,463.24	85.90	18.033		
3,900.00	3,615.03	3,605.97	3,594.03	27.62	61.98	73.35	2,303.86	-229.32	1,534.45	1,445.76	88.69	17.300		
4,000.00	3,704.56	3,683.56	3,683.56	28.51	63.33	74.81	2,303.86	-229.32	1,520.93	1,429.86	91.07	16.701		
4,100.00	3,794.09	3,773.09	3,773.09	29.41	64.89	76.28	2,303.86	-229.32	1,508.60	1,414.95	93.65	16.109		
4,200.00	3,883.61	3,862.61	3,862.61	30.30	66.46	77.77	2,303.86	-229.32	1,497.49	1,401.26	96.23	15.562		
4,300.00	3,973.14	3,952.14	3,952.14	31.20	68.02	79.28	2,303.86	-229.32	1,487.64	1,388.83	98.80	15.057		
4,400.00	4,062.67	4,041.67	4,041.67	32.10	69.58	80.80	2,303.86	-229.32	1,479.06	1,377.69	101.37	14.591		
4,500.00	4,152.20	4,131.20	4,131.20	32.99	71.14	82.34	2,303.86	-229.32	1,471.78	1,367.86	103.92	14.162		
4,600.00	4,241.73	4,220.73	4,220.73	33.89	72.71	83.88	2,303.86	-229.32	1,465.82	1,359.36	106.46	13.769		
4,700.00	4,331.26	4,310.26	4,310.26	34.79	74.27	85.44	2,303.86	-229.32	1,461.20	1,352.21	108.99	13.407		
4,800.00	4,420.78	4,400.22	4,399.78	35.69	75.84	87.00	2,303.86	-229.32	1,457.92	1,346.42	111.50	13.076		
4,900.00	4,510.31	4,489.31	4,489.31	36.58	77.39	88.57	2,303.86	-229.32	1,456.00	1,342.02	113.97	12.775		
4,991.07	4,591.84	4,570.84	4,570.84	37.40	78.82	90.00	2,303.86	-229.32	1,455.43	1,339.22	116.21	12.524 CC		
5,000.00	4,599.84	4,578.84	4,578.84	37.48	78.96	90.14	2,303.86	-229.32	1,455.44	1,339.00	116.43	12.500		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,668.37	4,668.37	38.38	80.52	91.71	2,303.86	-229.32	1,456.24	1,337.37	118.87	12.251		
5,200.00	4,778.90	4,757.90	4,757.90	39.28	82.08	93.28	2,303.86	-229.32	1,458.40	1,337.13	121.28	12.026 ES		
5,300.00	4,868.42	4,847.42	4,847.42	40.18	83.64	94.84	2,303.86	-229.32	1,461.92	1,338.27	123.65	11.823		
5,400.00	4,957.95	4,936.95	4,936.95	41.07	85.21	96.39	2,303.86	-229.32	1,466.79	1,340.79	126.00	11.641		
5,500.00	5,047.48	5,026.48	5,026.48	41.97	86.77	97.94	2,303.86	-229.32	1,472.99	1,344.67	128.32	11.479		
5,600.00	5,137.01	5,116.01	5,116.01	42.87	88.33	99.47	2,303.86	-229.32	1,480.50	1,349.89	130.60	11.336		
5,700.00	5,226.54	5,205.54	5,205.54	43.77	89.89	100.99	2,303.86	-229.32	1,489.30	1,356.45	132.86	11.210		
5,800.00	5,316.07	5,304.93	5,295.07	44.67	91.63	102.50	2,303.86	-229.32	1,499.38	1,364.13	135.25	11.086		
5,900.00	5,405.59	5,384.59	5,384.59	45.57	93.02	103.99	2,303.86	-229.32	1,510.71	1,373.44	137.27	11.006		
6,000.00	5,495.12	5,474.12	5,474.12	46.47	94.58	105.46	2,303.86	-229.32	1,523.26	1,383.83	139.43	10.925		
6,100.00	5,584.65	5,563.65	5,563.65	47.37	96.14	106.90	2,303.86	-229.32	1,536.99	1,395.44	141.55	10.858		
6,200.00	5,674.18	5,653.18	5,653.18	48.27	97.71	108.33	2,303.86	-229.32	1,551.89	1,408.23	143.65	10.803		
6,300.00	5,763.71	5,742.71	5,742.71	49.16	99.27	109.73	2,303.86	-229.32	1,567.90	1,422.18	145.72	10.760		
6,400.00	5,853.23	5,832.23	5,832.23	50.06	100.83	111.11	2,303.86	-229.32	1,585.01	1,437.25	147.76	10.727		
6,500.00	5,942.76	5,921.76	5,921.76	50.96	102.39	112.47	2,303.86	-229.32	1,603.18	1,453.40	149.78	10.704		
6,600.00	6,032.29	6,011.29	6,011.29	51.86	103.96	113.79	2,303.86	-229.32	1,622.36	1,470.59	151.77	10.690		
6,700.00	6,121.82	6,100.82	6,100.82	52.76	105.52	115.09	2,303.86	-229.32	1,642.53	1,488.79	153.74	10.684		
6,800.00	6,211.35	6,209.65	6,190.35	53.66	107.42	116.37	2,303.86	-229.32	1,663.65	1,507.63	156.02	10.663 SF		
6,900.00	6,300.88	6,279.88	6,279.88	54.56	108.64	117.62	2,303.86	-229.32	1,685.68	1,528.07	157.61	10.695		
7,000.00	6,390.40	6,369.40	6,369.40	55.46	110.21	118.83	2,303.86	-229.32	1,708.59	1,549.07	159.52	10.711		
7,100.00	6,479.90	6,458.90	6,458.90	56.36	111.77	121.66	2,303.86	-229.32	1,732.45	1,571.04	161.41	10.733		
7,200.00	6,565.62	6,544.62	6,544.62	57.41	113.27	133.10	2,303.86	-229.32	1,767.04	1,603.79	163.26	10.824		
7,300.00	6,643.25	6,622.25	6,622.25	58.67	114.62	139.80	2,303.86	-229.32	1,817.85	1,652.86	164.98	11.018		
7,400.00	6,710.45	6,689.45	6,689.45	60.11	115.79	143.46	2,303.86	-229.32	1,883.21	1,716.70	166.52	11.310		
7,500.00	6,765.16	6,744.16	6,744.16	61.71	116.75	144.70	2,303.86	-229.32	1,960.98	1,793.20	167.79	11.687		
7,600.00	6,805.74	6,784.74	6,784.74	63.40	117.46	142.96	2,303.86	-229.32	2,048.58	1,879.83	168.75	12.140		
7,700.00	6,830.93	6,809.93	6,809.93	65.14	117.90	134.61	2,303.86	-229.32	2,143.14	1,973.78	169.36	12.654		
7,800.00	6,839.98	6,818.98	6,818.98	66.86	118.05	94.47	2,303.86	-229.32	2,241.63	2,072.02	169.61	13.216		
7,900.00	6,840.00	6,819.00	6,819.00	68.58	118.05	90.00	2,303.86	-229.32	2,341.11	2,171.45	169.66	13.799		
8,000.00	6,840.00	6,819.00	6,819.00	70.35	118.05	90.00	2,303.86	-229.32	2,440.63	2,270.92	169.71	14.381		
8,100.00	6,840.00	6,819.00	6,819.00	72.18	118.05	90.00	2,303.86	-229.32	2,540.18	2,370.43	169.75	14.964		
8,200.00	6,840.00	6,819.00	6,819.00	74.06	118.05	90.00	2,303.86	-229.32	2,639.77	2,469.98	169.79	15.547		
8,300.00	6,840.00	6,819.00	6,819.00	75.98	118.05	90.00	2,303.86	-229.32	2,739.39	2,569.56	169.83	16.130		
8,400.00	6,840.00	6,819.00	6,819.00	77.96	118.05	90.00	2,303.86	-229.32	2,839.04	2,669.17	169.87	16.713		
8,500.00	6,840.00	6,819.00	6,819.00	79.97	118.05	90.00	2,303.86	-229.32	2,938.71	2,768.80	169.91	17.296		
8,600.00	6,840.00	6,819.00	6,819.00	82.03	118.05	90.00	2,303.86	-229.32	3,038.40	2,868.46	169.94	17.879		
8,700.00	6,840.00	6,819.00	6,819.00	84.12	118.05	90.00	2,303.86	-229.32	3,138.11	2,968.13	169.98	18.462		
8,800.00	6,840.00	6,819.00	6,819.00	86.25	118.05	90.00	2,303.86	-229.32	3,237.84	3,067.83	170.01	19.045		
8,900.00	6,840.00	6,819.00	6,819.00	88.41	118.05	90.00	2,303.86	-229.32	3,337.58	3,167.54	170.04	19.628		
9,000.00	6,840.00	6,819.00	6,819.00	90.60	118.05	90.00	2,303.86	-229.32	3,437.34	3,267.27	170.08	20.211		
9,100.00	6,840.00	6,819.00	6,819.00	92.82	118.05	90.00	2,303.86	-229.32	3,537.12	3,367.01	170.11	20.793		
9,200.00	6,840.00	6,819.00	6,819.00	95.07	118.05	90.00	2,303.86	-229.32	3,636.90	3,466.76	170.14	21.376		
9,300.00	6,840.00	6,819.00	6,819.00	97.34	118.05	90.00	2,303.86	-229.32	3,736.70	3,566.53	170.17	21.958		
9,400.00	6,840.00	6,819.00	6,819.00	99.64	118.05	90.00	2,303.86	-229.32	3,836.51	3,666.31	170.20	22.541		
9,500.00	6,840.00	6,819.00	6,819.00	101.95	118.05	90.00	2,303.86	-229.32	3,936.33	3,766.09	170.23	23.123		
9,600.00	6,840.00	6,819.00	6,819.00	104.29	118.05	90.00	2,303.86	-229.32	4,036.15	3,865.89	170.26	23.705		
9,700.00	6,840.00	6,819.00	6,819.00	106.64	118.05	90.00	2,303.86	-229.32	4,135.99	3,965.70	170.29	24.287		
9,800.00	6,840.00	6,819.00	6,819.00	109.02	118.05	90.00	2,303.86	-229.32	4,235.83	4,065.51	170.32	24.869		
9,900.00	6,840.00	6,819.00	6,819.00	111.41	118.05	90.00	2,303.86	-229.32	4,335.68	4,165.33	170.35	25.451		
10,000.00	6,840.00	6,819.00	6,819.00	113.81	118.05	90.00	2,303.86	-229.32	4,435.54	4,265.15	170.39	26.032		
10,100.00	6,840.00	6,819.00	6,819.00	116.23	118.05	90.00	2,303.86	-229.32	4,535.40	4,364.99	170.42	26.614		
10,200.00	6,840.00	6,819.00	6,819.00	118.67	118.05	90.00	2,303.86	-229.32	4,635.27	4,464.83	170.45	27.195		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	118.05	90.00	2,303.86	-229.32	4,735.15	4,564.67	170.48	27.776		
10,400.00	6,840.00	6,819.00	6,819.00	123.57	118.05	90.00	2,303.86	-229.32	4,835.03	4,664.52	170.51	28.357		
10,500.00	6,840.00	6,819.00	6,819.00	126.04	118.05	90.00	2,303.86	-229.32	4,934.91	4,764.37	170.54	28.937		
10,600.00	6,840.00	6,819.00	6,819.00	128.52	118.05	90.00	2,303.86	-229.32	5,034.80	4,864.23	170.57	29.518		
10,700.00	6,840.00	6,819.00	6,819.00	131.01	118.05	90.00	2,303.86	-229.32	5,134.69	4,964.10	170.60	30.098		
10,800.00	6,840.00	6,819.00	6,819.00	133.51	118.05	90.00	2,303.86	-229.32	5,234.59	5,063.96	170.63	30.678		
10,900.00	6,840.00	6,819.00	6,819.00	136.02	118.05	90.00	2,303.86	-229.32	5,334.49	5,163.83	170.66	31.258		
11,000.00	6,840.00	6,819.00	6,819.00	138.53	118.05	90.00	2,303.86	-229.32	5,434.40	5,263.71	170.69	31.837		
11,100.00	6,840.00	6,819.00	6,819.00	141.06	118.05	90.00	2,303.86	-229.32	5,534.31	5,363.58	170.72	32.417		
11,200.00	6,840.00	6,819.00	6,819.00	143.59	118.05	90.00	2,303.86	-229.32	5,634.22	5,463.46	170.76	32.996		
11,300.00	6,840.00	6,819.00	6,819.00	146.13	118.05	90.00	2,303.86	-229.32	5,734.13	5,563.35	170.79	33.574		
11,400.00	6,840.00	6,819.00	6,819.00	148.68	118.05	90.00	2,303.86	-229.32	5,834.05	5,663.23	170.82	34.153		
11,500.00	6,840.00	6,819.00	6,819.00	151.23	118.05	90.00	2,303.86	-229.32	5,933.97	5,763.12	170.85	34.731		
11,600.00	6,840.00	6,819.00	6,819.00	153.79	118.05	90.00	2,303.86	-229.32	6,033.90	5,863.01	170.89	35.309		
11,700.00	6,840.00	6,819.00	6,819.00	156.35	118.05	90.00	2,303.86	-229.32	6,133.82	5,962.90	170.92	35.887		
11,800.00	6,840.00	6,819.00	6,819.00	158.92	118.05	90.00	2,303.86	-229.32	6,233.75	6,062.80	170.95	36.465		
11,900.00	6,840.00	6,819.00	6,819.00	161.49	118.05	90.00	2,303.86	-229.32	6,333.68	6,162.69	170.99	37.042		
12,000.00	6,840.00	6,819.00	6,819.00	164.07	118.05	90.00	2,303.86	-229.32	6,433.61	6,262.59	171.02	37.619		
12,100.00	6,840.00	6,819.00	6,819.00	166.66	118.05	90.00	2,303.86	-229.32	6,533.55	6,362.49	171.06	38.196		
12,200.00	6,840.00	6,819.00	6,819.00	169.25	118.05	90.00	2,303.86	-229.32	6,633.48	6,462.39	171.09	38.772		
12,300.00	6,840.00	6,819.00	6,819.00	171.84	118.05	90.00	2,303.86	-229.32	6,733.42	6,562.30	171.12	39.348		
12,400.00	6,840.00	6,819.00	6,819.00	174.44	118.05	90.00	2,303.86	-229.32	6,833.36	6,662.20	171.16	39.924		
12,500.00	6,840.00	6,819.00	6,819.00	177.04	118.05	90.00	2,303.86	-229.32	6,933.31	6,762.11	171.20	40.499		
12,600.00	6,840.00	6,819.00	6,819.00	179.64	118.05	90.00	2,303.86	-229.32	7,033.25	6,862.02	171.23	41.075		
12,700.00	6,840.00	6,819.00	6,819.00	182.25	118.05	90.00	2,303.86	-229.32	7,133.19	6,961.93	171.27	41.649		
12,800.00	6,840.00	6,819.00	6,819.00	184.86	118.05	90.00	2,303.86	-229.32	7,233.14	7,061.84	171.30	42.224		
12,900.00	6,840.00	6,819.00	6,819.00	187.47	118.05	90.00	2,303.86	-229.32	7,333.09	7,161.75	171.34	42.798		
13,000.00	6,840.00	6,819.00	6,819.00	190.09	118.05	90.00	2,303.86	-229.32	7,433.04	7,261.66	171.38	43.372		
13,100.00	6,840.00	6,819.00	6,819.00	192.71	118.05	90.00	2,303.86	-229.32	7,532.99	7,361.57	171.42	43.946		
13,200.00	6,840.00	6,819.00	6,819.00	195.34	118.05	90.00	2,303.86	-229.32	7,632.94	7,461.49	171.45	44.519		
13,300.00	6,840.00	6,819.00	6,819.00	197.96	118.05	90.00	2,303.86	-229.32	7,732.90	7,561.40	171.49	45.092		
13,400.00	6,840.00	6,819.00	6,819.00	200.59	118.05	90.00	2,303.86	-229.32	7,832.85	7,661.32	171.53	45.665		
13,500.00	6,840.00	6,819.00	6,819.00	203.22	118.05	90.00	2,303.86	-229.32	7,932.81	7,761.24	171.57	46.237		
13,600.00	6,840.00	6,819.00	6,819.00	205.85	118.05	90.00	2,303.86	-229.32	8,032.76	7,861.15	171.61	46.809		
13,700.00	6,840.00	6,819.00	6,819.00	208.49	118.05	90.00	2,303.86	-229.32	8,132.72	7,961.07	171.65	47.380		
13,800.00	6,840.00	6,819.00	6,819.00	211.13	118.05	90.00	2,303.86	-229.32	8,232.68	8,060.99	171.69	47.952		
13,900.00	6,840.00	6,819.00	6,819.00	213.77	118.05	90.00	2,303.86	-229.32	8,332.64	8,160.91	171.73	48.522		
14,000.00	6,840.00	6,819.00	6,819.00	216.41	118.05	90.00	2,303.86	-229.32	8,432.60	8,260.83	171.77	49.093		
14,100.00	6,840.00	6,819.00	6,819.00	219.06	118.05	90.00	2,303.86	-229.32	8,532.56	8,360.75	171.81	49.663		
14,200.00	6,840.00	6,819.00	6,819.00	221.70	118.05	90.00	2,303.86	-229.32	8,632.52	8,460.67	171.85	50.233		
14,300.00	6,840.00	6,819.00	6,819.00	224.35	118.05	90.00	2,303.86	-229.32	8,732.49	8,560.60	171.89	50.802		
14,400.00	6,840.00	6,819.00	6,819.00	227.00	118.05	90.00	2,303.86	-229.32	8,832.45	8,660.52	171.93	51.371		
14,500.00	6,840.00	6,819.00	6,819.00	229.65	118.05	90.00	2,303.86	-229.32	8,932.42	8,760.44	171.98	51.940		
14,600.00	6,840.00	6,819.00	6,819.00	232.30	118.05	90.00	2,303.86	-229.32	9,032.38	8,860.36	172.02	52.508		
14,700.00	6,840.00	6,819.00	6,819.00	234.96	118.05	90.00	2,303.86	-229.32	9,132.35	8,960.29	172.06	53.076		
14,800.00	6,840.00	6,819.00	6,819.00	237.61	118.05	90.00	2,303.86	-229.32	9,232.32	9,060.21	172.11	53.643		
14,900.00	6,840.00	6,819.00	6,819.00	240.27	118.05	90.00	2,303.86	-229.32	9,332.29	9,160.14	172.15	54.210		
15,000.00	6,840.00	6,819.00	6,819.00	242.93	118.05	90.00	2,303.86	-229.32	9,432.25	9,260.06	172.19	54.777		
15,100.00	6,840.00	6,819.00	6,819.00	245.59	118.05	90.00	2,303.86	-229.32	9,532.22	9,359.99	172.24	55.343		
15,200.00	6,840.00	6,819.00	6,819.00	248.25	118.05	90.00	2,303.86	-229.32	9,632.19	9,459.91	172.28	55.909		
15,300.00	6,840.00	6,819.00	6,819.00	250.92	118.05	90.00	2,303.86	-229.32	9,732.16	9,559.84	172.33	56.475		
15,400.00	6,840.00	6,819.00	6,819.00	253.58	118.05	90.00	2,303.86	-229.32	9,832.14	9,659.76	172.37	57.040		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,819.00	6,819.00	256.25	118.05	90.00	2,303.86	-229.32	9,932.11	9,759.69	172.42	57.604	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-107.95	-1,120.37	-3,457.59	3,634.95					
100.00	100.00	48.71	48.71	0.13	0.05	-107.96	-1,120.48	-3,457.55	3,634.57	3,634.39	0.18	N/A		
200.00	200.00	173.19	173.19	0.49	0.19	-107.97	-1,121.53	-3,456.91	3,634.37	3,633.69	0.68	5,338.386		
300.00	300.00	279.90	279.88	0.85	0.30	-108.00	-1,122.57	-3,455.58	3,633.49	3,632.34	1.14	3,185.215		
400.00	399.98	374.34	374.31	1.21	0.37	-63.44	-1,123.68	-3,454.41	3,631.89	3,630.33	1.56	2,322.741		
500.00	499.84	459.07	459.02	1.57	0.42	-63.57	-1,124.77	-3,453.56	3,629.01	3,627.03	1.97	1,841.076		
600.00	599.45	530.82	530.76	1.94	0.46	-63.75	-1,125.97	-3,453.16	3,625.14	3,622.77	2.37	1,527.756		
700.00	698.70	600.00	599.93	2.32	0.50	-63.97	-1,127.52	-3,453.40	3,620.73	3,617.95	2.78	1,301.520		
800.00	797.47	670.95	670.85	2.73	0.53	-64.25	-1,129.51	-3,454.10	3,615.63	3,612.42	3.21	1,126.073		
900.00	895.62	765.77	765.61	3.16	0.58	-64.66	-1,132.60	-3,455.24	3,609.49	3,605.82	3.67	982.955		
1,000.00	993.06	868.61	868.38	3.63	0.63	-65.18	-1,136.08	-3,456.30	3,601.88	3,597.72	4.16	864.916		
1,100.00	1,089.64	968.63	968.34	4.14	0.67	-65.76	-1,139.29	-3,457.24	3,592.84	3,588.15	4.69	766.296		
1,200.00	1,185.27	1,064.42	1,064.09	4.70	0.72	-66.40	-1,142.07	-3,458.19	3,582.51	3,577.26	5.25	682.407		
1,300.00	1,279.82	1,158.17	1,157.80	5.30	0.76	-67.09	-1,144.58	-3,459.20	3,571.07	3,565.21	5.85	609.960		
1,400.00	1,373.17	1,249.99	1,249.58	5.96	0.79	-67.84	-1,146.86	-3,460.27	3,558.59	3,552.09	6.51	546.789		
1,500.00	1,465.21	1,336.35	1,335.91	6.67	0.83	-68.62	-1,148.78	-3,461.42	3,545.25	3,538.03	7.21	491.457		
1,600.00	1,555.84	1,418.59	1,418.13	7.44	0.86	-69.44	-1,150.55	-3,462.76	3,531.28	3,523.30	7.98	442.686		
1,700.00	1,645.41	1,506.16	1,505.66	8.26	0.89	-70.12	-1,152.46	-3,464.30	3,517.06	3,508.27	8.79	400.084		
1,800.00	1,734.94	1,601.77	1,601.24	9.09	0.93	-70.79	-1,154.45	-3,465.95	3,503.27	3,493.64	9.63	363.797		
1,900.00	1,824.47	1,705.55	1,704.99	9.94	0.96	-71.53	-1,156.22	-3,467.58	3,489.74	3,479.25	10.49	332.728		
2,000.00	1,913.99	1,802.83	1,802.25	10.80	1.00	-72.22	-1,157.43	-3,468.99	3,476.45	3,465.09	11.36	306.059		
2,100.00	2,003.52	1,917.93	1,917.34	11.66	1.03	-73.04	-1,158.04	-3,470.45	3,463.26	3,451.02	12.24	282.865		
2,200.00	2,093.05	2,046.19	2,045.59	12.53	1.05	-73.94	-1,157.23	-3,471.47	3,449.73	3,436.60	13.13	262.769		
2,300.00	2,182.58	2,153.92	2,153.31	13.40	1.05	-74.69	-1,155.53	-3,471.73	3,435.84	3,421.83	14.01	245.184		
2,400.00	2,272.11	2,255.20	2,254.57	14.28	1.06	-75.40	-1,153.84	-3,471.73	3,422.25	3,407.35	14.90	229.641		
2,500.00	2,361.63	2,367.14	2,366.50	15.16	1.07	-76.20	-1,151.87	-3,471.11	3,408.67	3,392.87	15.80	215.792		
2,600.00	2,451.16	2,469.16	2,468.49	16.04	1.08	-76.93	-1,149.93	-3,469.98	3,395.10	3,378.40	16.69	203.368		
2,700.00	2,540.69	2,554.46	2,553.77	16.92	1.09	-77.56	-1,148.65	-3,468.70	3,381.94	3,364.34	17.60	192.164		
2,800.00	2,630.22	2,637.04	2,636.34	17.81	1.10	-78.17	-1,147.93	-3,467.41	3,369.54	3,351.03	18.51	182.037		
2,900.00	2,719.75	2,720.08	2,719.36	18.70	1.11	-78.80	-1,147.39	-3,466.11	3,357.82	3,338.39	19.43	172.848		
3,000.00	2,809.28	2,793.55	2,792.83	19.58	1.12	-79.35	-1,147.09	-3,465.17	3,346.99	3,326.64	20.35	164.492		
3,100.00	2,898.80	2,877.21	2,876.49	20.47	1.13	-79.99	-1,146.93	-3,464.31	3,337.04	3,315.76	21.27	156.876		
3,200.00	2,988.33	2,966.59	2,965.86	21.36	1.15	-80.68	-1,146.89	-3,463.41	3,327.74	3,305.54	22.20	149.892		
3,300.00	3,077.86	3,058.27	3,057.53	22.26	1.17	-81.38	-1,146.99	-3,462.31	3,318.99	3,295.85	23.13	143.485		
3,400.00	3,167.39	3,153.18	3,152.43	23.15	1.19	-82.13	-1,147.35	-3,460.89	3,310.74	3,286.67	24.06	137.578		
3,500.00	3,256.92	3,280.27	3,279.50	24.04	1.21	-83.12	-1,146.82	-3,458.86	3,302.67	3,277.68	25.00	132.124		
3,600.00	3,346.44	3,414.07	3,413.23	24.93	1.23	-84.15	-1,144.52	-3,455.38	3,293.66	3,267.74	25.93	127.032		
3,700.00	3,435.97	3,473.26	3,472.40	25.83	1.24	-84.61	-1,143.45	-3,453.85	3,285.29	3,258.43	26.87	122.283		
3,800.00	3,525.50	3,527.90	3,527.02	26.72	1.25	-85.03	-1,142.54	-3,453.03	3,278.37	3,250.57	27.80	117.922		
3,900.00	3,615.03	3,579.00	3,578.12	27.62	1.25	-85.42	-1,141.70	-3,453.02	3,273.07	3,244.34	28.73	113.923		
4,000.00	3,704.56	3,634.49	3,633.59	28.51	1.26	-85.84	-1,140.85	-3,453.80	3,269.37	3,239.71	29.66	110.237		
4,100.00	3,794.09	3,700.00	3,699.09	29.41	1.26	-86.32	-1,140.29	-3,455.24	3,267.14	3,236.56	30.58	106.829		
4,200.00	3,883.61	3,757.81	3,756.87	30.30	1.27	-86.76	-1,140.22	-3,456.83	3,266.25	3,234.75	31.50	103.678		
4,220.80	3,902.24	3,771.51	3,770.57	30.49	1.27	-86.86	-1,140.26	-3,457.22	3,266.22	3,234.53	31.70	103.051		
4,300.00	3,973.14	3,832.10	3,831.13	31.20	1.28	-87.32	-1,140.65	-3,459.06	3,266.57	3,234.14	32.43	100.740		
4,400.00	4,062.67	3,924.02	3,923.01	32.10	1.30	-88.02	-1,141.35	-3,461.85	3,267.61	3,234.26	33.35	97.974		
4,500.00	4,152.20	4,024.29	4,023.23	32.99	1.31	-88.77	-1,141.96	-3,464.77	3,269.03	3,234.75	34.28	95.366		
4,600.00	4,241.73	4,127.05	4,125.96	33.89	1.33	-89.55	-1,142.38	-3,467.46	3,270.73	3,235.52	35.20	92.910		
4,700.00	4,331.26	4,230.71	4,229.59	34.79	1.35	-90.34	-1,142.53	-3,469.80	3,272.57	3,236.45	36.12	90.590		
4,800.00	4,420.78	4,327.35	4,326.20	35.69	1.37	-91.07	-1,142.42	-3,471.90	3,274.78	3,237.74	37.04	88.413		
4,900.00	4,510.31	4,428.66	4,427.49	36.58	1.38	-91.83	-1,141.95	-3,474.02	3,277.26	3,239.31	37.95	86.356		
5,000.00	4,599.84	4,526.97	4,525.77	37.48	1.40	-92.56	-1,141.06	-3,476.19	3,280.09	3,241.24	38.86	84.419		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,636.03	4,634.78	38.38	1.42	-93.35	-1,139.26	-3,478.85	3,283.10	3,243.35	39.76	82.578		
5,200.00	4,778.90	4,754.26	4,752.89	39.28	1.44	-94.18	-1,135.36	-3,482.68	3,286.00	3,245.34	40.66	80.823		
5,300.00	4,868.42	4,873.42	4,871.86	40.18	1.46	-95.00	-1,129.93	-3,486.73	3,288.58	3,247.03	41.55	79.148		
5,400.00	4,957.95	4,966.35	4,964.68	41.07	1.47	-95.66	-1,126.12	-3,488.66	3,291.19	3,248.76	42.43	77.569		
5,500.00	5,047.48	5,053.51	5,051.80	41.97	1.48	-96.29	-1,123.42	-3,489.58	3,294.42	3,251.12	43.30	76.084		
5,600.00	5,137.01	5,136.62	5,134.88	42.87	1.50	-96.90	-1,121.16	-3,490.21	3,298.30	3,254.14	44.16	74.685		
5,700.00	5,226.54	5,214.79	5,213.03	43.77	1.51	-97.48	-1,119.55	-3,490.60	3,303.04	3,258.02	45.02	73.375		
5,800.00	5,316.07	5,298.27	5,296.49	44.67	1.52	-98.11	-1,118.20	-3,490.91	3,308.58	3,262.72	45.86	72.141		
5,900.00	5,405.59	5,383.21	5,381.43	45.57	1.53	-98.74	-1,117.09	-3,491.12	3,314.84	3,268.14	46.70	70.978		
6,000.00	5,495.12	5,471.86	5,470.07	46.47	1.55	-99.41	-1,116.13	-3,491.22	3,321.76	3,274.22	47.53	69.881		
6,100.00	5,584.65	5,561.72	5,559.92	47.37	1.56	-100.08	-1,115.35	-3,491.05	3,329.25	3,280.89	48.36	68.849		
6,200.00	5,674.18	5,658.82	5,657.02	48.27	1.57	-100.83	-1,114.90	-3,490.18	3,337.25	3,288.08	49.17	67.870		
6,300.00	5,763.71	5,756.53	5,754.73	49.16	1.58	-101.57	-1,114.23	-3,489.07	3,345.55	3,295.57	49.98	66.937		
6,400.00	5,853.23	5,852.18	5,850.36	50.06	1.59	-102.29	-1,113.37	-3,487.98	3,354.27	3,303.49	50.78	66.053		
6,500.00	5,942.76	5,948.94	5,947.11	50.96	1.60	-103.02	-1,112.30	-3,486.84	3,363.37	3,311.80	51.57	65.214		
6,600.00	6,032.29	6,045.30	6,043.46	51.86	1.61	-103.74	-1,111.03	-3,485.62	3,372.85	3,320.49	52.36	64.419		
6,700.00	6,121.82	6,146.96	6,145.10	52.76	1.63	-104.49	-1,109.49	-3,484.21	3,382.68	3,329.55	53.14	63.661		
6,800.00	6,211.35	6,261.48	6,259.58	53.66	1.65	-105.34	-1,107.22	-3,482.27	3,392.57	3,338.66	53.91	62.930		
6,900.00	6,300.88	6,365.76	6,363.80	54.56	1.66	-106.11	-1,104.62	-3,480.00	3,402.39	3,347.72	54.67	62.234		
7,000.00	6,390.40	6,430.90	6,428.91	55.46	1.68	-106.59	-1,102.95	-3,478.65	3,412.80	3,357.40	55.40	61.599		
7,100.00	6,479.90	6,478.71	6,476.70	56.36	1.68	-105.12	-1,102.10	-3,478.18	3,424.71	3,368.60	56.12	61.028		
7,200.00	6,565.62	6,527.60	6,525.58	57.41	1.69	-93.88	-1,101.60	-3,478.25	3,432.73	3,375.77	56.96	60.268		
7,300.00	6,643.25	6,574.69	6,572.67	58.67	1.69	-87.70	-1,101.37	-3,478.84	3,433.32	3,375.31	58.01	59.186		
7,400.00	6,710.45	6,621.14	6,619.11	60.11	1.70	-84.70	-1,101.35	-3,479.90	3,426.79	3,367.54	59.25	57.832		
7,500.00	6,765.16	6,666.51	6,664.46	61.71	1.71	-83.87	-1,101.39	-3,481.29	3,413.57	3,352.91	60.66	56.272		
7,600.00	6,805.74	6,700.00	6,697.93	63.40	1.71	-84.49	-1,101.44	-3,482.54	3,394.41	3,332.24	62.17	54.595		
7,700.00	6,830.93	6,718.31	6,716.22	65.14	1.71	-86.15	-1,101.49	-3,483.31	3,370.28	3,306.55	63.73	52.885		
7,800.00	6,839.98	6,726.37	6,724.27	66.86	1.72	-88.70	-1,101.53	-3,483.68	3,342.09	3,276.82	65.27	51.207		
7,900.00	6,840.00	6,729.23	6,727.13	68.58	1.72	-88.91	-1,101.54	-3,483.82	3,313.24	3,246.46	66.78	49.612		
8,000.00	6,840.00	6,732.18	6,730.07	70.35	1.72	-88.96	-1,101.56	-3,483.96	3,287.17	3,218.86	68.32	48.117		
8,100.00	6,840.00	6,735.22	6,733.11	72.18	1.72	-89.01	-1,101.57	-3,484.11	3,263.96	3,194.10	69.86	46.721		
8,200.00	6,840.00	6,738.37	6,736.26	74.06	1.72	-89.07	-1,101.59	-3,484.26	3,243.66	3,172.25	71.41	45.425		
8,300.00	6,840.00	6,741.63	6,739.51	75.98	1.72	-89.13	-1,101.61	-3,484.43	3,226.32	3,153.37	72.95	44.228		
8,400.00	6,840.00	6,745.01	6,742.88	77.96	1.72	-89.19	-1,101.64	-3,484.60	3,212.00	3,137.53	74.48	43.127		
8,500.00	6,840.00	6,748.50	6,746.37	79.97	1.72	-89.25	-1,101.66	-3,484.79	3,200.74	3,124.75	75.99	42.121		
8,600.00	6,840.00	6,752.12	6,749.99	82.03	1.72	-89.32	-1,101.69	-3,484.98	3,192.57	3,115.10	77.47	41.209		
8,700.00	6,840.00	6,755.88	6,753.75	84.12	1.72	-89.38	-1,101.72	-3,485.18	3,187.51	3,108.58	78.93	40.386		
8,800.00	6,840.00	6,759.78	6,757.64	86.25	1.72	-89.45	-1,101.76	-3,485.40	3,185.57	3,105.23	80.34	39.652		
8,811.84	6,840.00	6,760.26	6,758.11	86.50	1.72	-89.46	-1,101.76	-3,485.43	3,185.55	3,105.04	80.50	39.571	CC, ES	
8,900.00	6,840.00	6,763.84	6,761.69	88.41	1.72	-89.53	-1,101.80	-3,485.63	3,186.76	3,105.06	81.71	39.003		
9,000.00	6,840.00	6,768.05	6,765.89	90.60	1.72	-89.60	-1,101.84	-3,485.87	3,191.09	3,108.07	83.02	38.437		
9,100.00	6,840.00	6,772.43	6,770.27	92.82	1.72	-89.68	-1,101.88	-3,486.13	3,198.52	3,114.24	84.28	37.949		
9,200.00	6,840.00	6,777.00	6,774.82	95.07	1.72	-89.76	-1,101.93	-3,486.40	3,209.05	3,123.57	85.49	37.538		
9,300.00	6,840.00	6,781.75	6,779.57	97.34	1.72	-89.85	-1,101.99	-3,486.69	3,222.64	3,136.02	86.63	37.201		
9,400.00	6,840.00	6,786.71	6,784.52	99.64	1.72	-89.94	-1,102.05	-3,487.00	3,239.26	3,151.55	87.70	36.934		
9,500.00	6,840.00	6,791.89	6,789.68	101.95	1.73	-90.03	-1,102.11	-3,487.34	3,258.84	3,170.13	88.71	36.735		
9,600.00	6,840.00	6,797.29	6,795.08	104.29	1.73	-90.13	-1,102.19	-3,487.69	3,281.35	3,191.70	89.65	36.600		
9,700.00	6,840.00	6,905.80	6,903.21	106.64	1.75	-92.07	-1,102.39	-3,496.61	3,306.58	3,215.71	90.87	36.388		
9,800.00	6,840.00	6,915.58	6,912.95	109.02	1.75	-92.25	-1,102.29	-3,497.55	3,334.48	3,242.79	91.70	36.364	SF	
9,900.00	6,840.00	6,925.26	6,922.57	111.41	1.75	-92.42	-1,102.19	-3,498.48	3,365.10	3,272.64	92.46	36.396		
10,000.00	6,840.00	6,934.82	6,932.09	113.81	1.75	-92.59	-1,102.09	-3,499.39	3,398.36	3,305.21	93.15	36.483		
10,100.00	6,840.00	6,944.28	6,941.51	116.23	1.76	-92.76	-1,101.99	-3,500.29	3,434.18	3,340.40	93.78	36.621		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,200.00	6,840.00	6,953.63	6,950.81	118.67	1.76	-92.93	-1,101.89	-3,501.17	3,472.49	3,378.15	94.34	36.809		
10,300.00	6,840.00	6,962.87	6,960.02	121.11	1.76	-93.09	-1,101.79	-3,502.03	3,513.20	3,418.36	94.84	37.043		
10,400.00	6,840.00	6,972.01	6,969.12	123.57	1.76	-93.25	-1,101.69	-3,502.88	3,556.23	3,460.95	95.28	37.323		
10,500.00	6,840.00	6,981.06	6,978.12	126.04	1.76	-93.42	-1,101.59	-3,503.72	3,601.51	3,505.84	95.67	37.645		
10,600.00	6,840.00	6,990.00	6,987.03	128.52	1.77	-93.58	-1,101.49	-3,504.54	3,648.94	3,552.93	96.00	38.008		
10,700.00	6,840.00	6,998.85	6,995.84	131.01	1.77	-93.73	-1,101.38	-3,505.36	3,698.44	3,602.15	96.29	38.410		
10,800.00	6,840.00	7,008.34	7,005.29	133.51	1.77	-93.90	-1,101.27	-3,506.22	3,749.94	3,653.41	96.53	38.849		
10,900.00	6,840.00	7,018.05	7,014.95	136.02	1.77	-94.08	-1,101.16	-3,507.12	3,803.34	3,706.62	96.72	39.322		
11,000.00	6,840.00	7,027.86	7,024.73	138.53	1.77	-94.25	-1,101.05	-3,508.02	3,858.58	3,761.69	96.88	39.828		
11,100.00	6,840.00	7,037.79	7,034.62	141.06	1.77	-94.43	-1,100.94	-3,508.95	3,915.56	3,818.56	97.00	40.365		
11,200.00	6,840.00	7,047.84	7,044.62	143.59	1.78	-94.61	-1,100.83	-3,509.89	3,974.22	3,877.13	97.09	40.933		
11,300.00	6,840.00	7,057.40	7,054.13	146.13	1.78	-94.78	-1,100.72	-3,510.79	4,034.49	3,937.34	97.15	41.530		
11,400.00	6,840.00	7,066.81	7,063.50	148.68	1.78	-94.94	-1,100.62	-3,511.67	4,096.29	3,999.11	97.17	42.154		
11,500.00	6,840.00	7,076.21	7,072.86	151.23	1.78	-95.11	-1,100.52	-3,512.56	4,159.55	4,062.38	97.17	42.805		
11,600.00	6,840.00	7,085.62	7,082.22	153.79	1.79	-95.28	-1,100.42	-3,513.44	4,224.22	4,127.06	97.15	43.480		
11,700.00	6,840.00	7,095.02	7,091.59	156.35	1.79	-95.45	-1,100.31	-3,514.32	4,290.21	4,193.11	97.11	44.180		
11,800.00	6,840.00	7,104.43	7,100.95	158.92	1.79	-95.61	-1,100.21	-3,515.21	4,357.49	4,260.44	97.05	44.902		
11,900.00	6,840.00	7,113.83	7,110.31	161.49	1.80	-95.78	-1,100.11	-3,516.09	4,425.98	4,329.01	96.96	45.645		
12,000.00	6,840.00	7,123.24	7,119.67	164.07	1.80	-95.95	-1,100.01	-3,516.98	4,495.63	4,398.76	96.87	46.410		
12,100.00	6,840.00	7,132.64	7,129.04	166.66	1.80	-96.11	-1,099.90	-3,517.86	4,566.39	4,469.63	96.76	47.193		
12,200.00	6,840.00	7,142.05	7,138.40	169.25	1.81	-96.28	-1,099.80	-3,518.74	4,638.21	4,541.57	96.64	47.996		
12,300.00	6,840.00	7,151.45	7,147.76	171.84	1.81	-96.45	-1,099.70	-3,519.63	4,711.04	4,614.53	96.50	48.817		
12,400.00	6,840.00	7,160.85	7,157.13	174.44	1.81	-96.61	-1,099.60	-3,520.51	4,784.83	4,688.46	96.36	49.654		
12,500.00	6,840.00	7,170.26	7,166.49	177.04	1.82	-96.78	-1,099.50	-3,521.40	4,859.54	4,763.32	96.21	50.508		
12,600.00	6,840.00	7,179.66	7,175.85	179.64	1.82	-96.95	-1,099.39	-3,522.28	4,935.12	4,839.07	96.06	51.378		
12,700.00	6,840.00	7,189.07	7,185.21	182.25	1.82	-97.11	-1,099.29	-3,523.16	5,011.55	4,915.65	95.89	52.262		
12,800.00	6,840.00	7,198.47	7,194.58	184.86	1.83	-97.28	-1,099.19	-3,524.05	5,088.77	4,993.05	95.73	53.160		
12,900.00	6,840.00	7,207.88	7,203.94	187.47	1.83	-97.45	-1,099.09	-3,524.93	5,166.76	5,071.21	95.55	54.072		
13,000.00	6,840.00	7,217.28	7,213.30	190.09	1.83	-97.61	-1,098.98	-3,525.82	5,245.48	5,150.10	95.38	54.996		
13,100.00	6,840.00	7,226.69	7,222.66	192.71	1.84	-97.78	-1,098.88	-3,526.70	5,324.90	5,229.70	95.20	55.933		
13,200.00	6,840.00	7,236.09	7,232.03	195.34	1.84	-97.94	-1,098.78	-3,527.59	5,404.98	5,309.96	95.02	56.882		
13,300.00	6,840.00	7,245.50	7,241.39	197.96	1.84	-98.11	-1,098.68	-3,528.47	5,485.70	5,390.86	94.84	57.842		
13,400.00	6,840.00	7,254.90	7,250.75	200.59	1.85	-98.27	-1,098.58	-3,529.35	5,567.03	5,472.37	94.66	58.812		
13,500.00	6,840.00	7,264.31	7,260.12	203.22	1.85	-98.44	-1,098.47	-3,530.24	5,648.95	5,554.47	94.48	59.793		
13,600.00	6,840.00	7,273.71	7,269.48	205.85	1.85	-98.60	-1,098.37	-3,531.12	5,731.42	5,637.13	94.29	60.783		
13,700.00	6,840.00	7,283.12	7,278.84	208.49	1.86	-98.77	-1,098.27	-3,532.01	5,814.43	5,720.32	94.11	61.782		
13,800.00	6,840.00	7,264.00	7,259.81	211.13	1.85	-98.43	-1,098.48	-3,530.21	5,898.02	5,804.19	93.82	62.862		
13,900.00	6,840.00	7,264.00	7,259.81	213.77	1.85	-98.43	-1,098.48	-3,530.21	5,982.08	5,888.47	93.61	63.904		
14,000.00	6,840.00	7,264.00	7,259.81	216.41	1.85	-98.43	-1,098.48	-3,530.21	6,066.63	5,973.23	93.40	64.955		
14,100.00	6,840.00	7,264.00	7,259.81	219.06	1.85	-98.43	-1,098.48	-3,530.21	6,151.64	6,058.45	93.19	66.015		
14,200.00	6,840.00	7,264.00	7,259.81	221.70	1.85	-98.43	-1,098.48	-3,530.21	6,237.09	6,144.12	92.98	67.083		
14,300.00	6,840.00	7,264.00	7,259.81	224.35	1.85	-98.43	-1,098.48	-3,530.21	6,322.97	6,230.21	92.77	68.159		
14,400.00	6,840.00	7,264.00	7,259.81	227.00	1.85	-98.43	-1,098.48	-3,530.21	6,409.26	6,316.70	92.56	69.242		
14,500.00	6,840.00	7,264.00	7,259.81	229.65	1.85	-98.43	-1,098.48	-3,530.21	6,495.95	6,403.59	92.36	70.333		
14,600.00	6,840.00	7,264.00	7,259.81	232.30	1.85	-98.43	-1,098.48	-3,530.21	6,583.01	6,490.85	92.16	71.430		
14,700.00	6,840.00	7,264.00	7,259.81	234.96	1.85	-98.43	-1,098.48	-3,530.21	6,670.43	6,578.47	91.96	72.535		
14,800.00	6,840.00	7,264.00	7,259.81	237.61	1.85	-98.43	-1,098.48	-3,530.21	6,758.21	6,666.44	91.77	73.645		
14,900.00	6,840.00	7,264.00	7,259.81	240.27	1.85	-98.43	-1,098.48	-3,530.21	6,846.32	6,754.74	91.58	74.762		
15,000.00	6,840.00	7,264.00	7,259.81	242.93	1.85	-98.43	-1,098.48	-3,530.21	6,934.75	6,843.36	91.39	75.884		
15,100.00	6,840.00	7,264.00	7,259.81	245.59	1.85	-98.43	-1,098.48	-3,530.21	7,023.49	6,932.29	91.20	77.012		
15,200.00	6,840.00	7,264.00	7,259.81	248.25	1.85	-98.43	-1,098.48	-3,530.21	7,112.53	7,021.51	91.02	78.145		
15,300.00	6,840.00	7,264.00	7,259.81	250.92	1.85	-98.43	-1,098.48	-3,530.21	7,201.86	7,111.02	90.84	79.284		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,400.00	6,840.00	7,264.00	7,259.81	253.58	1.85	-98.43	-1,098.48	-3,530.21	7,291.46	7,200.80	90.66	80.427		
15,500.00	6,840.00	7,264.00	7,259.81	256.25	1.85	-98.43	-1,098.48	-3,530.21	7,381.33	7,290.85	90.49	81.575		
15,600.00	6,840.00	7,264.00	7,259.81	258.91	1.85	-98.43	-1,098.48	-3,530.21	7,471.46	7,381.15	90.31	82.727		
15,700.00	6,840.00	7,264.00	7,259.81	261.58	1.85	-98.43	-1,098.48	-3,530.21	7,561.84	7,471.69	90.15	83.884		
15,800.00	6,840.00	7,264.00	7,259.81	264.25	1.85	-98.43	-1,098.48	-3,530.21	7,652.46	7,562.48	89.98	85.045		
15,900.00	6,840.00	7,264.00	7,259.81	266.92	1.85	-98.43	-1,098.48	-3,530.21	7,743.31	7,653.49	89.82	86.209		
16,000.00	6,840.00	7,264.00	7,259.81	269.59	1.85	-98.43	-1,098.48	-3,530.21	7,834.38	7,744.72	89.66	87.378		
16,100.00	6,840.00	7,264.00	7,259.81	272.26	1.85	-98.43	-1,098.48	-3,530.21	7,925.66	7,836.16	89.51	88.549		
16,200.00	6,840.00	7,264.00	7,259.81	274.94	1.85	-98.43	-1,098.48	-3,530.21	8,017.16	7,927.80	89.35	89.724		
16,300.00	6,840.00	7,264.00	7,259.81	277.61	1.85	-98.43	-1,098.48	-3,530.21	8,108.85	8,019.65	89.20	90.903		
16,400.00	6,840.00	7,264.00	7,259.81	280.28	1.85	-98.43	-1,098.48	-3,530.21	8,200.74	8,111.68	89.06	92.084		
16,500.00	6,840.00	7,264.00	7,259.81	282.96	1.85	-98.43	-1,098.48	-3,530.21	8,292.82	8,203.90	88.91	93.268		
16,600.00	6,840.00	7,264.00	7,259.81	285.64	1.85	-98.43	-1,098.48	-3,530.21	8,385.08	8,296.30	88.77	94.456		
16,700.00	6,840.00	7,264.00	7,259.81	288.31	1.85	-98.43	-1,098.48	-3,530.21	8,477.51	8,388.87	88.64	95.645		
16,800.00	6,840.00	7,264.00	7,259.81	290.99	1.85	-98.43	-1,098.48	-3,530.21	8,570.11	8,481.61	88.50	96.837		
16,900.00	6,840.00	7,264.00	7,259.81	293.67	1.85	-98.43	-1,098.48	-3,530.21	8,662.88	8,574.51	88.37	98.032		
17,000.00	6,840.00	7,264.00	7,259.81	296.35	1.85	-98.43	-1,098.48	-3,530.21	8,755.81	8,667.57	88.24	99.228		
17,100.00	6,840.00	7,264.00	7,259.81	299.03	1.85	-98.43	-1,098.48	-3,530.21	8,848.89	8,760.78	88.11	100.427		
17,200.00	6,840.00	7,264.00	7,259.81	301.71	1.85	-98.43	-1,098.48	-3,530.21	8,942.12	8,854.13	87.99	101.628		
17,300.00	6,840.00	7,264.00	7,259.81	304.39	1.85	-98.43	-1,098.48	-3,530.21	9,035.50	8,947.63	87.87	102.830		
17,400.00	6,840.00	7,264.00	7,259.81	307.08	1.85	-98.43	-1,098.48	-3,530.21	9,129.01	9,041.26	87.75	104.035		
17,500.00	6,840.00	7,264.00	7,259.81	309.76	1.85	-98.43	-1,098.48	-3,530.21	9,222.67	9,135.03	87.63	105.241		
17,600.00	6,840.00	7,264.00	7,259.81	312.44	1.85	-98.43	-1,098.48	-3,530.21	9,316.45	9,228.93	87.52	106.448		
17,700.00	6,840.00	7,264.00	7,259.81	315.13	1.85	-98.43	-1,098.48	-3,530.21	9,410.36	9,322.95	87.41	107.657		
17,800.00	6,840.00	7,264.00	7,259.81	317.81	1.85	-98.43	-1,098.48	-3,530.21	9,504.40	9,417.10	87.30	108.867		
17,900.00	6,840.00	7,264.00	7,259.81	320.50	1.85	-98.43	-1,098.48	-3,530.21	9,598.55	9,511.36	87.20	110.079		
18,000.00	6,840.00	7,264.00	7,259.81	323.19	1.85	-98.43	-1,098.48	-3,530.21	9,692.83	9,605.73	87.09	111.291		
18,100.00	6,840.00	7,264.00	7,259.81	325.87	1.85	-98.43	-1,098.48	-3,530.21	9,787.22	9,700.22	86.99	112.505		
18,200.00	6,840.00	7,264.00	7,259.81	328.56	1.85	-98.43	-1,098.48	-3,530.21	9,881.71	9,794.82	86.90	113.720		
18,300.00	6,840.00	7,264.00	7,259.81	331.25	1.85	-98.43	-1,098.48	-3,530.21	9,976.32	9,889.52	86.80	114.935		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-173.59	-1,718.06	-193.08	1,729.00					
100.00	100.00	86.26	86.26	0.13	0.09	-173.60	-1,717.94	-192.78	1,728.74	1,728.51	0.23	7,670.069		
200.00	200.00	196.57	196.56	0.49	0.23	-173.63	-1,717.33	-191.78	1,728.08	1,727.36	0.72	2,391.244		
300.00	300.00	296.50	296.48	0.85	0.30	-173.64	-1,716.41	-191.33	1,727.12	1,725.97	1.15	1,502.940		
334.49	334.49	327.59	327.58	0.97	0.32	-129.01	-1,716.13	-191.38	1,726.95	1,725.66	1.29	1,335.464 CC, ES		
400.00	399.98	385.94	385.92	1.21	0.36	-129.03	-1,715.79	-191.51	1,727.56	1,725.99	1.57	1,103.075		
500.00	499.84	492.13	492.11	1.57	0.41	-129.13	-1,715.32	-191.42	1,730.41	1,728.44	1.97	877.099		
600.00	599.45	584.06	584.04	1.94	0.43	-129.26	-1,714.85	-191.30	1,735.41	1,733.04	2.37	733.576		
700.00	698.70	674.77	674.75	2.32	0.46	-129.41	-1,714.78	-191.81	1,743.15	1,740.37	2.78	627.104		
800.00	797.47	782.30	782.28	2.73	0.48	-129.67	-1,714.85	-192.21	1,753.30	1,750.11	3.19	550.099		
900.00	895.62	890.18	890.16	3.16	0.52	-130.00	-1,714.24	-192.11	1,765.08	1,761.44	3.64	484.842		
1,000.00	993.06	975.55	975.52	3.63	0.54	-130.25	-1,713.76	-192.37	1,779.26	1,775.16	4.10	434.203		
1,100.00	1,089.64	1,073.74	1,073.72	4.14	0.57	-130.61	-1,713.67	-192.78	1,796.33	1,791.75	4.58	392.251		
1,200.00	1,185.27	1,174.61	1,174.58	4.70	0.61	-131.03	-1,713.27	-192.90	1,815.53	1,810.43	5.10	355.848		
1,300.00	1,279.82	1,264.35	1,264.32	5.30	0.65	-131.39	-1,712.87	-193.09	1,837.22	1,831.58	5.64	325.885		
1,400.00	1,373.17	1,357.75	1,357.72	5.96	0.67	-131.80	-1,712.70	-193.53	1,861.75	1,855.56	6.19	300.760		
1,500.00	1,465.21	1,449.78	1,449.75	6.67	0.69	-132.23	-1,712.42	-193.51	1,888.78	1,882.01	6.77	279.142		
1,600.00	1,555.84	1,541.00	1,540.97	7.44	0.71	-132.66	-1,712.26	-193.77	1,918.61	1,911.24	7.37	260.191		
1,700.00	1,645.41	1,636.99	1,636.96	8.26	0.75	-133.52	-1,711.84	-193.91	1,950.27	1,942.26	8.01	243.502		
1,800.00	1,734.94	1,731.23	1,731.20	9.09	0.79	-134.45	-1,711.16	-193.94	1,982.21	1,973.56	8.65	229.221		
1,900.00	1,824.47	1,821.60	1,821.56	9.94	0.82	-135.32	-1,710.36	-193.74	2,014.48	2,005.20	9.28	217.102		
2,000.00	1,913.99	1,907.27	1,907.23	10.80	0.85	-136.13	-1,709.71	-193.37	2,047.32	2,037.42	9.90	206.797		
2,100.00	2,003.52	2,002.00	2,001.95	11.66	0.89	-137.00	-1,708.95	-192.85	2,080.54	2,070.02	10.52	197.733		
2,200.00	2,093.05	2,090.30	2,090.25	12.53	0.92	-137.79	-1,708.15	-192.34	2,114.10	2,102.96	11.13	189.917		
2,300.00	2,182.58	2,201.90	2,201.84	13.40	0.96	-138.74	-1,706.69	-191.96	2,147.66	2,135.91	11.76	182.684		
2,400.00	2,272.11	2,288.95	2,288.87	14.28	1.00	-139.47	-1,705.13	-191.76	2,181.15	2,168.80	12.35	176.555		
2,500.00	2,361.63	2,373.59	2,373.50	15.16	1.03	-140.16	-1,703.74	-191.33	2,215.15	2,202.21	12.94	171.185		
2,600.00	2,451.16	2,472.61	2,472.51	16.04	1.06	-140.95	-1,702.08	-190.55	2,249.52	2,235.98	13.53	166.235		
2,700.00	2,540.69	2,586.45	2,586.31	16.92	1.11	-141.84	-1,699.24	-189.46	2,283.50	2,269.37	14.13	161.575		
2,800.00	2,630.22	2,659.52	2,659.34	17.81	1.13	-142.40	-1,697.18	-188.78	2,317.53	2,302.85	14.68	157.851		
2,900.00	2,719.75	2,738.44	2,738.24	18.70	1.16	-142.99	-1,695.63	-187.68	2,352.66	2,337.43	15.23	154.503		
3,000.00	2,809.28	2,830.74	2,830.52	19.58	1.19	-143.65	-1,693.82	-186.83	2,388.03	2,372.25	15.78	151.309		
3,100.00	2,898.80	2,913.37	2,913.13	20.47	1.22	-144.23	-1,692.37	-186.21	2,423.83	2,407.51	16.32	148.509		
3,200.00	2,988.33	2,995.18	2,994.93	21.36	1.25	-144.78	-1,691.20	-185.61	2,460.18	2,443.33	16.85	145.994		
3,300.00	3,077.86	3,068.52	3,068.26	22.26	1.27	-145.27	-1,690.48	-184.94	2,497.21	2,479.85	17.36	143.876		
3,400.00	3,167.39	3,146.20	3,145.93	23.15	1.29	-145.77	-1,690.16	-183.98	2,535.03	2,517.17	17.86	141.971		
3,500.00	3,256.92	3,221.51	3,221.25	24.04	1.30	-146.25	-1,690.15	-183.19	2,573.41	2,555.07	18.34	140.309		
3,600.00	3,346.44	3,284.28	3,284.01	24.93	1.31	-146.63	-1,690.73	-182.61	2,612.78	2,593.98	18.80	138.998		
3,700.00	3,435.97	3,382.44	3,382.15	25.83	1.31	-147.20	-1,692.19	-181.99	2,652.79	2,633.49	19.30	137.485		
3,800.00	3,525.50	3,508.90	3,508.60	26.72	1.30	-147.88	-1,693.16	-182.60	2,692.10	2,672.26	19.83	135.728		
3,900.00	3,615.03	3,624.36	3,624.04	27.62	1.32	-148.45	-1,693.18	-184.99	2,730.54	2,710.15	20.39	133.936		
4,000.00	3,704.56	3,738.10	3,737.73	28.51	1.34	-148.98	-1,692.17	-188.19	2,768.11	2,747.17	20.94	132.193		
4,100.00	3,794.09	3,824.91	3,824.50	29.41	1.36	-149.38	-1,691.09	-190.42	2,805.59	2,784.14	21.44	130.829		
4,200.00	3,883.61	3,901.55	3,901.12	30.30	1.38	-149.73	-1,690.40	-192.28	2,843.54	2,821.61	21.93	129.683		
4,300.00	3,973.14	3,987.36	3,986.91	31.20	1.40	-150.11	-1,689.86	-194.15	2,881.91	2,859.49	22.42	128.542		
4,400.00	4,062.67	4,083.57	4,083.09	32.10	1.42	-150.53	-1,689.17	-195.98	2,920.41	2,897.48	22.93	127.363		
4,500.00	4,152.20	4,168.05	4,167.56	32.99	1.44	-150.89	-1,688.50	-197.58	2,958.98	2,935.56	23.41	126.371		
4,600.00	4,241.73	4,261.14	4,260.63	33.89	1.46	-151.29	-1,687.85	-199.11	2,997.81	2,973.89	23.91	125.361		
4,700.00	4,331.26	4,350.31	4,349.79	34.79	1.48	-151.66	-1,686.97	-200.29	3,036.59	3,012.19	24.40	124.447		
4,800.00	4,420.78	4,437.52	4,436.99	35.69	1.50	-152.01	-1,686.38	-201.70	3,075.66	3,050.78	24.88	123.606		
4,900.00	4,510.31	4,534.28	4,533.73	36.58	1.53	-152.39	-1,685.68	-203.44	3,114.76	3,089.38	25.38	122.715		
5,000.00	4,599.84	4,631.40	4,630.84	37.48	1.55	-152.78	-1,684.40	-204.27	3,153.73	3,127.85	25.88	121.873		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,720.72	4,720.15	38.38	1.58	-153.13	-1,683.01	-204.76	3,192.71	3,166.35	26.36	121.136	
5,200.00	4,778.90	4,799.90	4,799.31	39.28	1.61	-153.43	-1,682.06	-205.42	3,232.00	3,205.18	26.81	120.538	
5,300.00	4,868.42	4,956.38	4,955.75	40.18	1.65	-153.99	-1,679.35	-208.30	3,270.61	3,243.18	27.44	119.211	
5,400.00	4,957.95	5,081.19	5,080.43	41.07	1.69	-154.40	-1,675.76	-212.55	3,307.81	3,279.82	28.00	118.152	
5,500.00	5,047.48	5,186.25	5,185.35	41.97	1.72	-154.73	-1,672.15	-216.42	3,344.55	3,316.03	28.51	117.293	
5,600.00	5,137.01	5,276.41	5,275.40	42.87	1.75	-155.01	-1,668.78	-219.51	3,381.18	3,352.18	29.00	116.599	
5,700.00	5,226.54	5,384.22	5,383.08	43.77	1.79	-155.35	-1,664.40	-222.69	3,417.79	3,388.28	29.52	115.792	
5,800.00	5,316.07	5,501.51	5,500.18	44.67	1.83	-155.74	-1,658.44	-225.27	3,453.86	3,423.81	30.05	114.943	
5,900.00	5,405.59	5,580.30	5,578.84	45.57	1.85	-156.00	-1,654.10	-226.54	3,489.84	3,459.35	30.50	114.439	
6,000.00	5,495.12	5,643.76	5,642.21	46.47	1.87	-156.21	-1,650.80	-227.22	3,526.39	3,495.49	30.91	114.102	
6,100.00	5,584.65	5,700.00	5,698.40	47.37	1.89	-156.39	-1,648.37	-227.67	3,563.87	3,532.57	31.30	113.873	
6,200.00	5,674.18	5,764.39	5,762.75	48.27	1.91	-156.60	-1,646.16	-228.09	3,602.21	3,570.51	31.70	113.623	
6,300.00	5,763.71	5,832.89	5,831.23	49.16	1.93	-156.81	-1,644.36	-228.49	3,641.31	3,609.19	32.12	113.377	
6,400.00	5,853.23	5,913.96	5,912.27	50.06	1.96	-157.06	-1,642.53	-228.80	3,680.87	3,648.31	32.56	113.060	
6,500.00	5,942.76	6,019.79	6,018.07	50.96	1.99	-157.38	-1,639.93	-229.23	3,720.32	3,687.27	33.05	112.554	
6,600.00	6,032.29	6,103.75	6,102.00	51.86	2.02	-157.63	-1,637.82	-229.58	3,759.80	3,726.30	33.50	112.238	
6,700.00	6,121.82	6,184.79	6,183.02	52.76	2.04	-157.86	-1,635.95	-229.90	3,799.54	3,765.60	33.94	111.963	
6,800.00	6,211.35	6,271.54	6,269.75	53.66	2.07	-158.11	-1,634.07	-230.11	3,839.51	3,805.12	34.38	111.665	
6,900.00	6,300.88	6,346.42	6,344.61	54.56	2.10	-158.32	-1,632.49	-230.09	3,879.70	3,844.90	34.80	111.480	
7,000.00	6,390.40	6,423.83	6,422.01	55.46	2.12	-158.53	-1,631.38	-230.23	3,920.41	3,885.19	35.23	111.292	
7,100.00	6,479.90	6,527.01	6,525.18	56.36	2.15	-158.62	-1,629.79	-230.58	3,961.08	3,925.37	35.72	110.901	
7,200.00	6,565.62	6,612.70	6,610.86	57.41	2.18	-141.38	-1,628.49	-231.10	4,004.89	3,968.67	36.22	110.566	
7,300.00	6,643.25	6,696.19	6,694.33	58.67	2.21	-130.02	-1,627.06	-231.38	4,053.10	4,016.30	36.81	110.121	
7,400.00	6,710.45	6,764.00	6,762.13	60.11	2.23	-120.62	-1,625.70	-231.32	4,104.67	4,067.25	37.42	109.677	
7,500.00	6,765.16	6,823.56	6,821.68	61.71	2.25	-112.36	-1,624.41	-231.10	4,158.54	4,120.45	38.09	109.183	
7,600.00	6,805.74	6,874.83	6,872.93	63.40	2.26	-104.90	-1,623.19	-230.96	4,213.45	4,174.67	38.78	108.652	
7,700.00	6,830.93	6,906.83	6,904.92	65.14	2.27	-98.02	-1,622.38	-230.91	4,268.22	4,228.77	39.45	108.188	
7,800.00	6,839.98	6,918.34	6,916.43	66.86	2.28	-91.80	-1,622.08	-230.90	4,321.58	4,281.49	40.08	107.822	
7,900.00	6,840.00	6,918.29	6,916.38	68.58	2.28	-91.50	-1,622.08	-230.90	4,374.36	4,333.67	40.69	107.501	
8,000.00	6,840.00	6,918.21	6,916.30	70.35	2.28	-91.49	-1,622.08	-230.90	4,428.77	4,387.45	41.33	107.168	
8,100.00	6,840.00	6,918.13	6,916.22	72.18	2.28	-91.49	-1,622.08	-230.90	4,484.75	4,442.78	41.98	106.838	
8,200.00	6,840.00	6,918.06	6,916.15	74.06	2.28	-91.49	-1,622.09	-230.90	4,542.25	4,499.61	42.64	106.523	
8,300.00	6,840.00	6,917.98	6,916.07	75.98	2.28	-91.49	-1,622.09	-230.90	4,601.20	4,557.88	43.31	106.230	
8,400.00	6,840.00	6,917.90	6,915.99	77.96	2.28	-91.49	-1,622.09	-230.90	4,661.54	4,617.55	43.99	105.966	
8,500.00	6,840.00	6,917.82	6,915.91	79.97	2.28	-91.49	-1,622.09	-230.90	4,723.24	4,678.57	44.67	105.735	
8,600.00	6,840.00	6,917.74	6,915.83	82.03	2.28	-91.49	-1,622.09	-230.90	4,786.23	4,740.88	45.35	105.542	
8,700.00	6,840.00	6,917.66	6,915.74	84.12	2.28	-91.49	-1,622.10	-230.90	4,850.46	4,804.43	46.02	105.389	
8,800.00	6,840.00	6,917.57	6,915.66	86.25	2.28	-91.48	-1,622.10	-230.90	4,915.89	4,869.19	46.69	105.277	
8,900.00	6,840.00	6,917.49	6,915.58	88.41	2.28	-91.48	-1,622.10	-230.90	4,982.46	4,935.10	47.36	105.208	
9,000.00	6,840.00	6,917.41	6,915.50	90.60	2.28	-91.48	-1,622.10	-230.90	5,050.14	5,002.13	48.01	105.182 SF	
9,100.00	6,840.00	6,917.32	6,915.41	92.82	2.28	-91.48	-1,622.10	-230.90	5,118.88	5,070.22	48.66	105.198	
9,200.00	6,840.00	6,917.24	6,915.33	95.07	2.28	-91.48	-1,622.11	-230.90	5,188.63	5,139.34	49.29	105.257	
9,300.00	6,840.00	6,917.15	6,915.24	97.34	2.28	-91.48	-1,622.11	-230.90	5,259.36	5,209.44	49.92	105.357	
9,400.00	6,840.00	6,917.07	6,915.16	99.64	2.28	-91.48	-1,622.11	-230.90	5,331.03	5,280.50	50.53	105.498	
9,500.00	6,840.00	6,916.98	6,915.07	101.95	2.28	-91.48	-1,622.11	-230.90	5,403.60	5,352.46	51.13	105.678	
9,600.00	6,840.00	6,916.89	6,914.98	104.29	2.28	-91.47	-1,622.12	-230.90	5,477.03	5,425.31	51.72	105.895	
9,700.00	6,840.00	6,916.80	6,914.89	106.64	2.28	-91.47	-1,622.12	-230.90	5,551.29	5,498.99	52.30	106.150	
9,800.00	6,840.00	6,916.72	6,914.81	109.02	2.28	-91.47	-1,622.12	-230.90	5,626.35	5,573.49	52.86	106.440	
9,900.00	6,840.00	6,916.63	6,914.72	111.41	2.28	-91.47	-1,622.12	-230.90	5,702.17	5,648.76	53.41	106.763	
10,000.00	6,840.00	6,916.54	6,914.63	113.81	2.28	-91.47	-1,622.13	-230.90	5,778.73	5,724.79	53.95	107.120	
10,100.00	6,840.00	6,916.44	6,914.53	116.23	2.28	-91.47	-1,622.13	-230.90	5,856.00	5,801.53	54.47	107.507	
10,200.00	6,840.00	6,916.35	6,914.44	118.67	2.28	-91.47	-1,622.13	-230.90	5,933.95	5,878.97	54.98	107.924	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,916.26	6,914.35	121.11	2.28	-91.46	-1,622.13	-230.90	6,012.55	5,957.07	55.48	108.369		
10,400.00	6,840.00	6,916.17	6,914.26	123.57	2.28	-91.46	-1,622.14	-230.90	6,091.78	6,035.81	55.97	108.842		
10,500.00	6,840.00	6,916.07	6,914.16	126.04	2.28	-91.46	-1,622.14	-230.90	6,171.61	6,115.16	56.44	109.341		
10,600.00	6,840.00	6,915.98	6,914.07	128.52	2.28	-91.46	-1,622.14	-230.90	6,252.02	6,195.11	56.91	109.864		
10,700.00	6,840.00	6,915.88	6,913.97	131.01	2.28	-91.46	-1,622.14	-230.90	6,332.98	6,275.63	57.36	110.411		
10,800.00	6,840.00	6,915.78	6,913.87	133.51	2.28	-91.46	-1,622.15	-230.90	6,414.49	6,356.69	57.80	110.981		
10,900.00	6,840.00	6,915.69	6,913.78	136.02	2.28	-91.46	-1,622.15	-230.90	6,496.51	6,438.28	58.23	111.572		
11,000.00	6,840.00	6,915.59	6,913.68	138.53	2.28	-91.45	-1,622.15	-230.90	6,579.03	6,520.39	58.65	112.183		
11,100.00	6,840.00	6,915.49	6,913.58	141.06	2.28	-91.45	-1,622.15	-230.90	6,662.03	6,602.98	59.05	112.814		
11,200.00	6,840.00	6,915.39	6,913.48	143.59	2.28	-91.45	-1,622.16	-230.90	6,745.49	6,686.04	59.45	113.463		
11,300.00	6,840.00	6,915.29	6,913.38	146.13	2.28	-91.45	-1,622.16	-230.90	6,829.39	6,769.55	59.84	114.131		
11,400.00	6,840.00	6,915.18	6,913.28	148.68	2.28	-91.45	-1,622.16	-230.90	6,913.72	6,853.51	60.22	114.815		
11,500.00	6,840.00	6,915.08	6,913.17	151.23	2.28	-91.45	-1,622.16	-230.90	6,998.47	6,937.88	60.58	115.515		
11,600.00	6,840.00	6,914.98	6,913.07	153.79	2.28	-91.44	-1,622.17	-230.90	7,083.61	7,022.67	60.94	116.231		
11,700.00	6,840.00	6,914.87	6,912.96	156.35	2.28	-91.44	-1,622.17	-230.90	7,169.14	7,107.84	61.30	116.961		
11,800.00	6,840.00	6,914.77	6,912.86	158.92	2.28	-91.44	-1,622.17	-230.90	7,255.04	7,193.40	61.64	117.705		
11,900.00	6,840.00	6,914.66	6,912.75	161.49	2.28	-91.44	-1,622.18	-230.90	7,341.29	7,279.32	61.97	118.462		
12,000.00	6,840.00	6,914.55	6,912.64	164.07	2.28	-91.44	-1,622.18	-230.90	7,427.89	7,365.59	62.30	119.233		
12,100.00	6,840.00	6,914.44	6,912.54	166.66	2.28	-91.44	-1,622.18	-230.90	7,514.82	7,452.20	62.62	120.015		
12,200.00	6,840.00	6,914.34	6,912.43	169.25	2.28	-91.43	-1,622.18	-230.90	7,602.07	7,539.14	62.93	120.809		
12,300.00	6,840.00	6,914.22	6,912.32	171.84	2.28	-91.43	-1,622.19	-230.90	7,689.63	7,626.40	63.23	121.614		
12,400.00	6,840.00	6,914.11	6,912.20	174.44	2.28	-91.43	-1,622.19	-230.90	7,777.50	7,713.97	63.53	122.430		
12,500.00	6,840.00	6,914.00	6,912.09	177.04	2.28	-91.43	-1,622.19	-230.90	7,865.65	7,801.83	63.82	123.255		
12,600.00	6,840.00	6,913.89	6,911.98	179.64	2.28	-91.43	-1,622.20	-230.90	7,954.08	7,889.98	64.10	124.091		
12,700.00	6,840.00	6,913.77	6,911.86	182.25	2.28	-91.43	-1,622.20	-230.90	8,042.79	7,978.41	64.38	124.935		
12,800.00	6,840.00	6,913.66	6,911.75	184.86	2.28	-91.42	-1,622.20	-230.90	8,131.75	8,067.11	64.65	125.788		
12,900.00	6,840.00	6,913.54	6,911.63	187.47	2.28	-91.42	-1,622.20	-230.90	8,220.97	8,156.06	64.91	126.650		
13,000.00	6,840.00	6,913.42	6,911.51	190.09	2.28	-91.42	-1,622.21	-230.90	8,310.44	8,245.27	65.17	127.520		
13,100.00	6,840.00	6,913.30	6,911.39	192.71	2.28	-91.42	-1,622.21	-230.90	8,400.14	8,334.72	65.42	128.397		
13,200.00	6,840.00	6,913.18	6,911.27	195.34	2.28	-91.42	-1,622.21	-230.90	8,490.07	8,424.40	65.67	129.282		
13,300.00	6,840.00	6,913.06	6,911.15	197.96	2.28	-91.41	-1,622.22	-230.90	8,580.23	8,514.32	65.91	130.173		
13,400.00	6,840.00	6,912.94	6,911.03	200.59	2.28	-91.41	-1,622.22	-230.90	8,670.60	8,604.45	66.15	131.071		
13,500.00	6,840.00	6,912.81	6,910.90	203.22	2.28	-91.41	-1,622.22	-230.90	8,761.18	8,694.80	66.38	131.976		
13,600.00	6,840.00	6,912.69	6,910.78	205.85	2.28	-91.41	-1,622.23	-230.91	8,851.97	8,785.35	66.61	132.887		
13,700.00	6,840.00	6,912.56	6,910.65	208.49	2.28	-91.41	-1,622.23	-230.91	8,942.95	8,876.11	66.84	133.803		
13,800.00	6,840.00	6,912.43	6,910.53	211.13	2.28	-91.40	-1,622.23	-230.91	9,034.12	8,967.06	67.06	134.725		
13,900.00	6,840.00	6,912.31	6,910.40	213.77	2.28	-91.40	-1,622.24	-230.91	9,125.47	9,058.20	67.27	135.653		
14,000.00	6,840.00	6,912.18	6,910.27	216.41	2.27	-91.40	-1,622.24	-230.91	9,217.01	9,149.53	67.48	136.585		
14,100.00	6,840.00	6,912.04	6,910.14	219.06	2.27	-91.40	-1,622.24	-230.91	9,308.72	9,241.03	67.69	137.523		
14,200.00	6,840.00	6,911.91	6,910.00	221.70	2.27	-91.40	-1,622.25	-230.91	9,400.60	9,332.70	67.89	138.465		
14,300.00	6,840.00	6,911.78	6,909.87	224.35	2.27	-91.39	-1,622.25	-230.91	9,492.64	9,424.55	68.09	139.411		
14,400.00	6,840.00	6,911.64	6,909.73	227.00	2.27	-91.39	-1,622.25	-230.91	9,584.84	9,516.55	68.29	140.362		
14,500.00	6,840.00	6,911.50	6,909.60	229.65	2.27	-91.39	-1,622.26	-230.91	9,677.20	9,608.72	68.48	141.317		
14,600.00	6,840.00	6,911.37	6,909.46	232.30	2.27	-91.39	-1,622.26	-230.91	9,769.71	9,701.04	68.67	142.275		
14,700.00	6,840.00	6,911.23	6,909.32	234.96	2.27	-91.39	-1,622.27	-230.91	9,862.36	9,793.51	68.85	143.237		
14,800.00	6,840.00	6,911.08	6,909.18	237.61	2.27	-91.38	-1,622.27	-230.91	9,955.16	9,886.12	69.04	144.203		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-136.15	-1,055.01	-1,013.39	1,463.29					
100.00	100.00	68.48	68.48	0.13	0.12	-136.15	-1,054.94	-1,013.34	1,462.80	1,462.54	0.26	5,684.120		
200.00	200.00	168.94	168.94	0.49	0.43	-136.15	-1,054.64	-1,013.22	1,462.49	1,461.57	0.92	1,592.514		
300.00	300.00	267.53	267.53	0.85	0.78	-136.14	-1,054.29	-1,013.27	1,462.27	1,460.64	1.63	897.998		
400.00	399.98	367.27	367.27	1.21	1.13	-91.56	-1,053.93	-1,013.42	1,462.17	1,459.83	2.34	624.705		
451.85	451.78	419.00	419.00	1.40	1.32	-91.64	-1,053.71	-1,013.53	1,462.15	1,459.44	2.71	539.259 CC		
500.00	499.84	466.64	466.63	1.57	1.49	-91.75	-1,053.51	-1,013.65	1,462.17	1,459.12	3.05	478.731		
600.00	599.45	562.92	562.91	1.94	1.83	-92.05	-1,053.19	-1,013.93	1,462.42	1,458.66	3.76	388.627		
700.00	698.70	662.73	662.72	2.32	2.18	-92.51	-1,053.13	-1,014.23	1,463.07	1,458.57	4.50	325.205		
800.00	797.47	764.56	764.55	2.73	2.54	-93.10	-1,052.80	-1,014.51	1,463.79	1,458.52	5.27	277.844 ES		
900.00	895.62	859.31	859.30	3.16	2.88	-93.77	-1,052.51	-1,014.69	1,464.86	1,458.82	6.04	242.491		
1,000.00	993.06	955.15	955.15	3.63	3.22	-94.56	-1,052.46	-1,015.08	1,466.76	1,459.91	6.85	214.140		
1,100.00	1,089.64	1,054.06	1,054.05	4.14	3.57	-95.49	-1,052.30	-1,015.44	1,469.23	1,461.52	7.71	190.571		
1,200.00	1,185.27	1,151.51	1,151.50	4.70	3.92	-96.52	-1,051.98	-1,015.79	1,472.40	1,463.79	8.61	171.009		
1,300.00	1,279.82	1,246.04	1,246.03	5.30	4.25	-97.60	-1,051.55	-1,016.18	1,476.51	1,466.97	9.55	154.657		
1,400.00	1,373.17	1,337.60	1,337.59	5.96	4.58	-98.72	-1,051.07	-1,016.77	1,481.93	1,471.41	10.52	140.841		
1,500.00	1,465.21	1,429.47	1,429.46	6.67	4.91	-99.92	-1,050.61	-1,017.58	1,488.89	1,477.34	11.55	128.930		
1,600.00	1,555.84	1,523.25	1,523.23	7.44	5.25	-101.22	-1,049.95	-1,018.42	1,497.33	1,484.70	12.63	118.536		
1,700.00	1,645.41	1,613.50	1,613.47	8.26	5.57	-102.64	-1,049.25	-1,019.27	1,507.35	1,493.61	13.74	109.717		
1,800.00	1,734.94	1,707.89	1,707.85	9.09	5.91	-104.16	-1,048.37	-1,020.08	1,518.41	1,503.54	14.87	102.135		
1,900.00	1,824.47	1,797.84	1,797.80	9.94	6.23	-105.60	-1,047.49	-1,020.71	1,530.51	1,514.53	15.98	95.793		
2,000.00	1,913.99	1,886.48	1,886.43	10.80	6.55	-107.00	-1,046.71	-1,021.21	1,543.78	1,526.70	17.08	90.397		
2,100.00	2,003.52	1,977.21	1,977.15	11.66	6.87	-108.41	-1,046.00	-1,021.63	1,558.18	1,540.00	18.18	85.718		
2,200.00	2,093.05	2,075.64	2,075.58	12.53	7.22	-109.92	-1,045.00	-1,021.97	1,573.45	1,554.15	19.30	81.538		
2,300.00	2,182.58	2,168.01	2,167.94	13.40	7.55	-111.31	-1,043.70	-1,022.06	1,589.35	1,568.97	20.38	77.983		
2,400.00	2,272.11	2,261.32	2,261.23	14.28	7.89	-112.69	-1,042.24	-1,022.33	1,606.21	1,584.75	21.46	74.858		
2,500.00	2,361.63	2,348.89	2,348.79	15.16	8.20	-113.94	-1,040.60	-1,022.89	1,623.90	1,601.40	22.50	72.176		
2,600.00	2,451.16	2,437.51	2,437.39	16.04	8.52	-115.18	-1,039.13	-1,023.91	1,642.84	1,619.31	23.53	69.809		
2,700.00	2,540.69	2,535.93	2,535.79	16.92	8.87	-116.54	-1,037.31	-1,024.60	1,662.38	1,637.79	24.59	67.600		
2,800.00	2,630.22	2,631.70	2,631.54	17.81	9.21	-117.85	-1,035.31	-1,024.55	1,682.41	1,656.79	25.62	65.665		
2,900.00	2,719.75	2,722.77	2,722.59	18.70	9.53	-119.07	-1,033.21	-1,024.55	1,703.13	1,676.51	26.62	63.984		
3,000.00	2,809.28	2,810.04	2,809.84	19.58	9.85	-120.19	-1,031.20	-1,025.05	1,724.79	1,697.20	27.59	62.519		
3,100.00	2,898.80	2,907.14	2,906.91	20.47	10.19	-121.43	-1,028.91	-1,025.23	1,747.10	1,718.51	28.58	61.125		
3,200.00	2,988.33	2,997.64	2,997.38	21.36	10.51	-122.56	-1,026.60	-1,025.42	1,770.01	1,740.47	29.54	59.928		
3,300.00	3,077.86	3,119.50	3,119.16	22.26	10.95	-124.02	-1,022.37	-1,025.88	1,792.85	1,762.25	30.61	58.580		
3,400.00	3,167.39	3,203.13	3,202.72	23.15	11.25	-125.00	-1,019.07	-1,026.01	1,815.91	1,784.41	31.51	57.637		
3,500.00	3,256.92	3,277.47	3,277.02	24.04	11.51	-125.86	-1,016.50	-1,026.08	1,840.09	1,807.73	32.35	56.874		
3,600.00	3,346.44	3,355.35	3,354.88	24.93	11.79	-126.75	-1,014.44	-1,025.99	1,865.63	1,832.43	33.20	56.198		
3,700.00	3,435.97	3,432.63	3,432.14	25.83	12.06	-127.63	-1,012.92	-1,025.51	1,892.37	1,858.35	34.02	55.627		
3,800.00	3,525.50	3,507.81	3,507.31	26.72	12.33	-128.47	-1,012.03	-1,024.86	1,920.41	1,885.60	34.81	55.164		
3,900.00	3,615.03	3,586.29	3,585.78	27.62	12.60	-129.34	-1,011.62	-1,024.15	1,949.64	1,914.04	35.60	54.763		
4,000.00	3,704.56	3,666.91	3,666.40	28.51	12.87	-130.20	-1,011.60	-1,023.47	1,979.91	1,943.53	36.38	54.419		
4,100.00	3,794.09	3,750.19	3,749.68	29.41	13.14	-131.07	-1,011.90	-1,022.86	2,011.08	1,973.92	37.16	54.117		
4,200.00	3,883.61	3,835.48	3,834.96	30.30	13.42	-131.93	-1,012.39	-1,022.43	2,042.97	2,005.03	37.94	53.847		
4,300.00	3,973.14	3,920.98	3,920.47	31.20	13.71	-132.77	-1,013.04	-1,022.04	2,075.51	2,036.80	38.71	53.616		
4,400.00	4,062.67	4,006.64	4,006.12	32.10	13.99	-133.58	-1,013.86	-1,021.87	2,108.70	2,069.22	39.48	53.418		
4,500.00	4,152.20	4,105.60	4,105.07	32.99	14.32	-134.48	-1,014.65	-1,022.05	2,142.18	2,101.87	40.31	53.148		
4,600.00	4,241.73	4,194.17	4,193.64	33.89	14.62	-135.26	-1,015.19	-1,022.36	2,175.90	2,134.82	41.08	52.966		
4,700.00	4,331.26	4,302.95	4,302.42	34.79	15.00	-136.17	-1,015.47	-1,023.44	2,209.65	2,167.68	41.97	52.654		
4,800.00	4,420.78	4,379.39	4,378.84	35.69	15.26	-136.78	-1,015.60	-1,024.75	2,243.62	2,200.94	42.68	52.567		
4,900.00	4,510.31	4,464.78	4,464.22	36.58	15.56	-137.44	-1,016.11	-1,026.21	2,278.31	2,234.87	43.44	52.449		
5,000.00	4,599.84	4,573.48	4,572.91	37.48	15.94	-138.26	-1,016.51	-1,027.90	2,313.15	2,268.83	44.32	52.194		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,716.79	4,716.18	38.38	16.45	-139.31	-1,014.67	-1,030.00	2,346.82	2,301.44	45.38	51.717		
5,200.00	4,778.90	4,807.13	4,806.50	39.28	16.77	-139.97	-1,012.51	-1,030.75	2,379.83	2,333.68	46.15	51.567		
5,300.00	4,868.42	4,913.39	4,912.71	40.18	17.15	-140.74	-1,009.34	-1,030.82	2,412.71	2,365.72	46.99	51.344		
5,400.00	4,957.95	4,996.88	4,996.15	41.07	17.45	-141.36	-1,006.62	-1,029.93	2,445.78	2,398.08	47.70	51.272		
5,500.00	5,047.48	5,083.24	5,082.45	41.97	17.75	-141.99	-1,003.84	-1,028.43	2,479.31	2,430.90	48.42	51.206		
5,600.00	5,137.01	5,175.21	5,174.36	42.87	18.07	-142.65	-1,000.92	-1,026.71	2,513.21	2,464.05	49.16	51.127		
5,700.00	5,226.54	5,255.08	5,254.17	43.77	18.35	-143.22	-998.38	-1,025.00	2,547.46	2,497.63	49.83	51.126 SF		
5,800.00	5,316.07	5,332.72	5,331.76	44.67	18.63	-143.75	-996.37	-1,023.44	2,582.48	2,532.00	50.48	51.156		
5,900.00	5,405.59	5,411.24	5,410.23	45.57	18.90	-144.30	-994.48	-1,021.16	2,618.12	2,566.99	51.13	51.205		
6,000.00	5,495.12	5,476.39	5,475.33	46.47	19.13	-144.75	-993.30	-1,018.87	2,654.68	2,602.98	51.70	51.351		
6,100.00	5,584.65	5,543.32	5,542.21	47.37	19.36	-145.20	-992.67	-1,016.43	2,692.29	2,640.02	52.26	51.513		
6,200.00	5,674.18	5,612.74	5,611.59	48.27	19.60	-145.65	-992.63	-1,014.16	2,730.83	2,677.99	52.84	51.680		
6,300.00	5,763.71	5,689.26	5,688.09	49.16	19.86	-146.12	-993.13	-1,012.20	2,770.11	2,716.65	53.46	51.819		
6,400.00	5,853.23	5,778.04	5,776.85	50.06	20.16	-146.64	-994.17	-1,010.85	2,809.81	2,755.66	54.15	51.890		
6,500.00	5,942.76	5,904.64	5,903.45	50.96	20.58	-147.32	-995.25	-1,010.40	2,849.23	2,794.15	55.07	51.736		
6,600.00	6,032.29	5,969.66	5,968.46	51.86	20.80	-147.65	-995.70	-1,010.50	2,888.50	2,832.87	55.63	51.922		
6,700.00	6,121.82	6,070.85	6,069.65	52.76	21.15	-148.15	-996.85	-1,010.74	2,928.33	2,871.92	56.41	51.912		
6,800.00	6,211.35	6,172.53	6,171.33	53.66	21.49	-148.65	-997.13	-1,010.68	2,967.62	2,910.43	57.19	51.892		
6,900.00	6,300.88	6,255.23	6,254.03	54.56	21.78	-149.04	-997.41	-1,010.98	3,007.02	2,949.16	57.86	51.975		
7,000.00	6,390.40	6,336.77	6,335.56	55.46	22.06	-149.42	-997.99	-1,011.32	3,046.85	2,988.34	58.51	52.070		
7,100.00	6,479.90	6,423.46	6,422.25	56.36	22.35	-149.61	-998.76	-1,011.78	3,086.97	3,027.77	59.21	52.139		
7,200.00	6,565.62	6,508.01	6,506.80	57.41	22.64	-132.62	-999.55	-1,012.16	3,129.02	3,069.07	59.94	52.200		
7,300.00	6,643.25	6,590.06	6,588.83	58.67	22.92	-121.91	-1,000.23	-1,012.44	3,173.38	3,112.62	60.76	52.229		
7,400.00	6,710.45	6,657.81	6,656.58	60.11	23.16	-113.50	-1,000.74	-1,012.67	3,219.31	3,157.73	61.58	52.280		
7,500.00	6,765.16	6,712.25	6,711.02	61.71	23.34	-106.44	-1,001.15	-1,012.87	3,266.13	3,203.74	62.39	52.349		
7,600.00	6,805.74	6,751.52	6,750.30	63.40	23.48	-100.23	-1,001.44	-1,012.96	3,313.07	3,249.90	63.16	52.452		
7,700.00	6,830.93	6,775.78	6,774.55	65.14	23.56	-94.70	-1,001.61	-1,012.99	3,359.26	3,295.38	63.87	52.591		
7,800.00	6,839.98	6,784.45	6,783.22	66.86	23.59	-89.83	-1,001.68	-1,012.99	3,403.68	3,339.19	64.49	52.778		
7,900.00	6,840.00	6,784.48	6,783.25	68.58	23.59	-89.59	-1,001.68	-1,012.99	3,447.77	3,382.71	65.05	52.999		
8,000.00	6,840.00	6,784.49	6,783.26	70.35	23.59	-89.59	-1,001.68	-1,012.99	3,494.16	3,428.53	65.63	53.242		
8,100.00	6,840.00	6,784.50	6,783.27	72.18	23.59	-89.60	-1,001.68	-1,012.99	3,542.76	3,476.55	66.21	53.510		
8,200.00	6,840.00	6,784.51	6,783.28	74.06	23.59	-89.60	-1,001.68	-1,012.99	3,593.49	3,526.70	66.79	53.803		
8,300.00	6,840.00	6,784.52	6,783.29	75.98	23.59	-89.60	-1,001.68	-1,012.99	3,646.26	3,578.89	67.37	54.123		
8,400.00	6,840.00	6,784.52	6,783.30	77.96	23.59	-89.60	-1,001.68	-1,012.99	3,700.98	3,633.03	67.95	54.469		
8,500.00	6,840.00	6,784.53	6,783.30	79.97	23.59	-89.60	-1,001.68	-1,012.99	3,757.56	3,689.04	68.52	54.841		
8,600.00	6,840.00	6,784.54	6,783.31	82.03	23.59	-89.60	-1,001.68	-1,012.99	3,815.93	3,746.85	69.08	55.241		
8,700.00	6,840.00	6,784.55	6,783.32	84.12	23.59	-89.60	-1,001.68	-1,012.99	3,875.99	3,806.36	69.63	55.666		
8,800.00	6,840.00	6,784.56	6,783.33	86.25	23.59	-89.60	-1,001.68	-1,012.99	3,937.68	3,867.51	70.17	56.118		
8,900.00	6,840.00	6,784.56	6,783.34	88.41	23.59	-89.60	-1,001.68	-1,012.99	4,000.92	3,930.23	70.69	56.594		
9,000.00	6,840.00	6,784.57	6,783.34	90.60	23.59	-89.60	-1,001.68	-1,012.99	4,065.64	3,994.43	71.21	57.095		
9,100.00	6,840.00	6,784.58	6,783.35	92.82	23.59	-89.60	-1,001.68	-1,012.99	4,131.76	4,060.05	71.71	57.619		
9,200.00	6,840.00	6,784.59	6,783.36	95.07	23.59	-89.60	-1,001.68	-1,012.99	4,199.22	4,127.03	72.19	58.167		
9,300.00	6,840.00	6,784.59	6,783.37	97.34	23.59	-89.60	-1,001.68	-1,012.99	4,267.96	4,195.30	72.66	58.736		
9,400.00	6,840.00	6,784.60	6,783.37	99.64	23.59	-89.60	-1,001.68	-1,012.99	4,337.92	4,264.80	73.12	59.326		
9,500.00	6,840.00	6,784.61	6,783.38	101.95	23.59	-89.60	-1,001.68	-1,012.99	4,409.03	4,335.47	73.56	59.937		
9,600.00	6,840.00	6,784.62	6,783.39	104.29	23.59	-89.60	-1,001.68	-1,012.99	4,481.25	4,407.26	73.99	60.567		
9,700.00	6,840.00	6,784.62	6,783.40	106.64	23.59	-89.60	-1,001.68	-1,012.99	4,554.51	4,480.11	74.40	61.216		
9,800.00	6,840.00	6,784.63	6,783.40	109.02	23.59	-89.60	-1,001.68	-1,012.99	4,628.78	4,553.98	74.80	61.882		
9,900.00	6,840.00	6,784.64	6,783.41	111.41	23.59	-89.60	-1,001.68	-1,012.99	4,704.00	4,628.82	75.19	62.565		
10,000.00	6,840.00	6,784.65	6,783.42	113.81	23.59	-89.60	-1,001.68	-1,012.99	4,780.13	4,704.58	75.56	63.264		
10,100.00	6,840.00	6,784.65	6,783.42	116.23	23.59	-89.60	-1,001.68	-1,012.99	4,857.13	4,781.21	75.92	63.979		
10,200.00	6,840.00	6,784.66	6,783.43	118.67	23.59	-89.60	-1,001.68	-1,012.99	4,934.95	4,858.69	76.26	64.708		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,784.67	6,783.44	121.11	23.59	-89.60	-1,001.68	-1,012.99	5,013.56	4,936.96	76.60	65.452		
10,400.00	6,840.00	6,784.67	6,783.45	123.57	23.59	-89.60	-1,001.68	-1,012.99	5,092.92	5,015.99	76.92	66.208		
10,500.00	6,840.00	6,784.68	6,783.45	126.04	23.59	-89.60	-1,001.68	-1,012.99	5,172.99	5,095.75	77.24	66.977		
10,600.00	6,840.00	6,784.69	6,783.46	128.52	23.59	-89.60	-1,001.68	-1,012.99	5,253.75	5,176.21	77.54	67.758		
10,700.00	6,840.00	6,784.69	6,783.47	131.01	23.59	-89.60	-1,001.68	-1,012.99	5,335.15	5,257.33	77.83	68.551		
10,800.00	6,840.00	6,784.70	6,783.47	133.51	23.59	-89.60	-1,001.68	-1,012.99	5,417.19	5,339.08	78.11	69.354		
10,900.00	6,840.00	6,784.71	6,783.48	136.02	23.59	-89.60	-1,001.68	-1,012.99	5,499.81	5,421.43	78.38	70.168		
11,000.00	6,840.00	6,784.71	6,783.49	138.53	23.59	-89.60	-1,001.68	-1,012.99	5,583.01	5,504.36	78.64	70.991		
11,100.00	6,840.00	6,784.72	6,783.49	141.06	23.59	-89.60	-1,001.68	-1,012.99	5,666.74	5,587.85	78.90	71.824		
11,200.00	6,840.00	6,784.73	6,783.50	143.59	23.59	-89.60	-1,001.68	-1,012.99	5,751.00	5,671.86	79.14	72.665		
11,300.00	6,840.00	6,784.73	6,783.51	146.13	23.59	-89.60	-1,001.68	-1,012.99	5,835.76	5,756.37	79.38	73.515		
11,400.00	6,840.00	6,784.74	6,783.51	148.68	23.59	-89.60	-1,001.68	-1,012.99	5,920.99	5,841.37	79.61	74.373		
11,500.00	6,840.00	6,784.75	6,783.52	151.23	23.59	-89.60	-1,001.68	-1,012.99	6,006.67	5,926.84	79.83	75.239		
11,600.00	6,840.00	6,784.75	6,783.53	153.79	23.59	-89.60	-1,001.68	-1,012.99	6,092.79	6,012.74	80.05	76.112		
11,700.00	6,840.00	6,784.76	6,783.53	156.35	23.59	-89.60	-1,001.68	-1,012.99	6,179.33	6,099.07	80.26	76.991		
11,800.00	6,840.00	6,784.77	6,783.54	158.92	23.59	-89.60	-1,001.68	-1,012.99	6,266.27	6,185.81	80.46	77.878		
11,900.00	6,840.00	6,784.77	6,783.54	161.49	23.59	-89.60	-1,001.68	-1,012.99	6,353.60	6,272.94	80.66	78.770		
12,000.00	6,840.00	6,784.78	6,783.55	164.07	23.59	-89.60	-1,001.68	-1,012.99	6,441.29	6,360.44	80.85	79.668		
12,100.00	6,840.00	6,784.79	6,783.56	166.66	23.59	-89.60	-1,001.68	-1,012.99	6,529.34	6,448.30	81.04	80.572		
12,200.00	6,840.00	6,784.79	6,783.56	169.25	23.59	-89.60	-1,001.68	-1,012.99	6,617.73	6,536.51	81.22	81.481		
12,300.00	6,840.00	6,784.80	6,783.57	171.84	23.59	-89.60	-1,001.68	-1,012.99	6,706.44	6,625.05	81.39	82.396		
12,400.00	6,840.00	6,784.80	6,783.58	174.44	23.59	-89.60	-1,001.68	-1,012.99	6,795.46	6,713.90	81.56	83.315		
12,500.00	6,840.00	6,784.81	6,783.58	177.04	23.59	-89.60	-1,001.68	-1,012.99	6,884.79	6,803.06	81.73	84.239		
12,600.00	6,840.00	6,784.82	6,783.59	179.64	23.59	-89.60	-1,001.68	-1,012.99	6,974.41	6,892.52	81.89	85.167		
12,700.00	6,840.00	6,784.82	6,783.59	182.25	23.59	-89.60	-1,001.68	-1,012.99	7,064.31	6,982.26	82.05	86.099		
12,800.00	6,840.00	6,784.83	6,783.60	184.86	23.59	-89.60	-1,001.68	-1,012.99	7,154.47	7,072.27	82.20	87.035		
12,900.00	6,840.00	6,784.83	6,783.60	187.47	23.59	-89.60	-1,001.68	-1,012.99	7,244.89	7,162.54	82.35	87.974		
13,000.00	6,840.00	6,784.84	6,783.61	190.09	23.59	-89.60	-1,001.68	-1,012.99	7,335.56	7,253.07	82.50	88.918		
13,100.00	6,840.00	6,784.84	6,783.62	192.71	23.59	-89.60	-1,001.68	-1,012.99	7,426.48	7,343.83	82.64	89.864		
13,200.00	6,840.00	6,784.85	6,783.62	195.34	23.59	-89.60	-1,001.68	-1,012.99	7,517.62	7,434.84	82.78	90.814		
13,300.00	6,840.00	6,784.86	6,783.63	197.96	23.59	-89.60	-1,001.68	-1,012.99	7,608.98	7,526.06	82.92	91.767		
13,400.00	6,840.00	6,784.86	6,783.63	200.59	23.59	-89.60	-1,001.68	-1,012.99	7,700.56	7,617.51	83.05	92.722		
13,500.00	6,840.00	6,784.87	6,783.64	203.22	23.59	-89.60	-1,001.68	-1,012.99	7,792.35	7,709.17	83.18	93.680		
13,600.00	6,840.00	6,784.87	6,783.64	205.85	23.59	-89.60	-1,001.68	-1,012.99	7,884.33	7,801.02	83.31	94.641		
13,700.00	6,840.00	6,784.88	6,783.65	208.49	23.59	-89.60	-1,001.68	-1,012.99	7,976.51	7,893.08	83.43	95.604		
13,800.00	6,840.00	6,784.88	6,783.66	211.13	23.59	-89.60	-1,001.68	-1,012.99	8,068.87	7,985.32	83.56	96.570		
13,900.00	6,840.00	6,784.89	6,783.66	213.77	23.59	-89.60	-1,001.68	-1,012.99	8,161.42	8,077.74	83.68	97.537		
14,000.00	6,840.00	6,784.89	6,783.67	216.41	23.59	-89.60	-1,001.68	-1,012.99	8,254.14	8,170.34	83.79	98.507		
14,100.00	6,840.00	6,784.90	6,783.67	219.06	23.59	-89.60	-1,001.68	-1,012.99	8,347.02	8,263.12	83.91	99.478		
14,200.00	6,840.00	6,784.91	6,783.68	221.70	23.59	-89.60	-1,001.68	-1,012.99	8,440.07	8,356.05	84.02	100.451		
14,300.00	6,840.00	6,784.91	6,783.68	224.35	23.59	-89.60	-1,001.68	-1,012.99	8,533.28	8,449.15	84.13	101.426		
14,400.00	6,840.00	6,784.92	6,783.69	227.00	23.59	-89.60	-1,001.68	-1,012.99	8,626.64	8,542.40	84.24	102.402		
14,500.00	6,840.00	6,784.92	6,783.69	229.65	23.59	-89.60	-1,001.68	-1,012.99	8,720.14	8,635.79	84.35	103.380		
14,600.00	6,840.00	6,784.93	6,783.70	232.30	23.59	-89.60	-1,001.68	-1,012.99	8,813.79	8,729.34	84.46	104.359		
14,700.00	6,840.00	6,784.93	6,783.70	234.96	23.59	-89.60	-1,001.68	-1,012.99	8,907.58	8,823.02	84.56	105.340		
14,800.00	6,840.00	6,784.94	6,783.71	237.61	23.59	-89.60	-1,001.68	-1,012.99	9,001.50	8,916.84	84.66	106.321		
14,900.00	6,840.00	6,784.94	6,783.71	240.27	23.59	-89.60	-1,001.68	-1,012.99	9,095.55	9,010.79	84.76	107.304		
15,000.00	6,840.00	6,784.95	6,783.72	242.93	23.59	-89.60	-1,001.68	-1,012.99	9,189.73	9,104.86	84.86	108.288		
15,100.00	6,840.00	6,784.95	6,783.72	245.59	23.59	-89.60	-1,001.68	-1,012.99	9,284.02	9,199.06	84.96	109.272		
15,200.00	6,840.00	6,784.96	6,783.73	248.25	23.59	-89.60	-1,001.68	-1,012.99	9,378.44	9,293.38	85.06	110.258		
15,300.00	6,840.00	6,784.96	6,783.73	250.92	23.59	-89.60	-1,001.68	-1,012.99	9,472.97	9,387.81	85.15	111.244		
15,400.00	6,840.00	6,784.97	6,783.74	253.58	23.59	-89.60	-1,001.68	-1,012.99	9,567.61	9,482.36	85.25	112.231		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	6,784.97	6,783.74	256.25	23.59	-89.60	-1,001.68	-1,012.99	9,662.36	9,577.02	85.34	113.219	
15,600.00	6,840.00	6,784.98	6,783.75	258.91	23.59	-89.60	-1,001.68	-1,012.99	9,757.21	9,671.78	85.43	114.207	
15,700.00	6,840.00	6,784.98	6,783.75	261.58	23.59	-89.60	-1,001.68	-1,012.99	9,852.17	9,766.64	85.53	115.196	
15,800.00	6,840.00	6,784.99	6,783.76	264.25	23.59	-89.60	-1,001.68	-1,012.99	9,947.23	9,861.61	85.62	116.185	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-154.85	-399.29	-187.49	441.72					
100.00	100.00	74.19	74.19	0.13	0.08	-154.84	-399.49	-187.63	441.36	441.15	0.21	2,062.551	CC, ES	
200.00	200.00	173.63	173.63	0.49	0.20	-154.82	-400.13	-188.11	442.16	441.46	0.70	634.602		
300.00	300.00	274.44	274.43	0.85	0.30	-154.80	-400.68	-188.55	442.84	441.69	1.15	384.771		
400.00	399.98	374.13	374.13	1.21	0.37	-110.35	-401.20	-188.81	444.02	442.44	1.58	281.068		
500.00	499.84	474.19	474.18	1.57	0.44	-110.91	-401.71	-189.23	446.51	444.51	2.00	222.857		
600.00	599.45	574.16	574.14	1.94	0.49	-111.85	-402.13	-189.65	450.25	447.82	2.43	185.285		
700.00	698.70	675.14	675.13	2.32	0.52	-113.19	-402.41	-189.92	455.31	452.47	2.84	160.354		
800.00	797.47	772.92	772.91	2.73	0.54	-114.83	-402.59	-189.85	461.89	458.63	3.26	141.634		
900.00	895.62	872.40	872.39	3.16	0.55	-116.77	-402.83	-190.04	470.62	466.92	3.70	127.320		
1,000.00	993.06	969.41	969.40	3.63	0.56	-118.90	-402.81	-190.14	481.35	477.19	4.15	115.907		
1,100.00	1,089.64	1,065.11	1,065.10	4.14	0.60	-121.19	-403.00	-190.35	494.90	490.25	4.65	106.320		
1,200.00	1,185.27	1,161.10	1,161.09	4.70	0.64	-123.62	-403.25	-190.58	511.38	506.20	5.18	98.695		
1,300.00	1,279.82	1,255.25	1,255.23	5.30	0.67	-126.08	-403.39	-190.92	530.91	525.20	5.72	92.892		
1,400.00	1,373.17	1,348.23	1,348.22	5.96	0.71	-128.58	-403.74	-190.99	553.97	547.71	6.26	88.462		
1,500.00	1,465.21	1,442.10	1,442.09	6.67	0.74	-131.08	-403.95	-191.24	580.45	573.63	6.82	85.146		
1,600.00	1,555.84	1,534.11	1,534.09	7.44	0.76	-133.48	-403.77	-191.72	610.21	602.85	7.36	82.911		
1,700.00	1,645.41	1,622.51	1,622.49	8.26	0.76	-136.06	-403.72	-191.80	643.13	635.25	7.88	81.594		
1,800.00	1,734.94	1,713.37	1,713.35	9.09	0.76	-138.60	-403.61	-191.73	677.39	669.00	8.40	80.681		
1,900.00	1,824.47	1,805.08	1,805.06	9.94	0.77	-140.91	-403.33	-192.01	712.56	703.67	8.90	80.100		
2,000.00	1,913.99	1,894.47	1,894.45	10.80	0.80	-142.94	-402.97	-192.44	748.58	739.19	9.39	79.711		
2,100.00	2,003.52	1,985.85	1,985.82	11.66	0.82	-144.87	-402.47	-192.59	785.35	775.48	9.87	79.563	SF	
2,200.00	2,093.05	2,074.35	2,074.32	12.53	0.83	-146.60	-401.83	-192.30	822.79	812.45	10.34	79.596		
2,300.00	2,182.58	2,163.56	2,163.53	13.40	0.84	-148.22	-401.28	-191.81	861.01	850.22	10.80	79.745		
2,400.00	2,272.11	2,252.48	2,252.45	14.28	0.86	-149.70	-400.78	-191.50	899.82	888.57	11.25	79.982		
2,500.00	2,361.63	2,339.51	2,339.47	15.16	0.87	-151.04	-400.38	-191.00	939.28	927.59	11.69	80.342		
2,600.00	2,451.16	2,426.65	2,426.61	16.04	0.88	-152.26	-400.34	-190.62	979.48	967.35	12.13	80.767		
2,700.00	2,540.69	2,516.81	2,516.77	16.92	0.90	-153.45	-400.21	-189.99	1,020.07	1,007.50	12.57	81.170		
2,800.00	2,630.22	2,605.64	2,605.60	17.81	0.92	-154.52	-400.16	-189.52	1,061.02	1,048.02	13.00	81.616		
2,900.00	2,719.75	2,700.39	2,700.35	18.70	0.92	-155.57	-400.03	-189.40	1,102.07	1,088.63	13.43	82.031		
3,000.00	2,809.28	2,789.63	2,789.59	19.58	0.94	-156.48	-399.69	-189.32	1,143.17	1,129.31	13.86	82.450		
3,100.00	2,898.80	2,872.88	2,872.84	20.47	0.94	-157.29	-399.54	-189.08	1,184.74	1,170.48	14.27	83.036		
3,200.00	2,988.33	2,967.61	2,967.57	21.36	0.95	-158.13	-399.66	-188.90	1,226.75	1,212.06	14.70	83.480		
3,300.00	3,077.86	3,060.84	3,060.80	22.26	0.96	-158.89	-399.40	-189.28	1,268.37	1,253.25	15.13	83.839		
3,400.00	3,167.39	3,153.11	3,153.06	23.15	0.98	-159.56	-399.29	-190.15	1,310.08	1,294.51	15.57	84.143		
3,500.00	3,256.92	3,246.51	3,246.46	24.04	1.00	-160.22	-398.84	-190.95	1,351.66	1,335.65	16.01	84.400		
3,600.00	3,346.44	3,338.11	3,338.05	24.93	1.03	-160.81	-398.35	-192.02	1,393.21	1,376.75	16.46	84.659		
3,700.00	3,435.97	3,429.28	3,429.21	25.83	1.05	-161.36	-397.88	-193.25	1,434.82	1,417.92	16.90	84.908		
3,800.00	3,525.50	3,521.50	3,521.42	26.72	1.07	-161.89	-397.25	-194.45	1,476.40	1,459.06	17.34	85.128		
3,900.00	3,615.03	3,610.44	3,610.36	27.62	1.10	-162.38	-396.46	-195.39	1,518.03	1,500.25	17.78	85.396		
4,000.00	3,704.56	3,690.39	3,690.30	28.51	1.11	-162.81	-395.88	-195.81	1,560.12	1,541.94	18.18	85.831		
4,100.00	3,794.09	3,785.41	3,785.32	29.41	1.14	-163.31	-395.26	-196.00	1,602.49	1,583.86	18.63	86.026		
4,200.00	3,883.61	3,879.63	3,879.53	30.30	1.16	-163.77	-394.47	-196.59	1,644.62	1,625.54	19.08	86.206		
4,300.00	3,973.14	3,970.81	3,970.70	31.20	1.18	-164.18	-393.79	-197.59	1,686.67	1,667.15	19.52	86.403		
4,400.00	4,062.67	4,051.80	4,051.69	32.10	1.21	-164.52	-393.20	-198.27	1,728.93	1,709.00	19.93	86.758		
4,500.00	4,152.20	4,140.44	4,140.33	32.99	1.23	-164.90	-392.88	-198.50	1,771.80	1,751.44	20.36	87.018		
4,600.00	4,241.73	4,249.19	4,249.07	33.89	1.26	-165.34	-391.75	-199.11	1,814.07	1,793.20	20.87	86.932		
4,700.00	4,331.26	4,361.08	4,360.93	34.79	1.29	-165.77	-389.55	-200.24	1,855.48	1,834.09	21.38	86.766		
4,800.00	4,420.78	4,458.74	4,458.54	35.69	1.32	-166.15	-386.53	-201.25	1,896.04	1,874.19	21.85	86.776		
4,900.00	4,510.31	4,553.10	4,552.85	36.58	1.34	-166.50	-383.59	-202.30	1,936.63	1,914.33	22.30	86.829		
5,000.00	4,599.84	4,639.00	4,638.69	37.48	1.36	-166.83	-380.32	-202.66	1,977.09	1,954.36	22.72	87.005		
5,100.00	4,689.37	4,712.13	4,711.77	38.38	1.38	-167.12	-377.67	-202.15	2,018.27	1,995.17	23.09	87.391		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,786.17	4,785.77	39.28	1.39	-167.39	-375.61	-201.50	2,060.25	2,036.78	23.47	87.790		
5,300.00	4,868.42	4,869.94	4,869.53	40.18	1.41	-167.67	-374.16	-201.20	2,102.82	2,078.94	23.88	88.057		
5,400.00	4,957.95	4,964.59	4,964.17	41.07	1.44	-167.94	-373.19	-201.77	2,145.49	2,121.15	24.34	88.145		
5,500.00	5,047.48	5,050.92	5,050.49	41.97	1.46	-168.16	-372.39	-202.73	2,188.00	2,163.23	24.77	88.321		
5,600.00	5,137.01	5,139.09	5,138.65	42.87	1.49	-168.38	-371.79	-203.43	2,230.89	2,205.67	25.21	88.480		
5,700.00	5,226.54	5,233.63	5,233.19	43.77	1.51	-168.61	-370.87	-204.30	2,273.51	2,247.84	25.68	88.539		
5,800.00	5,316.07	5,312.37	5,311.92	44.67	1.53	-168.79	-370.38	-205.12	2,316.37	2,290.29	26.08	88.815		
5,900.00	5,405.59	5,380.18	5,379.73	45.57	1.54	-168.94	-370.48	-205.69	2,359.94	2,333.50	26.43	89.278		
6,000.00	5,495.12	5,455.23	5,454.78	46.47	1.55	-169.09	-371.21	-206.11	2,404.25	2,377.44	26.81	89.674		
6,100.00	5,584.65	5,527.63	5,527.17	47.37	1.56	-169.22	-372.33	-206.47	2,449.06	2,421.88	27.18	90.116		
6,200.00	5,674.18	5,591.96	5,591.48	48.27	1.56	-169.34	-373.73	-206.33	2,494.69	2,467.18	27.51	90.685		
6,300.00	5,763.71	5,680.41	5,679.90	49.16	1.56	-169.51	-375.99	-205.77	2,540.83	2,512.90	27.93	90.966		
6,400.00	5,853.23	5,764.77	5,764.23	50.06	1.57	-169.66	-378.20	-205.33	2,586.97	2,558.63	28.34	91.283		
6,500.00	5,942.76	5,887.63	5,887.05	50.96	1.57	-169.86	-381.13	-204.91	2,632.95	2,604.05	28.90	91.118		
6,600.00	6,032.29	5,990.32	5,989.73	51.86	1.58	-170.02	-382.73	-205.53	2,677.76	2,648.38	29.38	91.140		
6,700.00	6,121.82	6,069.23	6,068.63	52.76	1.59	-170.13	-384.16	-206.32	2,722.57	2,692.79	29.78	91.429		
6,800.00	6,211.35	6,154.56	6,153.93	53.66	1.60	-170.25	-385.86	-206.87	2,767.71	2,737.51	30.20	91.650		
6,900.00	6,300.88	6,250.13	6,249.49	54.56	1.61	-170.38	-387.50	-207.24	2,812.79	2,782.14	30.66	91.749		
7,000.00	6,390.40	6,347.71	6,347.06	55.46	1.63	-170.52	-388.84	-207.68	2,857.60	2,826.48	31.12	91.813		
7,100.00	6,479.90	6,456.02	6,455.36	56.36	1.64	-168.49	-389.91	-208.26	2,902.18	2,870.55	31.63	91.741		
7,200.00	6,565.62	6,542.69	6,542.02	57.41	1.66	-152.95	-390.21	-208.90	2,950.99	2,918.90	32.09	91.955		
7,300.00	6,643.25	6,605.41	6,604.74	58.67	1.67	-140.66	-390.63	-209.15	3,007.16	2,974.66	32.49	92.544		
7,400.00	6,710.45	6,687.78	6,687.11	60.11	1.68	-130.11	-391.02	-209.30	3,068.90	3,035.90	33.00	93.000		
7,500.00	6,765.16	6,741.52	6,740.85	61.71	1.69	-119.82	-391.10	-209.42	3,134.67	3,101.26	33.41	93.817		
7,600.00	6,805.74	6,779.51	6,778.85	63.40	1.70	-109.58	-391.30	-209.61	3,203.19	3,169.41	33.78	94.838		
7,700.00	6,830.93	6,804.32	6,803.65	65.14	1.70	-99.62	-391.50	-209.79	3,272.76	3,238.67	34.09	96.005		
7,800.00	6,839.98	6,815.26	6,814.59	66.86	1.70	-90.39	-391.58	-209.86	3,341.60	3,307.25	34.35	97.288		
7,900.00	6,840.00	6,816.01	6,815.34	68.58	1.70	-89.96	-391.59	-209.87	3,410.05	3,375.47	34.58	98.617		
8,000.00	6,840.00	6,816.72	6,816.06	70.35	1.70	-89.98	-391.59	-209.87	3,480.02	3,445.19	34.83	99.912		
8,100.00	6,840.00	6,817.43	6,816.76	72.18	1.70	-89.99	-391.60	-209.88	3,551.43	3,516.33	35.10	101.183		
8,200.00	6,840.00	6,818.12	6,817.45	74.06	1.70	-90.01	-391.60	-209.88	3,624.19	3,588.81	35.38	102.438		
8,300.00	6,840.00	6,818.80	6,818.13	75.98	1.70	-90.03	-391.61	-209.89	3,698.23	3,662.56	35.67	103.681		
8,400.00	6,840.00	6,819.47	6,818.80	77.96	1.70	-90.04	-391.61	-209.89	3,773.46	3,737.50	35.97	104.918		
8,500.00	6,840.00	6,820.12	6,819.45	79.97	1.70	-90.06	-391.61	-209.90	3,849.82	3,813.55	36.27	106.153		
8,600.00	6,840.00	6,820.77	6,820.10	82.03	1.70	-90.07	-391.62	-209.90	3,927.24	3,890.67	36.57	107.388		
8,700.00	6,840.00	6,821.41	6,820.74	84.12	1.70	-90.09	-391.62	-209.90	4,005.66	3,968.79	36.88	108.627		
8,800.00	6,840.00	6,822.04	6,821.37	86.25	1.70	-90.10	-391.63	-209.91	4,085.03	4,047.85	37.18	109.871		
8,900.00	6,840.00	6,822.66	6,821.99	88.41	1.70	-90.12	-391.63	-209.91	4,165.28	4,127.80	37.48	111.124		
9,000.00	6,840.00	6,823.27	6,822.60	90.60	1.70	-90.13	-391.63	-209.91	4,246.37	4,208.59	37.78	112.386		
9,100.00	6,840.00	6,823.87	6,823.20	92.82	1.70	-90.14	-391.64	-209.92	4,328.25	4,290.17	38.08	113.658		
9,200.00	6,840.00	6,824.46	6,823.79	95.07	1.70	-90.16	-391.64	-209.92	4,410.88	4,372.51	38.38	114.941		
9,300.00	6,840.00	6,825.04	6,824.37	97.34	1.70	-90.17	-391.64	-209.93	4,494.22	4,455.55	38.66	116.235		
9,400.00	6,840.00	6,825.61	6,824.94	99.64	1.70	-90.18	-391.65	-209.93	4,578.22	4,539.27	38.95	117.541		
9,500.00	6,840.00	6,826.18	6,825.51	101.95	1.70	-90.20	-391.65	-209.93	4,662.85	4,623.62	39.23	118.859		
9,600.00	6,840.00	6,826.74	6,826.07	104.29	1.70	-90.21	-391.65	-209.94	4,748.08	4,708.58	39.51	120.189		
9,700.00	6,840.00	6,827.28	6,826.61	106.64	1.70	-90.22	-391.66	-209.94	4,833.88	4,794.11	39.77	121.531		
9,800.00	6,840.00	6,827.83	6,827.16	109.02	1.70	-90.24	-391.66	-209.94	4,920.21	4,880.17	40.04	122.885		
9,900.00	6,840.00	6,828.36	6,827.69	111.41	1.70	-90.25	-391.66	-209.94	5,007.06	4,966.76	40.30	124.250		
10,000.00	6,840.00	6,828.89	6,828.22	113.81	1.70	-90.26	-391.67	-209.95	5,094.38	5,053.83	40.55	125.626		
10,100.00	6,840.00	6,829.40	6,828.73	116.23	1.70	-90.27	-391.67	-209.95	5,182.16	5,141.36	40.80	127.013		
10,200.00	6,840.00	6,829.92	6,829.25	118.67	1.70	-90.29	-391.67	-209.95	5,270.38	5,229.34	41.04	128.410		
10,300.00	6,840.00	6,830.42	6,829.75	121.11	1.70	-90.30	-391.67	-209.96	5,359.01	5,317.73	41.28	129.818		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,830.92	6,830.25	123.57	1.70	-90.31	-391.68	-209.96	5,448.04	5,406.52	41.51	131.235		
10,500.00	6,840.00	6,831.41	6,830.74	126.04	1.70	-90.32	-391.68	-209.96	5,537.44	5,495.70	41.74	132.661		
10,600.00	6,840.00	6,831.89	6,831.22	128.52	1.70	-90.33	-391.68	-209.96	5,627.19	5,585.23	41.96	134.096		
10,700.00	6,840.00	6,832.37	6,831.70	131.01	1.70	-90.34	-391.68	-209.97	5,717.29	5,675.11	42.18	135.540		
10,800.00	6,840.00	6,832.84	6,832.17	133.51	1.70	-90.35	-391.69	-209.97	5,807.71	5,765.32	42.39	136.991		
10,900.00	6,840.00	6,833.31	6,832.64	136.02	1.70	-90.36	-391.69	-209.97	5,898.44	5,855.84	42.60	138.450		
11,000.00	6,840.00	6,833.76	6,833.10	138.53	1.70	-90.37	-391.69	-209.97	5,989.47	5,946.66	42.81	139.916		
11,100.00	6,840.00	6,834.22	6,833.55	141.06	1.70	-90.39	-391.69	-209.98	6,080.77	6,037.76	43.01	141.389		
11,200.00	6,840.00	6,834.66	6,834.00	143.59	1.70	-90.40	-391.70	-209.98	6,172.35	6,129.15	43.20	142.868		
11,300.00	6,840.00	6,835.11	6,834.44	146.13	1.70	-90.41	-391.70	-209.98	6,264.18	6,220.79	43.39	144.353		
11,400.00	6,840.00	6,835.54	6,834.87	148.68	1.70	-90.42	-391.70	-209.98	6,356.26	6,312.68	43.58	145.844		
11,500.00	6,840.00	6,835.97	6,835.30	151.23	1.70	-90.43	-391.70	-209.98	6,448.58	6,404.81	43.77	147.340		
11,600.00	6,840.00	6,836.40	6,835.73	153.79	1.70	-90.44	-391.70	-209.99	6,541.12	6,497.17	43.95	148.841		
11,700.00	6,840.00	6,836.81	6,836.15	156.35	1.70	-90.45	-391.71	-209.99	6,633.88	6,589.76	44.12	150.346		
11,800.00	6,840.00	6,837.23	6,836.56	158.92	1.70	-90.46	-391.71	-209.99	6,726.85	6,682.55	44.30	151.856		
11,900.00	6,840.00	6,837.64	6,836.97	161.49	1.70	-90.46	-391.71	-209.99	6,820.01	6,775.54	44.47	153.369		
12,000.00	6,840.00	6,838.04	6,837.37	164.07	1.70	-90.47	-391.71	-209.99	6,913.37	6,868.73	44.64	154.886		
12,100.00	6,840.00	6,838.44	6,837.77	166.66	1.70	-90.48	-391.71	-210.00	7,006.91	6,962.11	44.80	156.407		
12,200.00	6,840.00	6,838.83	6,838.16	169.25	1.70	-90.49	-391.71	-210.00	7,100.62	7,055.66	44.96	157.930		
12,300.00	6,840.00	6,839.22	6,838.55	171.84	1.70	-90.50	-391.72	-210.00	7,194.51	7,149.39	45.12	159.457		
12,400.00	6,840.00	6,839.61	6,838.94	174.44	1.70	-90.51	-391.72	-210.00	7,288.55	7,243.28	45.27	160.986		
12,500.00	6,840.00	6,839.99	6,839.32	177.04	1.70	-90.52	-391.72	-210.00	7,382.76	7,337.33	45.43	162.517		
12,600.00	6,840.00	6,840.36	6,839.69	179.64	1.70	-90.53	-391.72	-210.01	7,477.11	7,431.53	45.58	164.050		
12,700.00	6,840.00	6,840.73	6,840.06	182.25	1.70	-90.54	-391.72	-210.01	7,571.61	7,525.88	45.73	165.585		
12,800.00	6,840.00	6,841.10	6,840.43	184.86	1.70	-90.55	-391.72	-210.01	7,666.25	7,620.38	45.87	167.122		
12,900.00	6,840.00	6,841.46	6,840.79	187.47	1.70	-90.55	-391.73	-210.01	7,761.02	7,715.00	46.02	168.660		
13,000.00	6,840.00	6,841.82	6,841.15	190.09	1.70	-90.56	-391.73	-210.01	7,855.92	7,809.77	46.16	170.199		
13,100.00	6,840.00	6,842.17	6,841.51	192.71	1.70	-90.57	-391.73	-210.01	7,950.95	7,904.65	46.30	171.739		
13,200.00	6,840.00	6,842.52	6,841.85	195.34	1.70	-90.58	-391.73	-210.02	8,046.10	7,999.66	46.43	173.280		
13,300.00	6,840.00	6,842.87	6,842.20	197.96	1.70	-90.59	-391.73	-210.02	8,141.36	8,094.79	46.57	174.821		
13,400.00	6,840.00	6,843.21	6,842.54	200.59	1.70	-90.59	-391.73	-210.02	8,236.74	8,190.04	46.70	176.363		
13,500.00	6,840.00	6,843.55	6,842.88	203.22	1.70	-90.60	-391.73	-210.02	8,332.22	8,285.39	46.84	177.905		
13,600.00	6,840.00	6,843.88	6,843.21	205.85	1.70	-90.61	-391.73	-210.02	8,427.81	8,380.85	46.97	179.448		
13,700.00	6,840.00	6,844.21	6,843.55	208.49	1.70	-90.62	-391.74	-210.02	8,523.51	8,476.41	47.09	180.990		
13,800.00	6,840.00	6,844.54	6,843.87	211.13	1.70	-90.63	-391.74	-210.02	8,619.29	8,572.07	47.22	182.532		
13,900.00	6,840.00	6,844.86	6,844.20	213.77	1.70	-90.63	-391.74	-210.03	8,715.18	8,667.83	47.35	184.074		
14,000.00	6,840.00	6,845.18	6,844.51	216.41	1.70	-90.64	-391.74	-210.03	8,811.15	8,763.68	47.47	185.615		
14,100.00	6,840.00	6,845.50	6,844.83	219.06	1.70	-90.65	-391.74	-210.03	8,907.22	8,859.62	47.59	187.155		
14,200.00	6,840.00	6,845.81	6,845.14	221.70	1.70	-90.66	-391.74	-210.03	9,003.36	8,955.65	47.71	188.695		
14,300.00	6,840.00	6,846.12	6,845.45	224.35	1.70	-90.66	-391.74	-210.03	9,099.60	9,051.76	47.83	190.234		
14,400.00	6,840.00	6,846.43	6,845.76	227.00	1.70	-90.67	-391.74	-210.03	9,195.91	9,147.96	47.95	191.772		
14,500.00	6,840.00	6,846.73	6,846.06	229.65	1.70	-90.68	-391.74	-210.03	9,292.30	9,244.23	48.07	193.308		
14,600.00	6,840.00	6,847.03	6,846.36	232.30	1.70	-90.68	-391.75	-210.04	9,388.76	9,340.58	48.19	194.844		
14,700.00	6,840.00	6,847.33	6,846.66	234.96	1.70	-90.69	-391.75	-210.04	9,485.30	9,437.00	48.30	196.378		
14,800.00	6,840.00	6,847.62	6,846.95	237.61	1.70	-90.70	-391.75	-210.04	9,581.91	9,533.50	48.42	197.910		
14,900.00	6,840.00	6,847.91	6,847.24	240.27	1.70	-90.70	-391.75	-210.04	9,678.59	9,630.06	48.53	199.441		
15,000.00	6,840.00	6,848.20	6,847.53	242.93	1.70	-90.71	-391.75	-210.04	9,775.34	9,726.70	48.64	200.971		
15,100.00	6,840.00	6,848.48	6,847.81	245.59	1.70	-90.72	-391.75	-210.04	9,872.15	9,823.40	48.75	202.498		
15,200.00	6,840.00	6,848.76	6,848.09	248.25	1.70	-90.72	-391.75	-210.04	9,969.02	9,920.16	48.86	204.024		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-15.91	912.21	-260.02	949.23					
100.00	100.00	64.65	64.65	0.13	0.07	-15.90	912.23	-259.87	948.52	948.32	0.20	4,689.719		
166.21	166.21	130.21	130.21	0.37	0.11	-15.88	912.29	-259.48	948.48	947.99	0.48	1,960.143		
200.00	200.00	162.91	162.91	0.49	0.12	-15.87	912.34	-259.39	948.50	947.88	0.61	1,547.561		
300.00	300.00	262.61	262.61	0.85	0.20	-15.88	912.48	-259.58	948.69	947.64	1.05	902.860		
400.00	399.98	361.93	361.93	1.21	0.29	28.80	912.55	-259.85	947.30	945.80	1.50	632.524		
500.00	499.84	461.25	461.25	1.57	0.35	28.98	912.76	-260.11	942.99	941.07	1.92	492.314		
600.00	599.45	563.50	563.50	1.94	0.37	29.33	912.95	-260.12	935.55	933.25	2.30	406.322		
700.00	698.70	662.27	662.27	2.32	0.40	29.78	912.82	-260.36	924.87	922.16	2.70	342.005		
800.00	797.47	759.74	759.73	2.73	0.45	30.38	912.88	-260.71	911.44	908.31	3.13	291.215		
900.00	895.62	858.73	858.72	3.16	0.49	31.16	912.99	-260.96	895.13	891.57	3.56	251.310		
1,000.00	993.06	955.01	955.00	3.63	0.53	32.07	912.94	-261.56	875.94	871.94	4.00	218.735		
1,100.00	1,089.64	1,051.31	1,051.30	4.14	0.58	33.19	913.14	-262.13	854.25	849.79	4.47	191.226		
1,200.00	1,185.27	1,147.51	1,147.50	4.70	0.62	34.53	913.20	-262.75	829.84	824.89	4.95	167.581		
1,300.00	1,279.82	1,240.93	1,240.92	5.30	0.67	36.08	913.34	-263.40	803.06	797.60	5.46	146.997		
1,400.00	1,373.17	1,334.55	1,334.53	5.96	0.71	37.94	913.63	-263.99	774.15	768.14	6.01	128.834		
1,500.00	1,465.21	1,428.81	1,428.79	6.67	0.75	40.15	913.71	-264.62	743.01	736.41	6.60	112.620		
1,600.00	1,555.84	1,519.81	1,519.79	7.44	0.79	42.70	913.68	-265.07	710.01	702.77	7.24	98.016		
1,700.00	1,645.41	1,608.70	1,608.68	8.26	0.82	45.20	913.71	-265.35	676.43	668.47	7.95	85.041		
1,800.00	1,734.94	1,697.86	1,697.84	9.09	0.86	47.80	913.83	-265.82	644.16	635.44	8.72	73.874		
1,900.00	1,824.47	1,787.71	1,787.69	9.94	0.90	50.65	913.97	-266.40	613.39	603.85	9.54	64.270		
2,000.00	1,913.99	1,874.67	1,874.64	10.80	0.93	53.65	914.30	-267.00	584.52	574.08	10.43	56.029		
2,100.00	2,003.52	1,962.50	1,962.46	11.66	0.97	56.89	915.12	-268.04	558.02	546.64	11.38	49.037		
2,200.00	2,093.05	2,048.60	2,048.55	12.53	1.00	60.28	916.37	-269.22	534.13	521.75	12.38	43.131		
2,300.00	2,182.58	2,135.60	2,135.51	13.40	1.03	63.97	918.42	-270.09	513.58	500.14	13.44	38.222		
2,400.00	2,272.11	2,225.94	2,225.83	14.28	1.06	68.06	920.69	-270.84	496.00	481.47	14.52	34.153		
2,500.00	2,361.63	2,315.82	2,315.67	15.16	1.09	72.32	923.16	-271.77	481.63	466.01	15.62	30.826		
2,600.00	2,451.16	2,406.31	2,406.12	16.04	1.12	76.83	925.64	-272.51	470.71	453.99	16.72	28.154		
2,700.00	2,540.69	2,499.95	2,499.73	16.92	1.15	81.69	927.72	-273.11	463.12	445.34	17.78	26.046		
2,800.00	2,630.22	2,591.72	2,591.49	17.81	1.18	86.61	929.14	-273.65	458.97	440.19	18.78	24.437		
2,859.19	2,683.21	2,645.83	2,645.60	18.33	1.19	89.55	929.73	-273.91	458.30	438.96	19.33	23.703 CC		
2,900.00	2,719.75	2,683.08	2,682.84	18.70	1.21	91.58	930.06	-274.09	458.62	438.93	19.69	23.287 ES		
3,000.00	2,809.28	2,772.08	2,771.84	19.58	1.24	96.43	930.71	-274.39	462.34	441.84	20.49	22.559		
3,100.00	2,898.80	2,862.46	2,862.22	20.47	1.26	101.27	931.35	-274.53	470.28	449.11	21.17	22.211		
3,200.00	2,988.33	2,952.31	2,952.07	21.36	1.29	105.92	931.89	-274.80	481.95	460.22	21.73	22.177 SF		
3,300.00	3,077.86	3,042.34	3,042.10	22.26	1.32	110.35	932.69	-275.11	497.32	475.13	22.19	22.416		
3,400.00	3,167.39	3,132.96	3,132.71	23.15	1.36	114.56	933.34	-275.53	515.80	493.25	22.55	22.873		
3,500.00	3,256.92	3,222.78	3,222.53	24.04	1.39	118.46	934.12	-275.99	537.21	514.37	22.84	23.517		
3,600.00	3,346.44	3,313.16	3,312.90	24.93	1.42	122.09	935.11	-276.52	561.18	538.09	23.09	24.307		
3,700.00	3,435.97	3,404.36	3,404.09	25.83	1.45	125.49	935.97	-277.17	587.26	563.97	23.30	25.207		
3,800.00	3,525.50	3,493.43	3,493.15	26.72	1.48	128.56	936.79	-277.81	615.32	591.84	23.48	26.208		
3,900.00	3,615.03	3,582.17	3,581.89	27.62	1.51	131.37	937.62	-278.30	645.24	621.60	23.64	27.290		
4,000.00	3,704.56	3,670.64	3,670.36	28.51	1.54	133.97	938.14	-278.60	676.85	653.05	23.80	28.439		
4,100.00	3,794.09	3,761.35	3,761.07	29.41	1.57	136.44	938.46	-278.84	709.86	685.90	23.97	29.619		
4,200.00	3,883.61	3,850.97	3,850.69	30.30	1.60	138.67	938.81	-279.25	743.86	719.73	24.14	30.818		
4,300.00	3,973.14	3,939.81	3,939.53	31.20	1.63	140.71	939.14	-279.49	779.03	754.72	24.32	32.039		
4,400.00	4,062.67	4,030.52	4,030.24	32.10	1.66	142.63	939.37	-279.77	815.05	790.54	24.51	33.248		
4,500.00	4,152.20	4,121.97	4,121.68	32.99	1.70	144.40	939.68	-280.23	851.67	826.93	24.73	34.434		
4,600.00	4,241.73	4,212.58	4,212.29	33.89	1.73	146.02	940.03	-280.77	888.85	863.89	24.96	35.607		
4,700.00	4,331.26	4,306.00	4,305.71	34.79	1.76	147.56	940.47	-281.55	926.40	901.18	25.22	36.731		
4,800.00	4,420.78	4,394.65	4,394.35	35.69	1.79	148.90	940.98	-282.37	964.38	938.91	25.47	37.865		
4,900.00	4,510.31	4,487.13	4,486.83	36.58	1.82	150.21	941.47	-283.29	1,002.75	977.00	25.75	38.944		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,599.84	4,577.14	4,576.83	37.48	1.85	151.40	941.90	-284.35	1,041.40	1,015.38	26.03	40.015		
5,100.00	4,689.37	4,666.39	4,666.08	38.38	1.88	152.48	942.47	-285.30	1,080.47	1,054.16	26.31	41.064		
5,200.00	4,778.90	4,754.66	4,754.33	39.28	1.91	153.47	943.13	-286.10	1,119.96	1,093.35	26.61	42.095		
5,300.00	4,868.42	4,842.71	4,842.38	40.18	1.94	154.41	943.62	-286.78	1,159.90	1,133.00	26.90	43.112		
5,400.00	4,957.95	4,931.36	4,931.02	41.07	1.97	155.28	944.27	-287.29	1,200.22	1,173.00	27.22	44.095		
5,500.00	5,047.48	5,019.81	5,019.47	41.97	2.00	156.10	944.77	-287.75	1,240.86	1,213.33	27.54	45.060		
5,600.00	5,137.01	5,107.52	5,107.18	42.87	2.03	156.85	945.38	-288.02	1,281.85	1,253.99	27.86	46.009		
5,700.00	5,226.54	5,190.79	5,190.45	43.77	2.04	157.52	946.02	-287.93	1,323.34	1,295.18	28.16	46.996		
5,800.00	5,316.07	5,278.92	5,278.58	44.67	2.06	158.18	946.58	-287.59	1,365.27	1,336.78	28.48	47.931		
5,900.00	5,405.59	5,363.80	5,363.45	45.57	2.07	158.79	947.05	-287.13	1,407.50	1,378.71	28.79	48.881		
6,000.00	5,495.12	5,452.60	5,452.25	46.47	2.08	159.37	947.73	-286.26	1,450.14	1,421.01	29.14	49.772		
6,100.00	5,584.65	5,540.43	5,540.06	47.37	2.09	159.89	948.98	-285.20	1,492.82	1,463.33	29.48	50.631		
6,200.00	5,674.18	5,620.55	5,620.14	48.27	2.10	160.30	950.85	-283.48	1,535.95	1,506.15	29.81	51.531		
6,300.00	5,763.71	5,694.36	5,693.88	49.16	2.10	160.63	952.81	-281.06	1,579.92	1,549.82	30.10	52.488		
6,400.00	5,853.23	5,781.56	5,781.01	50.06	2.11	161.02	954.66	-277.87	1,624.48	1,594.01	30.47	53.313		
6,500.00	5,942.76	5,883.26	5,882.66	50.96	2.11	161.49	955.75	-275.07	1,668.85	1,637.94	30.91	53.988		
6,600.00	6,032.29	5,991.14	5,990.53	51.86	2.12	162.01	956.54	-273.52	1,712.39	1,681.01	31.38	54.567		
6,700.00	6,121.82	6,091.14	6,090.52	52.76	2.14	162.48	957.13	-273.18	1,755.23	1,723.41	31.82	55.166		
6,800.00	6,211.35	6,184.73	6,184.11	53.66	2.17	162.91	957.43	-273.43	1,797.78	1,765.55	32.23	55.778		
6,900.00	6,300.88	6,274.08	6,273.46	54.56	2.19	163.32	957.49	-273.91	1,840.33	1,807.71	32.62	56.416		
7,000.00	6,390.40	6,370.89	6,370.27	55.46	2.20	163.76	957.17	-274.76	1,882.86	1,849.81	33.05	56.973		
7,100.00	6,479.90	6,463.96	6,463.33	56.36	2.22	166.16	956.94	-275.96	1,925.20	1,891.74	33.46	57.536		
7,200.00	6,565.62	6,551.25	6,550.61	57.41	2.24	-179.40	956.94	-277.01	1,975.35	1,941.46	33.89	58.281		
7,300.00	6,643.25	6,630.35	6,629.70	58.67	2.26	-168.07	957.04	-277.96	2,037.08	2,002.75	34.33	59.338		
7,400.00	6,710.45	6,698.01	6,697.37	60.11	2.28	-157.35	957.02	-278.83	2,108.64	2,073.91	34.72	60.724		
7,500.00	6,765.16	6,745.53	6,744.87	61.71	2.29	-145.15	956.97	-279.37	2,188.15	2,153.14	35.01	62.494		
7,600.00	6,805.74	6,780.28	6,779.63	63.40	2.30	-129.85	956.93	-279.62	2,273.49	2,238.26	35.23	64.533		
7,700.00	6,830.93	6,801.99	6,801.34	65.14	2.30	-111.02	956.92	-279.71	2,362.23	2,326.86	35.37	66.786		
7,800.00	6,839.98	6,811.10	6,810.45	66.86	2.31	-91.29	956.91	-279.75	2,451.85	2,416.41	35.45	69.171		
7,900.00	6,840.00	6,811.45	6,810.80	68.58	2.31	-90.35	956.91	-279.75	2,541.37	2,505.88	35.49	71.611		
8,000.00	6,840.00	6,811.79	6,811.14	70.35	2.31	-90.37	956.91	-279.75	2,631.64	2,596.10	35.54	74.053		
8,100.00	6,840.00	6,812.12	6,811.47	72.18	2.31	-90.38	956.91	-279.75	2,722.59	2,687.00	35.59	76.497		
8,200.00	6,840.00	6,812.45	6,811.80	74.06	2.31	-90.40	956.91	-279.75	2,814.15	2,778.50	35.65	78.943		
8,300.00	6,840.00	6,812.79	6,812.14	75.98	2.31	-90.42	956.91	-279.75	2,906.27	2,870.56	35.71	81.390		
8,400.00	6,840.00	6,813.12	6,812.47	77.96	2.31	-90.44	956.91	-279.75	2,998.90	2,963.13	35.77	83.838		
8,500.00	6,840.00	6,813.45	6,812.80	79.97	2.31	-90.45	956.91	-279.75	3,091.98	3,056.15	35.83	86.287		
8,600.00	6,840.00	6,813.78	6,813.13	82.03	2.31	-90.47	956.91	-279.75	3,185.48	3,149.58	35.90	88.736		
8,700.00	6,840.00	6,814.12	6,813.46	84.12	2.31	-90.49	956.90	-279.76	3,279.37	3,243.40	35.96	91.185		
8,800.00	6,840.00	6,814.45	6,813.79	86.25	2.31	-90.50	956.90	-279.76	3,373.61	3,337.58	36.03	93.632		
8,900.00	6,840.00	6,814.78	6,814.13	88.41	2.31	-90.52	956.90	-279.76	3,468.17	3,432.07	36.10	96.079		
9,000.00	6,840.00	6,815.11	6,814.46	90.60	2.31	-90.54	956.90	-279.76	3,563.02	3,526.86	36.16	98.525		
9,100.00	6,840.00	6,815.44	6,814.79	92.82	2.31	-90.56	956.90	-279.76	3,658.15	3,621.92	36.23	100.968		
9,200.00	6,840.00	6,815.77	6,815.12	95.07	2.31	-90.57	956.90	-279.76	3,753.54	3,717.24	36.30	103.410		
9,300.00	6,840.00	6,816.10	6,815.45	97.34	2.31	-90.59	956.90	-279.76	3,849.16	3,812.79	36.36	105.850		
9,400.00	6,840.00	6,816.43	6,815.77	99.64	2.31	-90.61	956.90	-279.76	3,944.99	3,908.56	36.43	108.287		
9,500.00	6,840.00	6,816.76	6,816.10	101.95	2.31	-90.62	956.90	-279.76	4,041.03	4,004.53	36.50	110.721		
9,600.00	6,840.00	6,817.08	6,816.43	104.29	2.31	-90.64	956.90	-279.77	4,137.26	4,100.69	36.56	113.152		
9,700.00	6,840.00	6,817.41	6,816.76	106.64	2.31	-90.66	956.90	-279.77	4,233.66	4,197.03	36.63	115.580		
9,800.00	6,840.00	6,817.74	6,817.09	109.02	2.31	-90.67	956.90	-279.77	4,330.22	4,293.52	36.70	118.004		
9,900.00	6,840.00	6,818.07	6,817.41	111.41	2.31	-90.69	956.90	-279.77	4,426.94	4,390.17	36.76	120.424		
10,000.00	6,840.00	6,818.39	6,817.74	113.81	2.31	-90.71	956.90	-279.77	4,523.79	4,486.97	36.83	122.841		
10,100.00	6,840.00	6,818.72	6,818.07	116.23	2.31	-90.72	956.90	-279.77	4,620.79	4,583.90	36.89	125.253		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,819.05	6,818.39	118.67	2.31	-90.74	956.90	-279.77	4,717.90	4,680.95	36.96	127.661		
10,300.00	6,840.00	6,819.37	6,818.72	121.11	2.31	-90.76	956.90	-279.77	4,815.14	4,778.12	37.02	130.065		
10,400.00	6,840.00	6,819.70	6,819.05	123.57	2.31	-90.77	956.90	-279.77	4,912.49	4,875.40	37.09	132.464		
10,500.00	6,840.00	6,820.02	6,819.37	126.04	2.31	-90.79	956.90	-279.78	5,009.94	4,972.79	37.15	134.858		
10,600.00	6,840.00	6,820.35	6,819.70	128.52	2.31	-90.81	956.90	-279.78	5,107.49	5,070.28	37.21	137.247		
10,700.00	6,840.00	6,820.67	6,820.02	131.01	2.31	-90.82	956.90	-279.78	5,205.13	5,167.85	37.28	139.630		
10,800.00	6,840.00	6,821.00	6,820.35	133.51	2.31	-90.84	956.90	-279.78	5,302.86	5,265.52	37.34	142.009		
10,900.00	6,840.00	6,821.32	6,820.67	136.02	2.31	-90.86	956.90	-279.78	5,400.68	5,363.27	37.41	144.382		
11,000.00	6,840.00	6,821.65	6,820.99	138.53	2.31	-90.87	956.90	-279.78	5,498.57	5,461.10	37.47	146.749		
11,100.00	6,840.00	6,821.97	6,821.32	141.06	2.31	-90.89	956.90	-279.78	5,596.54	5,559.00	37.53	149.110		
11,200.00	6,840.00	6,822.29	6,821.64	143.59	2.31	-90.91	956.90	-279.78	5,694.57	5,656.98	37.60	151.466		
11,300.00	6,840.00	6,822.61	6,821.96	146.13	2.31	-90.92	956.90	-279.78	5,792.68	5,755.02	37.66	153.815		
11,400.00	6,840.00	6,822.94	6,822.28	148.68	2.31	-90.94	956.90	-279.79	5,890.85	5,853.12	37.72	156.159		
11,500.00	6,840.00	6,823.26	6,822.61	151.23	2.31	-90.96	956.89	-279.79	5,989.08	5,951.29	37.79	158.496		
11,600.00	6,840.00	6,823.58	6,822.93	153.79	2.31	-90.97	956.89	-279.79	6,087.36	6,049.51	37.85	160.827		
11,700.00	6,840.00	6,823.90	6,823.25	156.35	2.31	-90.99	956.89	-279.79	6,185.71	6,147.79	37.91	163.151		
11,800.00	6,840.00	6,824.22	6,823.57	158.92	2.31	-91.01	956.89	-279.79	6,284.10	6,246.12	37.98	165.468		
11,900.00	6,840.00	6,824.54	6,823.89	161.49	2.31	-91.02	956.89	-279.79	6,382.54	6,344.50	38.04	167.779		
12,000.00	6,840.00	6,824.86	6,824.21	164.07	2.31	-91.04	956.89	-279.79	6,481.03	6,442.93	38.11	170.083		
12,100.00	6,840.00	6,825.18	6,824.53	166.66	2.31	-91.06	956.89	-279.79	6,579.57	6,541.40	38.17	172.380		
12,200.00	6,840.00	6,825.50	6,824.85	169.25	2.31	-91.07	956.89	-279.79	6,678.15	6,639.92	38.23	174.670		
12,300.00	6,840.00	6,825.82	6,825.17	171.84	2.31	-91.09	956.89	-279.80	6,776.77	6,738.48	38.30	176.953		
12,400.00	6,840.00	6,826.14	6,825.49	174.44	2.31	-91.11	956.89	-279.80	6,875.44	6,837.07	38.36	179.229		
12,500.00	6,840.00	6,826.46	6,825.81	177.04	2.31	-91.12	956.89	-279.80	6,974.14	6,935.71	38.43	181.497		
12,600.00	6,840.00	6,826.78	6,826.12	179.64	2.31	-91.14	956.89	-279.80	7,072.87	7,034.38	38.49	183.758		
12,700.00	6,840.00	6,827.09	6,826.44	182.25	2.31	-91.16	956.89	-279.80	7,171.64	7,133.09	38.55	186.012		
12,800.00	6,840.00	6,827.41	6,826.76	184.86	2.31	-91.17	956.89	-279.80	7,270.45	7,231.83	38.62	188.258		
12,900.00	6,840.00	6,827.73	6,827.08	187.47	2.31	-91.19	956.89	-279.80	7,369.29	7,330.60	38.68	190.496		
13,000.00	6,840.00	6,828.05	6,827.39	190.09	2.31	-91.20	956.89	-279.80	7,468.15	7,429.40	38.75	192.727		
13,100.00	6,840.00	6,828.36	6,827.71	192.71	2.31	-91.22	956.89	-279.80	7,567.05	7,528.24	38.82	194.950		
13,200.00	6,840.00	6,828.68	6,828.03	195.34	2.31	-91.24	956.89	-279.81	7,665.98	7,627.10	38.88	197.165		
13,300.00	6,840.00	6,829.00	6,828.34	197.96	2.31	-91.25	956.89	-279.81	7,764.93	7,725.99	38.95	199.373		
13,400.00	6,840.00	6,829.31	6,828.66	200.59	2.31	-91.27	956.89	-279.81	7,863.91	7,824.90	39.01	201.572		
13,500.00	6,840.00	6,829.63	6,828.97	203.22	2.31	-91.29	956.89	-279.81	7,962.92	7,923.84	39.08	203.763		
13,600.00	6,840.00	6,829.94	6,829.29	205.85	2.31	-91.30	956.89	-279.81	8,061.95	8,022.80	39.15	205.947		
13,700.00	6,840.00	6,830.26	6,829.60	208.49	2.31	-91.32	956.89	-279.81	8,161.00	8,121.79	39.21	208.122		
13,800.00	6,840.00	6,830.57	6,829.92	211.13	2.31	-91.33	956.89	-279.81	8,260.08	8,220.80	39.28	210.289		
13,900.00	6,840.00	6,830.88	6,830.23	213.77	2.31	-91.35	956.89	-279.81	8,359.18	8,319.83	39.35	212.447		
14,000.00	6,840.00	6,831.20	6,830.55	216.41	2.31	-91.37	956.89	-279.81	8,458.30	8,418.88	39.41	214.598		
14,100.00	6,840.00	6,831.51	6,830.86	219.06	2.31	-91.38	956.88	-279.81	8,557.44	8,517.96	39.48	216.740		
14,200.00	6,840.00	6,831.82	6,831.17	221.70	2.31	-91.40	956.88	-279.82	8,656.60	8,617.05	39.55	218.874		
14,300.00	6,840.00	6,832.14	6,831.48	224.35	2.31	-91.41	956.88	-279.82	8,755.78	8,716.16	39.62	220.999		
14,400.00	6,840.00	6,832.45	6,831.80	227.00	2.31	-91.43	956.88	-279.82	8,854.98	8,815.29	39.69	223.116		
14,500.00	6,840.00	6,832.76	6,832.11	229.65	2.31	-91.45	956.88	-279.82	8,954.19	8,914.43	39.76	225.224		
14,600.00	6,840.00	6,833.07	6,832.42	232.30	2.31	-91.46	956.88	-279.82	9,053.42	9,013.60	39.83	227.324		
14,700.00	6,840.00	6,833.38	6,832.73	234.96	2.31	-91.48	956.88	-279.82	9,152.67	9,112.78	39.90	229.415		
14,800.00	6,840.00	6,833.70	6,833.04	237.61	2.31	-91.50	956.88	-279.82	9,251.94	9,211.97	39.97	231.498		
14,900.00	6,840.00	6,834.01	6,833.35	240.27	2.31	-91.51	956.88	-279.82	9,351.22	9,311.19	40.04	233.571		
15,000.00	6,840.00	6,834.32	6,833.66	242.93	2.31	-91.53	956.88	-279.82	9,450.52	9,410.41	40.11	235.637		
15,100.00	6,840.00	6,834.63	6,833.97	245.59	2.31	-91.54	956.88	-279.83	9,549.83	9,509.65	40.18	237.693		
15,200.00	6,840.00	6,834.94	6,834.28	248.25	2.31	-91.56	956.88	-279.83	9,649.15	9,608.91	40.25	239.741		
15,300.00	6,840.00	6,835.25	6,834.59	250.92	2.31	-91.57	956.88	-279.83	9,748.49	9,708.17	40.32	241.780		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,400.00	6,840.00	6,835.56	6,834.90	253.58	2.31	-91.59	956.88	-279.83	9,847.85	9,807.45	40.39	243.810	
15,500.00	6,840.00	6,835.86	6,835.21	256.25	2.31	-91.61	956.88	-279.83	9,947.21	9,906.75	40.46	245.831	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-63.43	496.92	-993.80	1,111.72					
100.00	100.00	59.89	59.89	0.13	0.06	-63.42	497.16	-993.77	1,111.20	1,111.00	0.20	5,624.671		
200.00	200.00	157.84	157.83	0.49	0.18	-63.37	498.32	-993.66	1,111.62	1,110.95	0.67	1,651.075		
300.00	300.00	256.55	256.54	0.85	0.28	-63.32	499.35	-993.69	1,112.12	1,110.99	1.13	985.301		
400.00	399.98	355.42	355.41	1.21	0.36	-18.70	500.04	-994.07	1,111.12	1,109.57	1.56	714.532		
500.00	499.84	451.48	451.46	1.57	0.42	-18.78	500.83	-994.51	1,106.95	1,104.97	1.97	560.743		
600.00	599.45	547.72	547.70	1.94	0.47	-18.95	501.74	-995.41	1,099.96	1,097.56	2.39	460.112		
700.00	698.70	647.58	647.54	2.32	0.53	-19.19	502.85	-996.35	1,089.75	1,086.94	2.81	387.806		
800.00	797.47	747.78	747.73	2.73	0.58	-19.52	504.06	-997.15	1,076.21	1,072.98	3.23	333.153		
900.00	895.62	847.61	847.55	3.16	0.63	-19.94	505.27	-997.79	1,059.31	1,055.65	3.65	289.970		
1,000.00	993.06	946.77	946.71	3.63	0.68	-20.48	506.30	-998.38	1,039.10	1,035.02	4.08	254.654		
1,100.00	1,089.64	1,043.90	1,043.83	4.14	0.72	-21.14	506.93	-998.98	1,015.62	1,011.11	4.51	224.961		
1,200.00	1,185.27	1,139.52	1,139.45	4.70	0.76	-21.94	507.58	-999.65	989.16	984.20	4.96	199.464		
1,300.00	1,279.82	1,233.51	1,233.44	5.30	0.80	-22.88	508.07	-1,000.32	959.65	954.24	5.42	177.184		
1,400.00	1,373.17	1,324.49	1,324.41	5.96	0.84	-23.97	508.63	-1,001.25	927.56	921.67	5.89	157.485		
1,500.00	1,465.21	1,417.96	1,417.87	6.67	0.87	-25.30	509.07	-1,002.26	892.68	886.30	6.39	139.806		
1,600.00	1,555.84	1,507.46	1,507.36	7.44	0.91	-26.82	509.65	-1,003.26	855.24	848.33	6.91	123.809		
1,700.00	1,645.41	1,599.94	1,599.83	8.26	0.94	-28.31	510.18	-1,004.24	816.09	808.63	7.46	109.411		
1,800.00	1,734.94	1,688.47	1,688.36	9.09	0.97	-29.82	510.38	-1,005.24	777.27	769.23	8.04	96.695		
1,900.00	1,824.47	1,776.28	1,776.16	9.94	1.00	-31.48	510.42	-1,006.49	739.21	730.56	8.66	85.389		
2,000.00	1,913.99	1,866.07	1,865.94	10.80	1.04	-33.33	510.56	-1,007.93	701.99	692.67	9.32	75.350		
2,100.00	2,003.52	1,954.93	1,954.78	11.66	1.07	-35.33	511.09	-1,009.29	665.54	655.52	10.02	66.416		
2,200.00	2,093.05	2,044.15	2,043.98	12.53	1.10	-37.44	512.69	-1,010.67	630.16	619.39	10.77	58.511		
2,300.00	2,182.58	2,134.30	2,134.09	13.40	1.14	-39.74	514.98	-1,012.04	595.77	584.20	11.57	51.492		
2,400.00	2,272.11	2,225.52	2,225.26	14.28	1.17	-42.31	517.45	-1,013.50	562.50	550.07	12.43	45.255		
2,500.00	2,361.63	2,320.35	2,320.05	15.16	1.20	-45.27	520.16	-1,014.54	529.99	516.64	13.35	39.706		
2,600.00	2,451.16	2,414.46	2,414.12	16.04	1.23	-48.58	522.82	-1,014.84	498.20	483.86	14.34	34.738		
2,700.00	2,540.69	2,505.47	2,505.10	16.92	1.26	-52.22	524.97	-1,014.77	467.80	452.36	15.43	30.310		
2,800.00	2,630.22	2,595.13	2,594.75	17.81	1.29	-56.28	526.67	-1,014.65	439.53	422.90	16.63	26.436		
2,900.00	2,719.75	2,680.49	2,680.10	18.70	1.32	-60.59	528.03	-1,014.99	414.44	396.52	17.92	23.128		
3,000.00	2,809.28	2,771.37	2,770.97	19.58	1.35	-65.64	529.35	-1,015.95	393.12	373.86	19.26	20.408		
3,100.00	2,898.80	2,862.40	2,861.98	20.47	1.38	-71.14	530.77	-1,016.58	375.19	354.56	20.63	18.184		
3,200.00	2,988.33	2,952.80	2,952.37	21.36	1.41	-77.00	532.23	-1,017.15	361.46	339.48	21.97	16.450		
3,300.00	3,077.86	3,042.92	3,042.47	22.26	1.44	-83.19	533.52	-1,017.58	352.49	329.27	23.22	15.181		
3,400.00	3,167.39	3,131.93	3,131.48	23.15	1.47	-89.57	534.29	-1,017.71	348.86	324.56	24.30	14.357		
3,411.96	3,178.10	3,142.45	3,142.00	23.25	1.48	-90.33	534.35	-1,017.72	348.82	324.41	24.41	14.288 CC, ES		
3,500.00	3,256.92	3,220.22	3,219.77	24.04	1.50	-95.96	534.56	-1,017.89	351.15	326.01	25.14	13.966		
3,600.00	3,346.44	3,309.83	3,309.38	24.93	1.53	-102.27	534.87	-1,018.32	359.02	333.28	25.74	13.948 SF		
3,700.00	3,435.97	3,396.59	3,396.14	25.83	1.55	-108.03	535.04	-1,019.37	372.38	346.28	26.10	14.268		
3,800.00	3,525.50	3,490.63	3,490.16	26.72	1.58	-113.77	535.50	-1,021.05	390.10	363.79	26.31	14.827		
3,900.00	3,615.03	3,579.38	3,578.89	27.62	1.61	-118.74	536.31	-1,022.48	411.19	384.82	26.38	15.588		
4,000.00	3,704.56	3,670.83	3,670.33	28.51	1.64	-123.47	536.82	-1,023.53	435.76	409.38	26.37	16.522		
4,100.00	3,794.09	3,761.84	3,761.34	29.41	1.67	-127.72	537.69	-1,024.35	462.73	436.40	26.33	17.575		
4,200.00	3,883.61	3,850.76	3,850.25	30.30	1.70	-131.45	538.52	-1,025.18	492.08	465.81	26.26	18.736		
4,300.00	3,973.14	3,940.22	3,939.70	31.20	1.73	-134.81	539.06	-1,026.08	523.67	497.46	26.21	19.977		
4,400.00	4,062.67	4,031.93	4,031.40	32.10	1.76	-137.86	539.77	-1,027.23	556.70	530.49	26.21	21.242		
4,500.00	4,152.20	4,123.71	4,123.17	32.99	1.80	-140.61	540.74	-1,028.29	590.81	564.58	26.23	22.523		
4,600.00	4,241.73	4,215.88	4,215.32	33.89	1.83	-143.07	541.99	-1,029.40	625.77	599.48	26.29	23.799		
4,700.00	4,331.26	4,307.94	4,307.37	34.79	1.86	-145.27	543.44	-1,030.69	661.43	635.04	26.39	25.062		
4,800.00	4,420.78	4,402.30	4,401.69	35.69	1.89	-147.30	545.32	-1,032.05	697.50	670.96	26.54	26.286		
4,900.00	4,510.31	4,494.37	4,493.73	36.58	1.93	-149.09	547.49	-1,033.46	733.91	707.21	26.69	27.494		
5,000.00	4,599.84	4,579.36	4,578.69	37.48	1.95	-150.61	549.32	-1,034.61	771.11	744.29	26.83	28.744		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,662.62	4,661.94	38.38	1.98	-151.99	550.53	-1,035.25	809.59	782.62	26.97	30.021		
5,200.00	4,778.90	4,746.70	4,746.02	39.28	2.01	-153.28	551.12	-1,035.57	849.27	822.14	27.13	31.303		
5,300.00	4,868.42	4,832.66	4,831.98	40.18	2.03	-154.48	551.25	-1,035.82	889.84	862.51	27.32	32.566		
5,400.00	4,957.95	4,919.89	4,919.20	41.07	2.04	-155.59	551.06	-1,036.13	931.02	903.48	27.54	33.805		
5,500.00	5,047.48	5,006.84	5,006.16	41.97	2.05	-156.60	550.61	-1,036.48	972.72	944.95	27.77	35.030		
5,600.00	5,137.01	5,094.32	5,093.63	42.87	2.06	-157.52	549.92	-1,036.87	1,014.88	986.86	28.02	36.225		
5,700.00	5,226.54	5,183.07	5,182.37	43.77	2.06	-158.38	549.06	-1,037.34	1,057.37	1,029.08	28.29	37.377		
5,800.00	5,316.07	5,269.08	5,268.37	44.67	2.06	-159.15	548.06	-1,037.84	1,100.18	1,071.62	28.56	38.526		
5,900.00	5,405.59	5,359.20	5,358.48	45.57	2.07	-159.88	546.75	-1,038.45	1,143.35	1,114.48	28.87	39.605		
6,000.00	5,495.12	5,445.32	5,444.59	46.47	2.07	-160.52	545.50	-1,039.25	1,186.56	1,157.39	29.17	40.682		
6,100.00	5,584.65	5,530.77	5,530.02	47.37	2.07	-161.11	543.80	-1,039.86	1,230.40	1,200.93	29.47	41.753		
6,200.00	5,674.18	5,631.41	5,630.65	48.27	2.07	-161.79	542.44	-1,040.12	1,274.05	1,244.18	29.87	42.652		
6,300.00	5,763.71	5,732.63	5,731.87	49.16	2.07	-162.52	543.15	-1,039.16	1,316.69	1,286.43	30.26	43.508		
6,400.00	5,853.23	5,817.46	5,816.68	50.06	2.07	-163.13	544.12	-1,037.77	1,359.44	1,328.88	30.56	44.483		
6,500.00	5,942.76	5,902.83	5,902.02	50.96	2.08	-163.72	545.04	-1,035.96	1,402.60	1,371.73	30.86	45.446		
6,600.00	6,032.29	5,989.87	5,989.03	51.86	2.08	-164.31	546.01	-1,033.70	1,446.07	1,414.89	31.18	46.382		
6,700.00	6,121.82	6,075.45	6,074.53	52.76	2.08	-164.90	547.42	-1,030.41	1,489.82	1,458.34	31.48	47.330		
6,800.00	6,211.35	6,169.14	6,168.02	53.66	2.09	-165.60	550.11	-1,024.89	1,533.76	1,501.95	31.81	48.215		
6,900.00	6,300.88	6,261.25	6,259.93	54.56	2.09	-166.25	553.04	-1,019.71	1,577.48	1,545.34	32.15	49.074		
7,000.00	6,390.40	6,363.31	6,361.95	55.46	2.10	-166.78	554.52	-1,017.37	1,621.06	1,588.47	32.59	49.747		
7,100.00	6,479.90	6,461.83	6,460.47	56.36	2.12	-165.01	555.57	-1,017.40	1,663.90	1,630.86	33.04	50.365		
7,200.00	6,565.62	6,549.52	6,548.14	57.41	2.14	-149.90	556.00	-1,018.52	1,711.03	1,677.58	33.44	51.159		
7,300.00	6,643.25	6,626.79	6,625.40	58.67	2.16	-138.47	556.22	-1,019.78	1,764.66	1,730.86	33.81	52.196		
7,400.00	6,710.45	6,690.87	6,689.48	60.11	2.18	-128.61	556.26	-1,020.82	1,823.99	1,789.88	34.11	53.474		
7,500.00	6,765.16	6,745.92	6,744.52	61.71	2.19	-119.32	556.17	-1,021.73	1,887.91	1,853.53	34.38	54.920		
7,600.00	6,805.74	6,787.84	6,786.43	63.40	2.20	-110.00	556.04	-1,022.49	1,955.15	1,920.57	34.58	56.539		
7,700.00	6,830.93	6,814.60	6,813.19	65.14	2.21	-100.55	555.92	-1,023.00	2,024.33	1,989.63	34.71	58.322		
7,800.00	6,839.98	6,825.44	6,824.03	66.86	2.21	-91.26	555.87	-1,023.22	2,093.87	2,059.11	34.76	60.242		
7,900.00	6,840.00	6,827.41	6,825.99	68.58	2.21	-90.87	555.86	-1,023.26	2,164.01	2,129.23	34.78	62.223		
8,000.00	6,840.00	6,829.36	6,827.94	70.35	2.21	-90.94	555.85	-1,023.29	2,236.41	2,201.59	34.82	64.223		
8,100.00	6,840.00	6,831.31	6,829.90	72.18	2.21	-91.02	555.84	-1,023.33	2,310.87	2,275.99	34.88	66.243		
8,200.00	6,840.00	6,833.27	6,831.86	74.06	2.21	-91.09	555.84	-1,023.37	2,387.20	2,352.24	34.96	68.280		
8,300.00	6,840.00	6,835.24	6,833.82	75.98	2.21	-91.16	555.83	-1,023.41	2,465.22	2,430.17	35.05	70.333		
8,400.00	6,840.00	6,837.21	6,835.79	77.96	2.21	-91.24	555.82	-1,023.45	2,544.78	2,509.63	35.15	72.402		
8,500.00	6,840.00	6,839.19	6,837.77	79.97	2.21	-91.31	555.81	-1,023.49	2,625.73	2,590.48	35.25	74.483		
8,600.00	6,840.00	6,841.17	6,839.75	82.03	2.21	-91.39	555.80	-1,023.53	2,707.96	2,672.59	35.36	76.578		
8,700.00	6,840.00	6,843.16	6,841.73	84.12	2.21	-91.46	555.79	-1,023.57	2,791.34	2,755.87	35.48	78.684		
8,800.00	6,840.00	6,845.15	6,843.73	86.25	2.21	-91.54	555.78	-1,023.61	2,875.78	2,840.19	35.59	80.801		
8,900.00	6,840.00	6,847.15	6,845.72	88.41	2.21	-91.61	555.76	-1,023.65	2,961.19	2,925.49	35.71	82.928		
9,000.00	6,840.00	6,849.15	6,847.73	90.60	2.21	-91.69	555.75	-1,023.69	3,047.49	3,011.66	35.83	85.063		
9,100.00	6,840.00	6,851.16	6,849.73	92.82	2.21	-91.76	555.74	-1,023.73	3,134.60	3,098.66	35.94	87.207		
9,200.00	6,840.00	6,853.17	6,851.75	95.07	2.21	-91.84	555.73	-1,023.77	3,222.46	3,186.40	36.06	89.358		
9,300.00	6,840.00	6,855.19	6,853.77	97.34	2.21	-91.92	555.72	-1,023.81	3,311.00	3,274.82	36.18	91.516		
9,400.00	6,840.00	6,857.22	6,855.79	99.64	2.22	-91.99	555.71	-1,023.85	3,400.18	3,363.89	36.30	93.680		
9,500.00	6,840.00	6,859.25	6,857.82	101.95	2.22	-92.07	555.70	-1,023.89	3,489.95	3,453.54	36.41	95.849		
9,600.00	6,840.00	6,861.28	6,859.86	104.29	2.22	-92.15	555.69	-1,023.93	3,580.25	3,543.73	36.52	98.022		
9,700.00	6,840.00	6,863.32	6,861.90	106.64	2.22	-92.22	555.68	-1,023.97	3,671.06	3,634.42	36.64	100.200		
9,800.00	6,840.00	6,865.37	6,863.95	109.02	2.22	-92.30	555.67	-1,024.01	3,762.33	3,725.58	36.75	102.381		
9,900.00	6,840.00	6,867.42	6,866.00	111.41	2.22	-92.38	555.66	-1,024.05	3,854.04	3,817.18	36.86	104.564		
10,000.00	6,840.00	6,869.48	6,868.06	113.81	2.22	-92.46	555.64	-1,024.10	3,946.14	3,909.18	36.97	106.750		
10,100.00	6,840.00	6,871.55	6,870.12	116.23	2.22	-92.53	555.63	-1,024.14	4,038.62	4,001.55	37.07	108.938		
10,200.00	6,840.00	6,873.62	6,872.19	118.67	2.22	-92.61	555.62	-1,024.18	4,131.45	4,094.28	37.18	111.126		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,875.69	6,874.27	121.11	2.22	-92.69	555.61	-1,024.22	4,224.61	4,187.33	37.28	113.316		
10,400.00	6,840.00	6,877.78	6,876.35	123.57	2.22	-92.77	555.60	-1,024.27	4,318.07	4,280.69	37.38	115.506		
10,500.00	6,840.00	6,879.86	6,878.43	126.04	2.22	-92.85	555.58	-1,024.31	4,411.82	4,374.34	37.49	117.695		
10,600.00	6,840.00	6,881.96	6,880.53	128.52	2.22	-92.92	555.57	-1,024.35	4,505.84	4,468.25	37.58	119.884		
10,700.00	6,840.00	6,884.05	6,882.63	131.01	2.22	-93.00	555.56	-1,024.39	4,600.10	4,562.42	37.68	122.073		
10,800.00	6,840.00	6,886.16	6,884.73	133.51	2.22	-93.08	555.55	-1,024.44	4,694.61	4,656.83	37.78	124.260		
10,900.00	6,840.00	6,888.27	6,886.84	136.02	2.22	-93.16	555.53	-1,024.48	4,789.33	4,751.46	37.88	126.445		
11,000.00	6,840.00	6,890.39	6,888.96	138.53	2.22	-93.24	555.52	-1,024.52	4,884.27	4,846.30	37.97	128.629		
11,100.00	6,840.00	6,892.51	6,891.08	141.06	2.22	-93.32	555.51	-1,024.57	4,979.40	4,941.33	38.07	130.810		
11,200.00	6,840.00	6,894.64	6,893.21	143.59	2.22	-93.40	555.49	-1,024.61	5,074.72	5,036.56	38.16	132.989		
11,300.00	6,840.00	6,896.77	6,895.34	146.13	2.22	-93.48	555.48	-1,024.66	5,170.21	5,131.96	38.25	135.166		
11,400.00	6,840.00	6,898.91	6,897.48	148.68	2.22	-93.56	555.47	-1,024.70	5,265.87	5,227.53	38.34	137.339		
11,500.00	6,840.00	6,901.06	6,899.62	151.23	2.22	-93.64	555.45	-1,024.74	5,361.69	5,323.26	38.43	139.509		
11,600.00	6,840.00	6,903.21	6,901.78	153.79	2.22	-93.72	555.44	-1,024.79	5,457.66	5,419.14	38.52	141.675		
11,700.00	6,840.00	6,905.37	6,903.93	156.35	2.23	-93.81	555.43	-1,024.83	5,553.77	5,515.16	38.61	143.838		
11,800.00	6,840.00	6,907.53	6,906.10	158.92	2.23	-93.89	555.41	-1,024.88	5,650.01	5,611.31	38.70	145.996		
11,900.00	6,840.00	6,909.70	6,908.27	161.49	2.23	-93.97	555.40	-1,024.92	5,746.38	5,707.60	38.79	148.151		
12,000.00	6,840.00	6,911.88	6,910.44	164.07	2.23	-94.05	555.38	-1,024.97	5,842.88	5,804.00	38.87	150.301		
12,100.00	6,840.00	6,910.68	6,909.24	166.66	2.23	-94.00	555.39	-1,024.94	5,939.49	5,900.54	38.94	152.511		
12,200.00	6,840.00	6,912.28	6,910.84	169.25	2.23	-94.06	555.38	-1,024.97	6,036.21	5,997.18	39.03	154.663		
12,300.00	6,840.00	6,913.87	6,912.43	171.84	2.23	-94.12	555.37	-1,025.00	6,133.03	6,093.92	39.11	156.811		
12,400.00	6,840.00	6,915.45	6,914.01	174.44	2.23	-94.18	555.36	-1,025.04	6,229.95	6,190.76	39.19	158.955		
12,500.00	6,840.00	6,917.02	6,915.58	177.04	2.23	-94.24	555.35	-1,025.07	6,326.97	6,287.70	39.28	161.094		
12,600.00	6,840.00	6,918.57	6,917.14	179.64	2.23	-94.30	555.34	-1,025.10	6,424.08	6,384.72	39.36	163.227		
12,700.00	6,840.00	6,920.12	6,918.68	182.25	2.23	-94.36	555.33	-1,025.13	6,521.28	6,481.84	39.44	165.356		
12,800.00	6,840.00	6,921.66	6,920.22	184.86	2.23	-94.42	555.32	-1,025.16	6,618.56	6,579.04	39.52	167.480		
12,900.00	6,840.00	6,923.18	6,921.74	187.47	2.23	-94.47	555.31	-1,025.19	6,715.92	6,676.32	39.60	169.598		
13,000.00	6,840.00	6,924.70	6,923.26	190.09	2.23	-94.53	555.30	-1,025.22	6,813.35	6,773.67	39.68	171.711		
13,100.00	6,840.00	6,926.20	6,924.76	192.71	2.23	-94.59	555.29	-1,025.25	6,910.86	6,871.10	39.76	173.818		
13,200.00	6,840.00	6,927.69	6,926.26	195.34	2.23	-94.64	555.28	-1,025.28	7,008.44	6,968.60	39.84	175.920		
13,300.00	6,840.00	6,929.18	6,927.74	197.96	2.23	-94.70	555.28	-1,025.31	7,106.08	7,066.16	39.92	178.016		
13,400.00	6,840.00	6,930.65	6,929.21	200.59	2.23	-94.75	555.27	-1,025.34	7,203.79	7,163.79	40.00	180.106		
13,500.00	6,840.00	6,932.12	6,930.68	203.22	2.23	-94.81	555.26	-1,025.36	7,301.56	7,261.48	40.08	182.190		
13,600.00	6,840.00	6,933.57	6,932.13	205.85	2.23	-94.86	555.25	-1,025.39	7,399.39	7,359.23	40.16	184.268		
13,700.00	6,840.00	6,935.02	6,933.58	208.49	2.23	-94.92	555.24	-1,025.42	7,497.28	7,457.04	40.23	186.340		
13,800.00	6,840.00	6,936.45	6,935.01	211.13	2.23	-94.97	555.23	-1,025.45	7,595.22	7,554.90	40.31	188.405		
13,900.00	6,840.00	6,937.88	6,936.44	213.77	2.23	-95.02	555.22	-1,025.47	7,693.21	7,652.82	40.39	190.464		
14,000.00	6,840.00	6,939.29	6,937.85	216.41	2.23	-95.08	555.21	-1,025.50	7,791.26	7,750.78	40.47	192.517		
14,100.00	6,840.00	6,940.70	6,939.26	219.06	2.23	-95.13	555.20	-1,025.53	7,889.35	7,848.80	40.55	194.563		
14,200.00	6,840.00	6,942.10	6,940.66	221.70	2.23	-95.18	555.19	-1,025.55	7,987.49	7,946.86	40.63	196.603		
14,300.00	6,840.00	6,943.49	6,942.05	224.35	2.23	-95.23	555.18	-1,025.58	8,085.67	8,044.97	40.71	198.636		
14,400.00	6,840.00	6,944.87	6,943.42	227.00	2.23	-95.29	555.18	-1,025.61	8,183.90	8,143.12	40.78	200.662		
14,500.00	6,840.00	6,946.24	6,944.80	229.65	2.23	-95.34	555.17	-1,025.63	8,282.17	8,241.31	40.86	202.682		
14,600.00	6,840.00	6,947.60	6,946.16	232.30	2.23	-95.39	555.16	-1,025.66	8,380.49	8,339.54	40.94	204.694		
14,700.00	6,840.00	6,948.95	6,947.51	234.96	2.23	-95.44	555.15	-1,025.68	8,478.84	8,437.82	41.02	206.700		
14,800.00	6,840.00	6,950.30	6,948.85	237.61	2.23	-95.49	555.14	-1,025.71	8,577.23	8,536.13	41.10	208.699		
14,900.00	6,840.00	6,951.63	6,950.19	240.27	2.23	-95.54	555.13	-1,025.73	8,675.65	8,634.47	41.18	210.691		
15,000.00	6,840.00	6,952.96	6,951.52	242.93	2.23	-95.59	555.12	-1,025.76	8,774.11	8,732.86	41.26	212.675		
15,100.00	6,840.00	6,954.28	6,952.83	245.59	2.23	-95.64	555.12	-1,025.78	8,872.61	8,831.27	41.33	214.653		
15,200.00	6,840.00	6,955.59	6,954.14	248.25	2.23	-95.69	555.11	-1,025.80	8,971.13	8,929.72	41.41	216.623		
15,300.00	6,840.00	6,956.89	6,955.45	250.92	2.24	-95.74	555.10	-1,025.83	9,069.69	9,028.20	41.49	218.586		
15,400.00	6,840.00	6,958.18	6,956.74	253.58	2.24	-95.78	555.09	-1,025.85	9,168.28	9,126.71	41.57	220.542		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	6,959.47	6,958.02	256.25	2.24	-95.83	555.08	-1,025.87	9,266.91	9,225.25	41.65	222.491	
15,600.00	6,840.00	6,960.75	6,959.30	258.91	2.24	-95.88	555.07	-1,025.90	9,365.56	9,323.83	41.73	224.432	
15,700.00	6,840.00	6,962.02	6,960.57	261.58	2.24	-95.93	555.07	-1,025.92	9,464.23	9,422.42	41.81	226.366	
15,800.00	6,840.00	6,963.28	6,961.83	264.25	2.24	-95.97	555.06	-1,025.94	9,562.94	9,521.05	41.89	228.292	
15,900.00	6,840.00	6,964.53	6,963.09	266.92	2.24	-96.02	555.05	-1,025.97	9,661.67	9,619.70	41.97	230.211	
16,000.00	6,840.00	6,965.78	6,964.33	269.59	2.24	-96.07	555.04	-1,025.99	9,760.43	9,718.38	42.05	232.122	
16,100.00	6,840.00	6,967.02	6,965.57	272.26	2.24	-96.11	555.03	-1,026.01	9,859.21	9,817.08	42.13	234.026	
16,200.00	6,840.00	6,968.25	6,966.80	274.94	2.24	-96.16	555.03	-1,026.03	9,958.01	9,915.81	42.21	235.922	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-156.82	-2,178.16	-932.52	2,369.64					
100.00	100.00	70.88	70.88	0.13	0.07	-156.82	-2,178.07	-932.51	2,369.30	2,369.09	0.21	N/A		
200.00	200.00	169.24	169.24	0.49	0.15	-156.82	-2,177.83	-932.38	2,369.03	2,368.38	0.65	3,661.795		
300.00	300.00	267.01	267.01	0.85	0.24	-156.83	-2,177.90	-931.95	2,368.92	2,367.82	1.09	2,167.245		
306.29	306.29	273.26	273.26	0.87	0.25	-112.20	-2,177.90	-931.92	2,368.91	2,367.79	1.12	2,111.898	CC, ES	
400.00	399.98	364.55	364.55	1.21	0.32	-112.24	-2,178.00	-931.60	2,369.53	2,368.00	1.53	1,552.582		
500.00	499.84	468.83	468.82	1.57	0.35	-112.33	-2,178.05	-931.43	2,371.50	2,369.59	1.91	1,238.969		
600.00	599.45	569.77	569.77	1.94	0.38	-112.46	-2,177.76	-931.48	2,374.59	2,372.28	2.31	1,026.304		
700.00	698.70	658.79	658.79	2.32	0.40	-112.62	-2,177.73	-931.39	2,379.23	2,376.52	2.71	877.223		
800.00	797.47	750.95	750.95	2.73	0.42	-112.82	-2,178.10	-931.52	2,385.76	2,382.62	3.14	759.766		
900.00	895.62	848.94	848.93	3.16	0.46	-113.09	-2,178.56	-931.64	2,393.80	2,390.20	3.61	663.680		
1,000.00	993.06	954.71	954.70	3.63	0.49	-113.43	-2,178.81	-932.18	2,403.30	2,399.21	4.09	587.456		
1,100.00	1,089.64	1,058.86	1,058.85	4.14	0.52	-113.82	-2,178.65	-932.32	2,413.87	2,409.26	4.62	522.994		
1,200.00	1,185.27	1,149.77	1,149.77	4.70	0.54	-114.17	-2,178.48	-932.43	2,426.09	2,420.92	5.16	469.850		
1,300.00	1,279.82	1,240.09	1,240.09	5.30	0.56	-114.54	-2,178.59	-932.56	2,440.31	2,434.57	5.74	424.851		
1,400.00	1,373.17	1,335.30	1,335.29	5.96	0.59	-114.97	-2,178.63	-932.89	2,456.34	2,449.96	6.38	385.055		
1,500.00	1,465.21	1,427.80	1,427.79	6.67	0.62	-115.41	-2,178.60	-933.26	2,474.23	2,467.17	7.06	350.526		
1,600.00	1,555.84	1,517.52	1,517.50	7.44	0.66	-115.84	-2,178.54	-933.84	2,494.13	2,486.35	7.78	320.686		
1,700.00	1,645.41	1,607.71	1,607.69	8.26	0.69	-116.57	-2,178.42	-934.62	2,515.65	2,507.12	8.52	295.096		
1,800.00	1,734.94	1,700.32	1,700.30	9.09	0.72	-117.41	-2,178.24	-935.41	2,537.73	2,528.45	9.28	273.542		
1,900.00	1,824.47	1,784.82	1,784.79	9.94	0.75	-118.16	-2,178.09	-936.26	2,560.42	2,550.39	10.03	255.392		
2,000.00	1,913.99	1,870.61	1,870.58	10.80	0.78	-118.91	-2,178.04	-937.39	2,583.81	2,573.04	10.77	239.862		
2,100.00	2,003.52	1,979.93	1,979.89	11.66	0.82	-119.84	-2,177.80	-938.76	2,607.61	2,596.08	11.52	226.270		
2,200.00	2,093.05	2,067.07	2,067.03	12.53	0.85	-120.58	-2,177.20	-939.44	2,631.39	2,619.13	12.26	214.616		
2,300.00	2,182.58	2,150.01	2,149.96	13.40	0.88	-121.28	-2,176.94	-939.92	2,655.96	2,642.97	12.99	204.477		
2,400.00	2,272.11	2,233.82	2,233.77	14.28	0.90	-121.97	-2,176.86	-940.36	2,681.22	2,667.51	13.71	195.568		
2,500.00	2,361.63	2,318.99	2,318.94	15.16	0.93	-122.67	-2,176.97	-940.92	2,707.18	2,692.76	14.42	187.691		
2,600.00	2,451.16	2,411.70	2,411.65	16.04	0.96	-123.41	-2,177.02	-941.62	2,733.55	2,718.41	15.13	180.615		
2,700.00	2,540.69	2,483.91	2,483.86	16.92	0.98	-123.98	-2,177.28	-942.19	2,760.65	2,744.83	15.82	174.493		
2,800.00	2,630.22	2,588.98	2,588.92	17.81	1.01	-124.80	-2,177.83	-942.98	2,788.36	2,771.83	16.52	168.754		
2,900.00	2,719.75	2,675.85	2,675.79	18.70	1.04	-125.46	-2,177.95	-943.54	2,816.12	2,798.92	17.21	163.672		
3,000.00	2,809.28	2,768.99	2,768.93	19.58	1.07	-126.16	-2,178.16	-944.17	2,844.38	2,826.49	17.89	159.033		
3,100.00	2,898.80	2,856.46	2,856.39	20.47	1.10	-126.80	-2,178.23	-945.00	2,872.93	2,854.38	18.55	154.847		
3,200.00	2,988.33	2,942.09	2,942.01	21.36	1.13	-127.41	-2,178.44	-945.94	2,902.04	2,882.82	19.21	151.050		
3,300.00	3,077.86	3,025.79	3,025.71	22.26	1.16	-128.00	-2,178.71	-947.10	2,931.60	2,911.74	19.86	147.604		
3,400.00	3,167.39	3,100.00	3,099.91	23.15	1.17	-128.52	-2,179.31	-947.65	2,961.91	2,941.42	20.49	144.569		
3,500.00	3,256.92	3,194.06	3,193.96	24.04	1.20	-129.17	-2,180.26	-948.01	2,992.74	2,971.61	21.13	141.637		
3,600.00	3,346.44	3,291.74	3,291.64	24.93	1.22	-129.83	-2,181.01	-948.48	3,023.73	3,001.96	21.77	138.902		
3,700.00	3,435.97	3,391.97	3,391.88	25.83	1.23	-130.51	-2,181.49	-948.58	3,054.77	3,032.38	22.39	136.421		
3,800.00	3,525.50	3,479.46	3,479.36	26.72	1.24	-131.11	-2,181.78	-947.66	3,086.02	3,063.02	23.00	134.175		
3,900.00	3,615.03	3,554.56	3,554.44	27.62	1.24	-131.63	-2,182.21	-946.03	3,117.81	3,094.23	23.58	132.196		
4,000.00	3,704.56	3,623.51	3,623.37	28.51	1.25	-132.10	-2,182.98	-944.39	3,150.46	3,126.30	24.15	130.430		
4,100.00	3,794.09	3,687.85	3,687.67	29.41	1.25	-132.53	-2,184.16	-942.86	3,184.08	3,159.37	24.71	128.858		
4,200.00	3,883.61	3,766.16	3,765.95	30.30	1.26	-133.05	-2,186.05	-941.33	3,218.54	3,193.27	25.27	127.342		
4,300.00	3,973.14	3,836.99	3,836.74	31.20	1.27	-133.49	-2,187.98	-940.64	3,253.59	3,227.76	25.83	125.980		
4,400.00	4,062.67	3,900.00	3,899.72	32.10	1.28	-133.88	-2,190.19	-940.40	3,289.58	3,263.21	26.36	124.788		
4,500.00	4,152.20	3,984.62	3,984.27	32.99	1.31	-134.37	-2,193.55	-940.72	3,326.22	3,299.30	26.92	123.544		
4,600.00	4,241.73	4,081.44	4,081.00	33.89	1.33	-134.91	-2,197.40	-942.09	3,363.08	3,335.57	27.50	122.278		
4,700.00	4,331.26	4,179.98	4,179.45	34.79	1.36	-135.43	-2,201.10	-944.55	3,399.90	3,371.81	28.09	121.052		
4,800.00	4,420.78	4,297.56	4,296.89	35.69	1.40	-136.02	-2,204.97	-948.49	3,436.47	3,407.77	28.70	119.736		
4,900.00	4,510.31	4,413.26	4,412.50	36.58	1.43	-136.58	-2,207.81	-952.11	3,472.49	3,443.18	29.31	118.494		
5,000.00	4,599.84	4,498.89	4,498.06	37.48	1.46	-136.99	-2,209.69	-954.90	3,508.45	3,478.60	29.86	117.511		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,607.64	4,606.74	38.38	1.49	-137.51	-2,211.78	-958.37	3,544.37	3,513.93	30.44	116.432		
5,200.00	4,778.90	4,712.36	4,711.40	39.28	1.52	-138.00	-2,213.27	-961.16	3,580.06	3,549.05	31.01	115.440		
5,300.00	4,868.42	4,840.84	4,839.84	40.18	1.56	-138.59	-2,214.16	-964.45	3,615.32	3,583.70	31.61	114.358		
5,400.00	4,957.95	5,019.43	5,018.38	41.07	1.60	-139.42	-2,212.09	-967.79	3,649.16	3,616.89	32.27	113.081		
5,500.00	5,047.48	5,121.47	5,120.38	41.97	1.61	-139.90	-2,209.15	-968.57	3,681.72	3,648.91	32.80	112.231		
5,600.00	5,137.01	5,181.59	5,180.48	42.87	1.61	-140.18	-2,207.59	-968.37	3,714.88	3,681.61	33.28	111.640		
5,700.00	5,226.54	5,294.72	5,293.55	43.77	1.61	-140.74	-2,204.81	-966.73	3,748.54	3,714.74	33.81	110.880		
5,800.00	5,316.07	5,350.23	5,349.03	44.67	1.61	-141.02	-2,203.29	-965.24	3,782.31	3,748.06	34.26	110.413		
5,900.00	5,405.59	5,400.00	5,398.76	45.57	1.61	-141.27	-2,202.36	-963.43	3,817.19	3,782.50	34.69	110.044		
6,000.00	5,495.12	5,460.23	5,458.94	46.47	1.61	-141.58	-2,201.74	-961.07	3,853.08	3,817.95	35.13	109.688		
6,100.00	5,584.65	5,525.33	5,523.99	47.37	1.61	-141.90	-2,201.64	-958.77	3,889.86	3,854.29	35.57	109.356		
6,200.00	5,674.18	5,612.32	5,610.96	48.27	1.61	-142.31	-2,201.92	-956.49	3,927.14	3,891.10	36.05	108.947		
6,300.00	5,763.71	5,750.47	5,749.09	49.16	1.61	-142.92	-2,201.54	-954.43	3,963.86	3,927.26	36.60	108.291		
6,400.00	5,853.23	5,855.95	5,854.56	50.06	1.61	-143.37	-2,200.60	-953.65	4,000.15	3,963.04	37.11	107.791		
6,500.00	5,942.76	5,946.05	5,944.66	50.96	1.62	-143.74	-2,199.65	-953.34	4,036.37	3,998.79	37.59	107.382		
6,600.00	6,032.29	6,028.08	6,026.68	51.86	1.63	-144.06	-2,199.08	-953.86	4,072.90	4,034.84	38.06	107.023		
6,700.00	6,121.82	6,113.55	6,112.14	52.76	1.65	-144.39	-2,198.68	-954.64	4,109.71	4,071.18	38.53	106.657		
6,800.00	6,211.35	6,215.71	6,214.30	53.66	1.67	-144.77	-2,198.10	-955.66	4,146.56	4,107.52	39.04	106.223		
6,900.00	6,300.88	6,302.82	6,301.40	54.56	1.69	-145.09	-2,197.52	-956.48	4,183.45	4,143.94	39.51	105.881		
7,000.00	6,390.40	6,372.94	6,371.52	55.46	1.70	-145.34	-2,197.21	-957.07	4,220.70	4,180.75	39.95	105.649		
7,100.00	6,479.90	6,449.43	6,448.00	56.36	1.72	-143.45	-2,197.18	-957.58	4,258.46	4,218.06	40.40	105.410		
7,200.00	6,565.62	6,530.16	6,528.73	57.41	1.74	-128.67	-2,197.27	-957.93	4,297.58	4,256.64	40.94	104.972		
7,300.00	6,643.25	6,610.58	6,609.15	58.67	1.76	-118.26	-2,197.40	-958.40	4,337.95	4,296.33	41.62	104.218		
7,400.00	6,710.45	6,679.59	6,678.17	60.11	1.78	-110.33	-2,197.47	-958.78	4,378.77	4,336.35	42.42	103.230		
7,500.00	6,765.16	6,732.76	6,731.34	61.71	1.79	-103.89	-2,197.49	-958.97	4,419.35	4,376.06	43.29	102.078		
7,600.00	6,805.74	6,770.79	6,769.36	63.40	1.80	-98.49	-2,197.51	-959.05	4,459.01	4,414.79	44.23	100.817		
7,700.00	6,830.93	6,794.30	6,792.88	65.14	1.81	-93.92	-2,197.53	-959.07	4,496.96	4,451.77	45.19	99.510		
7,800.00	6,839.98	6,802.73	6,801.30	66.86	1.81	-90.12	-2,197.54	-959.07	4,532.34	4,486.20	46.14	98.227		
7,900.00	6,840.00	6,802.78	6,801.35	68.58	1.81	-89.95	-2,197.54	-959.07	4,566.84	4,519.76	47.08	96.995		
8,000.00	6,840.00	6,802.81	6,801.38	70.35	1.81	-89.95	-2,197.54	-959.07	4,603.25	4,555.21	48.05	95.811		
8,100.00	6,840.00	6,802.84	6,801.41	72.18	1.81	-89.95	-2,197.54	-959.07	4,641.53	4,592.51	49.02	94.685		
8,200.00	6,840.00	6,802.87	6,801.44	74.06	1.81	-89.95	-2,197.54	-959.07	4,681.63	4,631.62	50.00	93.624		
8,300.00	6,840.00	6,802.90	6,801.47	75.98	1.81	-89.95	-2,197.54	-959.07	4,723.50	4,672.51	50.99	92.631		
8,400.00	6,840.00	6,802.93	6,801.50	77.96	1.81	-89.95	-2,197.54	-959.07	4,767.11	4,715.13	51.98	91.709		
8,500.00	6,840.00	6,802.96	6,801.53	79.97	1.81	-89.95	-2,197.54	-959.07	4,812.40	4,759.44	52.97	90.858		
8,600.00	6,840.00	6,802.99	6,801.56	82.03	1.81	-89.95	-2,197.54	-959.07	4,859.33	4,805.38	53.95	90.079		
8,700.00	6,840.00	6,803.02	6,801.59	84.12	1.81	-89.95	-2,197.54	-959.07	4,907.84	4,852.93	54.92	89.371		
8,800.00	6,840.00	6,803.05	6,801.62	86.25	1.81	-89.95	-2,197.54	-959.07	4,957.90	4,902.03	55.87	88.733		
8,900.00	6,840.00	6,803.08	6,801.66	88.41	1.81	-89.96	-2,197.54	-959.07	5,009.46	4,952.64	56.82	88.164		
9,000.00	6,840.00	6,803.11	6,801.69	90.60	1.81	-89.96	-2,197.54	-959.07	5,062.46	5,004.71	57.75	87.660		
9,100.00	6,840.00	6,803.14	6,801.72	92.82	1.81	-89.96	-2,197.54	-959.07	5,116.87	5,058.20	58.67	87.220		
9,200.00	6,840.00	6,803.17	6,801.75	95.07	1.81	-89.96	-2,197.54	-959.07	5,172.64	5,113.08	59.56	86.842		
9,300.00	6,840.00	6,803.20	6,801.78	97.34	1.81	-89.96	-2,197.54	-959.07	5,229.73	5,169.29	60.44	86.523		
9,400.00	6,840.00	6,803.23	6,801.81	99.64	1.81	-89.96	-2,197.54	-959.07	5,288.09	5,226.79	61.30	86.260		
9,500.00	6,840.00	6,803.26	6,801.84	101.95	1.81	-89.96	-2,197.54	-959.07	5,347.69	5,285.54	62.15	86.051		
9,600.00	6,840.00	6,803.30	6,801.87	104.29	1.81	-89.96	-2,197.54	-959.07	5,408.48	5,345.51	62.97	85.893		
9,700.00	6,840.00	6,803.33	6,801.90	106.64	1.81	-89.96	-2,197.54	-959.07	5,470.42	5,406.65	63.77	85.785		
9,800.00	6,840.00	6,803.36	6,801.93	109.02	1.81	-89.96	-2,197.54	-959.07	5,533.48	5,468.93	64.55	85.723		
9,900.00	6,840.00	6,803.39	6,801.96	111.41	1.81	-89.96	-2,197.54	-959.07	5,597.61	5,532.30	65.31	85.706 SF		
10,000.00	6,840.00	6,803.42	6,801.99	113.81	1.81	-89.96	-2,197.54	-959.07	5,662.78	5,596.73	66.05	85.730		
10,100.00	6,840.00	6,803.45	6,802.02	116.23	1.81	-89.96	-2,197.54	-959.07	5,728.96	5,662.18	66.77	85.795		
10,200.00	6,840.00	6,803.48	6,802.06	118.67	1.81	-89.96	-2,197.54	-959.07	5,796.10	5,728.62	67.48	85.898		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,300.00	6,840.00	6,803.51	6,802.09	121.11	1.81	-89.96	-2,197.54	-959.07	5,864.18	5,796.02	68.16	86.037		
10,400.00	6,840.00	6,803.54	6,802.12	123.57	1.81	-89.96	-2,197.54	-959.07	5,933.17	5,864.35	68.82	86.210		
10,500.00	6,840.00	6,803.57	6,802.15	126.04	1.81	-89.96	-2,197.54	-959.07	6,003.03	5,933.56	69.47	86.416		
10,600.00	6,840.00	6,803.60	6,802.18	128.52	1.81	-89.96	-2,197.54	-959.07	6,073.73	6,003.64	70.09	86.653		
10,700.00	6,840.00	6,803.64	6,802.21	131.01	1.81	-89.96	-2,197.54	-959.07	6,145.25	6,074.55	70.70	86.919		
10,800.00	6,840.00	6,803.67	6,802.24	133.51	1.81	-89.96	-2,197.54	-959.07	6,217.55	6,146.26	71.29	87.214		
10,900.00	6,840.00	6,803.70	6,802.27	136.02	1.81	-89.96	-2,197.54	-959.07	6,290.61	6,218.75	71.86	87.535		
11,000.00	6,840.00	6,803.73	6,802.30	138.53	1.81	-89.96	-2,197.54	-959.07	6,364.40	6,291.98	72.42	87.881		
11,100.00	6,840.00	6,803.76	6,802.33	141.06	1.81	-89.96	-2,197.54	-959.07	6,438.91	6,365.94	72.96	88.251		
11,200.00	6,840.00	6,803.79	6,802.36	143.59	1.81	-89.96	-2,197.54	-959.07	6,514.09	6,440.60	73.49	88.645		
11,300.00	6,840.00	6,803.82	6,802.40	146.13	1.81	-89.97	-2,197.54	-959.07	6,589.93	6,515.94	73.99	89.060		
11,400.00	6,840.00	6,803.85	6,802.43	148.68	1.81	-89.97	-2,197.54	-959.07	6,666.41	6,591.93	74.49	89.496		
11,500.00	6,840.00	6,803.88	6,802.46	151.23	1.81	-89.97	-2,197.54	-959.07	6,743.51	6,668.54	74.97	89.951		
11,600.00	6,840.00	6,803.91	6,802.49	153.79	1.81	-89.97	-2,197.54	-959.07	6,821.20	6,745.77	75.43	90.426		
11,700.00	6,840.00	6,803.95	6,802.52	156.35	1.81	-89.97	-2,197.54	-959.07	6,899.47	6,823.58	75.89	90.918		
11,800.00	6,840.00	6,803.98	6,802.55	158.92	1.81	-89.97	-2,197.54	-959.07	6,978.29	6,901.96	76.33	91.427		
11,900.00	6,840.00	6,804.01	6,802.58	161.49	1.81	-89.97	-2,197.54	-959.07	7,057.65	6,980.89	76.75	91.953		
12,000.00	6,840.00	6,804.04	6,802.61	164.07	1.81	-89.97	-2,197.54	-959.07	7,137.52	7,060.36	77.17	92.495		
12,100.00	6,840.00	6,804.07	6,802.64	166.66	1.81	-89.97	-2,197.54	-959.07	7,217.90	7,140.33	77.57	93.051		
12,200.00	6,840.00	6,804.10	6,802.68	169.25	1.81	-89.97	-2,197.54	-959.07	7,298.76	7,220.80	77.96	93.621		
12,300.00	6,840.00	6,804.13	6,802.71	171.84	1.81	-89.97	-2,197.54	-959.07	7,380.09	7,301.75	78.34	94.205		
12,400.00	6,840.00	6,804.16	6,802.74	174.44	1.81	-89.97	-2,197.54	-959.07	7,461.88	7,383.17	78.71	94.803		
12,500.00	6,840.00	6,804.20	6,802.77	177.04	1.81	-89.97	-2,197.54	-959.07	7,544.10	7,465.04	79.07	95.412		
12,600.00	6,840.00	6,804.23	6,802.80	179.64	1.81	-89.97	-2,197.54	-959.07	7,626.75	7,547.34	79.42	96.033		
12,700.00	6,840.00	6,804.26	6,802.83	182.25	1.81	-89.97	-2,197.54	-959.07	7,709.81	7,630.06	79.76	96.666		
12,800.00	6,840.00	6,804.29	6,802.86	184.86	1.81	-89.97	-2,197.54	-959.07	7,793.27	7,713.18	80.09	97.309		
12,900.00	6,840.00	6,804.32	6,802.90	187.47	1.81	-89.97	-2,197.54	-959.07	7,877.11	7,796.71	80.41	97.963		
13,000.00	6,840.00	6,804.35	6,802.93	190.09	1.81	-89.97	-2,197.54	-959.07	7,961.33	7,880.61	80.72	98.627		
13,100.00	6,840.00	6,804.38	6,802.96	192.71	1.81	-89.97	-2,197.54	-959.07	8,045.91	7,964.88	81.03	99.300		
13,200.00	6,840.00	6,804.41	6,802.99	195.34	1.81	-89.97	-2,197.54	-959.07	8,130.84	8,049.51	81.32	99.983		
13,300.00	6,840.00	6,804.45	6,803.02	197.96	1.81	-89.97	-2,197.54	-959.07	8,216.10	8,134.49	81.61	100.674		
13,400.00	6,840.00	6,804.48	6,803.05	200.59	1.81	-89.97	-2,197.54	-959.07	8,301.70	8,219.81	81.89	101.374		
13,500.00	6,840.00	6,804.51	6,803.08	203.22	1.81	-89.97	-2,197.54	-959.07	8,387.61	8,305.45	82.17	102.081		
13,600.00	6,840.00	6,804.54	6,803.12	205.85	1.81	-89.97	-2,197.54	-959.07	8,473.84	8,391.41	82.43	102.797		
13,700.00	6,840.00	6,804.57	6,803.15	208.49	1.81	-89.98	-2,197.54	-959.07	8,560.36	8,477.67	82.69	103.519		
13,800.00	6,840.00	6,804.60	6,803.18	211.13	1.81	-89.98	-2,197.54	-959.07	8,647.18	8,564.23	82.95	104.249		
13,900.00	6,840.00	6,804.64	6,803.21	213.77	1.81	-89.98	-2,197.54	-959.07	8,734.27	8,651.08	83.19	104.986		
14,000.00	6,840.00	6,804.67	6,803.24	216.41	1.81	-89.98	-2,197.54	-959.07	8,821.64	8,738.21	83.44	105.729		
14,100.00	6,840.00	6,804.70	6,803.27	219.06	1.81	-89.98	-2,197.54	-959.07	8,909.28	8,825.61	83.67	106.478		
14,200.00	6,840.00	6,804.73	6,803.30	221.70	1.81	-89.98	-2,197.54	-959.07	8,997.17	8,913.27	83.90	107.234		
14,300.00	6,840.00	6,804.76	6,803.34	224.35	1.81	-89.98	-2,197.54	-959.07	9,085.31	9,001.19	84.13	107.995		
14,400.00	6,840.00	6,804.79	6,803.37	227.00	1.81	-89.98	-2,197.54	-959.07	9,173.70	9,089.35	84.35	108.762		
14,500.00	6,840.00	6,804.82	6,803.40	229.65	1.81	-89.98	-2,197.54	-959.07	9,262.32	9,177.76	84.56	109.534		
14,600.00	6,840.00	6,804.86	6,803.43	232.30	1.81	-89.98	-2,197.54	-959.07	9,351.18	9,266.41	84.77	110.311		
14,700.00	6,840.00	6,804.89	6,803.46	234.96	1.81	-89.98	-2,197.54	-959.07	9,440.25	9,355.28	84.98	111.093		
14,800.00	6,840.00	6,804.92	6,803.49	237.61	1.81	-89.98	-2,197.54	-959.07	9,529.54	9,444.37	85.18	111.880		
14,900.00	6,840.00	6,804.95	6,803.53	240.27	1.81	-89.98	-2,197.54	-959.07	9,619.05	9,533.68	85.37	112.672		
15,000.00	6,840.00	6,804.98	6,803.56	242.93	1.81	-89.98	-2,197.54	-959.07	9,708.76	9,623.19	85.56	113.467		
15,100.00	6,840.00	6,805.02	6,803.59	245.59	1.81	-89.98	-2,197.54	-959.07	9,798.66	9,712.91	85.75	114.267		
15,200.00	6,840.00	6,805.05	6,803.62	248.25	1.81	-89.98	-2,197.54	-959.07	9,888.76	9,802.83	85.94	115.072		
15,300.00	6,840.00	6,805.08	6,803.65	250.92	1.81	-89.98	-2,197.54	-959.07	9,979.05	9,892.94	86.12	115.879		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-178.61	-2,095.84	-50.78	2,096.45					
100.00	100.00	97.28	97.28	0.13	0.17	-178.61	-2,095.88	-50.82	2,096.50	2,096.20	0.30	6,985.865		
200.00	200.00	195.54	195.54	0.49	0.33	-178.61	-2,096.00	-50.92	2,096.62	2,095.79	0.83	2,538.559		
300.00	300.00	293.80	293.80	0.85	0.50	-178.60	-2,096.20	-51.09	2,096.83	2,095.47	1.35	1,551.236		
400.00	399.98	394.86	394.86	1.21	0.81	-133.98	-2,096.43	-51.38	2,098.28	2,096.26	2.02	1,038.697		
500.00	499.84	496.84	496.84	1.57	1.17	-134.01	-2,096.57	-51.87	2,102.06	2,099.32	2.74	766.040		
600.00	599.45	598.61	598.61	1.94	1.54	-134.08	-2,096.60	-52.58	2,108.18	2,104.70	3.47	606.804		
700.00	698.70	700.08	700.07	2.32	1.90	-134.17	-2,096.52	-53.50	2,116.63	2,112.42	4.21	502.400		
800.00	797.47	786.88	786.86	2.73	2.21	-134.26	-2,096.62	-54.29	2,127.74	2,122.83	4.91	432.984		
900.00	895.62	882.82	882.80	3.16	2.55	-134.39	-2,097.11	-54.96	2,141.72	2,136.06	5.66	378.105		
1,000.00	993.06	983.46	983.44	3.63	2.91	-134.57	-2,097.59	-55.70	2,158.17	2,151.72	6.45	334.601		
1,100.00	1,089.64	1,077.71	1,077.69	4.14	3.25	-134.74	-2,098.05	-56.50	2,177.15	2,169.92	7.23	300.972		
1,200.00	1,185.27	1,174.23	1,174.21	4.70	3.60	-134.95	-2,098.53	-57.26	2,198.71	2,190.67	8.05	273.195		
1,300.00	1,279.82	1,270.22	1,270.19	5.30	3.94	-135.17	-2,098.93	-57.87	2,222.79	2,213.91	8.88	250.189		
1,400.00	1,373.17	1,361.80	1,361.76	5.96	4.27	-135.37	-2,099.37	-58.61	2,249.56	2,239.83	9.73	231.216		
1,500.00	1,465.21	1,457.06	1,457.02	6.67	4.61	-135.61	-2,099.73	-59.64	2,278.86	2,268.25	10.61	214.730		
1,600.00	1,555.84	1,537.50	1,537.45	7.44	4.90	-135.74	-2,100.20	-60.35	2,311.04	2,299.57	11.46	201.593		
1,700.00	1,645.41	1,616.78	1,616.73	8.26	5.17	-136.28	-2,100.93	-59.93	2,345.60	2,333.29	12.31	190.485		
1,800.00	1,734.94	1,730.25	1,730.16	9.09	5.55	-137.24	-2,101.58	-57.06	2,380.46	2,367.19	13.27	179.331		
1,900.00	1,824.47	1,851.49	1,851.29	9.94	5.95	-138.28	-2,100.10	-52.33	2,414.12	2,399.86	14.26	169.302		
2,000.00	1,913.99	1,924.20	1,923.87	10.80	6.20	-138.92	-2,099.08	-48.14	2,448.32	2,433.25	15.07	162.484		
2,100.00	2,003.52	2,003.69	2,003.12	11.66	6.46	-139.64	-2,098.14	-42.05	2,483.37	2,467.48	15.90	156.227		
2,200.00	2,093.05	2,107.03	2,105.99	12.53	6.82	-140.59	-2,096.52	-32.26	2,518.78	2,501.97	16.81	149.856		
2,300.00	2,182.58	2,192.23	2,190.62	13.40	7.11	-141.39	-2,094.70	-22.61	2,554.43	2,536.78	17.65	144.743		
2,400.00	2,272.11	2,309.47	2,307.02	14.28	7.53	-142.47	-2,091.35	-9.03	2,590.00	2,571.40	18.61	139.181		
2,500.00	2,361.63	2,399.72	2,396.71	15.16	7.86	-143.26	-2,088.23	0.42	2,625.40	2,605.94	19.46	134.890		
2,600.00	2,451.16	2,475.30	2,471.81	16.04	8.13	-143.91	-2,085.89	8.63	2,661.61	2,641.36	20.25	131.414		
2,700.00	2,540.69	2,577.82	2,573.70	16.92	8.51	-144.77	-2,082.42	19.41	2,697.96	2,676.81	21.15	127.572		
2,800.00	2,630.22	2,663.69	2,659.00	17.81	8.82	-145.48	-2,079.40	28.87	2,734.73	2,712.76	21.97	124.474		
2,900.00	2,719.75	2,754.33	2,749.02	18.70	9.16	-146.21	-2,075.82	38.80	2,771.52	2,748.72	22.81	121.517		
3,000.00	2,809.28	2,820.00	2,814.15	19.58	9.41	-146.75	-2,073.58	46.89	2,809.41	2,785.88	23.53	119.387		
3,100.00	2,898.80	2,907.21	2,900.60	20.47	9.75	-147.45	-2,070.80	58.09	2,848.07	2,823.73	24.34	116.995		
3,200.00	2,988.33	3,001.08	2,993.67	21.36	10.11	-148.19	-2,067.46	69.79	2,886.73	2,861.55	25.18	114.644		
3,300.00	3,077.86	3,086.80	3,078.73	22.26	10.44	-148.83	-2,064.45	79.97	2,925.66	2,899.69	25.98	112.631		
3,400.00	3,167.39	3,168.04	3,159.45	23.15	10.75	-149.41	-2,061.90	88.79	2,965.02	2,938.27	26.75	110.858		
3,500.00	3,256.92	3,259.80	3,250.65	24.04	11.10	-150.05	-2,059.14	98.51	3,004.72	2,977.16	27.56	109.026		
3,600.00	3,346.44	3,380.47	3,370.62	24.93	11.56	-150.85	-2,054.68	110.69	3,043.98	3,015.48	28.50	106.798		
3,700.00	3,435.97	3,449.00	3,438.74	25.83	11.82	-151.30	-2,051.99	117.67	3,083.42	3,054.22	29.20	105.594		
3,800.00	3,525.50	3,516.13	3,505.45	26.72	12.08	-151.73	-2,049.70	124.77	3,123.67	3,093.79	29.89	104.517		
3,900.00	3,615.03	3,587.14	3,576.05	27.62	12.36	-152.18	-2,047.83	132.18	3,164.77	3,134.18	30.58	103.475		
4,000.00	3,704.56	3,677.18	3,665.59	28.51	12.71	-152.72	-2,045.77	141.42	3,206.36	3,174.99	31.37	102.209		
4,100.00	3,794.09	3,771.18	3,759.08	29.41	13.07	-153.28	-2,043.28	150.96	3,247.85	3,215.68	32.17	100.953		
4,200.00	3,883.61	3,841.27	3,828.80	30.30	13.34	-153.68	-2,041.57	157.89	3,289.69	3,256.83	32.85	100.132		
4,300.00	3,973.14	3,981.88	3,970.73	31.20	13.64	-154.16	-2,039.02	165.69	3,331.96	3,293.04	33.53	99.320		
4,400.00	4,062.67	4,022.64	4,010.61	32.10	13.95	-154.64	-2,036.37	173.69	3,374.23	3,334.32	34.21	98.508		
4,500.00	4,152.20	4,112.61	4,100.51	32.99	14.26	-155.12	-2,033.72	181.70	3,416.50	3,376.61	34.89	97.696		
4,600.00	4,241.73	4,197.17	4,185.03	33.89	14.57	-155.60	-2,031.07	189.71	3,458.77	3,418.92	35.57	96.884		
4,700.00	4,331.26	4,282.90	4,270.73	34.79	14.88	-156.08	-2,028.42	197.72	3,501.04	3,461.19	36.25	96.072		
4,800.00	4,420.78	4,368.74	4,356.51	35.69	15.19	-156.56	-2,025.77	205.73	3,543.31	3,503.46	36.93	95.260		
4,900.00	4,510.31	4,454.79	4,442.52	36.58	15.50	-157.04	-2,023.12	213.74	3,585.58	3,545.73	37.61	94.448		
5,000.00	4,599.84	4,542.55	4,530.25	37.48	15.81	-157.52	-2,020.47	221.75	3,627.85	3,588.00	38.29	93.636		
5,100.00	4,689.37	4,629.62	4,617.25	38.38	16.12	-158.00	-2,017.82	229.76	3,670.12	3,630.27	38.97	92.824		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	10,149.40	7,015.05	39.28	65.67	150.67	1,365.49	179.30	2,698.97	2,634.13	64.84	41.627		
5,300.00	4,868.42	10,178.86	7,015.17	40.18	66.16	149.97	1,394.95	178.81	2,643.16	2,575.83	67.32	39.262		
5,400.00	4,957.95	10,210.28	7,015.36	41.07	66.68	149.22	1,426.36	178.23	2,589.62	2,519.69	69.93	37.033		
5,500.00	5,047.48	10,241.87	7,015.57	41.97	67.20	148.46	1,457.95	177.67	2,538.48	2,465.85	72.63	34.951		
5,600.00	5,137.01	10,273.52	7,015.79	42.87	67.73	147.70	1,489.59	177.10	2,489.90	2,414.48	75.42	33.014		
5,700.00	5,226.54	10,303.57	7,015.97	43.77	68.23	146.97	1,519.64	176.63	2,444.02	2,365.76	78.26	31.228		
5,800.00	5,316.07	10,333.28	7,016.11	44.67	68.72	146.24	1,549.34	176.27	2,401.04	2,319.86	81.17	29.579		
5,900.00	5,405.59	10,362.55	7,016.20	45.57	69.20	145.52	1,578.61	176.00	2,361.10	2,276.96	84.13	28.063		
6,000.00	5,495.12	10,387.65	7,016.27	46.47	69.62	144.90	1,603.71	175.86	2,324.40	2,237.34	87.06	26.699		
6,100.00	5,584.65	10,412.78	7,016.33	47.37	70.04	144.28	1,628.84	175.81	2,291.13	2,201.13	90.00	25.456		
6,200.00	5,674.18	10,437.75	7,016.41	48.27	70.46	143.66	1,653.81	175.86	2,261.45	2,168.50	92.94	24.332		
6,300.00	5,763.71	10,468.15	7,016.50	49.16	70.96	142.90	1,684.21	176.01	2,235.47	2,139.49	95.98	23.292		
6,400.00	5,853.23	10,505.15	7,016.62	50.06	71.58	141.98	1,721.21	176.12	2,213.20	2,114.09	99.12	22.329		
6,500.00	5,942.76	10,542.47	7,016.77	50.96	72.20	141.05	1,758.54	176.11	2,194.73	2,092.51	102.21	21.472		
6,600.00	6,032.29	10,571.77	7,016.92	51.86	72.69	140.31	1,787.83	176.07	2,180.20	2,075.14	105.06	20.752		
6,700.00	6,121.82	10,601.75	7,017.10	52.76	73.19	139.56	1,817.81	176.05	2,169.74	2,061.92	107.82	20.123		
6,800.00	6,211.35	10,631.90	7,017.32	53.66	73.70	138.80	1,847.96	176.05	2,163.41	2,052.95	110.47	19.584		
6,900.00	6,300.88	10,661.98	7,017.57	54.56	74.20	138.05	1,878.04	176.07	2,161.24	2,048.27	112.97	19.131		
6,901.98	6,302.65	10,662.57	7,017.57	54.58	74.21	138.04	1,878.63	176.07	2,161.24	2,048.22	113.02	19.123		
7,000.00	6,390.40	10,692.11	7,017.83	55.46	74.71	137.29	1,908.17	176.12	2,163.25	2,047.92	115.32	18.758 ES		
7,100.00	6,479.90	10,722.29	7,018.12	56.36	75.21	136.24	1,938.34	176.19	2,169.53	2,052.02	117.51	18.462		
7,200.00	6,565.62	10,749.37	7,018.38	57.41	75.67	148.69	1,965.42	176.29	2,190.35	2,070.89	119.46	18.335 SF		
7,300.00	6,643.25	10,771.19	7,018.56	58.67	76.03	155.03	1,987.25	176.44	2,231.41	2,110.34	121.07	18.430		
7,400.00	6,710.45	10,789.55	7,018.67	60.11	76.34	159.12	2,005.60	176.61	2,290.53	2,168.16	122.37	18.719		
7,500.00	6,765.16	10,803.99	7,018.74	61.71	76.58	162.04	2,020.05	176.78	2,364.74	2,241.41	123.33	19.173		
7,600.00	6,805.74	10,814.24	7,018.77	63.40	76.75	164.61	2,030.29	176.92	2,450.63	2,326.64	123.99	19.764		
7,700.00	6,830.93	10,820.14	7,018.79	65.14	76.85	168.37	2,036.19	177.01	2,544.61	2,420.23	124.37	20.460		
7,800.00	6,839.98	10,821.69	7,018.79	66.86	76.88	-173.77	2,037.74	177.04	2,643.15	2,518.65	124.50	21.230		
7,900.00	6,840.00	10,820.88	7,018.79	68.58	76.87	-170.30	2,036.93	177.02	2,742.92	2,618.41	124.51	22.030		
8,000.00	6,840.00	10,820.09	7,018.79	70.35	76.85	-170.06	2,036.14	177.01	2,842.71	2,718.20	124.51	22.831		
8,100.00	6,840.00	10,819.31	7,018.79	72.18	76.84	-169.82	2,035.36	177.00	2,942.51	2,818.00	124.51	23.633		
8,200.00	6,840.00	10,818.55	7,018.78	74.06	76.83	-169.58	2,034.60	176.99	3,042.32	2,917.81	124.51	24.434		
8,300.00	6,840.00	10,817.81	7,018.78	75.98	76.81	-169.35	2,033.86	176.98	3,142.15	3,017.63	124.51	25.236		
8,400.00	6,840.00	10,817.08	7,018.78	77.96	76.80	-169.13	2,033.13	176.97	3,241.98	3,117.47	124.51	26.037		
8,500.00	6,840.00	10,816.36	7,018.78	79.97	76.79	-168.91	2,032.41	176.96	3,341.83	3,217.31	124.51	26.839		
8,600.00	6,840.00	10,815.66	7,018.78	82.03	76.78	-168.69	2,031.71	176.94	3,441.68	3,317.16	124.51	27.641		
8,700.00	6,840.00	10,814.97	7,018.77	84.12	76.77	-168.48	2,031.02	176.93	3,541.54	3,417.03	124.52	28.443		
8,800.00	6,840.00	10,814.30	7,018.77	86.25	76.75	-168.28	2,030.35	176.92	3,641.41	3,516.89	124.52	29.244		
8,900.00	6,840.00	10,813.64	7,018.77	88.41	76.74	-168.07	2,029.69	176.92	3,741.29	3,616.77	124.52	30.046		
9,000.00	6,840.00	10,812.99	7,018.77	90.60	76.73	-167.88	2,029.04	176.91	3,841.17	3,716.65	124.52	30.848		
9,100.00	6,840.00	10,812.35	7,018.77	92.82	76.72	-167.68	2,028.40	176.90	3,941.06	3,816.53	124.52	31.649		
9,200.00	6,840.00	10,811.72	7,018.76	95.07	76.71	-167.49	2,027.77	176.89	4,040.95	3,916.42	124.53	32.450		
9,300.00	6,840.00	10,811.11	7,018.76	97.34	76.70	-167.31	2,027.16	176.88	4,140.85	4,016.32	124.53	33.252		
9,400.00	6,840.00	10,810.51	7,018.76	99.64	76.69	-167.12	2,026.56	176.87	4,240.75	4,116.22	124.53	34.053		
9,500.00	6,840.00	10,809.92	7,018.76	101.95	76.68	-166.94	2,025.97	176.86	4,340.66	4,216.12	124.54	34.854		
9,600.00	6,840.00	10,809.33	7,018.76	104.29	76.67	-166.77	2,025.38	176.85	4,440.57	4,316.03	124.54	35.655		
9,700.00	6,840.00	10,808.76	7,018.75	106.64	76.66	-166.59	2,024.81	176.85	4,540.49	4,415.94	124.55	36.455		
9,800.00	6,840.00	10,808.20	7,018.75	109.02	76.65	-166.43	2,024.25	176.84	4,640.41	4,515.85	124.56	37.256		
9,900.00	6,840.00	10,807.65	7,018.75	111.41	76.64	-166.26	2,023.70	176.83	4,740.33	4,615.77	124.56	38.056		
10,000.00	6,840.00	10,807.11	7,018.75	113.81	76.63	-166.10	2,023.16	176.82	4,840.25	4,715.68	124.57	38.856		
10,100.00	6,840.00	10,806.58	7,018.75	116.23	76.63	-165.94	2,022.63	176.82	4,940.18	4,815.60	124.58	39.655		
10,200.00	6,840.00	10,806.05	7,018.75	118.67	76.62	-165.78	2,022.11	176.81	5,040.11	4,915.53	124.59	40.455		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,805.54	7,018.74	121.11	76.61	-165.63	2,021.59	176.80	5,140.05	5,015.45	124.60	41.254		
10,400.00	6,840.00	10,805.03	7,018.74	123.57	76.60	-165.47	2,021.09	176.80	5,239.98	5,115.38	124.61	42.052		
10,500.00	6,840.00	10,804.54	7,018.74	126.04	76.59	-165.33	2,020.59	176.79	5,339.92	5,215.30	124.62	42.851		
10,600.00	6,840.00	10,804.05	7,018.74	128.52	76.58	-165.18	2,020.10	176.78	5,439.86	5,315.23	124.63	43.649		
10,700.00	6,840.00	10,803.57	7,018.74	131.01	76.57	-165.04	2,019.62	176.78	5,539.80	5,415.16	124.64	44.446		
10,800.00	6,840.00	10,803.09	7,018.73	133.51	76.57	-164.90	2,019.14	176.77	5,639.75	5,515.10	124.65	45.244		
10,900.00	6,840.00	10,802.63	7,018.73	136.02	76.56	-164.76	2,018.68	176.77	5,739.69	5,615.03	124.67	46.041		
11,000.00	6,840.00	10,802.17	7,018.73	138.53	76.55	-164.62	2,018.22	176.76	5,839.64	5,714.96	124.68	46.837		
11,100.00	6,840.00	10,801.72	7,018.73	141.06	76.54	-164.49	2,017.77	176.75	5,939.59	5,814.90	124.69	47.633		
11,200.00	6,840.00	10,801.27	7,018.73	143.59	76.54	-164.36	2,017.33	176.75	6,039.54	5,914.84	124.71	48.429		
11,300.00	6,840.00	10,800.84	7,018.73	146.13	76.53	-164.23	2,016.89	176.74	6,139.50	6,014.77	124.73	49.224		
11,400.00	6,840.00	10,800.41	7,018.72	148.68	76.52	-164.10	2,016.46	176.74	6,239.45	6,114.71	124.74	50.019		
11,500.00	6,840.00	10,799.98	7,018.72	151.23	76.51	-163.97	2,016.03	176.73	6,339.41	6,214.65	124.76	50.813		
11,600.00	6,840.00	10,799.56	7,018.72	153.79	76.51	-163.85	2,015.62	176.73	6,439.36	6,314.59	124.78	51.607		
11,700.00	6,840.00	10,799.15	7,018.72	156.35	76.50	-163.73	2,015.21	176.72	6,539.32	6,414.53	124.79	52.401		
11,800.00	6,840.00	10,798.75	7,018.72	158.92	76.49	-163.61	2,014.80	176.72	6,639.28	6,514.47	124.81	53.194		
11,900.00	6,840.00	10,798.35	7,018.71	161.49	76.49	-163.49	2,014.40	176.71	6,739.24	6,614.41	124.83	53.986		
12,000.00	6,840.00	10,797.96	7,018.71	164.07	76.48	-163.38	2,014.01	176.71	6,839.21	6,714.35	124.85	54.778		
12,100.00	6,840.00	10,797.57	7,018.71	166.66	76.47	-163.27	2,013.62	176.70	6,939.17	6,814.29	124.87	55.569		
12,200.00	6,840.00	10,797.19	7,018.71	169.25	76.47	-163.15	2,013.24	176.70	7,039.13	6,914.24	124.90	56.360		
12,300.00	6,840.00	10,796.81	7,018.71	171.84	76.46	-163.04	2,012.86	176.69	7,139.10	7,014.18	124.92	57.151		
12,400.00	6,840.00	10,796.44	7,018.71	174.44	76.46	-162.94	2,012.49	176.69	7,239.06	7,114.12	124.94	57.940		
12,500.00	6,840.00	10,796.08	7,018.70	177.04	76.45	-162.83	2,012.13	176.69	7,339.03	7,214.07	124.96	58.730		
12,600.00	6,840.00	10,795.72	7,018.70	179.64	76.44	-162.72	2,011.77	176.68	7,439.00	7,314.01	124.99	59.518		
12,700.00	6,840.00	10,795.36	7,018.70	182.25	76.44	-162.62	2,011.41	176.68	7,538.97	7,413.95	125.01	60.306		
12,800.00	6,840.00	10,795.01	7,018.70	184.86	76.43	-162.52	2,011.06	176.67	7,638.93	7,513.90	125.04	61.094		
12,900.00	6,840.00	10,794.66	7,018.70	187.47	76.43	-162.42	2,010.72	176.67	7,738.90	7,613.84	125.06	61.880		
13,000.00	6,840.00	10,794.32	7,018.70	190.09	76.42	-162.32	2,010.38	176.66	7,838.88	7,713.79	125.09	62.667		
13,100.00	6,840.00	10,793.99	7,018.69	192.71	76.41	-162.22	2,010.04	176.66	7,938.85	7,813.73	125.12	63.452		
13,200.00	6,840.00	10,793.66	7,018.69	195.34	76.41	-162.13	2,009.71	176.66	8,038.82	7,913.68	125.14	64.237		
13,300.00	6,840.00	10,793.33	7,018.69	197.96	76.40	-162.03	2,009.38	176.65	8,138.79	8,013.62	125.17	65.021		
13,400.00	6,840.00	10,793.01	7,018.69	200.59	76.40	-161.94	2,009.06	176.65	8,238.77	8,113.57	125.20	65.805		
13,500.00	6,840.00	10,792.69	7,018.69	203.22	76.39	-161.85	2,008.74	176.65	8,338.74	8,213.51	125.23	66.588		
13,600.00	6,840.00	10,792.37	7,018.69	205.85	76.39	-161.76	2,008.43	176.64	8,438.71	8,313.46	125.26	67.370		
13,700.00	6,840.00	10,792.06	7,018.68	208.49	76.38	-161.67	2,008.11	176.64	8,538.69	8,413.40	125.29	68.152		
13,800.00	6,840.00	10,791.76	7,018.68	211.13	76.38	-161.58	2,007.81	176.64	8,638.66	8,513.34	125.32	68.933		
13,900.00	6,840.00	10,791.45	7,018.68	213.77	76.37	-161.49	2,007.51	176.63	8,738.64	8,613.29	125.35	69.713		
14,000.00	6,840.00	10,791.16	7,018.68	216.41	76.37	-161.41	2,007.21	176.63	8,838.62	8,713.23	125.38	70.493		
14,100.00	6,840.00	10,790.86	7,018.68	219.06	76.36	-161.32	2,006.91	176.63	8,938.59	8,813.18	125.42	71.272		
14,200.00	6,840.00	10,790.57	7,018.68	221.70	76.36	-161.24	2,006.62	176.62	9,038.57	8,913.12	125.45	72.050		
14,300.00	6,840.00	10,790.28	7,018.68	224.35	76.35	-161.16	2,006.34	176.62	9,138.55	9,013.07	125.48	72.827		
14,400.00	6,840.00	10,790.00	7,018.67	227.00	76.35	-161.08	2,006.05	176.62	9,238.53	9,113.01	125.52	73.604		
14,500.00	6,840.00	10,789.72	7,018.67	229.65	76.34	-161.00	2,005.77	176.61	9,338.51	9,212.96	125.55	74.379		
14,600.00	6,840.00	10,789.44	7,018.67	232.30	76.34	-160.92	2,005.50	176.61	9,438.49	9,312.90	125.59	75.155		
14,700.00	6,840.00	10,789.17	7,018.67	234.96	76.33	-160.84	2,005.22	176.61	9,538.47	9,412.84	125.62	75.929		
14,800.00	6,840.00	10,788.90	7,018.67	237.61	76.33	-160.76	2,004.95	176.60	9,638.45	9,512.79	125.66	76.702		
14,900.00	6,840.00	10,788.63	7,018.67	240.27	76.32	-160.69	2,004.69	176.60	9,738.43	9,612.73	125.70	77.475		
15,000.00	6,840.00	10,788.37	7,018.67	242.93	76.32	-160.61	2,004.42	176.60	9,838.41	9,712.68	125.73	78.247		
15,100.00	6,840.00	10,788.11	7,018.66	245.59	76.32	-160.54	2,004.16	176.60	9,938.39	9,812.62	125.77	79.018		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-177.89	-2,095.84	-77.29	2,097.27					
100.00	100.00	97.00	97.00	0.13	0.17	-177.89	-2,095.84	-77.29	2,097.27	2,096.97	0.30	6,995.445		
200.00	200.00	197.00	197.00	0.49	0.34	-177.89	-2,095.84	-77.29	2,097.27	2,096.44	0.83	2,530.582		
300.00	300.00	297.00	297.00	0.85	0.51	-177.89	-2,095.84	-77.29	2,097.27	2,095.91	1.36	1,544.684		
400.00	399.98	395.77	395.77	1.21	0.79	-133.27	-2,095.86	-77.30	2,098.48	2,096.48	2.00	1,047.343		
500.00	499.84	493.87	493.87	1.57	1.14	-133.32	-2,095.96	-77.37	2,102.18	2,099.47	2.71	776.840		
600.00	599.45	591.74	591.74	1.94	1.48	-133.39	-2,096.13	-77.48	2,108.35	2,104.94	3.41	617.414		
700.00	698.70	689.23	689.23	2.32	1.82	-133.50	-2,096.39	-77.64	2,117.03	2,112.90	4.13	512.329		
800.00	797.47	777.98	777.97	2.73	2.12	-133.59	-2,096.87	-78.11	2,128.44	2,123.61	4.83	440.586		
900.00	895.62	875.39	875.38	3.16	2.46	-133.73	-2,097.66	-78.94	2,142.57	2,136.99	5.58	384.070		
1,000.00	993.06	973.94	973.92	3.63	2.81	-133.90	-2,098.42	-79.71	2,159.12	2,152.78	6.35	340.044		
1,100.00	1,089.64	1,064.71	1,064.69	4.14	3.13	-134.05	-2,099.21	-80.49	2,178.29	2,171.18	7.12	306.054		
1,200.00	1,185.27	1,154.55	1,154.52	4.70	3.45	-134.21	-2,100.23	-81.45	2,200.25	2,192.35	7.90	278.358		
1,300.00	1,279.82	1,297.92	1,297.88	5.30	3.95	-134.72	-2,100.51	-82.46	2,223.90	2,215.00	8.90	249.869		
1,400.00	1,373.17	1,406.74	1,406.68	5.96	4.32	-135.09	-2,098.85	-82.39	2,248.51	2,238.71	9.80	229.504		
1,500.00	1,465.21	1,495.37	1,495.30	6.67	4.63	-135.34	-2,097.48	-82.24	2,275.82	2,265.17	10.65	213.746		
1,600.00	1,555.84	1,581.83	1,581.76	7.44	4.93	-135.57	-2,096.29	-82.09	2,306.01	2,294.49	11.52	200.243		
1,700.00	1,645.41	1,666.55	1,666.47	8.26	5.22	-136.15	-2,095.32	-82.05	2,338.42	2,326.02	12.40	188.651		
1,800.00	1,734.94	1,758.69	1,758.60	9.09	5.54	-136.88	-2,094.44	-82.14	2,371.41	2,358.11	13.30	178.271		
1,900.00	1,824.47	1,870.13	1,870.03	9.94	5.93	-137.73	-2,092.72	-82.57	2,404.21	2,389.93	14.28	168.312		
2,000.00	1,913.99	1,955.99	1,955.87	10.80	6.23	-138.36	-2,090.90	-83.09	2,436.81	2,421.64	15.17	160.658		
2,100.00	2,003.52	2,022.55	2,022.43	11.66	6.46	-138.85	-2,090.01	-83.32	2,470.44	2,454.47	15.97	154.677		
2,200.00	2,093.05	2,088.55	2,088.42	12.53	6.69	-139.32	-2,089.74	-83.34	2,505.23	2,488.47	16.77	149.426		
2,300.00	2,182.58	2,172.02	2,171.89	13.40	6.98	-139.91	-2,089.95	-83.17	2,540.93	2,523.31	17.62	144.192		
2,400.00	2,272.11	2,261.45	2,261.33	14.28	7.29	-140.52	-2,090.19	-82.97	2,576.94	2,558.45	18.50	139.319		
2,500.00	2,361.63	2,355.26	2,355.13	15.16	7.62	-141.15	-2,090.40	-82.82	2,613.17	2,593.79	19.39	134.799		
2,600.00	2,451.16	2,450.85	2,450.72	16.04	7.96	-141.77	-2,090.42	-82.83	2,649.46	2,629.19	20.28	130.658		
2,700.00	2,540.69	2,542.89	2,542.76	16.92	8.28	-142.35	-2,090.26	-82.74	2,685.85	2,664.70	21.15	126.988		
2,800.00	2,630.22	2,634.02	2,633.89	17.81	8.60	-142.93	-2,089.94	-82.07	2,722.42	2,700.41	22.01	123.677		
2,900.00	2,719.75	2,724.82	2,724.68	18.70	8.91	-143.50	-2,089.50	-81.05	2,759.18	2,736.32	22.87	120.662		
3,000.00	2,809.28	2,815.65	2,815.50	19.58	9.23	-144.05	-2,089.01	-80.06	2,796.14	2,772.42	23.72	117.898		
3,100.00	2,898.80	2,901.18	2,901.03	20.47	9.53	-144.56	-2,088.60	-79.20	2,833.35	2,808.81	24.54	115.462		
3,200.00	2,988.33	2,986.16	2,986.01	21.36	9.83	-145.05	-2,088.36	-78.50	2,870.92	2,845.57	25.35	113.230		
3,300.00	3,077.86	3,074.13	3,073.98	22.26	10.14	-145.54	-2,088.24	-77.92	2,908.80	2,882.62	26.18	111.110		
3,400.00	3,167.39	3,162.93	3,162.77	23.15	10.45	-146.02	-2,088.15	-77.41	2,946.89	2,919.89	27.00	109.129		
3,500.00	3,256.92	3,254.49	3,254.33	24.04	10.77	-146.51	-2,088.04	-76.82	2,985.16	2,957.32	27.84	107.239		
3,600.00	3,346.44	3,346.78	3,346.62	24.93	11.10	-146.99	-2,087.74	-75.86	3,023.52	2,994.85	28.67	105.469		
3,700.00	3,435.97	3,430.52	3,430.34	25.83	11.39	-147.42	-2,087.44	-74.82	3,062.08	3,032.62	29.45	103.961		
3,800.00	3,525.50	3,512.25	3,512.08	26.72	11.68	-147.83	-2,087.39	-73.98	3,101.02	3,070.80	30.23	102.588		
3,900.00	3,615.03	3,620.34	3,620.16	27.62	12.06	-148.35	-2,087.42	-73.41	3,140.12	3,109.00	31.12	100.900		
4,000.00	3,704.56	3,745.92	3,745.73	28.51	12.50	-148.91	-2,086.65	-74.47	3,178.44	3,146.35	32.10	99.027		
4,100.00	3,794.09	3,815.61	3,815.42	29.41	12.74	-149.20	-2,086.33	-75.54	3,216.83	3,184.02	32.81	98.056		
4,200.00	3,883.61	3,893.91	3,893.70	30.30	13.01	-149.52	-2,086.30	-77.00	3,255.64	3,222.08	33.55	97.028		
4,300.00	3,973.14	3,988.45	3,988.30	31.20	13.26	-149.50	-2,086.30	-77.18	3,294.26	3,259.29	34.27	95.968		
4,400.00	4,062.67	4,078.95	4,078.76	32.10	13.51	-149.51	-2,086.30	-77.36	3,333.42	3,297.42	34.99	94.908		
4,500.00	4,152.20	4,168.93	4,168.74	32.99	13.76	-149.52	-2,086.30	-77.54	3,372.62	3,336.42	35.71	93.848		
4,600.00	4,241.73	4,258.95	4,258.76	33.89	14.01	-149.53	-2,086.30	-77.72	3,411.87	3,375.62	36.43	92.788		
4,700.00	4,331.26	4,348.97	4,348.78	34.79	14.26	-149.54	-2,086.30	-77.90	3,451.12	3,414.87	37.15	91.728		
4,800.00	4,420.78	4,438.99	4,438.80	35.69	14.51	-149.55	-2,086.30	-78.08	3,490.37	3,453.12	37.87	90.668		
4,900.00	4,510.31	4,528.93	4,528.74	36.58	14.76	-149.56	-2,086.30	-78.26	3,529.62	3,491.37	38.59	89.608		
5,000.00	4,599.84	4,618.95	4,618.76	37.48	15.01	-149.57	-2,086.30	-78.44	3,568.87	3,529.62	39.31	88.548		
5,100.00	4,689.37	4,708.97	4,708.78	38.38	15.26	-149.58	-2,086.30	-78.62	3,608.12	3,568.87	40.03	87.488		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	10,127.15	7,005.25	39.28	65.57	153.40	1,356.53	-100.07	2,546.35	2,485.95	60.40	42.160		
5,300.00	4,868.42	10,154.61	7,005.05	40.18	66.03	152.67	1,383.99	-99.87	2,484.01	2,421.21	62.80	39.554		
5,400.00	4,957.95	10,181.87	7,004.85	41.07	66.47	151.93	1,411.25	-99.58	2,423.85	2,358.53	65.32	37.106		
5,500.00	5,047.48	10,207.99	7,004.64	41.97	66.91	151.22	1,437.37	-99.23	2,366.04	2,298.09	67.95	34.821		
5,600.00	5,137.01	10,230.61	7,004.47	42.87	67.28	150.60	1,459.98	-98.83	2,310.79	2,240.15	70.63	32.715		
5,700.00	5,226.54	10,253.08	7,004.32	43.77	67.65	149.99	1,482.45	-98.31	2,258.31	2,184.89	73.42	30.758		
5,800.00	5,316.07	10,275.40	7,004.18	44.67	68.02	149.37	1,504.76	-97.69	2,208.82	2,132.51	76.30	28.948		
5,900.00	5,405.59	10,298.78	7,004.05	45.57	68.40	148.72	1,528.12	-96.93	2,162.50	2,083.21	79.29	27.275		
6,000.00	5,495.12	10,325.58	7,003.90	46.47	68.85	147.97	1,554.91	-95.97	2,119.53	2,037.12	82.41	25.720		
6,100.00	5,584.65	10,352.17	7,003.74	47.37	69.28	147.22	1,581.48	-94.95	2,080.09	1,994.51	85.58	24.306		
6,200.00	5,674.18	10,378.56	7,003.57	48.27	69.72	146.48	1,607.84	-93.87	2,044.41	1,955.62	88.78	23.027		
6,300.00	5,763.71	10,404.64	7,003.39	49.16	70.15	145.74	1,633.90	-92.73	2,012.67	1,920.68	91.99	21.880		
6,400.00	5,853.23	10,430.48	7,003.20	50.06	70.58	145.01	1,659.71	-91.53	1,985.08	1,889.92	95.16	20.860		
6,500.00	5,942.76	10,456.08	7,003.00	50.96	71.00	144.28	1,685.28	-90.28	1,961.82	1,863.54	98.28	19.961		
6,600.00	6,032.29	10,489.97	7,002.72	51.86	71.56	143.31	1,719.12	-88.57	1,943.02	1,841.48	101.54	19.135		
6,700.00	6,121.82	10,538.47	7,002.24	52.76	72.36	141.93	1,767.57	-86.48	1,928.57	1,823.47	105.10	18.350		
6,800.00	6,211.35	10,589.45	7,001.67	53.66	73.21	140.47	1,818.53	-84.84	1,918.46	1,809.85	108.61	17.664		
6,900.00	6,300.88	10,643.25	7,001.02	54.56	74.11	138.93	1,872.31	-83.79	1,912.71	1,800.65	112.06	17.069		
6,977.37	6,370.14	10,673.24	7,000.66	55.26	74.61	138.07	1,902.30	-83.48	1,911.31	1,797.03	114.29	16.724 CC		
7,000.00	6,390.40	10,681.28	7,000.57	55.46	74.75	137.84	1,910.33	-83.41	1,911.43	1,796.54	114.89	16.636 ES		
7,100.00	6,479.90	10,717.15	7,000.21	56.36	75.35	138.52	1,946.21	-83.19	1,914.93	1,797.46	117.47	16.301		
7,200.00	6,565.62	10,752.18	6,999.92	57.41	75.94	148.63	1,981.23	-83.08	1,933.50	1,813.68	119.82	16.137 SF		
7,300.00	6,643.25	10,774.92	6,999.73	58.67	76.32	154.84	2,003.97	-83.01	1,972.94	1,851.37	121.57	16.229		
7,400.00	6,710.45	10,796.57	6,999.56	60.11	76.68	158.70	2,025.62	-82.92	2,031.00	1,907.98	123.02	16.509		
7,500.00	6,765.16	10,814.10	6,999.41	61.71	76.98	161.31	2,043.14	-82.84	2,104.60	1,980.49	124.11	16.958		
7,600.00	6,805.74	10,826.99	6,999.31	63.40	77.20	163.40	2,056.04	-82.77	2,190.17	2,065.32	124.85	17.543		
7,700.00	6,830.93	10,834.91	6,999.24	65.14	77.33	166.09	2,063.96	-82.73	2,284.00	2,158.72	125.28	18.231		
7,800.00	6,839.98	10,837.71	6,999.22	66.86	77.38	178.41	2,066.76	-82.71	2,382.52	2,257.06	125.45	18.992		
7,900.00	6,840.00	10,837.58	6,999.22	68.58	77.37	-179.24	2,066.63	-82.71	2,482.29	2,356.81	125.48	19.783		
8,000.00	6,840.00	10,837.44	6,999.22	70.35	77.37	-179.19	2,066.49	-82.71	2,582.09	2,456.58	125.50	20.574		
8,100.00	6,840.00	10,837.31	6,999.22	72.18	77.37	-179.14	2,066.36	-82.71	2,681.90	2,556.37	125.52	21.366		
8,200.00	6,840.00	10,837.18	6,999.22	74.06	77.37	-179.09	2,066.22	-82.72	2,781.72	2,656.17	125.55	22.157		
8,300.00	6,840.00	10,837.04	6,999.22	75.98	77.37	-179.05	2,066.09	-82.72	2,881.56	2,755.99	125.57	22.948		
8,400.00	6,840.00	10,836.91	6,999.22	77.96	77.36	-179.00	2,065.96	-82.72	2,981.40	2,855.81	125.59	23.740		
8,500.00	6,840.00	10,836.78	6,999.23	79.97	77.36	-178.95	2,065.83	-82.72	3,081.26	2,955.65	125.61	24.531		
8,600.00	6,840.00	10,836.65	6,999.23	82.03	77.36	-178.91	2,065.69	-82.72	3,181.12	3,055.50	125.63	25.322		
8,700.00	6,840.00	10,836.52	6,999.23	84.12	77.36	-178.86	2,065.56	-82.72	3,281.00	3,155.35	125.65	26.113		
8,800.00	6,840.00	10,836.39	6,999.23	86.25	77.35	-178.81	2,065.43	-82.72	3,380.88	3,255.21	125.67	26.904		
8,900.00	6,840.00	10,836.26	6,999.23	88.41	77.35	-178.77	2,065.30	-82.72	3,480.77	3,355.08	125.68	27.694		
9,000.00	6,840.00	10,836.13	6,999.23	90.60	77.35	-178.72	2,065.17	-82.72	3,580.66	3,454.96	125.70	28.485		
9,100.00	6,840.00	10,836.00	6,999.23	92.82	77.35	-178.68	2,065.05	-82.72	3,680.56	3,554.84	125.72	29.275		
9,200.00	6,840.00	10,835.88	6,999.23	95.07	77.35	-178.63	2,064.92	-82.72	3,780.47	3,654.72	125.74	30.065		
9,300.00	6,840.00	10,835.75	6,999.23	97.34	77.34	-178.59	2,064.80	-82.72	3,880.38	3,754.62	125.76	30.855		
9,400.00	6,840.00	10,835.63	6,999.24	99.64	77.34	-178.55	2,064.68	-82.72	3,980.29	3,854.51	125.78	31.644		
9,500.00	6,840.00	10,835.51	6,999.24	101.95	77.34	-178.51	2,064.56	-82.72	4,080.21	3,954.41	125.80	32.434		
9,600.00	6,840.00	10,835.40	6,999.24	104.29	77.34	-178.47	2,064.44	-82.73	4,180.13	4,054.31	125.82	33.223		
9,700.00	6,840.00	10,835.28	6,999.24	106.64	77.34	-178.42	2,064.32	-82.73	4,280.06	4,154.22	125.84	34.011		
9,800.00	6,840.00	10,835.16	6,999.24	109.02	77.33	-178.38	2,064.21	-82.73	4,379.99	4,254.13	125.86	34.800		
9,900.00	6,840.00	10,835.04	6,999.24	111.41	77.33	-178.34	2,064.09	-82.73	4,479.92	4,354.04	125.88	35.588		
10,000.00	6,840.00	10,834.93	6,999.24	113.81	77.33	-178.30	2,063.98	-82.73	4,579.86	4,453.95	125.91	36.375		
10,100.00	6,840.00	10,834.81	6,999.24	116.23	77.33	-178.26	2,063.86	-82.73	4,679.80	4,553.87	125.93	37.163		
10,200.00	6,840.00	10,834.70	6,999.24	118.67	77.33	-178.22	2,063.75	-82.73	4,779.74	4,653.79	125.95	37.950		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,834.58	6,999.24	121.11	77.32	-178.18	2,063.63	-82.73	4,879.68	4,753.71	125.97	38.736		
10,400.00	6,840.00	10,834.47	6,999.24	123.57	77.32	-178.14	2,063.52	-82.73	4,979.63	4,853.63	125.99	39.523		
10,500.00	6,840.00	10,834.36	6,999.25	126.04	77.32	-178.10	2,063.41	-82.73	5,079.58	4,953.56	126.02	40.308		
10,600.00	6,840.00	10,834.25	6,999.25	128.52	77.32	-178.06	2,063.29	-82.73	5,179.53	5,053.48	126.04	41.094		
10,700.00	6,840.00	10,834.14	6,999.25	131.01	77.32	-178.02	2,063.18	-82.73	5,279.48	5,153.41	126.07	41.879		
10,800.00	6,840.00	10,834.03	6,999.25	133.51	77.32	-177.98	2,063.07	-82.73	5,379.43	5,253.34	126.09	42.663		
10,900.00	6,840.00	10,833.92	6,999.25	136.02	77.31	-177.94	2,062.96	-82.73	5,479.39	5,353.27	126.11	43.448		
11,000.00	6,840.00	10,833.81	6,999.25	138.53	77.31	-177.90	2,062.85	-82.73	5,579.34	5,453.20	126.14	44.231		
11,100.00	6,840.00	10,833.70	6,999.25	141.06	77.31	-177.87	2,062.75	-82.74	5,679.30	5,553.14	126.17	45.015		
11,200.00	6,840.00	10,833.59	6,999.25	143.59	77.31	-177.83	2,062.64	-82.74	5,779.26	5,653.07	126.19	45.798		
11,300.00	6,840.00	10,833.48	6,999.25	146.13	77.31	-177.79	2,062.53	-82.74	5,879.22	5,753.00	126.22	46.580		
11,400.00	6,840.00	10,833.38	6,999.25	148.68	77.30	-177.75	2,062.43	-82.74	5,979.18	5,852.94	126.24	47.362		
11,500.00	6,840.00	10,833.27	6,999.25	151.23	77.30	-177.72	2,062.32	-82.74	6,079.15	5,952.88	126.27	48.143		
11,600.00	6,840.00	10,833.17	6,999.26	153.79	77.30	-177.68	2,062.22	-82.74	6,179.11	6,052.81	126.30	48.924		
11,700.00	6,840.00	10,833.06	6,999.26	156.35	77.30	-177.64	2,062.11	-82.74	6,279.08	6,152.75	126.33	49.704		
11,800.00	6,840.00	10,832.96	6,999.26	158.92	77.30	-177.61	2,062.01	-82.74	6,379.05	6,252.69	126.36	50.484		
11,900.00	6,840.00	10,832.86	6,999.26	161.49	77.30	-177.57	2,061.90	-82.74	6,479.01	6,352.63	126.39	51.264		
12,000.00	6,840.00	10,832.75	6,999.26	164.07	77.29	-177.53	2,061.80	-82.74	6,578.98	6,452.57	126.42	52.042		
12,100.00	6,840.00	10,832.65	6,999.26	166.66	77.29	-177.50	2,061.70	-82.74	6,678.95	6,552.51	126.45	52.821		
12,200.00	6,840.00	10,832.55	6,999.26	169.25	77.29	-177.46	2,061.60	-82.74	6,778.92	6,652.45	126.48	53.598		
12,300.00	6,840.00	10,832.45	6,999.26	171.84	77.29	-177.43	2,061.50	-82.74	6,878.90	6,752.39	126.51	54.376		
12,400.00	6,840.00	10,832.35	6,999.26	174.44	77.29	-177.39	2,061.40	-82.74	6,978.87	6,852.33	126.54	55.152		
12,500.00	6,840.00	10,832.25	6,999.26	177.04	77.29	-177.36	2,061.30	-82.74	7,078.84	6,952.27	126.57	55.928		
12,600.00	6,840.00	10,832.15	6,999.26	179.64	77.28	-177.32	2,061.20	-82.74	7,178.82	7,052.21	126.60	56.704		
12,700.00	6,840.00	10,832.05	6,999.27	182.25	77.28	-177.29	2,061.10	-82.74	7,278.79	7,152.16	126.63	57.479		
12,800.00	6,840.00	10,831.95	6,999.27	184.86	77.28	-177.25	2,061.00	-82.75	7,378.77	7,252.10	126.67	58.253		
12,900.00	6,840.00	10,831.86	6,999.27	187.47	77.28	-177.22	2,060.90	-82.75	7,478.74	7,352.04	126.70	59.026		
13,000.00	6,840.00	10,831.76	6,999.27	190.09	77.28	-177.18	2,060.81	-82.75	7,578.72	7,451.98	126.74	59.800		
13,100.00	6,840.00	10,831.66	6,999.27	192.71	77.28	-177.15	2,060.71	-82.75	7,678.70	7,551.93	126.77	60.572		
13,200.00	6,840.00	10,831.57	6,999.27	195.34	77.27	-177.12	2,060.62	-82.75	7,778.67	7,651.87	126.80	61.344		
13,300.00	6,840.00	10,831.47	6,999.27	197.96	77.27	-177.08	2,060.52	-82.75	7,878.65	7,751.81	126.84	62.115		
13,400.00	6,840.00	10,831.38	6,999.27	200.59	77.27	-177.05	2,060.43	-82.75	7,978.63	7,851.76	126.88	62.885		
13,500.00	6,840.00	10,831.28	6,999.27	203.22	77.27	-177.02	2,060.33	-82.75	8,078.61	7,951.70	126.91	63.655		
13,600.00	6,840.00	10,831.19	6,999.27	205.85	77.27	-176.98	2,060.24	-82.75	8,178.59	8,051.64	126.95	64.424		
13,700.00	6,840.00	10,831.10	6,999.27	208.49	77.27	-176.95	2,060.15	-82.75	8,278.57	8,151.59	126.99	65.193		
13,800.00	6,840.00	10,831.01	6,999.27	211.13	77.26	-176.92	2,060.05	-82.75	8,378.55	8,251.53	127.02	65.961		
13,900.00	6,840.00	10,830.91	6,999.27	213.77	77.26	-176.89	2,059.96	-82.75	8,478.53	8,351.47	127.06	66.728		
14,000.00	6,840.00	10,830.82	6,999.28	216.41	77.26	-176.85	2,059.87	-82.75	8,578.52	8,451.42	127.10	67.494		
14,100.00	6,840.00	10,830.73	6,999.28	219.06	77.26	-176.82	2,059.78	-82.75	8,678.50	8,551.36	127.14	68.260		
14,200.00	6,840.00	10,830.64	6,999.28	221.70	77.26	-176.79	2,059.69	-82.75	8,778.48	8,651.30	127.18	69.025		
14,300.00	6,840.00	10,830.55	6,999.28	224.35	77.26	-176.76	2,059.60	-82.75	8,878.46	8,751.25	127.22	69.789		
14,400.00	6,840.00	10,830.46	6,999.28	227.00	77.26	-176.73	2,059.51	-82.75	8,978.45	8,851.19	127.26	70.553		
14,500.00	6,840.00	10,830.37	6,999.28	229.65	77.25	-176.70	2,059.42	-82.75	9,078.43	8,951.13	127.30	71.316		
14,600.00	6,840.00	10,830.28	6,999.28	232.30	77.25	-176.66	2,059.33	-82.75	9,178.42	9,051.08	127.34	72.078		
14,700.00	6,840.00	10,830.20	6,999.28	234.96	77.25	-176.63	2,059.24	-82.75	9,278.40	9,151.02	127.38	72.839		
14,800.00	6,840.00	10,830.11	6,999.28	237.61	77.25	-176.60	2,059.16	-82.76	9,378.38	9,250.96	127.42	73.600		
14,900.00	6,840.00	10,830.02	6,999.28	240.27	77.25	-176.57	2,059.07	-82.76	9,478.37	9,350.90	127.47	74.360		
15,000.00	6,840.00	10,829.94	6,999.28	242.93	77.25	-176.54	2,058.98	-82.76	9,578.36	9,450.85	127.51	75.119		
15,100.00	6,840.00	10,829.85	6,999.28	245.59	77.24	-176.51	2,058.90	-82.76	9,678.34	9,550.79	127.55	75.877		
15,200.00	6,840.00	10,829.76	6,999.28	248.25	77.24	-176.48	2,058.81	-82.76	9,778.33	9,650.73	127.60	76.635		
15,300.00	6,840.00	10,829.68	6,999.28	250.92	77.24	-176.45	2,058.73	-82.76	9,878.31	9,750.67	127.64	77.392		
15,400.00	6,840.00	10,829.59	6,999.29	253.58	77.24	-176.42	2,058.64	-82.76	9,978.30	9,850.61	127.68	78.148		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-167.76	-2,092.93	-453.98	2,141.62					
100.00	100.00	84.74	84.74	0.13	0.15	-167.76	-2,093.02	-454.03	2,141.71	2,141.43	0.28	7,659.945		
200.00	200.00	178.89	178.89	0.49	0.31	-167.76	-2,093.35	-454.19	2,142.09	2,141.29	0.80	2,680.348		
300.00	300.00	273.03	273.03	0.85	0.47	-167.75	-2,093.93	-454.46	2,142.74	2,141.43	1.32	1,624.835		
400.00	399.98	367.94	367.93	1.21	0.66	-123.12	-2,094.74	-454.86	2,144.62	2,142.75	1.87	1,146.630		
500.00	499.84	466.51	466.50	1.57	1.02	-123.17	-2,095.72	-455.25	2,148.54	2,145.96	2.58	831.258		
600.00	599.45	564.81	564.79	1.94	1.37	-123.26	-2,096.77	-455.58	2,154.45	2,151.14	3.31	651.672		
700.00	698.70	662.70	662.68	2.32	1.72	-123.39	-2,097.89	-455.83	2,162.36	2,158.32	4.04	535.516		
800.00	797.47	758.48	758.45	2.73	2.07	-123.55	-2,099.07	-456.08	2,172.32	2,167.54	4.78	454.596		
900.00	895.62	852.92	852.87	3.16	2.40	-123.75	-2,100.42	-456.18	2,184.46	2,178.92	5.53	394.809		
1,000.00	993.06	991.98	991.93	3.63	2.88	-124.25	-2,101.54	-454.79	2,197.90	2,191.45	6.45	340.550		
1,100.00	1,089.64	1,099.85	1,099.78	4.14	3.25	-124.65	-2,101.03	-453.56	2,212.21	2,204.92	7.29	303.614		
1,200.00	1,185.27	1,202.98	1,202.90	4.70	3.60	-125.06	-2,100.12	-452.12	2,228.30	2,220.17	8.13	273.953		
1,300.00	1,279.82	1,302.01	1,301.91	5.30	3.93	-125.47	-2,098.98	-450.83	2,246.44	2,237.44	9.00	249.570		
1,400.00	1,373.17	1,402.05	1,401.94	5.96	4.28	-125.91	-2,097.56	-449.81	2,266.72	2,256.82	9.91	228.833		
1,500.00	1,465.21	1,502.55	1,502.42	6.67	4.62	-126.36	-2,095.71	-449.24	2,289.06	2,278.21	10.85	211.059		
1,600.00	1,555.84	1,588.81	1,588.66	7.44	4.92	-126.72	-2,094.00	-448.48	2,313.71	2,301.94	11.77	196.571		
1,700.00	1,645.41	1,665.84	1,665.68	8.26	5.19	-127.34	-2,092.88	-447.64	2,340.72	2,328.04	12.68	184.546		
1,800.00	1,734.94	1,746.99	1,746.82	9.09	5.47	-128.04	-2,091.94	-448.51	2,368.73	2,355.12	13.61	174.009		
1,900.00	1,824.47	1,841.93	1,841.72	9.94	5.79	-128.82	-2,090.86	-450.63	2,397.28	2,382.69	14.59	164.286		
2,000.00	1,913.99	1,942.02	1,941.77	10.80	6.14	-129.62	-2,089.24	-452.97	2,425.79	2,410.20	15.59	155.588		
2,100.00	2,003.52	2,019.50	2,019.22	11.66	6.41	-130.22	-2,088.14	-454.87	2,454.88	2,438.38	16.50	148.762		
2,200.00	2,093.05	2,095.66	2,095.36	12.53	6.68	-130.81	-2,087.50	-456.59	2,484.86	2,467.46	17.40	142.788		
2,300.00	2,182.58	2,167.31	2,167.00	13.40	6.93	-131.36	-2,087.37	-457.75	2,515.80	2,497.52	18.28	137.646		
2,400.00	2,272.11	2,257.73	2,257.41	14.28	7.24	-132.07	-2,087.69	-458.38	2,547.58	2,528.36	19.22	132.556		
2,500.00	2,361.63	2,364.55	2,364.24	15.16	7.62	-132.89	-2,087.54	-458.78	2,579.30	2,559.08	20.22	127.559		
2,600.00	2,451.16	2,499.03	2,498.68	16.04	8.09	-133.85	-2,085.78	-461.01	2,610.29	2,588.96	21.33	122.370		
2,700.00	2,540.69	2,619.16	2,618.66	16.92	8.51	-134.62	-2,082.58	-465.88	2,640.31	2,617.92	22.39	117.944		
2,800.00	2,630.22	2,769.29	2,768.35	17.81	9.05	-135.49	-2,076.48	-475.43	2,669.31	2,645.74	23.57	113.273		
2,900.00	2,719.75	2,851.56	2,850.21	18.70	9.34	-135.90	-2,072.48	-482.72	2,697.57	2,673.09	24.47	110.218		
3,000.00	2,809.28	2,926.12	2,924.31	19.58	9.62	-136.26	-2,069.24	-490.33	2,726.43	2,701.07	25.35	107.544		
3,100.00	2,898.80	2,993.05	2,990.78	20.47	9.86	-136.55	-2,066.91	-497.82	2,756.18	2,729.99	26.19	105.230		
3,200.00	2,988.33	3,080.08	3,077.12	21.36	10.18	-136.91	-2,064.68	-508.45	2,786.84	2,759.72	27.12	102.753		
3,300.00	3,077.86	3,225.45	3,221.07	22.26	10.73	-137.45	-2,059.50	-527.94	2,816.56	2,788.23	28.33	99.427		
3,400.00	3,167.39	3,297.00	3,291.81	23.15	11.01	-137.70	-2,056.78	-538.35	2,846.08	2,816.88	29.20	97.482		
3,500.00	3,256.92	3,348.33	3,342.65	24.04	11.20	-137.88	-2,055.38	-545.31	2,876.74	2,846.78	29.96	96.032		
3,600.00	3,346.44	3,428.08	3,421.86	24.93	11.50	-138.20	-2,054.00	-554.49	2,908.62	2,877.78	30.84	94.312		
3,700.00	3,435.97	3,595.07	3,587.79	25.83	12.14	-138.86	-2,048.79	-572.49	2,939.47	2,907.33	32.14	91.460		
3,800.00	3,525.50	3,688.45	3,680.34	26.72	12.50	-139.20	-2,044.49	-584.06	2,968.85	2,935.76	33.09	89.712		
3,900.00	3,615.03	3,745.00	3,736.44	27.62	12.72	-139.40	-2,042.41	-590.88	2,999.23	2,965.37	33.86	88.573		
4,000.00	3,704.56	3,811.59	3,802.56	28.51	12.98	-139.64	-2,040.62	-598.52	3,030.70	2,996.03	34.67	87.417		
4,100.00	3,794.09	3,890.25	3,880.74	29.41	13.28	-139.93	-2,039.10	-607.13	3,063.00	3,027.47	35.53	86.207		
4,200.00	3,883.61	4,042.48	4,032.10	30.30	13.87	-140.50	-2,035.01	-622.82	3,094.89	3,058.14	36.76	84.199		
4,300.00	3,973.14	9,735.60	6,988.52	31.20	60.03	170.85	1,040.16	-663.88	3,049.83	3,012.86	36.97	82.494		
4,400.00	4,062.67	9,761.25	6,988.76	32.10	60.45	170.13	1,065.81	-664.09	2,965.54	2,927.66	37.88	78.280		
4,500.00	4,152.20	9,798.40	6,989.13	32.99	61.06	169.07	1,102.96	-664.40	2,881.89	2,842.96	38.93	74.026		
4,600.00	4,241.73	9,835.23	6,989.45	33.89	61.66	167.99	1,139.79	-664.71	2,798.88	2,758.83	40.05	69.878		
4,700.00	4,331.26	9,872.47	6,989.71	34.79	62.27	166.87	1,177.02	-665.02	2,716.58	2,675.31	41.27	65.829		
4,800.00	4,420.78	9,909.85	6,989.90	35.69	62.88	165.73	1,214.41	-665.31	2,635.03	2,592.45	42.58	61.884		
4,900.00	4,510.31	9,949.82	6,990.02	36.58	63.54	164.47	1,254.37	-665.62	2,554.32	2,510.30	44.02	58.025		
5,000.00	4,599.84	10,004.32	6,989.84	37.48	64.44	162.72	1,308.87	-666.16	2,474.40	2,428.69	45.70	54.142		
5,100.00	4,689.37	10,051.53	6,989.35	38.38	65.22	161.16	1,356.07	-666.81	2,395.29	2,347.82	47.47	50.456		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	10,093.40	6,988.76	39.28	65.91	159.74	1,397.93	-667.70	2,317.23	2,267.88	49.35	46.955		
5,300.00	4,868.42	10,135.30	6,988.08	40.18	66.61	158.30	1,439.81	-668.92	2,240.32	2,188.93	51.39	43.595		
5,400.00	4,957.95	10,169.81	6,987.51	41.07	67.19	157.10	1,474.29	-670.21	2,164.78	2,111.25	53.53	40.440		
5,500.00	5,047.48	10,207.03	6,986.90	41.97	67.81	155.78	1,511.46	-671.89	2,090.72	2,034.84	55.88	37.413		
5,600.00	5,137.01	10,230.97	6,986.62	42.87	68.21	154.93	1,535.36	-673.22	2,018.42	1,960.14	58.28	34.635		
5,700.00	5,226.54	10,255.68	6,986.60	43.77	68.63	154.04	1,560.01	-674.94	1,948.16	1,887.30	60.86	32.009		
5,800.00	5,316.07	10,282.66	6,986.90	44.67	69.08	153.08	1,586.89	-677.24	1,880.13	1,816.46	63.67	29.531		
5,900.00	5,405.59	10,337.93	6,988.08	45.57	70.02	151.09	1,641.84	-683.08	1,814.37	1,747.37	67.01	27.076		
6,000.00	5,495.12	10,411.70	6,988.85	46.47	71.27	148.37	1,715.01	-692.38	1,750.28	1,679.44	70.84	24.709		
6,100.00	5,584.65	10,466.36	6,989.04	47.37	72.20	146.31	1,769.11	-700.20	1,688.39	1,613.69	74.70	22.602		
6,200.00	5,674.18	10,514.04	6,989.06	48.27	73.02	144.48	1,816.21	-707.59	1,629.13	1,550.39	78.74	20.690		
6,300.00	5,763.71	10,559.93	6,989.03	49.16	73.81	142.70	1,861.48	-715.12	1,572.94	1,489.93	83.01	18.950		
6,400.00	5,853.23	10,595.05	6,988.97	50.06	74.41	141.31	1,896.11	-721.02	1,520.26	1,432.91	87.35	17.405		
6,500.00	5,942.76	10,627.40	6,988.86	50.96	74.96	140.02	1,928.02	-726.29	1,471.69	1,379.85	91.84	16.024		
6,600.00	6,032.29	10,659.27	6,988.71	51.86	75.51	138.74	1,959.49	-731.31	1,427.67	1,331.19	96.47	14.798		
6,700.00	6,121.82	10,686.45	6,988.59	52.76	75.98	137.63	1,986.36	-735.43	1,388.70	1,287.61	101.09	13.737		
6,800.00	6,211.35	10,713.76	6,988.50	53.66	76.45	136.51	2,013.38	-739.40	1,355.29	1,249.59	105.70	12.822		
6,900.00	6,300.88	10,741.00	6,988.46	54.56	76.92	135.38	2,040.35	-743.18	1,327.85	1,217.66	110.20	12.050		
7,000.00	6,390.40	10,768.78	6,988.41	55.46	77.40	134.23	2,067.89	-746.84	1,306.76	1,192.26	114.50	11.413		
7,100.00	6,479.90	10,795.87	6,988.24	56.36	77.87	134.79	2,094.78	-750.17	1,292.44	1,173.97	118.48	10.979		
7,136.75	6,512.18	10,805.58	6,988.15	56.75	78.03	139.09	2,104.42	-751.31	1,290.79	1,170.94	119.85	10.700 CC, ES		
7,200.00	6,565.62	10,821.88	6,987.96	57.41	78.32	144.67	2,120.61	-753.15	1,295.68	1,173.64	122.04	10.616		
7,300.00	6,643.25	10,845.94	6,987.62	58.67	78.73	150.23	2,144.53	-755.72	1,322.89	1,197.88	125.01	10.582 SF		
7,400.00	6,710.45	10,868.02	6,987.39	60.11	79.11	153.21	2,166.50	-757.95	1,371.95	1,244.67	127.29	10.779		
7,500.00	6,765.16	10,887.88	6,987.31	61.71	79.45	154.38	2,186.27	-759.87	1,439.38	1,310.44	128.94	11.163		
7,600.00	6,805.74	10,904.65	6,987.32	63.40	79.74	153.86	2,202.97	-761.43	1,520.97	1,390.89	130.08	11.693		
7,700.00	6,830.93	10,917.68	6,987.39	65.14	79.97	150.66	2,215.94	-762.60	1,612.44	1,481.63	130.82	12.326		
7,800.00	6,839.98	10,927.00	6,987.47	66.86	80.13	137.31	2,225.23	-763.41	1,709.80	1,578.53	131.27	13.026		
7,900.00	6,840.00	10,927.00	6,987.47	68.58	80.13	135.74	2,225.23	-763.41	1,809.01	1,677.70	131.31	13.776		
8,000.00	6,840.00	10,939.33	6,987.61	70.35	80.34	133.56	2,237.51	-764.46	1,908.25	1,776.46	131.80	14.479		
8,100.00	6,840.00	10,945.47	6,987.69	72.18	80.44	132.54	2,243.63	-764.97	2,007.55	1,875.50	132.05	15.202		
8,200.00	6,840.00	10,951.46	6,987.79	74.06	80.55	131.58	2,249.59	-765.46	2,106.90	1,974.59	132.30	15.925		
8,300.00	6,840.00	10,957.28	6,987.89	75.98	80.65	130.69	2,255.40	-765.93	2,206.28	2,073.73	132.54	16.646		
8,400.00	6,840.00	10,962.95	6,987.99	77.96	80.75	129.85	2,261.05	-766.39	2,305.69	2,172.91	132.78	17.365		
8,500.00	6,840.00	10,968.48	6,988.11	79.97	80.84	129.07	2,266.56	-766.82	2,405.13	2,272.13	133.00	18.083		
8,600.00	6,840.00	10,973.86	6,988.22	82.03	80.93	128.33	2,271.93	-767.24	2,504.60	2,371.37	133.22	18.800		
8,700.00	6,840.00	10,979.11	6,988.35	84.12	81.02	127.63	2,277.16	-767.64	2,604.09	2,470.65	133.44	19.516		
8,800.00	6,840.00	10,984.23	6,988.48	86.25	81.11	126.98	2,282.26	-768.03	2,703.60	2,569.96	133.64	20.230		
8,900.00	6,840.00	10,989.23	6,988.61	88.41	81.20	126.36	2,287.24	-768.40	2,803.13	2,669.29	133.85	20.943		
9,000.00	6,840.00	10,994.10	6,988.74	90.60	81.28	125.78	2,292.10	-768.76	2,902.69	2,768.64	134.05	21.654		
9,100.00	6,840.00	10,998.85	6,988.88	92.82	81.36	125.22	2,296.84	-769.11	3,002.26	2,868.02	134.24	22.365		
9,200.00	6,840.00	11,003.50	6,989.02	95.07	81.44	124.70	2,301.47	-769.44	3,101.84	2,967.41	134.43	23.074		
9,300.00	6,840.00	11,019.00	6,989.54	97.34	81.71	123.06	2,316.92	-770.52	3,201.48	3,066.46	135.02	23.711		
9,400.00	6,840.00	11,019.00	6,989.54	99.64	81.71	123.06	2,316.92	-770.52	3,301.07	3,166.03	135.04	24.445		
9,500.00	6,840.00	11,019.00	6,989.54	101.95	81.71	123.06	2,316.92	-770.52	3,400.69	3,265.63	135.06	25.179		
9,600.00	6,840.00	11,019.00	6,989.54	104.29	81.71	123.06	2,316.92	-770.52	3,500.33	3,365.25	135.08	25.913		
9,700.00	6,840.00	11,019.00	6,989.54	106.64	81.71	123.06	2,316.92	-770.52	3,599.99	3,464.89	135.10	26.647		
9,800.00	6,840.00	11,019.00	6,989.54	109.02	81.71	123.06	2,316.92	-770.52	3,699.67	3,564.55	135.12	27.381		
9,900.00	6,840.00	11,019.00	6,989.54	111.41	81.71	123.06	2,316.92	-770.52	3,799.36	3,664.22	135.14	28.115		
10,000.00	6,840.00	11,019.00	6,989.54	113.81	81.71	123.06	2,316.92	-770.52	3,899.07	3,763.92	135.16	28.849		
10,100.00	6,840.00	11,019.00	6,989.54	116.23	81.71	123.06	2,316.92	-770.52	3,998.80	3,863.62	135.18	29.582		
10,200.00	6,840.00	11,019.00	6,989.54	118.67	81.71	123.06	2,316.92	-770.52	4,098.54	3,963.34	135.19	30.316		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	11,019.00	6,989.54	121.11	81.71	123.06	2,316.92	-770.52	4,198.29	4,063.07	135.21	31.049		
10,400.00	6,840.00	11,019.00	6,989.54	123.57	81.71	123.06	2,316.92	-770.52	4,298.05	4,162.82	135.23	31.782		
10,500.00	6,840.00	11,019.00	6,989.54	126.04	81.71	123.06	2,316.92	-770.52	4,397.82	4,262.57	135.26	32.515		
10,600.00	6,840.00	11,019.00	6,989.54	128.52	81.71	123.06	2,316.92	-770.52	4,497.61	4,362.33	135.28	33.248		
10,700.00	6,840.00	11,019.00	6,989.54	131.01	81.71	123.06	2,316.92	-770.52	4,597.40	4,462.10	135.30	33.980		
10,800.00	6,840.00	11,019.00	6,989.54	133.51	81.71	123.06	2,316.92	-770.52	4,697.20	4,561.88	135.32	34.712		
10,900.00	6,840.00	11,049.14	6,990.73	136.02	82.23	120.29	2,346.98	-772.37	4,796.70	4,660.25	136.46	35.152		
11,000.00	6,840.00	11,050.92	6,990.81	138.53	82.26	120.14	2,348.76	-772.47	4,896.49	4,759.94	136.55	35.860		
11,100.00	6,840.00	11,052.66	6,990.89	141.06	82.29	120.00	2,350.49	-772.56	4,996.28	4,859.64	136.63	36.567		
11,200.00	6,840.00	11,054.34	6,990.97	143.59	82.32	119.86	2,352.17	-772.65	5,096.07	4,959.35	136.72	37.274		
11,300.00	6,840.00	11,055.99	6,991.04	146.13	82.34	119.73	2,353.81	-772.73	5,195.87	5,059.07	136.80	37.981		
11,400.00	6,840.00	11,057.59	6,991.12	148.68	82.37	119.60	2,355.41	-772.82	5,295.68	5,158.79	136.89	38.687		
11,500.00	6,840.00	11,059.14	6,991.19	151.23	82.40	119.48	2,356.96	-772.89	5,395.49	5,258.53	136.97	39.392		
11,600.00	6,840.00	11,060.66	6,991.26	153.79	82.42	119.36	2,358.48	-772.97	5,495.31	5,358.26	137.05	40.097		
11,700.00	6,840.00	11,062.14	6,991.33	156.35	82.45	119.24	2,359.95	-773.04	5,595.13	5,458.01	137.13	40.802		
11,800.00	6,840.00	11,063.58	6,991.40	158.92	82.47	119.13	2,361.39	-773.11	5,694.96	5,557.75	137.21	41.506		
11,900.00	6,840.00	11,064.99	6,991.47	161.49	82.50	119.03	2,362.79	-773.18	5,794.80	5,657.51	137.29	42.210		
12,000.00	6,840.00	11,066.36	6,991.54	164.07	82.52	118.92	2,364.16	-773.24	5,894.63	5,757.27	137.36	42.913		
12,100.00	6,840.00	11,067.70	6,991.60	166.66	82.54	118.82	2,365.50	-773.30	5,994.47	5,857.03	137.44	43.615		
12,200.00	6,840.00	11,069.01	6,991.67	169.25	82.57	118.72	2,366.80	-773.36	6,094.32	5,956.80	137.52	44.317		
12,300.00	6,840.00	11,070.28	6,991.73	171.84	82.59	118.63	2,368.08	-773.42	6,194.17	6,056.58	137.59	45.019		
12,400.00	6,840.00	11,071.53	6,991.79	174.44	82.61	118.54	2,369.32	-773.48	6,294.02	6,156.36	137.66	45.720		
12,500.00	6,840.00	11,072.75	6,991.85	177.04	82.63	118.45	2,370.53	-773.53	6,393.88	6,256.14	137.74	46.421		
12,600.00	6,840.00	11,073.93	6,991.91	179.64	82.65	118.36	2,371.72	-773.58	6,493.74	6,355.93	137.81	47.121		
12,700.00	6,840.00	11,075.10	6,991.97	182.25	82.67	118.28	2,372.88	-773.63	6,593.60	6,455.72	137.88	47.820		
12,800.00	6,840.00	11,076.23	6,992.03	184.86	82.69	118.20	2,374.01	-773.68	6,693.47	6,555.52	137.95	48.519		
12,900.00	6,840.00	11,077.35	6,992.09	187.47	82.71	118.12	2,375.12	-773.72	6,793.34	6,655.32	138.03	49.218		
13,000.00	6,840.00	11,078.43	6,992.15	190.09	82.73	118.04	2,376.21	-773.77	6,893.21	6,755.12	138.10	49.916		
13,100.00	6,840.00	11,113.00	6,994.13	192.71	83.32	115.84	2,410.70	-774.91	6,993.43	6,854.02	139.41	50.163		
13,200.00	6,840.00	11,113.00	6,994.13	195.34	83.32	115.84	2,410.70	-774.91	7,093.29	6,953.85	139.44	50.868		
13,300.00	6,840.00	11,113.00	6,994.13	197.96	83.32	115.84	2,410.70	-774.91	7,193.15	7,053.68	139.48	51.573		
13,400.00	6,840.00	11,113.00	6,994.13	200.59	83.32	115.84	2,410.70	-774.91	7,293.02	7,153.51	139.51	52.277		
13,500.00	6,840.00	11,113.00	6,994.13	203.22	83.32	115.84	2,410.70	-774.91	7,392.88	7,253.34	139.54	52.981		
13,600.00	6,840.00	11,113.00	6,994.13	205.85	83.32	115.84	2,410.70	-774.91	7,492.76	7,353.18	139.57	53.684		
13,700.00	6,840.00	11,113.00	6,994.13	208.49	83.32	115.84	2,410.70	-774.91	7,592.63	7,453.03	139.60	54.387		
13,800.00	6,840.00	11,113.00	6,994.13	211.13	83.32	115.84	2,410.70	-774.91	7,692.51	7,552.87	139.64	55.089		
13,900.00	6,840.00	11,113.00	6,994.13	213.77	83.32	115.84	2,410.70	-774.91	7,792.39	7,652.72	139.67	55.791		
14,000.00	6,840.00	11,113.00	6,994.13	216.41	83.32	115.84	2,410.70	-774.91	7,892.28	7,752.57	139.71	56.492		
14,100.00	6,840.00	11,113.00	6,994.13	219.06	83.32	115.84	2,410.70	-774.91	7,992.16	7,852.42	139.74	57.193		
14,200.00	6,840.00	11,113.00	6,994.13	221.70	83.32	115.84	2,410.70	-774.91	8,092.05	7,952.28	139.78	57.893		
14,300.00	6,840.00	11,113.00	6,994.13	224.35	83.32	115.84	2,410.70	-774.91	8,191.95	8,052.14	139.81	58.593		
14,400.00	6,840.00	11,113.00	6,994.13	227.00	83.32	115.84	2,410.70	-774.91	8,291.84	8,152.00	139.85	59.292		
14,500.00	6,840.00	11,113.00	6,994.13	229.65	83.32	115.84	2,410.70	-774.91	8,391.74	8,251.86	139.88	59.991		
14,600.00	6,840.00	11,113.00	6,994.13	232.30	83.32	115.84	2,410.70	-774.91	8,491.64	8,351.72	139.92	60.689		
14,700.00	6,840.00	11,113.00	6,994.13	234.96	83.32	115.84	2,410.70	-774.91	8,591.54	8,451.59	139.96	61.387		
14,800.00	6,840.00	11,113.00	6,994.13	237.61	83.32	115.84	2,410.70	-774.91	8,691.45	8,551.45	139.99	62.084		
14,900.00	6,840.00	11,113.00	6,994.13	240.27	83.32	115.84	2,410.70	-774.91	8,791.36	8,651.32	140.03	62.781		
15,000.00	6,840.00	11,113.00	6,994.13	242.93	83.32	115.84	2,410.70	-774.91	8,891.27	8,751.19	140.07	63.477		
15,100.00	6,840.00	11,113.00	6,994.13	245.59	83.32	115.84	2,410.70	-774.91	8,991.18	8,851.07	140.11	64.172		
15,200.00	6,840.00	11,113.00	6,994.13	248.25	83.32	115.84	2,410.70	-774.91	9,091.09	8,950.94	140.15	64.867		
15,300.00	6,840.00	11,113.00	6,994.13	250.92	83.32	115.84	2,410.70	-774.91	9,191.00	9,050.82	140.19	65.562		
15,400.00	6,840.00	11,113.00	6,994.13	253.58	83.32	115.84	2,410.70	-774.91	9,290.92	9,150.69	140.23	66.256		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	11,113.00	6,994.13	256.25	83.32	115.84	2,410.70	-774.91	9,390.84	9,250.57	140.27	66.949	
15,600.00	6,840.00	11,113.00	6,994.13	258.91	83.32	115.84	2,410.70	-774.91	9,490.76	9,350.45	140.31	67.642	
15,700.00	6,840.00	11,113.00	6,994.13	261.58	83.32	115.84	2,410.70	-774.91	9,590.68	9,450.33	140.35	68.334	
15,800.00	6,840.00	11,113.00	6,994.13	264.25	83.32	115.84	2,410.70	-774.91	9,690.61	9,550.21	140.39	69.025	
15,900.00	6,840.00	11,113.00	6,994.13	266.92	83.32	115.84	2,410.70	-774.91	9,790.53	9,650.10	140.43	69.716	
16,000.00	6,840.00	11,113.00	6,994.13	269.59	83.32	115.84	2,410.70	-774.91	9,890.46	9,749.98	140.48	70.406	
16,100.00	6,840.00	11,113.00	6,994.13	272.26	83.32	115.84	2,410.70	-774.91	9,990.39	9,849.87	140.52	71.096	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-38.57	2,620.89	-2,090.08	3,352.24					
100.00	100.00	63.00	63.00	0.13	0.11	-38.57	2,620.89	-2,090.08	3,352.24	3,352.00	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.57	2,620.89	-2,090.08	3,352.24	3,351.47	0.77	4,343.556		
300.00	300.00	263.00	263.00	0.85	0.45	-38.57	2,620.89	-2,090.08	3,352.24	3,350.94	1.30	2,576.004		
400.00	399.98	362.98	362.98	1.21	0.62	6.07	2,620.89	-2,090.08	3,350.50	3,348.67	1.83	1,831.040		
500.00	499.84	462.84	462.84	1.57	0.79	6.09	2,620.89	-2,090.08	3,345.30	3,342.94	2.36	1,416.288		
600.00	599.45	562.45	562.45	1.94	0.96	6.12	2,620.89	-2,090.08	3,336.63	3,333.74	2.90	1,151.875		
700.00	698.70	661.70	661.70	2.32	1.13	6.17	2,620.89	-2,090.08	3,324.52	3,321.08	3.43	968.325		
800.00	797.47	746.23	746.23	2.73	1.44	6.24	2,621.56	-2,089.63	3,309.23	3,305.13	4.11	805.758		
900.00	895.62	844.68	844.67	3.16	1.79	6.35	2,622.75	-2,088.80	3,290.69	3,285.85	4.83	681.126		
1,000.00	993.06	942.41	942.38	3.63	2.14	6.47	2,623.96	-2,087.94	3,268.74	3,263.18	5.56	588.267		
1,100.00	1,089.64	1,037.55	1,037.52	4.14	2.48	6.60	2,625.14	-2,087.10	3,243.43	3,237.15	6.28	516.709		
1,200.00	1,185.27	1,129.61	1,129.56	4.70	2.81	6.75	2,626.20	-2,086.53	3,214.87	3,207.88	6.99	459.821		
1,300.00	1,279.82	1,220.73	1,220.68	5.30	3.13	6.91	2,627.16	-2,086.26	3,183.13	3,175.42	7.71	412.976		
1,400.00	1,373.17	1,314.19	1,314.14	5.96	3.47	7.09	2,628.02	-2,086.26	3,148.21	3,139.77	8.44	373.152		
1,500.00	1,465.21	1,448.95	1,448.86	6.67	3.95	7.38	2,629.69	-2,084.63	3,109.71	3,100.40	9.31	334.022		
1,600.00	1,555.84	1,569.59	1,569.25	7.44	4.38	7.79	2,633.13	-2,077.79	3,066.62	3,056.48	10.14	302.473		
1,700.00	1,645.41	1,684.69	1,683.88	8.26	4.80	8.19	2,637.57	-2,068.46	3,020.86	3,009.90	10.95	275.760		
1,800.00	1,734.94	1,822.78	1,820.35	9.09	5.32	8.82	2,646.10	-2,049.39	2,973.56	2,961.70	11.86	250.684		
1,900.00	1,824.47	1,910.51	1,906.39	9.94	5.68	9.33	2,653.26	-2,033.79	2,925.76	2,913.14	12.62	231.748		
2,000.00	1,913.99	2,002.78	1,996.51	10.80	6.07	9.91	2,661.74	-2,015.96	2,878.08	2,864.66	13.43	214.318		
2,100.00	2,003.52	2,130.07	2,120.11	11.66	6.63	10.82	2,674.35	-1,988.30	2,829.96	2,815.56	14.40	196.549		
2,200.00	2,093.05	2,183.22	2,171.32	12.53	6.89	11.25	2,680.47	-1,975.42	2,781.89	2,766.78	15.12	184.037		
2,300.00	2,182.58	2,243.11	2,228.83	13.40	7.18	11.76	2,688.14	-1,960.62	2,734.86	2,718.98	15.87	172.275		
2,400.00	2,272.11	2,400.00	2,339.41	14.28	7.94	12.68	2,700.90	-1,935.42	2,688.41	2,671.33	17.08	157.414		
2,500.00	2,361.63	2,466.56	2,445.12	15.16	8.25	13.60	2,711.78	-1,909.84	2,640.64	2,622.77	17.87	147.737		
2,600.00	2,451.16	2,526.36	2,502.50	16.04	8.60	14.17	2,718.79	-1,894.55	2,593.58	2,574.88	18.70	138.722		
2,700.00	2,540.69	2,588.65	2,562.24	16.92	8.93	14.77	2,726.60	-1,878.71	2,547.60	2,528.05	19.55	130.298		
2,800.00	2,630.22	2,698.66	2,667.81	17.81	9.53	15.87	2,740.18	-1,850.92	2,502.05	2,481.39	20.65	121.152		
2,900.00	2,719.75	2,808.36	2,771.98	18.70	10.16	17.10	2,754.07	-1,819.51	2,455.75	2,433.93	21.81	112.587		
3,000.00	2,809.28	2,877.28	2,837.07	19.58	10.58	17.92	2,763.25	-1,798.80	2,410.01	2,387.20	22.81	105.668		
3,100.00	2,898.80	2,946.55	2,902.53	20.47	11.00	18.77	2,772.67	-1,778.23	2,365.30	2,341.47	23.83	99.263		
3,200.00	2,988.33	3,021.59	2,973.69	21.36	11.45	19.69	2,782.81	-1,756.69	2,321.59	2,296.70	24.89	93.272		
3,300.00	3,077.86	3,103.13	3,051.96	22.26	11.92	20.64	2,792.51	-1,735.98	2,278.62	2,252.63	25.99	87.684		
3,400.00	3,167.39	3,184.78	3,130.34	23.15	12.38	21.63	2,802.22	-1,715.24	2,236.29	2,209.19	27.09	82.541		
3,500.00	3,256.92	3,268.08	3,211.03	24.04	12.84	22.59	2,810.97	-1,696.59	2,194.62	2,166.42	28.21	77.804		
3,600.00	3,346.44	3,349.70	3,290.71	24.93	13.25	23.50	2,818.56	-1,680.62	2,153.60	2,124.31	29.29	73.538		
3,700.00	3,435.97	3,422.39	3,361.77	25.83	13.61	24.32	2,825.35	-1,666.88	2,113.40	2,083.05	30.35	69.642		
3,800.00	3,525.50	3,521.49	3,458.36	26.72	14.12	25.50	2,835.19	-1,647.04	2,073.94	2,042.38	31.56	65.710		
3,900.00	3,615.03	3,603.06	3,537.60	27.62	14.56	26.55	2,843.22	-1,629.43	2,034.61	2,001.86	32.75	62.133		
4,000.00	3,704.56	3,669.37	3,601.79	28.51	14.92	27.44	2,850.36	-1,614.38	1,996.48	1,962.58	33.90	58.898		
4,100.00	3,794.09	3,732.00	3,662.20	29.41	15.27	28.33	2,857.99	-1,599.75	1,960.11	1,925.05	35.06	55.904		
4,200.00	3,883.61	3,848.59	3,773.85	30.30	15.96	30.13	2,872.39	-1,569.44	1,924.18	1,887.56	36.62	52.544		
4,300.00	3,973.14	3,920.85	3,842.34	31.20	16.41	31.34	2,881.56	-1,548.31	1,889.01	1,851.03	37.98	49.736		
4,400.00	4,062.67	3,999.90	3,916.99	32.10	16.92	32.73	2,891.96	-1,524.48	1,855.33	1,815.90	39.44	47.044		
4,500.00	4,152.20	4,080.96	3,993.81	32.99	17.44	34.16	2,902.44	-1,500.82	1,823.04	1,782.12	40.93	44.545		
4,600.00	4,241.73	4,215.06	4,122.73	33.89	18.23	36.44	2,917.14	-1,467.12	1,791.34	1,748.62	42.73	41.927		
4,700.00	4,331.26	4,290.47	4,195.80	34.79	18.64	37.71	2,923.97	-1,449.85	1,759.49	1,715.36	44.14	39.864		
4,800.00	4,420.78	4,390.22	4,292.55	35.69	19.18	39.42	2,932.65	-1,427.19	1,728.65	1,682.93	45.72	37.810		
4,900.00	4,510.31	4,492.54	4,392.66	36.58	19.69	41.13	2,940.02	-1,407.35	1,698.12	1,650.84	47.27	35.921		
5,000.00	4,599.84	4,573.92	4,472.67	37.48	20.08	42.46	2,945.35	-1,393.47	1,668.38	1,619.67	48.71	34.253		
5,100.00	4,689.37	4,660.10	4,557.56	38.38	20.47	43.89	2,950.99	-1,379.78	1,639.87	1,589.70	50.17	32.686		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,765.55	4,661.78	39.28	20.93	45.61	2,957.25	-1,365.03	1,612.07	1,560.36	51.70	31.179		
5,300.00	4,868.42	4,855.88	4,751.42	40.18	21.29	47.05	2,961.79	-1,354.85	1,584.57	1,531.43	53.15	29.814		
5,400.00	4,957.95	4,937.96	4,833.04	41.07	21.61	48.34	2,966.01	-1,347.22	1,558.21	1,503.65	54.55	28.563		
5,500.00	5,047.48	5,061.38	4,956.01	41.97	22.05	50.24	2,971.74	-1,338.61	1,532.45	1,476.40	56.05	27.341		
5,600.00	5,137.01	5,205.04	5,099.60	42.87	22.46	52.31	2,973.28	-1,335.65	1,503.71	1,446.29	57.42	26.187		
5,700.00	5,226.54	5,294.81	5,189.37	43.77	22.70	53.60	2,973.27	-1,335.36	1,475.01	1,416.26	58.76	25.103		
5,800.00	5,316.07	5,384.58	5,279.15	44.67	22.94	54.94	2,973.24	-1,335.10	1,447.11	1,386.99	60.11	24.073		
5,900.00	5,405.59	5,475.93	5,370.49	45.57	23.19	56.34	2,973.18	-1,334.88	1,420.03	1,358.54	61.49	23.095		
6,000.00	5,495.12	5,569.94	5,464.50	46.47	23.43	57.83	2,972.90	-1,334.89	1,393.61	1,330.75	62.87	22.167		
6,100.00	5,584.65	5,663.95	5,558.52	47.37	23.68	59.35	2,972.36	-1,335.19	1,367.86	1,303.59	64.27	21.284		
6,200.00	5,674.18	5,757.98	5,652.54	48.27	23.92	60.92	2,971.56	-1,335.77	1,342.79	1,277.11	65.68	20.446		
6,300.00	5,763.71	5,835.27	5,729.82	49.16	24.12	62.23	2,971.45	-1,336.69	1,319.22	1,252.11	67.10	19.659		
6,400.00	5,853.23	5,917.79	5,812.33	50.06	24.33	63.64	2,971.88	-1,338.11	1,297.17	1,228.64	68.53	18.928		
6,500.00	5,942.76	6,001.06	5,895.57	50.96	24.55	65.07	2,972.96	-1,340.02	1,276.71	1,206.75	69.96	18.250		
6,600.00	6,032.29	6,116.47	6,010.93	51.86	24.85	67.12	2,973.52	-1,342.92	1,256.54	1,185.19	71.36	17.609		
6,700.00	6,121.82	6,187.42	6,081.88	52.76	25.05	68.45	2,973.48	-1,343.84	1,237.50	1,164.67	72.83	16.991		
6,800.00	6,211.35	6,259.00	6,153.45	53.66	25.25	69.86	2,974.14	-1,343.52	1,221.15	1,146.86	74.29	16.437		
6,900.00	6,300.88	6,339.26	6,233.70	54.56	25.49	71.50	2,975.09	-1,342.29	1,206.89	1,131.13	75.76	15.931		
7,000.00	6,390.40	6,388.00	6,282.40	55.46	25.65	72.48	2,976.87	-1,341.66	1,196.12	1,119.01	77.11	15.512		
7,100.00	6,479.90	6,436.00	6,330.19	56.36	25.81	75.13	2,981.15	-1,340.96	1,190.62	1,112.29	78.33	15.197		
7,114.56	6,492.78	6,436.00	6,330.19	56.51	25.81	77.13	2,981.15	-1,340.96	1,190.44	1,111.95	78.49	15.169	CC, ES	
7,200.00	6,565.62	6,461.74	6,355.67	57.41	25.90	86.23	2,984.81	-1,340.48	1,196.18	1,116.72	79.46	15.054	SF	
7,300.00	6,643.25	6,496.78	6,390.13	58.67	26.03	92.03	2,991.11	-1,339.79	1,216.57	1,135.80	80.77	15.062		
7,400.00	6,710.45	6,531.00	6,423.49	60.11	26.15	94.11	2,998.66	-1,339.01	1,251.11	1,168.92	82.19	15.222		
7,500.00	6,765.16	6,554.23	6,445.96	61.71	26.25	92.86	3,004.51	-1,338.43	1,298.44	1,214.90	83.53	15.544		
7,600.00	6,805.74	6,578.00	6,468.80	63.40	26.34	88.95	3,011.06	-1,337.84	1,356.66	1,271.76	84.91	15.978		
7,700.00	6,830.93	6,578.00	6,468.80	65.14	26.34	81.18	3,011.06	-1,337.84	1,423.46	1,337.56	85.90	16.571		
7,800.00	6,839.98	6,578.00	6,468.80	66.86	26.34	70.94	3,011.06	-1,337.84	1,496.18	1,409.35	86.83	17.231		
7,900.00	6,840.00	6,578.00	6,468.80	68.58	26.34	70.37	3,011.06	-1,337.84	1,572.30	1,484.65	87.65	17.939		
8,000.00	6,840.00	6,578.00	6,468.80	70.35	26.34	70.37	3,011.06	-1,337.84	1,650.96	1,562.63	88.33	18.691		
8,100.00	6,840.00	6,578.00	6,468.80	72.18	26.34	70.37	3,011.06	-1,337.84	1,731.82	1,642.92	88.90	19.481		
8,200.00	6,840.00	6,578.00	6,468.80	74.06	26.34	70.37	3,011.06	-1,337.84	1,814.59	1,725.22	89.38	20.303		
8,300.00	6,840.00	6,578.00	6,468.80	75.98	26.34	70.37	3,011.06	-1,337.84	1,899.03	1,809.25	89.78	21.153		
8,400.00	6,840.00	6,578.00	6,468.80	77.96	26.34	70.37	3,011.06	-1,337.84	1,984.91	1,894.79	90.11	22.027		
8,500.00	6,840.00	6,578.00	6,468.80	79.97	26.34	70.37	3,011.06	-1,337.84	2,072.05	1,981.66	90.39	22.922		
8,600.00	6,840.00	6,578.00	6,468.80	82.03	26.34	70.37	3,011.06	-1,337.84	2,160.31	2,069.68	90.63	23.836		
8,700.00	6,840.00	6,578.00	6,468.80	84.12	26.34	70.37	3,011.06	-1,337.84	2,249.55	2,158.72	90.84	24.765		
8,800.00	6,840.00	6,578.00	6,468.80	86.25	26.34	70.37	3,011.06	-1,337.84	2,339.67	2,248.66	91.01	25.708		
8,900.00	6,840.00	6,578.00	6,468.80	88.41	26.34	70.37	3,011.06	-1,337.84	2,430.55	2,339.40	91.15	26.664		
9,000.00	6,840.00	6,578.00	6,468.80	90.60	26.34	70.37	3,011.06	-1,337.84	2,522.13	2,430.85	91.28	27.631		
9,100.00	6,840.00	6,578.00	6,468.80	92.82	26.34	70.37	3,011.06	-1,337.84	2,614.32	2,522.94	91.38	28.608		
9,200.00	6,840.00	6,578.00	6,468.80	95.07	26.34	70.37	3,011.06	-1,337.84	2,707.07	2,615.59	91.48	29.593		
9,300.00	6,840.00	6,578.00	6,468.80	97.34	26.34	70.37	3,011.06	-1,337.84	2,800.32	2,708.76	91.55	30.586		
9,400.00	6,840.00	6,578.00	6,468.80	99.64	26.34	70.37	3,011.06	-1,337.84	2,894.01	2,802.39	91.62	31.586		
9,500.00	6,840.00	6,578.00	6,468.80	101.95	26.34	70.37	3,011.06	-1,337.84	2,988.12	2,896.44	91.68	32.593		
9,600.00	6,840.00	6,578.00	6,468.80	104.29	26.34	70.37	3,011.06	-1,337.84	3,082.60	2,990.87	91.73	33.605		
9,700.00	6,840.00	6,567.73	6,458.96	106.64	26.30	69.78	3,008.16	-1,338.10	3,177.38	3,085.74	91.64	34.671		
9,800.00	6,840.00	6,566.57	6,457.84	109.02	26.29	69.71	3,007.84	-1,338.13	3,272.50	3,180.83	91.67	35.699		
9,900.00	6,840.00	6,565.40	6,456.72	111.41	26.29	69.64	3,007.52	-1,338.16	3,367.90	3,276.21	91.69	36.732		
10,000.00	6,840.00	6,564.23	6,455.59	113.81	26.28	69.58	3,007.20	-1,338.18	3,463.56	3,371.85	91.70	37.769		
10,100.00	6,840.00	6,563.06	6,454.47	116.23	26.28	69.51	3,006.88	-1,338.21	3,559.45	3,467.74	91.72	38.810		
10,200.00	6,840.00	6,561.89	6,453.34	118.67	26.28	69.44	3,006.56	-1,338.24	3,655.57	3,563.84	91.72	39.854		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,560.72	6,452.22	121.11	26.27	69.37	3,006.24	-1,338.27	3,751.88	3,660.15	91.73	40.901		
10,400.00	6,840.00	6,559.55	6,451.09	123.57	26.27	69.31	3,005.93	-1,338.30	3,848.39	3,756.65	91.74	41.951		
10,500.00	6,840.00	6,558.38	6,449.96	126.04	26.26	69.24	3,005.61	-1,338.33	3,945.07	3,853.33	91.74	43.003		
10,600.00	6,840.00	6,557.21	6,448.83	128.52	26.26	69.17	3,005.30	-1,338.36	4,041.91	3,950.17	91.74	44.058		
10,700.00	6,840.00	6,556.03	6,447.70	131.01	26.25	69.11	3,004.99	-1,338.39	4,138.90	4,047.15	91.74	45.115		
10,800.00	6,840.00	6,554.86	6,446.57	133.51	26.25	69.04	3,004.68	-1,338.42	4,236.02	4,144.28	91.74	46.173		
10,900.00	6,840.00	6,553.69	6,445.44	136.02	26.24	68.97	3,004.37	-1,338.45	4,333.28	4,241.54	91.74	47.234		
11,000.00	6,840.00	6,552.51	6,444.31	138.53	26.24	68.90	3,004.06	-1,338.48	4,430.66	4,338.92	91.74	48.296		
11,100.00	6,840.00	6,551.33	6,443.17	141.06	26.23	68.84	3,003.75	-1,338.51	4,528.15	4,436.42	91.74	49.360		
11,200.00	6,840.00	6,550.16	6,442.03	143.59	26.23	68.77	3,003.44	-1,338.53	4,625.75	4,534.02	91.73	50.425		
11,300.00	6,840.00	6,548.98	6,440.90	146.13	26.23	68.70	3,003.14	-1,338.56	4,723.45	4,631.72	91.73	51.492		
11,400.00	6,840.00	6,547.80	6,439.76	148.68	26.22	68.63	3,002.83	-1,338.59	4,821.25	4,729.52	91.73	52.559		
11,500.00	6,840.00	6,546.62	6,438.62	151.23	26.22	68.57	3,002.53	-1,338.62	4,919.13	4,827.40	91.73	53.628		
11,600.00	6,840.00	6,545.44	6,437.48	153.79	26.21	68.50	3,002.23	-1,338.65	5,017.09	4,925.37	91.72	54.698		
11,700.00	6,840.00	6,544.26	6,436.34	156.35	26.21	68.43	3,001.93	-1,338.68	5,115.14	5,023.41	91.72	55.768		
11,800.00	6,840.00	6,543.08	6,435.20	158.92	26.20	68.37	3,001.63	-1,338.71	5,213.25	5,121.53	91.72	56.839		
11,900.00	6,840.00	6,541.90	6,434.06	161.49	26.20	68.30	3,001.33	-1,338.74	5,311.44	5,219.72	91.72	57.911		
12,000.00	6,840.00	6,540.72	6,432.91	164.07	26.19	68.23	3,001.04	-1,338.77	5,409.69	5,317.98	91.71	58.984		
12,100.00	6,840.00	6,531.00	6,423.49	166.66	26.15	67.68	2,998.66	-1,339.01	5,508.02	5,416.40	91.62	60.121		
12,200.00	6,840.00	6,531.00	6,423.49	169.25	26.15	67.68	2,998.66	-1,339.01	5,606.39	5,514.76	91.63	61.186		
12,300.00	6,840.00	6,531.00	6,423.49	171.84	26.15	67.68	2,998.66	-1,339.01	5,704.81	5,613.17	91.64	62.252		
12,400.00	6,840.00	6,531.00	6,423.49	174.44	26.15	67.68	2,998.66	-1,339.01	5,803.30	5,711.64	91.65	63.318		
12,500.00	6,840.00	6,531.00	6,423.49	177.04	26.15	67.68	2,998.66	-1,339.01	5,901.83	5,810.16	91.67	64.383		
12,600.00	6,840.00	6,531.00	6,423.49	179.64	26.15	67.68	2,998.66	-1,339.01	6,000.41	5,908.73	91.68	65.449		
12,700.00	6,840.00	6,531.00	6,423.49	182.25	26.15	67.68	2,998.66	-1,339.01	6,099.03	6,007.34	91.69	66.515		
12,800.00	6,840.00	6,531.00	6,423.49	184.86	26.15	67.68	2,998.66	-1,339.01	6,197.70	6,106.00	91.71	67.580		
12,900.00	6,840.00	6,531.00	6,423.49	187.47	26.15	67.68	2,998.66	-1,339.01	6,296.42	6,204.69	91.72	68.645		
13,000.00	6,840.00	6,531.00	6,423.49	190.09	26.15	67.68	2,998.66	-1,339.01	6,395.17	6,303.43	91.74	69.711		
13,100.00	6,840.00	6,531.00	6,423.49	192.71	26.15	67.68	2,998.66	-1,339.01	6,493.96	6,402.20	91.75	70.775		
13,200.00	6,840.00	6,531.00	6,423.49	195.34	26.15	67.68	2,998.66	-1,339.01	6,592.79	6,501.02	91.77	71.840		
13,300.00	6,840.00	6,531.00	6,423.49	197.96	26.15	67.68	2,998.66	-1,339.01	6,691.65	6,599.86	91.79	72.904		
13,400.00	6,840.00	6,531.00	6,423.49	200.59	26.15	67.68	2,998.66	-1,339.01	6,790.54	6,698.74	91.80	73.968		
13,500.00	6,840.00	6,531.00	6,423.49	203.22	26.15	67.68	2,998.66	-1,339.01	6,889.47	6,797.65	91.82	75.031		
13,600.00	6,840.00	6,531.00	6,423.49	205.85	26.15	67.68	2,998.66	-1,339.01	6,988.43	6,896.59	91.84	76.094		
13,700.00	6,840.00	6,531.00	6,423.49	208.49	26.15	67.68	2,998.66	-1,339.01	7,087.42	6,995.56	91.86	77.157		
13,800.00	6,840.00	6,531.00	6,423.49	211.13	26.15	67.68	2,998.66	-1,339.01	7,186.43	7,094.55	91.88	78.219		
13,900.00	6,840.00	6,531.00	6,423.49	213.77	26.15	67.68	2,998.66	-1,339.01	7,285.47	7,193.58	91.89	79.280		
14,000.00	6,840.00	6,531.00	6,423.49	216.41	26.15	67.68	2,998.66	-1,339.01	7,384.54	7,292.63	91.91	80.341		
14,100.00	6,840.00	6,531.00	6,423.49	219.06	26.15	67.68	2,998.66	-1,339.01	7,483.63	7,391.70	91.93	81.402		
14,200.00	6,840.00	6,531.00	6,423.49	221.70	26.15	67.68	2,998.66	-1,339.01	7,582.75	7,490.79	91.96	82.461		
14,300.00	6,840.00	6,531.00	6,423.49	224.35	26.15	67.68	2,998.66	-1,339.01	7,681.89	7,589.91	91.98	83.521		
14,400.00	6,840.00	6,531.00	6,423.49	227.00	26.15	67.68	2,998.66	-1,339.01	7,781.05	7,689.05	92.00	84.579		
14,500.00	6,840.00	6,531.00	6,423.49	229.65	26.15	67.68	2,998.66	-1,339.01	7,880.23	7,788.21	92.02	85.637		
14,600.00	6,840.00	6,531.00	6,423.49	232.30	26.15	67.68	2,998.66	-1,339.01	7,979.43	7,887.39	92.04	86.694		
14,700.00	6,840.00	6,516.34	6,409.24	234.96	26.10	66.85	2,995.26	-1,339.36	8,078.62	7,986.71	91.91	87.900		
14,800.00	6,840.00	6,515.62	6,408.53	237.61	26.10	66.81	2,995.10	-1,339.38	8,177.85	8,085.93	91.92	88.964		
14,900.00	6,840.00	6,514.90	6,407.83	240.27	26.09	66.77	2,994.94	-1,339.40	8,277.11	8,185.17	91.94	90.028		
15,000.00	6,840.00	6,514.19	6,407.14	242.93	26.09	66.73	2,994.78	-1,339.41	8,376.38	8,284.43	91.96	91.091		
15,100.00	6,840.00	6,513.48	6,406.45	245.59	26.09	66.69	2,994.62	-1,339.43	8,475.67	8,383.70	91.97	92.153		
15,200.00	6,840.00	6,512.78	6,405.76	248.25	26.09	66.65	2,994.47	-1,339.45	8,574.98	8,482.99	91.99	93.215		
15,300.00	6,840.00	6,512.08	6,405.08	250.92	26.08	66.61	2,994.32	-1,339.46	8,674.30	8,582.29	92.01	94.276		
15,400.00	6,840.00	6,511.38	6,404.40	253.58	26.08	66.57	2,994.17	-1,339.48	8,773.64	8,681.61	92.03	95.336		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	6,510.70	6,403.73	256.25	26.08	66.53	2,994.02	-1,339.49	8,872.99	8,780.94	92.05	96.395	
15,600.00	6,840.00	6,510.01	6,403.06	258.91	26.08	66.49	2,993.87	-1,339.51	8,972.36	8,880.29	92.07	97.454	
15,700.00	6,840.00	6,509.33	6,402.40	261.58	26.07	66.46	2,993.72	-1,339.52	9,071.74	8,979.65	92.09	98.511	
15,800.00	6,840.00	6,508.66	6,401.74	264.25	26.07	66.42	2,993.58	-1,339.54	9,171.13	9,079.02	92.11	99.568	
15,900.00	6,840.00	6,507.99	6,401.09	266.92	26.07	66.38	2,993.43	-1,339.55	9,270.54	9,178.41	92.13	100.624	
16,000.00	6,840.00	6,507.33	6,400.44	269.59	26.07	66.34	2,993.29	-1,339.57	9,369.96	9,277.81	92.15	101.679	
16,100.00	6,840.00	6,506.67	6,399.80	272.26	26.06	66.31	2,993.15	-1,339.58	9,469.39	9,377.21	92.18	102.733	
16,200.00	6,840.00	6,506.01	6,399.16	274.94	26.06	66.27	2,993.01	-1,339.60	9,568.83	9,476.63	92.20	103.786	
16,300.00	6,840.00	6,505.36	6,398.52	277.61	26.06	66.23	2,992.88	-1,339.61	9,668.29	9,576.07	92.22	104.838	
16,400.00	6,840.00	6,504.71	6,397.89	280.28	26.06	66.20	2,992.74	-1,339.62	9,767.75	9,675.51	92.25	105.889	
16,500.00	6,840.00	6,504.07	6,397.26	282.96	26.05	66.16	2,992.61	-1,339.64	9,867.23	9,774.96	92.27	106.939	
16,600.00	6,840.00	6,503.43	6,396.64	285.64	26.05	66.13	2,992.47	-1,339.65	9,966.71	9,874.42	92.29	107.988	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-38.87	2,620.89	-2,112.40	3,366.20					
100.00	100.00	63.00	63.00	0.13	0.11	-38.87	2,620.89	-2,112.40	3,366.20	3,365.96	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.87	2,620.89	-2,112.40	3,366.20	3,365.43	0.77	4,359.227		
300.00	300.00	263.00	263.00	0.85	0.45	-38.87	2,620.89	-2,112.40	3,366.20	3,364.90	1.30	2,585.359		
400.00	399.98	362.98	362.98	1.21	0.62	5.77	2,620.89	-2,112.40	3,364.47	3,362.63	1.83	1,837.714		
500.00	499.84	462.84	462.84	1.57	0.79	5.79	2,620.89	-2,112.40	3,359.26	3,356.90	2.36	1,421.472		
600.00	599.45	562.45	562.45	1.94	0.96	5.82	2,620.89	-2,112.40	3,350.59	3,347.69	2.90	1,156.115		
700.00	698.70	661.70	661.70	2.32	1.13	5.87	2,620.89	-2,112.40	3,338.46	3,335.03	3.43	971.916		
800.00	797.47	767.89	767.89	2.73	1.47	5.94	2,621.09	-2,112.04	3,322.84	3,318.70	4.14	802.846		
900.00	895.62	879.65	879.65	3.16	1.85	6.02	2,620.88	-2,111.54	3,303.43	3,298.54	4.90	674.803		
1,000.00	993.06	990.38	990.37	3.63	2.23	6.12	2,619.98	-2,111.17	3,280.24	3,274.59	5.65	580.439		
1,100.00	1,089.64	1,084.51	1,084.49	4.14	2.56	6.21	2,618.88	-2,110.99	3,253.51	3,247.15	6.35	512.033		
1,200.00	1,185.27	1,176.74	1,176.72	4.70	2.87	6.32	2,617.79	-2,110.98	3,223.54	3,216.49	7.05	456.938		
1,300.00	1,279.82	1,267.96	1,267.94	5.30	3.19	6.45	2,616.68	-2,111.15	3,190.38	3,182.62	7.76	411.321		
1,400.00	1,373.17	1,358.03	1,358.00	5.96	3.50	6.59	2,615.56	-2,111.48	3,154.06	3,145.59	8.46	372.627		
1,500.00	1,465.21	1,446.90	1,446.86	6.67	3.81	6.75	2,614.43	-2,111.99	3,114.61	3,105.44	9.17	339.540		
1,600.00	1,555.84	1,534.46	1,534.41	7.44	4.12	6.93	2,613.28	-2,112.65	3,072.10	3,062.22	9.88	310.876		
1,700.00	1,645.41	1,618.74	1,618.67	8.26	4.42	7.02	2,612.15	-2,113.50	3,027.51	3,016.93	10.58	286.041		
1,800.00	1,734.94	1,702.58	1,702.50	9.09	4.71	7.08	2,611.01	-2,114.61	2,983.01	2,971.73	11.28	264.375		
1,900.00	1,824.47	1,786.60	1,786.50	9.94	5.01	7.15	2,609.84	-2,116.01	2,938.68	2,926.69	11.99	245.115		
2,000.00	1,913.99	1,878.49	1,878.36	10.80	5.34	7.21	2,608.49	-2,117.82	2,894.48	2,881.75	12.72	227.469		
2,100.00	2,003.52	1,981.03	1,980.87	11.66	5.70	7.27	2,606.57	-2,119.81	2,849.96	2,836.47	13.50	211.165		
2,200.00	2,093.05	2,145.18	2,144.87	12.53	6.29	7.35	2,600.56	-2,122.61	2,804.07	2,789.63	14.44	194.140		
2,300.00	2,182.58	2,220.35	2,219.82	13.40	6.56	7.33	2,595.56	-2,125.45	2,757.22	2,742.08	15.14	182.116		
2,400.00	2,272.11	2,313.38	2,312.41	14.28	6.91	7.25	2,588.22	-2,130.64	2,710.49	2,694.60	15.89	170.569		
2,500.00	2,361.63	2,427.25	2,425.30	15.16	7.34	7.05	2,576.47	-2,139.63	2,663.37	2,646.67	16.70	159.458		
2,600.00	2,451.16	2,548.23	2,544.72	16.04	7.81	6.75	2,560.59	-2,150.71	2,614.93	2,597.39	17.54	149.107		
2,700.00	2,540.69	2,642.43	2,637.62	16.92	8.19	6.50	2,547.62	-2,159.28	2,566.11	2,547.81	18.31	140.161		
2,800.00	2,630.22	2,737.58	2,731.28	17.81	8.57	6.20	2,533.58	-2,168.58	2,517.03	2,497.95	19.09	131.872		
2,900.00	2,719.75	2,814.64	2,807.16	18.70	8.89	5.96	2,522.31	-2,175.80	2,467.88	2,448.05	19.83	124.472		
3,000.00	2,809.28	2,879.00	2,870.63	19.58	9.16	5.77	2,513.56	-2,181.96	2,419.54	2,398.99	20.54	117.784		
3,100.00	2,898.80	2,963.88	2,954.44	20.47	9.51	5.51	2,502.72	-2,189.92	2,371.70	2,350.39	21.31	111.309		
3,200.00	2,988.33	3,047.93	3,037.56	21.36	9.86	5.27	2,492.58	-2,197.09	2,323.91	2,301.84	22.07	105.294		
3,300.00	3,077.86	3,131.52	3,120.40	22.26	10.20	5.06	2,483.35	-2,203.42	2,276.31	2,253.47	22.83	99.698		
3,400.00	3,167.39	3,198.88	3,187.28	23.15	10.46	4.92	2,476.74	-2,207.91	2,229.08	2,205.52	23.56	94.614		
3,500.00	3,256.92	3,258.00	3,246.20	24.04	10.69	4.84	2,472.90	-2,210.75	2,183.00	2,158.72	24.28	89.928		
3,600.00	3,346.44	3,366.37	3,354.45	24.93	11.09	4.82	2,468.46	-2,213.26	2,137.13	2,112.07	25.05	85.305		
3,700.00	3,435.97	3,446.73	3,434.79	25.83	11.37	4.89	2,466.74	-2,213.02	2,091.08	2,065.30	25.78	81.126		
3,800.00	3,525.50	3,500.40	3,488.45	26.72	11.54	4.96	2,466.56	-2,212.51	2,045.88	2,019.41	26.47	77.289		
3,900.00	3,615.03	3,563.03	3,551.08	27.62	11.75	5.05	2,467.26	-2,212.57	2,002.22	1,975.04	27.18	73.666		
4,000.00	3,704.56	3,654.48	3,642.52	28.51	12.05	5.18	2,468.37	-2,213.11	1,958.99	1,931.07	27.92	70.161		
4,100.00	3,794.09	3,745.91	3,733.94	29.41	12.35	5.29	2,469.12	-2,213.99	1,915.71	1,887.04	28.66	66.834		
4,200.00	3,883.61	3,837.32	3,825.34	30.30	12.65	5.40	2,469.51	-2,215.19	1,872.37	1,842.96	29.41	63.674		
4,300.00	3,973.14	3,926.98	3,914.99	31.20	12.95	5.53	2,470.36	-2,215.88	1,829.07	1,798.92	30.15	60.663		
4,400.00	4,062.67	4,055.42	4,043.42	32.10	13.37	5.79	2,471.18	-2,214.38	1,784.34	1,753.45	30.89	57.768		
4,500.00	4,152.20	4,143.69	4,131.68	32.99	13.66	5.98	2,471.41	-2,212.74	1,739.11	1,707.49	31.63	54.990		
4,600.00	4,241.73	4,232.01	4,219.98	33.89	13.94	6.19	2,471.65	-2,211.16	1,693.94	1,661.57	32.37	52.337		
4,700.00	4,331.26	4,320.45	4,308.41	34.79	14.23	6.41	2,471.90	-2,209.63	1,648.82	1,615.71	33.11	49.797		
4,800.00	4,420.78	4,409.25	4,397.19	35.69	14.53	6.63	2,472.01	-2,208.29	1,603.74	1,569.88	33.86	47.360		
4,900.00	4,510.31	4,498.10	4,486.04	36.58	14.83	6.85	2,471.93	-2,207.21	1,558.70	1,524.08	34.62	45.027		
5,000.00	4,599.84	4,587.00	4,574.93	37.48	15.13	7.07	2,471.66	-2,206.40	1,513.69	1,478.31	35.37	42.792		
5,100.00	4,689.37	4,663.35	4,651.28	38.38	15.38	7.27	2,471.64	-2,205.98	1,469.09	1,432.94	36.16	40.632		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,740.49	4,728.42	39.28	15.64	7.48	2,472.19	-2,205.91	1,425.30	1,388.35	36.95	38.578		
5,300.00	4,868.42	4,818.27	4,806.19	40.18	15.90	7.71	2,473.34	-2,206.19	1,382.31	1,344.57	37.74	36.624		
5,400.00	4,957.95	4,900.38	4,888.28	41.07	16.18	7.96	2,475.13	-2,206.86	1,340.10	1,301.56	38.54	34.770		
5,500.00	5,047.48	5,000.35	4,988.22	41.97	16.51	8.28	2,477.17	-2,208.04	1,298.04	1,258.73	39.31	33.021		
5,600.00	5,137.01	5,108.35	5,096.22	42.87	16.88	8.64	2,477.85	-2,208.46	1,254.50	1,214.44	40.06	31.319		
5,700.00	5,226.54	5,199.80	5,187.67	43.77	17.20	8.95	2,477.94	-2,208.68	1,210.57	1,169.73	40.85	29.636		
5,800.00	5,316.07	5,291.15	5,279.02	44.67	17.51	9.28	2,477.82	-2,208.97	1,166.55	1,124.90	41.65	28.011		
5,900.00	5,405.59	5,380.94	5,368.81	45.57	17.82	9.63	2,477.53	-2,209.29	1,122.44	1,079.99	42.45	26.439		
6,000.00	5,495.12	5,468.60	5,456.47	46.47	18.12	9.99	2,477.40	-2,209.58	1,078.48	1,035.20	43.28	24.917		
6,100.00	5,584.65	5,556.39	5,544.25	47.37	18.43	10.40	2,477.49	-2,209.81	1,034.71	990.59	44.12	23.450		
6,200.00	5,674.18	5,644.31	5,632.17	48.27	18.73	10.86	2,477.81	-2,210.00	991.15	946.17	44.98	22.036		
6,300.00	5,763.71	5,732.44	5,720.30	49.16	19.03	11.36	2,478.27	-2,210.24	947.81	901.96	45.85	20.673		
6,400.00	5,853.23	5,820.72	5,808.58	50.06	19.33	11.90	2,478.84	-2,210.61	904.68	857.95	46.74	19.357		
6,500.00	5,942.76	5,909.15	5,897.01	50.96	19.63	12.50	2,479.50	-2,211.09	861.79	814.14	47.64	18.088		
6,600.00	6,032.29	5,997.76	5,985.62	51.86	19.94	13.16	2,480.32	-2,211.61	819.13	770.55	48.58	16.862		
6,700.00	6,121.82	6,086.48	6,074.32	52.76	20.24	13.91	2,481.37	-2,212.06	776.73	727.18	49.55	15.676		
6,800.00	6,211.35	6,175.29	6,163.13	53.66	20.55	14.76	2,482.65	-2,212.43	734.61	684.05	50.56	14.529		
6,900.00	6,300.88	6,261.87	6,249.69	54.56	20.84	15.67	2,484.11	-2,213.00	692.96	641.31	51.64	13.418		
7,000.00	6,390.40	6,347.47	6,335.18	55.46	21.14	16.39	2,484.36	-2,216.46	651.91	599.19	52.72	12.366		
7,100.00	6,479.90	7,100.00	6,894.41	56.36	24.74	-30.49	2,160.12	-2,271.25	606.46	571.72	34.74	17.457		
7,200.00	6,565.62	7,081.40	6,912.72	57.41	24.64	-28.21	2,125.26	-2,266.36	508.41	472.26	36.14	14.066		
7,300.00	6,643.25	7,084.77	6,914.16	58.67	24.66	138.85	2,122.24	-2,265.97	408.60	371.98	36.62	11.159		
7,400.00	6,710.45	7,083.11	6,913.45	60.11	24.65	150.89	2,123.72	-2,266.16	309.98	275.42	34.56	8.970		
7,500.00	6,765.16	7,078.06	6,911.27	61.71	24.62	152.62	2,128.24	-2,266.76	219.12	190.31	28.81	7.606		
7,600.00	6,805.74	7,070.18	6,907.82	63.40	24.57	151.87	2,135.26	-2,267.70	155.30	117.50	37.80	4.109		
7,646.37	6,819.39	7,065.59	6,905.77	64.21	24.54	150.70	2,139.33	-2,268.25	146.44	94.01	52.43	2.793 CC		
7,700.00	6,830.93	7,059.94	6,903.20	65.14	24.49	148.66	2,144.32	-2,268.94	158.14	90.46	67.68	2.336 ES, SF		
7,800.00	6,839.98	7,045.15	6,896.32	66.86	24.40	140.06	2,157.29	-2,270.76	224.72	145.74	78.98	2.845		
7,900.00	6,840.00	7,027.26	6,887.59	68.58	24.29	131.88	2,172.73	-2,273.05	313.01	231.86	81.15	3.857		
8,000.00	6,840.00	7,007.88	6,877.64	70.35	24.18	123.97	2,189.16	-2,275.63	406.15	324.47	81.67	4.973		
8,100.00	6,840.00	6,989.39	6,867.69	72.18	24.07	117.15	2,204.53	-2,278.17	501.40	419.71	81.69	6.138		
8,200.00	6,840.00	6,970.70	6,857.23	74.06	23.97	110.98	2,219.80	-2,280.78	597.77	516.15	81.62	7.324		
8,300.00	6,840.00	6,952.36	6,846.58	75.98	23.87	105.60	2,234.50	-2,283.38	694.77	613.25	81.52	8.523		
8,400.00	6,840.00	6,936.38	6,836.96	77.96	23.78	101.39	2,247.06	-2,285.62	792.21	710.86	81.35	9.738		
8,500.00	6,840.00	6,920.92	6,827.35	79.97	23.70	97.68	2,258.98	-2,287.76	889.97	808.76	81.21	10.959		
8,600.00	6,840.00	6,910.00	6,820.38	82.03	23.65	95.26	2,267.25	-2,289.24	987.96	907.00	80.97	12.202		
8,700.00	6,840.00	6,899.60	6,813.60	84.12	23.60	93.09	2,275.03	-2,290.61	1,086.19	1,005.43	80.76	13.449		
8,800.00	6,840.00	6,892.29	6,808.77	86.25	23.56	91.64	2,280.43	-2,291.51	1,184.63	1,104.11	80.52	14.712		
8,900.00	6,840.00	6,885.65	6,804.31	88.41	23.53	90.36	2,285.29	-2,292.29	1,283.25	1,202.94	80.31	15.978		
9,000.00	6,840.00	6,879.58	6,800.19	90.60	23.50	89.24	2,289.70	-2,292.98	1,382.01	1,301.89	80.12	17.249		
9,100.00	6,840.00	6,874.01	6,796.38	92.82	23.47	88.24	2,293.71	-2,293.58	1,480.89	1,400.94	79.95	18.522		
9,200.00	6,840.00	6,862.00	6,788.03	95.07	23.41	86.17	2,302.26	-2,294.78	1,579.91	1,499.98	79.93	19.766		
9,300.00	6,840.00	6,862.00	6,788.03	97.34	23.41	86.17	2,302.26	-2,294.78	1,678.96	1,599.26	79.70	21.066		
9,400.00	6,840.00	6,862.00	6,788.03	99.64	23.41	86.17	2,302.26	-2,294.78	1,778.11	1,698.61	79.50	22.367		
9,500.00	6,840.00	6,862.00	6,788.03	101.95	23.41	86.17	2,302.26	-2,294.78	1,877.35	1,798.04	79.32	23.670		
9,600.00	6,840.00	6,850.52	6,779.90	104.29	23.36	84.31	2,310.31	-2,295.83	1,976.60	1,897.25	79.35	24.911		
9,700.00	6,840.00	6,846.44	6,776.99	106.64	23.34	83.68	2,313.14	-2,296.18	2,075.93	1,996.66	79.26	26.190		
9,800.00	6,840.00	6,842.60	6,774.24	109.02	23.32	83.09	2,315.79	-2,296.50	2,175.30	2,096.11	79.19	27.470		
9,900.00	6,840.00	6,838.99	6,771.63	111.41	23.30	82.55	2,318.27	-2,296.79	2,274.72	2,195.60	79.12	28.751		
10,000.00	6,840.00	6,835.58	6,769.15	113.81	23.29	82.04	2,320.61	-2,297.06	2,374.17	2,295.11	79.06	30.031		
10,100.00	6,840.00	6,832.35	6,766.81	116.23	23.27	81.57	2,322.81	-2,297.31	2,473.65	2,394.65	79.00	31.313		
10,200.00	6,840.00	6,829.30	6,764.58	118.67	23.26	81.14	2,324.88	-2,297.54	2,573.17	2,494.22	78.95	32.594		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,816.00	6,754.76	121.11	23.20	79.30	2,333.81	-2,298.45	2,672.76	2,593.72	79.04	33.815		
10,400.00	6,840.00	6,816.00	6,754.76	123.57	23.20	79.30	2,333.81	-2,298.45	2,772.31	2,693.35	78.96	35.111		
10,500.00	6,840.00	6,816.00	6,754.76	126.04	23.20	79.30	2,333.81	-2,298.45	2,871.88	2,793.00	78.88	36.406		
10,600.00	6,840.00	6,816.00	6,754.76	128.52	23.20	79.30	2,333.81	-2,298.45	2,971.48	2,892.67	78.82	37.702		
10,700.00	6,840.00	6,816.00	6,754.76	131.01	23.20	79.30	2,333.81	-2,298.45	3,071.11	2,992.36	78.75	38.996		
10,800.00	6,840.00	6,816.00	6,754.76	133.51	23.20	79.30	2,333.81	-2,298.45	3,170.77	3,092.07	78.70	40.290		
10,900.00	6,840.00	6,816.00	6,754.76	136.02	23.20	79.30	2,333.81	-2,298.45	3,270.44	3,191.79	78.65	41.584		
11,000.00	6,840.00	6,816.00	6,754.76	138.53	23.20	79.30	2,333.81	-2,298.45	3,370.13	3,291.53	78.60	42.877		
11,100.00	6,840.00	6,816.00	6,754.76	141.06	23.20	79.30	2,333.81	-2,298.45	3,469.85	3,391.29	78.56	44.169		
11,200.00	6,840.00	6,816.00	6,754.76	143.59	23.20	79.30	2,333.81	-2,298.45	3,569.57	3,491.05	78.52	45.460		
11,300.00	6,840.00	6,816.00	6,754.76	146.13	23.20	79.30	2,333.81	-2,298.45	3,669.31	3,590.83	78.49	46.751		
11,400.00	6,840.00	6,816.00	6,754.76	148.68	23.20	79.30	2,333.81	-2,298.45	3,769.07	3,690.61	78.46	48.041		
11,500.00	6,840.00	6,816.00	6,754.76	151.23	23.20	79.30	2,333.81	-2,298.45	3,868.84	3,790.41	78.43	49.330		
11,600.00	6,840.00	6,816.00	6,754.76	153.79	23.20	79.30	2,333.81	-2,298.45	3,968.62	3,890.21	78.40	50.617		
11,700.00	6,840.00	6,816.00	6,754.76	156.35	23.20	79.30	2,333.81	-2,298.45	4,068.41	3,990.03	78.38	51.904		
11,800.00	6,840.00	6,798.26	6,741.39	158.92	23.11	77.00	2,345.42	-2,299.46	4,168.05	4,089.49	78.56	53.056		
11,900.00	6,840.00	6,797.01	6,740.44	161.49	23.11	76.85	2,346.22	-2,299.52	4,267.84	4,189.29	78.55	54.330		
12,000.00	6,840.00	6,795.81	6,739.52	164.07	23.10	76.70	2,346.99	-2,299.58	4,367.64	4,289.09	78.55	55.602		
12,100.00	6,840.00	6,794.65	6,738.63	166.66	23.10	76.55	2,347.73	-2,299.63	4,467.44	4,388.89	78.55	56.874		
12,200.00	6,840.00	6,793.54	6,737.77	169.25	23.09	76.42	2,348.44	-2,299.68	4,567.25	4,488.70	78.55	58.144		
12,300.00	6,840.00	6,792.47	6,736.94	171.84	23.09	76.28	2,349.12	-2,299.73	4,667.07	4,588.52	78.55	59.414		
12,400.00	6,840.00	6,791.43	6,736.15	174.44	23.08	76.16	2,349.78	-2,299.78	4,766.90	4,688.34	78.56	60.682		
12,500.00	6,840.00	6,790.43	6,735.37	177.04	23.08	76.03	2,350.41	-2,299.82	4,866.73	4,788.17	78.56	61.950		
12,600.00	6,840.00	6,789.47	6,734.63	179.64	23.07	75.92	2,351.02	-2,299.86	4,966.56	4,888.00	78.57	63.216		
12,700.00	6,840.00	6,788.53	6,733.91	182.25	23.07	75.80	2,351.61	-2,299.90	5,066.41	4,987.83	78.57	64.481		
12,800.00	6,840.00	6,787.63	6,733.21	184.86	23.06	75.69	2,352.18	-2,299.94	5,166.26	5,087.67	78.58	65.744		
12,900.00	6,840.00	6,786.76	6,732.53	187.47	23.06	75.59	2,352.73	-2,299.98	5,266.11	5,187.52	78.59	67.007		
13,000.00	6,840.00	6,786.00	6,717.77	190.09	22.97	73.39	2,364.29	-2,300.59	5,366.12	5,287.36	78.76	68.131		
13,100.00	6,840.00	6,786.00	6,717.77	192.71	22.97	73.39	2,364.29	-2,300.59	5,465.97	5,387.20	78.76	69.396		
13,200.00	6,840.00	6,786.00	6,717.77	195.34	22.97	73.39	2,364.29	-2,300.59	5,565.82	5,487.05	78.77	70.660		
13,300.00	6,840.00	6,786.00	6,717.77	197.96	22.97	73.39	2,364.29	-2,300.59	5,665.68	5,586.90	78.78	71.922		
13,400.00	6,840.00	6,786.00	6,717.77	200.59	22.97	73.39	2,364.29	-2,300.59	5,765.54	5,686.76	78.78	73.182		
13,500.00	6,840.00	6,786.00	6,717.77	203.22	22.97	73.39	2,364.29	-2,300.59	5,865.41	5,786.62	78.79	74.442		
13,600.00	6,840.00	6,786.00	6,717.77	205.85	22.97	73.39	2,364.29	-2,300.59	5,965.28	5,886.48	78.80	75.700		
13,700.00	6,840.00	6,786.00	6,717.77	208.49	22.97	73.39	2,364.29	-2,300.59	6,065.16	5,986.35	78.81	76.956		
13,800.00	6,840.00	6,786.00	6,717.77	211.13	22.97	73.39	2,364.29	-2,300.59	6,165.04	6,086.22	78.83	78.211		
13,900.00	6,840.00	6,786.00	6,717.77	213.77	22.97	73.39	2,364.29	-2,300.59	6,264.93	6,186.09	78.84	79.464		
14,000.00	6,840.00	6,786.00	6,717.77	216.41	22.97	73.39	2,364.29	-2,300.59	6,364.82	6,285.96	78.85	80.716		
14,100.00	6,840.00	6,786.00	6,717.77	219.06	22.97	73.39	2,364.29	-2,300.59	6,464.71	6,385.84	78.87	81.966		
14,200.00	6,840.00	6,786.00	6,717.77	221.70	22.97	73.39	2,364.29	-2,300.59	6,564.60	6,485.72	78.89	83.215		
14,300.00	6,840.00	6,786.00	6,717.77	224.35	22.97	73.39	2,364.29	-2,300.59	6,664.50	6,585.60	78.91	84.462		
14,400.00	6,840.00	6,786.00	6,717.77	227.00	22.97	73.39	2,364.29	-2,300.59	6,764.40	6,685.48	78.92	85.708		
14,500.00	6,840.00	6,786.00	6,717.77	229.65	22.97	73.39	2,364.29	-2,300.59	6,864.31	6,785.36	78.94	86.952		
14,600.00	6,840.00	6,786.00	6,717.77	232.30	22.97	73.39	2,364.29	-2,300.59	6,964.21	6,885.25	78.96	88.194		
14,700.00	6,840.00	6,786.00	6,717.77	234.96	22.97	73.39	2,364.29	-2,300.59	7,064.12	6,985.14	78.99	89.434		
14,800.00	6,840.00	6,786.00	6,717.77	237.61	22.97	73.39	2,364.29	-2,300.59	7,164.04	7,085.03	79.01	90.673		
14,900.00	6,840.00	6,786.00	6,717.77	240.27	22.97	73.39	2,364.29	-2,300.59	7,263.95	7,184.92	79.03	91.910		
15,000.00	6,840.00	6,786.00	6,717.77	242.93	22.97	73.39	2,364.29	-2,300.59	7,363.87	7,284.81	79.06	93.146		
15,100.00	6,840.00	6,786.00	6,717.77	245.59	22.97	73.39	2,364.29	-2,300.59	7,463.79	7,384.70	79.08	94.380		
15,200.00	6,840.00	6,786.00	6,717.77	248.25	22.97	73.39	2,364.29	-2,300.59	7,563.71	7,484.60	79.11	95.612		
15,300.00	6,840.00	6,786.00	6,717.77	250.92	22.97	73.39	2,364.29	-2,300.59	7,663.63	7,584.49	79.14	96.842		
15,400.00	6,840.00	6,786.00	6,717.77	253.58	22.97	73.39	2,364.29	-2,300.59	7,763.56	7,684.39	79.16	98.070		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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				
15,500.00	6,840.00	6,768.00	6,717.77	256.25	22.97	73.39	2,364.29	-2,300.59	7,863.48	7,784.29	79.19	99.297				
15,600.00	6,840.00	6,768.00	6,717.77	258.91	22.97	73.39	2,364.29	-2,300.59	7,963.41	7,884.19	79.22	100.522				
15,700.00	6,840.00	6,768.00	6,717.77	261.58	22.97	73.39	2,364.29	-2,300.59	8,063.34	7,984.09	79.25	101.745				
15,800.00	6,840.00	6,768.00	6,717.77	264.25	22.97	73.39	2,364.29	-2,300.59	8,163.27	8,083.99	79.28	102.966				
15,900.00	6,840.00	6,768.00	6,717.77	266.92	22.97	73.39	2,364.29	-2,300.59	8,263.21	8,183.90	79.31	104.185				
16,000.00	6,840.00	6,768.00	6,717.77	269.59	22.97	73.39	2,364.29	-2,300.59	8,363.14	8,283.80	79.34	105.402				
16,100.00	6,840.00	6,768.00	6,717.77	272.26	22.97	73.39	2,364.29	-2,300.59	8,463.08	8,383.70	79.38	106.618				
16,200.00	6,840.00	6,768.00	6,717.77	274.94	22.97	73.39	2,364.29	-2,300.59	8,563.02	8,483.61	79.41	107.831				
16,300.00	6,840.00	6,768.00	6,717.77	277.61	22.97	73.39	2,364.29	-2,300.59	8,662.96	8,583.51	79.45	109.043				
16,400.00	6,840.00	6,768.00	6,717.77	280.28	22.97	73.39	2,364.29	-2,300.59	8,762.90	8,683.42	79.48	110.253				
16,500.00	6,840.00	6,768.00	6,717.77	282.96	22.97	73.39	2,364.29	-2,300.59	8,862.84	8,783.33	79.52	111.461				
16,600.00	6,840.00	6,768.00	6,717.77	285.64	22.97	73.39	2,364.29	-2,300.59	8,962.79	8,883.24	79.55	112.666				
16,700.00	6,840.00	6,768.00	6,717.77	288.31	22.97	73.39	2,364.29	-2,300.59	9,062.73	8,983.15	79.59	113.870				
16,800.00	6,840.00	6,768.00	6,717.77	290.99	22.97	73.39	2,364.29	-2,300.59	9,162.68	9,083.05	79.63	115.072				
16,900.00	6,840.00	6,768.00	6,717.77	293.67	22.97	73.39	2,364.29	-2,300.59	9,262.63	9,182.96	79.66	116.272				
17,000.00	6,840.00	6,768.00	6,717.77	296.35	22.97	73.39	2,364.29	-2,300.59	9,362.58	9,282.87	79.70	117.470				
17,100.00	6,840.00	6,768.00	6,717.77	299.03	22.97	73.39	2,364.29	-2,300.59	9,462.53	9,382.78	79.74	118.666				
17,200.00	6,840.00	6,768.00	6,717.77	301.71	22.97	73.39	2,364.29	-2,300.59	9,562.48	9,482.70	79.78	119.859				
17,300.00	6,840.00	6,768.00	6,717.77	304.39	22.97	73.39	2,364.29	-2,300.59	9,662.43	9,582.61	79.82	121.051				
17,400.00	6,840.00	6,768.00	6,717.77	307.08	22.97	73.39	2,364.29	-2,300.59	9,762.38	9,682.52	79.86	122.241				
17,500.00	6,840.00	6,768.00	6,717.77	309.76	22.97	73.39	2,364.29	-2,300.59	9,862.34	9,782.43	79.90	123.428				
17,600.00	6,840.00	6,768.00	6,717.77	312.44	22.97	73.39	2,364.29	-2,300.59	9,962.29	9,882.34	79.95	124.614				

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-39.16	2,620.89	-2,134.72	3,380.25					
100.00	100.00	62.00	62.00	0.13	0.11	-39.16	2,620.89	-2,134.72	3,380.25	3,380.01	0.24	N/A		
200.00	200.00	162.00	162.00	0.49	0.28	-39.16	2,620.89	-2,134.72	3,380.25	3,379.48	0.77	4,387.480		
300.00	300.00	262.00	262.00	0.85	0.45	-39.16	2,620.89	-2,134.72	3,380.25	3,378.95	1.30	2,599.755		
400.00	399.98	361.98	361.98	1.21	0.62	5.48	2,620.89	-2,134.72	3,378.52	3,376.69	1.83	1,847.248		
500.00	499.84	461.84	461.84	1.57	0.79	5.50	2,620.89	-2,134.72	3,373.31	3,370.94	2.36	1,428.556		
600.00	599.45	561.45	561.45	1.94	0.96	5.53	2,620.89	-2,134.72	3,364.63	3,361.73	2.90	1,161.739		
700.00	698.70	660.70	660.70	2.32	1.13	5.57	2,620.89	-2,134.72	3,352.50	3,349.07	3.43	976.577		
800.00	797.47	737.86	737.86	2.73	1.37	5.62	2,621.06	-2,134.81	3,337.19	3,333.15	4.04	825.419		
900.00	895.62	813.00	812.99	3.16	1.64	5.68	2,621.78	-2,135.20	3,319.23	3,314.55	4.68	708.728		
1,000.00	993.06	915.51	915.50	3.63	2.01	5.78	2,623.08	-2,135.77	3,298.15	3,292.72	5.43	607.766		
1,100.00	1,089.64	1,021.72	1,021.69	4.14	2.39	5.89	2,624.32	-2,136.02	3,273.42	3,267.23	6.19	529.076		
1,200.00	1,185.27	1,127.44	1,127.41	4.70	2.76	6.02	2,625.41	-2,135.97	3,245.06	3,238.12	6.95	467.204		
1,300.00	1,279.82	1,233.07	1,233.04	5.30	3.13	6.17	2,626.12	-2,135.82	3,213.09	3,205.39	7.70	417.227		
1,400.00	1,373.17	1,337.14	1,337.11	5.96	3.49	6.34	2,626.39	-2,135.67	3,177.54	3,169.09	8.45	375.823		
1,500.00	1,465.21	1,425.37	1,425.34	6.67	3.80	6.51	2,626.42	-2,135.54	3,138.62	3,129.46	9.16	342.605		
1,600.00	1,555.84	1,507.45	1,507.41	7.44	4.09	6.70	2,626.66	-2,135.51	3,096.78	3,086.92	9.85	314.315		
1,700.00	1,645.41	1,588.77	1,588.74	8.26	4.37	6.82	2,627.11	-2,135.55	3,052.98	3,042.44	10.54	289.548		
1,800.00	1,734.94	1,670.10	1,670.07	9.09	4.66	6.92	2,627.79	-2,135.68	3,009.36	2,998.13	11.24	267.842		
1,900.00	1,824.47	1,741.00	1,740.96	9.94	4.91	7.01	2,628.53	-2,135.92	2,966.03	2,954.13	11.90	249.143		
2,000.00	1,913.99	1,785.90	1,785.85	10.80	5.07	7.06	2,629.37	-2,136.38	2,923.75	2,911.25	12.50	233.907		
2,100.00	2,003.52	1,836.00	1,835.90	11.66	5.25	7.13	2,631.12	-2,137.53	2,883.10	2,869.98	13.12	219.775		
2,200.00	2,093.05	1,886.13	1,885.95	12.53	5.43	7.19	2,633.49	-2,139.06	2,843.76	2,830.01	13.74	206.899		
2,300.00	2,182.58	1,930.00	1,929.74	13.40	5.58	7.25	2,635.86	-2,140.48	2,805.46	2,791.11	14.36	195.395		
2,400.00	2,272.11	1,995.30	1,994.84	14.28	5.82	7.35	2,640.28	-2,142.88	2,768.31	2,753.27	15.04	184.011		
2,500.00	2,361.63	2,049.33	2,048.62	15.16	6.02	7.45	2,644.96	-2,145.16	2,732.70	2,717.00	15.70	174.039		
2,600.00	2,451.16	2,120.00	2,118.84	16.04	6.27	7.59	2,652.42	-2,147.92	2,698.32	2,681.90	16.42	164.366		
2,700.00	2,540.69	2,158.18	2,156.69	16.92	6.42	7.68	2,657.14	-2,149.41	2,665.24	2,648.20	17.04	156.454		
2,800.00	2,630.22	2,215.00	2,212.87	17.81	6.63	7.82	2,665.26	-2,151.97	2,633.98	2,616.26	17.72	148.667		
2,900.00	2,719.75	2,244.94	2,242.39	18.70	6.75	7.90	2,670.08	-2,153.56	2,604.49	2,586.17	18.32	142.203		
3,000.00	2,809.28	2,284.80	2,281.53	19.58	6.90	8.01	2,677.11	-2,156.08	2,577.12	2,558.18	18.95	136.023		
3,100.00	2,898.80	2,352.54	2,347.79	20.47	7.17	8.20	2,690.30	-2,161.04	2,551.69	2,532.01	19.68	129.686		
3,200.00	2,988.33	2,437.02	2,430.36	21.36	7.52	8.46	2,707.28	-2,166.48	2,526.48	2,506.01	20.47	123.416		
3,300.00	3,077.86	2,500.00	2,491.71	22.26	7.78	8.68	2,721.00	-2,170.39	2,502.49	2,481.29	21.20	118.063		
3,400.00	3,167.39	2,604.47	2,593.32	23.15	8.23	9.06	2,744.45	-2,176.75	2,479.09	2,457.01	22.08	112.274		
3,500.00	3,256.92	2,652.53	2,639.95	24.04	8.45	9.23	2,755.66	-2,179.84	2,456.57	2,433.81	22.76	107.921		
3,600.00	3,346.44	2,715.37	2,700.66	24.93	8.73	9.47	2,771.26	-2,184.29	2,435.79	2,412.29	23.50	103.641		
3,700.00	3,435.97	2,810.05	2,791.98	25.83	9.18	9.83	2,795.15	-2,191.55	2,415.83	2,391.45	24.37	99.121		
3,800.00	3,525.50	2,937.11	2,914.79	26.72	9.78	10.33	2,826.38	-2,200.77	2,395.19	2,369.81	25.38	94.381		
3,900.00	3,615.03	3,108.33	3,081.53	27.62	10.59	10.95	2,863.38	-2,212.53	2,371.51	2,344.97	26.54	89.357		
4,000.00	3,704.56	3,164.00	3,135.76	28.51	10.85	11.16	2,875.40	-2,216.29	2,348.31	2,321.02	27.28	86.075		
4,100.00	3,794.09	4,100.00	3,387.22	29.41	14.98	12.03	2,922.73	-2,234.11	2,322.70	2,291.48	31.22	74.403		
4,200.00	3,883.61	3,608.34	3,573.32	30.30	12.80	12.57	2,944.60	-2,245.27	2,290.28	2,260.51	29.77	76.928		
4,300.00	3,973.14	3,746.20	3,710.28	31.20	13.35	13.00	2,958.97	-2,251.39	2,257.12	2,226.40	30.72	73.477		
4,400.00	4,062.67	4,070.44	4,033.86	32.10	14.50	14.12	2,975.78	-2,254.39	2,218.23	2,186.43	31.81	69.741		
4,500.00	4,152.20	4,169.96	4,133.36	32.99	14.80	14.47	2,975.79	-2,253.15	2,174.21	2,141.60	32.61	66.676		
4,600.00	4,241.73	4,269.07	4,232.47	33.89	15.11	14.82	2,975.25	-2,251.91	2,129.83	2,096.41	33.41	63.744		
4,700.00	4,331.26	4,357.86	4,321.25	34.79	15.38	15.15	2,974.41	-2,250.86	2,085.21	2,051.00	34.22	60.938		
4,800.00	4,420.78	4,441.84	4,405.22	35.69	15.63	15.46	2,973.66	-2,250.11	2,040.84	2,005.81	35.03	58.257		
4,900.00	4,510.31	4,526.06	4,489.44	36.58	15.89	15.78	2,972.98	-2,249.64	1,996.74	1,960.88	35.85	55.694		
5,000.00	4,599.84	4,615.07	4,578.45	37.48	16.16	16.13	2,972.33	-2,249.41	1,952.88	1,916.20	36.68	53.245		
5,100.00	4,689.37	4,715.55	4,678.91	38.38	16.47	16.55	2,971.33	-2,248.83	1,908.75	1,871.25	37.50	50.900		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,815.36	4,778.71	39.28	16.78	16.99	2,969.96	-2,247.74	1,864.16	1,825.83	38.33	48.636		
5,300.00	4,868.42	4,914.52	4,877.84	40.18	17.08	17.47	2,968.22	-2,246.15	1,819.13	1,779.97	39.17	46.447		
5,400.00	4,957.95	4,990.12	4,953.43	41.07	17.32	17.85	2,967.25	-2,245.08	1,774.59	1,734.53	40.06	44.301		
5,500.00	5,047.48	5,082.64	5,045.93	41.97	17.61	18.33	2,965.74	-2,243.98	1,730.01	1,689.08	40.93	42.268		
5,600.00	5,137.01	5,175.09	5,138.36	42.87	17.89	18.81	2,963.81	-2,243.24	1,685.33	1,643.52	41.81	40.311		
5,700.00	5,226.54	5,267.48	5,230.72	43.77	18.18	19.30	2,961.45	-2,242.86	1,640.54	1,597.85	42.69	38.426		
5,800.00	5,316.07	5,329.12	5,292.35	44.67	18.38	19.64	2,960.45	-2,242.78	1,596.63	1,552.95	43.68	36.557		
5,900.00	5,405.59	5,411.68	5,374.91	45.57	18.64	20.13	2,959.88	-2,242.92	1,553.74	1,509.11	44.63	34.815		
6,000.00	5,495.12	5,500.24	5,463.46	46.47	18.93	20.67	2,959.17	-2,243.48	1,511.06	1,465.48	45.58	33.150		
6,100.00	5,584.65	5,588.99	5,552.20	47.37	19.21	21.21	2,958.30	-2,244.46	1,468.55	1,422.01	46.55	31.549		
6,200.00	5,674.18	5,682.45	5,645.64	48.27	19.51	21.81	2,957.19	-2,245.84	1,426.13	1,378.62	47.51	30.015		
6,300.00	5,763.71	5,779.59	5,742.77	49.16	19.82	22.47	2,955.66	-2,246.95	1,383.40	1,334.91	48.49	28.531		
6,400.00	5,853.23	5,876.16	5,839.31	50.06	20.14	23.18	2,953.74	-2,247.66	1,340.32	1,290.83	49.48	27.086		
6,500.00	5,942.76	5,965.96	5,929.09	50.96	20.43	23.90	2,951.70	-2,247.99	1,297.03	1,246.50	50.54	25.665		
6,600.00	6,032.29	6,051.38	6,014.50	51.86	20.70	24.64	2,950.00	-2,248.19	1,254.11	1,202.47	51.64	24.284		
6,700.00	6,121.82	6,136.96	6,100.06	52.76	20.98	25.43	2,948.60	-2,248.29	1,211.64	1,158.85	52.79	22.952		
6,800.00	6,211.35	6,225.09	6,188.19	53.66	21.27	26.32	2,947.44	-2,248.24	1,169.62	1,115.65	53.97	21.671		
6,900.00	6,300.88	6,293.00	6,256.09	54.56	21.49	27.07	2,946.83	-2,247.94	1,128.23	1,072.92	55.31	20.399		
7,000.00	6,390.40	6,341.00	6,304.03	55.46	21.66	27.66	2,948.88	-2,247.79	1,090.85	1,034.07	56.78	19.212		
7,100.00	6,479.90	6,357.92	6,320.86	56.36	21.73	29.95	2,950.68	-2,247.64	1,058.39	1,000.13	58.27	18.165		
7,200.00	6,565.62	6,388.00	6,350.55	57.41	21.85	44.48	2,955.37	-2,247.00	1,029.97	969.97	60.00	17.167		
7,300.00	6,643.25	6,422.19	6,383.96	58.67	21.99	54.75	2,962.56	-2,245.96	1,005.03	942.71	62.32	16.127		
7,400.00	6,710.45	6,453.89	6,414.62	60.11	22.13	62.21	2,970.55	-2,244.95	985.23	919.96	65.27	15.094		
7,500.00	6,765.16	6,483.00	6,442.52	61.71	22.26	67.54	2,978.81	-2,244.21	972.50	903.64	68.87	14.121		
7,589.33	6,802.12	6,498.04	6,456.82	63.22	22.33	70.23	2,983.44	-2,243.93	968.60	896.20	72.41	13.377 CC		
7,600.00	6,805.74	6,499.68	6,458.37	63.40	22.33	70.45	2,983.96	-2,243.90	968.66	895.82	72.84	13.298 ES		
7,700.00	6,830.93	6,511.18	6,469.25	65.14	22.39	71.38	2,987.72	-2,243.76	974.87	897.80	77.07	12.649		
7,800.00	6,839.98	6,515.23	6,473.06	66.86	22.41	70.26	2,989.08	-2,243.73	991.32	910.11	81.22	12.206		
7,900.00	6,840.00	6,514.93	6,472.79	68.58	22.41	70.13	2,988.98	-2,243.73	1,017.41	932.42	84.98	11.972		
8,000.00	6,840.00	6,514.62	6,472.49	70.35	22.40	70.11	2,988.87	-2,243.73	1,052.38	964.16	88.22	11.929 SF		
8,100.00	6,840.00	6,514.29	6,472.17	72.18	22.40	70.09	2,988.76	-2,243.73	1,095.40	1,004.49	90.91	12.049		
8,200.00	6,840.00	6,513.94	6,471.85	74.06	22.40	70.07	2,988.64	-2,243.74	1,145.55	1,052.48	93.07	12.308		
8,300.00	6,840.00	6,513.58	6,471.51	75.98	22.40	70.05	2,988.52	-2,243.74	1,201.95	1,107.18	94.77	12.683		
8,400.00	6,840.00	6,513.20	6,471.15	77.96	22.40	70.02	2,988.39	-2,243.74	1,263.75	1,167.68	96.07	13.155		
8,500.00	6,840.00	6,512.81	6,470.78	79.97	22.40	70.00	2,988.26	-2,243.75	1,330.21	1,233.17	97.04	13.708		
8,600.00	6,840.00	6,512.39	6,470.39	82.03	22.39	69.98	2,988.12	-2,243.75	1,400.66	1,302.92	97.74	14.330		
8,700.00	6,840.00	6,511.96	6,469.98	84.12	22.39	69.95	2,987.98	-2,243.76	1,474.53	1,376.30	98.23	15.011		
8,800.00	6,840.00	6,511.50	6,469.55	86.25	22.39	69.92	2,987.82	-2,243.76	1,551.33	1,452.77	98.55	15.741		
8,900.00	6,840.00	6,511.02	6,469.10	88.41	22.39	69.89	2,987.66	-2,243.76	1,630.64	1,531.89	98.75	16.513		
9,000.00	6,840.00	6,510.52	6,468.62	90.60	22.38	69.86	2,987.50	-2,243.77	1,712.13	1,613.28	98.85	17.321		
9,100.00	6,840.00	6,509.98	6,468.12	92.82	22.38	69.83	2,987.32	-2,243.77	1,795.49	1,696.61	98.87	18.160		
9,200.00	6,840.00	6,509.42	6,467.59	95.07	22.38	69.80	2,987.13	-2,243.78	1,880.47	1,781.63	98.84	19.026		
9,300.00	6,840.00	6,508.82	6,467.03	97.34	22.38	69.76	2,986.93	-2,243.79	1,966.86	1,868.10	98.76	19.916		
9,400.00	6,840.00	6,508.19	6,466.43	99.64	22.37	69.73	2,986.73	-2,243.79	2,054.49	1,955.84	98.65	20.826		
9,500.00	6,840.00	6,507.52	6,465.80	101.95	22.37	69.69	2,986.51	-2,243.80	2,143.20	2,044.68	98.52	21.755		
9,600.00	6,840.00	6,506.81	6,465.13	104.29	22.37	69.65	2,986.27	-2,243.81	2,232.86	2,134.49	98.37	22.699		
9,700.00	6,840.00	6,506.05	6,464.41	106.64	22.36	69.60	2,986.02	-2,243.82	2,323.37	2,225.16	98.21	23.658		
9,800.00	6,840.00	6,505.24	6,463.64	109.02	22.36	69.55	2,985.76	-2,243.83	2,414.63	2,316.59	98.04	24.630		
9,900.00	6,840.00	6,504.38	6,462.83	111.41	22.36	69.50	2,985.48	-2,243.84	2,506.55	2,408.69	97.86	25.613		
10,000.00	6,840.00	6,503.45	6,461.95	113.81	22.35	69.45	2,985.18	-2,243.85	2,599.07	2,501.38	97.69	26.606		
10,100.00	6,840.00	6,502.45	6,461.00	116.23	22.35	69.39	2,984.85	-2,243.86	2,692.12	2,594.61	97.51	27.608		
10,200.00	6,840.00	6,501.38	6,459.99	118.67	22.34	69.32	2,984.51	-2,243.88	2,785.66	2,688.33	97.33	28.619		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,500.21	6,458.88	121.11	22.34	69.26	2,984.14	-2,243.90	2,879.63	2,782.47	97.16	29.638		
10,400.00	6,840.00	6,498.95	6,457.69	123.57	22.33	69.18	2,983.73	-2,243.91	2,973.99	2,877.01	96.98	30.664		
10,500.00	6,840.00	6,497.58	6,456.39	126.04	22.32	69.10	2,983.30	-2,243.93	3,068.71	2,971.90	96.81	31.697		
10,600.00	6,840.00	6,496.08	6,454.97	128.52	22.32	69.01	2,982.82	-2,243.96	3,163.75	3,067.11	96.64	32.736		
10,700.00	6,840.00	6,494.44	6,453.41	131.01	22.31	68.91	2,982.31	-2,243.99	3,259.09	3,162.62	96.48	33.781		
10,800.00	6,840.00	6,492.63	6,451.69	133.51	22.30	68.81	2,981.74	-2,244.02	3,354.70	3,258.39	96.31	34.832		
10,900.00	6,840.00	6,490.62	6,449.78	136.02	22.29	68.69	2,981.13	-2,244.05	3,450.56	3,354.41	96.15	35.888		
11,000.00	6,840.00	6,488.39	6,447.66	138.53	22.28	68.56	2,980.44	-2,244.10	3,546.64	3,450.66	95.98	36.950		
11,100.00	6,840.00	6,485.89	6,445.28	141.06	22.27	68.41	2,979.68	-2,244.15	3,642.94	3,547.12	95.82	38.017		
11,200.00	6,840.00	6,483.08	6,442.59	143.59	22.26	68.24	2,978.84	-2,244.21	3,739.43	3,643.77	95.66	39.090		
11,300.00	6,840.00	6,481.13	6,440.73	146.13	22.25	68.13	2,978.26	-2,244.25	3,836.09	3,740.57	95.52	40.160		
11,400.00	6,840.00	6,479.12	6,438.81	148.68	22.24	68.01	2,977.66	-2,244.29	3,932.93	3,837.55	95.38	41.234		
11,500.00	6,840.00	6,477.01	6,436.79	151.23	22.23	67.89	2,977.04	-2,244.34	4,029.91	3,934.67	95.25	42.310		
11,600.00	6,840.00	6,474.79	6,434.67	153.79	22.22	67.76	2,976.40	-2,244.40	4,127.04	4,031.93	95.11	43.390		
11,700.00	6,840.00	6,472.45	6,432.43	156.35	22.21	67.62	2,975.72	-2,244.45	4,224.30	4,129.32	94.99	44.473		
11,800.00	6,840.00	6,469.99	6,430.07	158.92	22.20	67.47	2,975.02	-2,244.51	4,321.69	4,226.83	94.86	45.559		
11,900.00	6,840.00	6,467.39	6,427.58	161.49	22.19	67.32	2,974.28	-2,244.58	4,419.19	4,324.45	94.73	46.649		
12,000.00	6,840.00	6,464.64	6,424.95	164.07	22.17	67.16	2,973.51	-2,244.65	4,516.80	4,422.19	94.61	47.741		
12,100.00	6,840.00	6,461.74	6,422.16	166.66	22.16	66.99	2,972.70	-2,244.73	4,614.51	4,520.02	94.49	48.836		
12,200.00	6,840.00	6,458.66	6,419.20	169.25	22.15	66.81	2,971.85	-2,244.81	4,712.31	4,617.94	94.37	49.934		
12,300.00	6,840.00	6,455.39	6,416.05	171.84	22.13	66.62	2,970.96	-2,244.91	4,810.20	4,715.95	94.25	51.036		
12,400.00	6,840.00	6,451.90	6,412.70	174.44	22.12	66.42	2,970.02	-2,245.01	4,908.18	4,814.04	94.13	52.140		
12,500.00	6,840.00	6,448.19	6,409.13	177.04	22.10	66.20	2,969.04	-2,245.12	5,006.23	4,912.21	94.02	53.248		
12,600.00	6,840.00	6,444.23	6,405.30	179.64	22.08	65.97	2,968.00	-2,245.24	5,104.36	5,010.46	93.90	54.360		
12,700.00	6,840.00	6,439.99	6,401.20	182.25	22.07	65.72	2,966.91	-2,245.38	5,202.55	5,108.77	93.78	55.475		
12,800.00	6,840.00	6,436.00	6,397.35	184.86	22.05	65.49	2,965.90	-2,245.51	5,300.81	5,207.14	93.67	56.589		
12,900.00	6,840.00	6,436.00	6,397.35	187.47	22.05	65.49	2,965.90	-2,245.51	5,399.14	5,305.52	93.62	57.670		
13,000.00	6,840.00	6,436.00	6,397.35	190.09	22.05	65.49	2,965.90	-2,245.51	5,497.52	5,403.95	93.57	58.752		
13,100.00	6,840.00	6,436.00	6,397.35	192.71	22.05	65.49	2,965.90	-2,245.51	5,595.96	5,502.44	93.52	59.835		
13,200.00	6,840.00	6,436.00	6,397.35	195.34	22.05	65.49	2,965.90	-2,245.51	5,694.46	5,600.98	93.48	60.917		
13,300.00	6,840.00	6,436.00	6,397.35	197.96	22.05	65.49	2,965.90	-2,245.51	5,793.00	5,699.57	93.44	61.999		
13,400.00	6,840.00	6,436.00	6,397.35	200.59	22.05	65.49	2,965.90	-2,245.51	5,891.60	5,798.20	93.40	63.082		
13,500.00	6,840.00	6,436.00	6,397.35	203.22	22.05	65.49	2,965.90	-2,245.51	5,990.24	5,896.89	93.36	64.164		
13,600.00	6,840.00	6,436.00	6,397.35	205.85	22.05	65.49	2,965.90	-2,245.51	6,088.93	5,995.61	93.32	65.246		
13,700.00	6,840.00	6,436.00	6,397.35	208.49	22.05	65.49	2,965.90	-2,245.51	6,187.66	6,094.37	93.29	66.328		
13,800.00	6,840.00	6,436.00	6,397.35	211.13	22.05	65.49	2,965.90	-2,245.51	6,286.43	6,193.17	93.26	67.410		
13,900.00	6,840.00	6,436.00	6,397.35	213.77	22.05	65.49	2,965.90	-2,245.51	6,385.24	6,292.01	93.23	68.492		
14,000.00	6,840.00	6,436.00	6,397.35	216.41	22.05	65.49	2,965.90	-2,245.51	6,484.08	6,390.88	93.20	69.573		
14,100.00	6,840.00	6,421.43	6,383.22	219.06	21.99	64.65	2,962.38	-2,245.99	6,582.91	6,489.93	92.99	70.794		
14,200.00	6,840.00	6,420.37	6,382.18	221.70	21.98	64.59	2,962.14	-2,246.02	6,681.82	6,588.87	92.95	71.887		
14,300.00	6,840.00	6,419.31	6,381.16	224.35	21.98	64.53	2,961.89	-2,246.05	6,780.76	6,687.84	92.91	72.979		
14,400.00	6,840.00	6,418.27	6,380.14	227.00	21.97	64.47	2,961.66	-2,246.09	6,879.72	6,786.84	92.88	74.071		
14,500.00	6,840.00	6,417.23	6,379.13	229.65	21.97	64.41	2,961.42	-2,246.12	6,978.72	6,885.87	92.85	75.163		
14,600.00	6,840.00	6,416.19	6,378.12	232.30	21.96	64.36	2,961.19	-2,246.15	7,077.74	6,984.93	92.82	76.254		
14,700.00	6,840.00	6,415.17	6,377.12	234.96	21.96	64.30	2,960.96	-2,246.18	7,176.80	7,084.01	92.79	77.345		
14,800.00	6,840.00	6,414.15	6,376.13	237.61	21.96	64.24	2,960.73	-2,246.22	7,275.87	7,183.11	92.76	78.435		
14,900.00	6,840.00	6,413.13	6,375.14	240.27	21.95	64.18	2,960.50	-2,246.25	7,374.97	7,282.24	92.74	79.525		
15,000.00	6,840.00	6,412.13	6,374.16	242.93	21.95	64.12	2,960.28	-2,246.28	7,474.10	7,381.38	92.71	80.615		
15,100.00	6,840.00	6,411.13	6,373.18	245.59	21.94	64.07	2,960.06	-2,246.31	7,573.24	7,480.55	92.69	81.704		
15,200.00	6,840.00	6,410.13	6,372.21	248.25	21.94	64.01	2,959.85	-2,246.34	7,672.41	7,579.74	92.67	82.792		
15,300.00	6,840.00	6,409.14	6,371.25	250.92	21.93	63.95	2,959.63	-2,246.37	7,771.60	7,678.95	92.65	83.880		
15,400.00	6,840.00	6,408.16	6,370.29	253.58	21.93	63.90	2,959.42	-2,246.40	7,870.81	7,778.18	92.63	84.967		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,407.18	6,369.34	256.25	21.93	63.84	2,959.21	-2,246.43	7,970.04	7,877.43	92.62	86.054	
15,600.00	6,840.00	6,406.22	6,368.39	258.91	21.92	63.79	2,959.01	-2,246.46	8,069.29	7,976.69	92.60	87.139	
15,700.00	6,840.00	6,405.25	6,367.45	261.58	21.92	63.73	2,958.80	-2,246.49	8,168.56	8,075.97	92.59	88.224	
15,800.00	6,840.00	6,404.29	6,366.51	264.25	21.91	63.68	2,958.60	-2,246.52	8,267.84	8,175.27	92.58	89.309	
15,900.00	6,840.00	6,403.34	6,365.58	266.92	21.91	63.63	2,958.41	-2,246.55	8,367.14	8,274.58	92.56	90.393	
16,000.00	6,840.00	6,388.00	6,350.55	269.59	21.85	62.77	2,955.37	-2,247.00	8,466.50	8,374.10	92.40	91.633	
16,100.00	6,840.00	6,388.00	6,350.55	272.26	21.85	62.77	2,955.37	-2,247.00	8,565.82	8,473.42	92.40	92.706	
16,200.00	6,840.00	6,388.00	6,350.55	274.94	21.85	62.77	2,955.37	-2,247.00	8,665.16	8,572.76	92.40	93.778	
16,300.00	6,840.00	6,388.00	6,350.55	277.61	21.85	62.77	2,955.37	-2,247.00	8,764.52	8,672.12	92.40	94.849	
16,400.00	6,840.00	6,388.00	6,350.55	280.28	21.85	62.77	2,955.37	-2,247.00	8,863.89	8,771.48	92.41	95.919	
16,500.00	6,840.00	6,388.00	6,350.55	282.96	21.85	62.77	2,955.37	-2,247.00	8,963.28	8,870.86	92.42	96.989	
16,600.00	6,840.00	6,388.00	6,350.55	285.64	21.85	62.77	2,955.37	-2,247.00	9,062.68	8,970.26	92.42	98.057	
16,700.00	6,840.00	6,388.00	6,350.55	288.31	21.85	62.77	2,955.37	-2,247.00	9,162.09	9,069.66	92.43	99.124	
16,800.00	6,840.00	6,388.00	6,350.55	290.99	21.85	62.77	2,955.37	-2,247.00	9,261.52	9,169.08	92.44	100.190	
16,900.00	6,840.00	6,388.00	6,350.55	293.67	21.85	62.77	2,955.37	-2,247.00	9,360.95	9,268.50	92.45	101.255	
17,000.00	6,840.00	6,388.00	6,350.55	296.35	21.85	62.77	2,955.37	-2,247.00	9,460.40	9,367.94	92.46	102.319	
17,100.00	6,840.00	6,388.00	6,350.55	299.03	21.85	62.77	2,955.37	-2,247.00	9,559.86	9,467.39	92.47	103.382	
17,200.00	6,840.00	6,388.00	6,350.55	301.71	21.85	62.77	2,955.37	-2,247.00	9,659.33	9,566.85	92.48	104.443	
17,300.00	6,840.00	6,388.00	6,350.55	304.39	21.85	62.77	2,955.37	-2,247.00	9,758.82	9,666.32	92.50	105.504	
17,400.00	6,840.00	6,388.00	6,350.55	307.08	21.85	62.77	2,955.37	-2,247.00	9,858.31	9,765.80	92.51	106.564	
17,500.00	6,840.00	6,388.00	6,350.55	309.76	21.85	62.77	2,955.37	-2,247.00	9,957.81	9,865.29	92.53	107.622	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-38.27	2,620.89	-2,067.77	3,338.37					
100.00	100.00	64.00	64.00	0.13	0.11	-38.27	2,620.89	-2,067.77	3,338.37	3,338.12	0.24	N/A		
200.00	200.00	164.00	164.00	0.49	0.28	-38.27	2,620.89	-2,067.77	3,338.37	3,337.60	0.77	4,316.930		
300.00	300.00	264.00	264.00	0.85	0.45	-38.27	2,620.89	-2,067.77	3,338.37	3,337.07	1.30	2,562.495		
400.00	399.98	363.98	363.98	1.21	0.62	6.37	2,620.89	-2,067.77	3,336.63	3,334.80	1.83	1,822.116		
500.00	499.84	463.84	463.84	1.57	0.79	6.39	2,620.89	-2,067.77	3,331.43	3,329.07	2.36	1,409.667		
600.00	599.45	563.45	563.45	1.94	0.96	6.43	2,620.89	-2,067.77	3,322.77	3,319.87	2.90	1,146.622		
700.00	698.70	662.70	662.70	2.32	1.13	6.48	2,620.89	-2,067.77	3,310.66	3,307.23	3.43	963.973		
800.00	797.47	744.78	744.77	2.73	1.44	6.52	2,620.63	-2,068.62	3,295.49	3,291.38	4.11	802.417		
900.00	895.62	849.25	849.24	3.16	1.80	6.58	2,620.10	-2,070.00	3,276.93	3,272.09	4.84	676.855		
1,000.00	993.06	952.89	952.87	3.63	2.16	6.66	2,619.42	-2,071.23	3,254.80	3,249.22	5.58	583.646		
1,100.00	1,089.64	1,064.10	1,064.07	4.14	2.54	6.76	2,618.65	-2,072.12	3,229.04	3,222.70	6.34	509.191		
1,200.00	1,185.27	1,179.43	1,179.39	4.70	2.94	6.91	2,618.14	-2,071.59	3,199.39	3,192.27	7.12	449.129		
1,300.00	1,279.82	1,293.53	1,293.47	5.30	3.33	7.12	2,618.04	-2,069.41	3,165.87	3,157.97	7.90	400.540		
1,400.00	1,373.17	1,449.55	1,449.04	5.96	3.88	7.57	2,621.69	-2,058.78	3,128.27	3,119.44	8.83	354.267		
1,500.00	1,465.21	1,550.14	1,548.69	6.67	4.24	8.07	2,626.73	-2,046.04	3,086.04	3,076.45	9.59	321.876		
1,600.00	1,555.84	1,646.06	1,643.12	7.44	4.61	8.69	2,633.64	-2,030.72	3,040.57	3,030.22	10.35	293.708		
1,700.00	1,645.41	1,700.00	1,898.58	8.26	4.80	10.38	2,652.95	-1,974.53	2,990.30	2,979.42	10.89	274.690		
1,800.00	1,734.94	2,014.03	2,001.07	9.09	6.23	11.10	2,657.65	-1,949.51	2,937.20	2,924.54	12.66	232.017		
1,900.00	1,824.47	2,074.68	2,059.94	9.94	6.52	11.53	2,660.52	-1,935.19	2,884.65	2,871.29	13.36	215.850		
2,000.00	1,913.99	2,145.68	2,128.76	10.80	6.87	12.06	2,664.68	-1,918.25	2,832.93	2,818.80	14.13	200.476		
2,100.00	2,003.52	2,215.00	2,195.71	11.66	7.22	12.61	2,669.09	-1,900.80	2,781.29	2,766.38	14.91	186.489		
2,200.00	2,093.05	2,272.17	2,251.05	12.53	7.50	13.07	2,672.82	-1,886.95	2,730.55	2,714.89	15.66	174.392		
2,300.00	2,182.58	2,346.64	2,323.66	13.40	7.87	13.64	2,677.64	-1,871.16	2,681.29	2,664.81	16.48	162.661		
2,400.00	2,272.11	2,465.43	2,438.78	14.28	8.48	14.64	2,685.20	-1,842.86	2,630.95	2,613.44	17.52	150.171		
2,500.00	2,361.63	2,547.10	2,517.63	15.16	8.91	15.39	2,690.83	-1,822.36	2,580.92	2,562.49	18.43	140.028		
2,600.00	2,451.16	2,630.19	2,597.63	16.04	9.37	16.20	2,696.92	-1,800.74	2,531.18	2,511.80	19.38	130.623		
2,700.00	2,540.69	2,707.48	2,671.84	16.92	9.80	16.99	2,702.95	-1,780.00	2,481.86	2,461.53	20.33	122.103		
2,800.00	2,630.22	2,776.57	2,738.20	17.81	10.19	17.73	2,708.52	-1,761.59	2,433.28	2,412.02	21.26	114.459		
2,900.00	2,719.75	2,845.35	2,804.37	18.70	10.57	18.47	2,714.19	-1,743.71	2,385.58	2,363.37	22.21	107.424		
3,000.00	2,809.28	2,914.86	2,871.35	19.58	10.96	19.23	2,720.06	-1,726.09	2,338.79	2,315.62	23.18	100.909		
3,100.00	2,898.80	2,995.95	2,949.49	20.47	11.41	20.15	2,727.26	-1,705.63	2,292.92	2,268.70	24.22	94.665		
3,200.00	2,988.33	3,115.83	3,065.48	21.36	12.07	21.51	2,735.66	-1,676.55	2,246.54	2,221.08	25.45	88.263		
3,300.00	3,077.86	3,203.30	3,149.83	22.26	12.56	22.58	2,741.48	-1,654.14	2,200.06	2,173.49	26.57	82.804		
3,400.00	3,167.39	3,278.02	3,222.04	23.15	12.97	23.50	2,746.19	-1,635.50	2,154.19	2,126.54	27.65	77.908		
3,500.00	3,256.92	3,341.53	3,283.67	24.04	13.31	24.28	2,750.16	-1,620.73	2,109.48	2,080.79	28.69	73.526		
3,600.00	3,346.44	3,452.03	3,391.01	24.93	13.91	25.68	2,756.78	-1,595.35	2,065.35	2,035.39	29.96	68.942		
3,700.00	3,435.97	3,530.59	3,467.04	25.83	14.34	26.75	2,761.35	-1,576.10	2,021.27	1,990.14	31.14	64.917		
3,800.00	3,525.50	3,610.29	3,544.10	26.72	14.78	27.88	2,766.13	-1,556.30	1,978.02	1,945.66	32.35	61.135		
3,900.00	3,615.03	3,682.32	3,613.81	27.62	15.18	28.93	2,770.46	-1,538.75	1,935.74	1,902.17	33.57	57.669		
4,000.00	3,704.56	3,760.02	3,688.96	28.51	15.62	30.10	2,775.65	-1,519.69	1,894.80	1,859.96	34.84	54.381		
4,100.00	3,794.09	3,848.91	3,774.67	29.41	16.13	31.52	2,781.40	-1,496.82	1,854.37	1,818.13	36.23	51.180		
4,200.00	3,883.61	3,910.43	3,833.55	30.30	16.50	32.58	2,786.08	-1,479.62	1,815.43	1,777.90	37.54	48.364		
4,300.00	3,973.14	3,981.18	3,900.85	31.20	16.94	33.87	2,792.34	-1,458.70	1,778.39	1,739.43	38.96	45.650		
4,400.00	4,062.67	4,064.99	3,980.61	32.10	17.46	35.44	2,799.84	-1,434.12	1,742.88	1,702.38	40.49	43.040		
4,500.00	4,152.20	4,149.69	4,062.12	32.99	17.95	36.98	2,806.39	-1,412.08	1,708.30	1,666.29	42.02	40.657		
4,600.00	4,241.73	4,231.80	4,142.24	33.89	18.38	38.37	2,812.16	-1,395.11	1,675.17	1,631.70	43.47	38.533		
4,700.00	4,331.26	4,327.73	4,236.52	34.79	18.84	39.95	2,817.91	-1,378.34	1,642.70	1,597.74	44.96	36.539		
4,800.00	4,420.78	4,420.16	4,327.94	35.69	19.24	41.41	2,822.77	-1,365.66	1,611.04	1,564.65	46.39	34.731		
4,900.00	4,510.31	4,524.93	4,432.01	36.58	19.65	43.01	2,826.78	-1,354.28	1,579.30	1,531.48	47.82	33.026		
5,000.00	4,599.84	4,610.03	4,516.77	37.48	19.95	44.27	2,829.67	-1,347.36	1,548.29	1,499.11	49.17	31.485		
5,100.00	4,689.37	4,696.08	4,602.64	38.38	20.24	45.51	2,832.57	-1,342.63	1,518.19	1,467.68	50.51	30.056		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,773.72	4,680.18	39.28	20.48	46.61	2,835.55	-1,340.00	1,489.35	1,437.53	51.82	28.739		
5,300.00	4,868.42	4,902.07	4,808.47	40.18	20.85	48.36	2,838.85	-1,338.86	1,459.97	1,406.81	53.16	27.463		
5,400.00	4,957.95	4,984.86	4,891.24	41.07	21.07	49.50	2,840.43	-1,339.23	1,430.82	1,376.35	54.47	26.269		
5,500.00	5,047.48	5,068.16	4,974.52	41.97	21.29	50.66	2,842.46	-1,339.94	1,402.83	1,347.04	55.79	25.144		
5,600.00	5,137.01	5,151.99	5,058.31	42.87	21.52	51.86	2,844.95	-1,341.01	1,376.04	1,318.90	57.14	24.083		
5,700.00	5,226.54	5,266.71	5,172.99	43.77	21.83	53.59	2,847.49	-1,341.96	1,349.35	1,290.83	58.52	23.059		
5,800.00	5,316.07	5,357.70	5,263.97	44.67	22.09	55.03	2,848.67	-1,342.22	1,322.76	1,262.83	59.93	22.071		
5,900.00	5,405.59	5,448.65	5,354.91	45.57	22.34	56.53	2,849.79	-1,342.49	1,297.04	1,235.67	61.37	21.136		
6,000.00	5,495.12	5,539.56	5,445.82	46.47	22.60	58.08	2,850.85	-1,342.77	1,272.21	1,209.40	62.82	20.252		
6,100.00	5,584.65	5,629.80	5,536.05	47.37	22.85	59.66	2,851.91	-1,343.31	1,248.38	1,184.10	64.28	19.421		
6,200.00	5,674.18	5,720.46	5,626.69	48.27	23.10	61.28	2,853.06	-1,344.34	1,225.59	1,159.84	65.75	18.639		
6,300.00	5,763.71	5,811.50	5,717.71	49.16	23.35	62.93	2,854.31	-1,345.86	1,203.86	1,136.63	67.23	17.907		
6,400.00	5,853.23	5,903.90	5,810.08	50.06	23.60	64.64	2,855.62	-1,347.92	1,183.16	1,114.46	68.70	17.222		
6,500.00	5,942.76	7,828.96	6,992.48	50.96	30.19	157.44	1,775.56	-1,325.10	1,161.45	1,124.10	37.35	31.096		
6,600.00	6,032.29	7,802.72	6,992.37	51.86	29.94	155.74	1,801.80	-1,325.63	1,090.19	1,050.52	39.67	27.480		
6,700.00	6,121.82	7,767.35	6,992.23	52.76	29.62	153.39	1,837.16	-1,326.07	1,022.89	980.41	42.48	24.078		
6,800.00	6,211.35	7,714.14	6,991.06	53.66	29.15	149.74	1,890.35	-1,326.77	959.75	913.74	46.01	20.859		
6,900.00	6,300.88	7,673.14	6,989.26	54.56	28.81	146.83	1,931.31	-1,327.38	901.73	851.77	49.96	18.050		
7,000.00	6,390.40	7,641.98	6,987.44	55.46	28.57	144.57	1,962.41	-1,327.66	850.42	796.23	54.18	15.695		
7,100.00	6,479.90	7,613.70	6,985.45	56.36	28.36	144.09	1,990.62	-1,327.74	807.42	748.82	58.61	13.776		
7,200.00	6,565.62	7,589.92	6,983.56	57.41	28.19	152.94	2,014.33	-1,327.67	784.42	721.33	63.09	12.434		
7,229.87	6,589.77	7,584.14	6,983.10	57.78	28.15	154.83	2,020.09	-1,327.65	783.10	718.75	64.36	12.168	CC, ES	
7,300.00	6,643.25	7,570.84	6,982.10	58.67	28.05	158.26	2,033.35	-1,327.61	790.33	723.25	67.08	11.782		
7,400.00	6,710.45	7,553.07	6,980.89	60.11	27.94	161.49	2,051.08	-1,327.58	824.52	754.39	70.13	11.757	SF	
7,500.00	6,765.16	7,537.55	6,979.95	61.71	27.84	163.62	2,066.58	-1,327.58	882.92	810.79	72.14	12.240		
7,600.00	6,805.74	7,525.20	6,979.28	63.40	27.76	165.30	2,078.90	-1,327.60	959.72	886.41	73.31	13.091		
7,700.00	6,830.93	7,516.91	6,978.86	65.14	27.71	167.46	2,087.18	-1,327.62	1,048.97	975.04	73.93	14.188		
7,800.00	6,839.98	7,513.36	6,978.70	66.86	27.69	173.84	2,090.73	-1,327.63	1,145.50	1,071.30	74.20	15.437		
7,900.00	6,840.00	7,512.58	6,978.66	68.58	27.68	174.35	2,091.51	-1,327.63	1,244.41	1,170.09	74.32	16.743		
8,000.00	6,840.00	7,511.80	6,978.62	70.35	27.68	174.10	2,092.29	-1,327.63	1,343.49	1,269.07	74.42	18.053		
8,100.00	6,840.00	7,511.00	6,978.59	72.18	27.67	173.84	2,093.09	-1,327.63	1,442.69	1,368.19	74.50	19.364		
8,200.00	6,840.00	7,510.18	6,978.55	74.06	27.67	173.57	2,093.90	-1,327.64	1,541.99	1,467.42	74.57	20.678		
8,300.00	6,840.00	7,509.35	6,978.51	75.98	27.66	173.30	2,094.73	-1,327.64	1,641.38	1,566.75	74.64	21.992		
8,400.00	6,840.00	7,508.50	6,978.48	77.96	27.66	173.03	2,095.58	-1,327.64	1,740.84	1,666.15	74.69	23.307		
8,500.00	6,840.00	7,507.64	6,978.44	79.97	27.65	172.74	2,096.45	-1,327.64	1,840.36	1,765.61	74.74	24.622		
8,600.00	6,840.00	7,506.75	6,978.40	82.03	27.65	172.46	2,097.33	-1,327.65	1,939.92	1,865.13	74.79	25.938		
8,700.00	6,840.00	8,700.00	6,977.78	84.12	38.00	167.93	2,111.40	-1,327.75	2,039.52	1,956.04	83.49	24.429		
8,800.00	6,840.00	8,800.00	6,977.71	86.25	38.98	167.47	2,112.83	-1,327.76	2,139.16	2,054.91	84.25	25.391		
8,900.00	6,840.00	8,900.00	6,977.64	88.41	39.97	167.02	2,114.26	-1,327.78	2,238.83	2,153.82	85.01	26.337		
9,000.00	6,840.00	9,000.00	6,977.58	90.60	40.97	166.57	2,115.69	-1,327.79	2,338.52	2,252.76	85.77	27.266		
9,100.00	6,840.00	9,100.00	6,977.51	92.82	41.97	166.12	2,117.12	-1,327.80	2,438.24	2,351.72	86.53	28.179		
9,200.00	6,840.00	7,505.15	6,978.32	95.07	27.64	171.94	2,098.93	-1,327.66	2,538.03	2,463.06	74.97	33.856		
9,300.00	6,840.00	7,500.07	6,978.12	97.34	27.61	170.30	2,104.01	-1,327.67	2,637.79	2,562.72	75.08	35.135		
9,400.00	6,840.00	7,492.11	6,977.79	99.64	27.56	167.75	2,111.97	-1,327.72	2,737.58	2,662.34	75.23	36.388		
9,500.00	6,840.00	7,477.88	6,977.14	101.95	27.48	163.30	2,126.18	-1,327.84	2,837.37	2,761.88	75.49	37.586		
9,600.00	6,840.00	7,463.00	6,976.40	104.29	27.40	158.82	2,141.04	-1,328.04	2,937.17	2,861.41	75.75	38.772		
9,700.00	6,840.00	7,463.00	6,976.40	106.64	27.40	158.82	2,141.04	-1,328.04	3,036.98	2,961.21	75.77	40.082		
9,800.00	6,840.00	7,463.00	6,976.40	109.02	27.40	158.82	2,141.04	-1,328.04	3,136.80	3,061.01	75.78	41.391		
9,900.00	6,840.00	7,463.00	6,976.40	111.41	27.40	158.82	2,141.04	-1,328.04	3,236.63	3,160.83	75.80	42.700		
10,000.00	6,840.00	7,458.48	6,976.15	113.81	27.38	157.50	2,145.55	-1,328.11	3,336.46	3,260.57	75.89	43.965		
10,100.00	6,840.00	7,457.56	6,976.10	116.23	27.37	157.23	2,146.47	-1,328.12	3,436.31	3,360.39	75.92	45.262		
10,200.00	6,840.00	7,456.66	6,976.05	118.67	27.37	156.97	2,147.36	-1,328.13	3,536.17	3,460.22	75.95	46.558		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	7,455.80	6,976.00	121.11	27.36	156.73	2,148.22	-1,328.15	3,636.03	3,560.05	75.98	47.853		
10,400.00	6,840.00	7,454.97	6,975.94	123.57	27.36	156.49	2,149.05	-1,328.16	3,735.90	3,659.89	76.01	49.148		
10,500.00	6,840.00	7,454.16	6,975.89	126.04	27.35	156.25	2,149.86	-1,328.17	3,835.78	3,759.73	76.05	50.441		
10,600.00	6,840.00	7,453.38	6,975.84	128.52	27.35	156.03	2,150.64	-1,328.18	3,935.66	3,859.59	76.08	51.733		
10,700.00	6,840.00	7,452.63	6,975.80	131.01	27.34	155.82	2,151.39	-1,328.18	4,035.55	3,959.44	76.11	53.024		
10,800.00	6,840.00	7,451.89	6,975.75	133.51	27.34	155.61	2,152.12	-1,328.19	4,135.44	4,059.31	76.14	54.314		
10,900.00	6,840.00	7,451.19	6,975.70	136.02	27.34	155.41	2,152.83	-1,328.20	4,235.34	4,159.17	76.17	55.603		
11,000.00	6,840.00	7,450.50	6,975.66	138.53	27.33	155.21	2,153.51	-1,328.21	4,335.25	4,259.04	76.20	56.891		
11,100.00	6,840.00	7,449.83	6,975.61	141.06	27.33	155.02	2,154.18	-1,328.22	4,435.15	4,358.92	76.23	58.178		
11,200.00	6,840.00	7,449.18	6,975.57	143.59	27.33	154.84	2,154.83	-1,328.22	4,535.06	4,458.80	76.27	59.463		
11,300.00	6,840.00	7,448.55	6,975.52	146.13	27.32	154.66	2,155.45	-1,328.23	4,634.98	4,558.68	76.30	60.747		
11,400.00	6,840.00	7,443.00	6,975.12	148.68	27.30	153.12	2,160.99	-1,328.28	4,734.90	4,658.50	76.40	61.972		
11,500.00	6,840.00	7,443.00	6,975.12	151.23	27.30	153.12	2,160.99	-1,328.28	4,834.82	4,758.39	76.43	63.260		
11,600.00	6,840.00	7,443.00	6,975.12	153.79	27.30	153.12	2,160.99	-1,328.28	4,934.74	4,858.29	76.45	64.546		
11,700.00	6,840.00	7,443.00	6,975.12	156.35	27.30	153.12	2,160.99	-1,328.28	5,034.67	4,958.19	76.48	65.832		
11,800.00	6,840.00	7,443.00	6,975.12	158.92	27.30	153.12	2,160.99	-1,328.28	5,134.60	5,058.09	76.50	67.116		
11,900.00	6,840.00	7,443.00	6,975.12	161.49	27.30	153.12	2,160.99	-1,328.28	5,234.53	5,158.00	76.53	68.398		
12,000.00	6,840.00	7,443.00	6,975.12	164.07	27.30	153.12	2,160.99	-1,328.28	5,334.46	5,257.91	76.56	69.680		
12,100.00	6,840.00	7,443.00	6,975.12	166.66	27.30	153.12	2,160.99	-1,328.28	5,434.40	5,357.82	76.58	70.960		
12,200.00	6,840.00	7,443.00	6,975.12	169.25	27.30	153.12	2,160.99	-1,328.28	5,534.34	5,457.73	76.61	72.238		
12,300.00	6,840.00	7,443.00	6,975.12	171.84	27.30	153.12	2,160.99	-1,328.28	5,634.28	5,557.64	76.64	73.515		
12,400.00	6,840.00	7,443.00	6,975.12	174.44	27.30	153.12	2,160.99	-1,328.28	5,734.22	5,657.55	76.67	74.791		
12,500.00	6,840.00	7,443.00	6,975.12	177.04	27.30	153.12	2,160.99	-1,328.28	5,834.17	5,757.47	76.70	76.065		
12,600.00	6,840.00	7,443.00	6,975.12	179.64	27.30	153.12	2,160.99	-1,328.28	5,934.12	5,857.39	76.73	77.337		
12,700.00	6,840.00	7,443.00	6,975.12	182.25	27.30	153.12	2,160.99	-1,328.28	6,034.06	5,957.30	76.76	78.608		
12,800.00	6,840.00	7,443.00	6,975.12	184.86	27.30	153.12	2,160.99	-1,328.28	6,134.01	6,057.22	76.79	79.878		
12,900.00	6,840.00	7,443.00	6,975.12	187.47	27.30	153.12	2,160.99	-1,328.28	6,233.97	6,157.14	76.82	81.146		
13,000.00	6,840.00	7,443.00	6,975.12	190.09	27.30	153.12	2,160.99	-1,328.28	6,333.92	6,257.06	76.86	82.412		
13,100.00	6,840.00	7,443.00	6,975.12	192.71	27.30	153.12	2,160.99	-1,328.28	6,433.87	6,356.98	76.89	83.677		
13,200.00	6,840.00	7,443.00	6,975.12	195.34	27.30	153.12	2,160.99	-1,328.28	6,533.83	6,456.91	76.92	84.940		
13,300.00	6,840.00	7,443.00	6,975.12	197.96	27.30	153.12	2,160.99	-1,328.28	6,633.79	6,556.83	76.96	86.201		
13,400.00	6,840.00	7,443.00	6,975.12	200.59	27.30	153.12	2,160.99	-1,328.28	6,733.75	6,656.76	76.99	87.461		
13,500.00	6,840.00	7,443.00	6,975.12	203.22	27.30	153.12	2,160.99	-1,328.28	6,833.71	6,756.68	77.03	88.719		
13,600.00	6,840.00	7,443.00	6,975.12	205.85	27.30	153.12	2,160.99	-1,328.28	6,933.67	6,856.61	77.06	89.975		
13,700.00	6,840.00	7,443.00	6,975.12	208.49	27.30	153.12	2,160.99	-1,328.28	7,033.63	6,956.53	77.10	91.230		
13,800.00	6,840.00	7,443.00	6,975.12	211.13	27.30	153.12	2,160.99	-1,328.28	7,133.59	7,056.46	77.13	92.483		
13,900.00	6,840.00	7,443.00	6,975.12	213.77	27.30	153.12	2,160.99	-1,328.28	7,233.56	7,156.39	77.17	93.734		
14,000.00	6,840.00	7,443.00	6,975.12	216.41	27.30	153.12	2,160.99	-1,328.28	7,333.52	7,256.31	77.21	94.983		
14,100.00	6,840.00	7,443.00	6,975.12	219.06	27.30	153.12	2,160.99	-1,328.28	7,433.49	7,356.24	77.25	96.231		
14,200.00	6,840.00	7,443.00	6,975.12	221.70	27.30	153.12	2,160.99	-1,328.28	7,533.46	7,456.17	77.28	97.477		
14,300.00	6,840.00	7,443.00	6,975.12	224.35	27.30	153.12	2,160.99	-1,328.28	7,633.42	7,556.10	77.32	98.720		
14,400.00	6,840.00	7,443.00	6,975.12	227.00	27.30	153.12	2,160.99	-1,328.28	7,733.39	7,656.03	77.36	99.962		
14,500.00	6,840.00	7,443.00	6,975.12	229.65	27.30	153.12	2,160.99	-1,328.28	7,833.36	7,755.96	77.40	101.203		
14,600.00	6,840.00	7,443.00	6,975.12	232.30	27.30	153.12	2,160.99	-1,328.28	7,933.33	7,855.89	77.44	102.441		
14,700.00	6,840.00	7,443.00	6,975.12	234.96	27.30	153.12	2,160.99	-1,328.28	8,033.30	7,955.82	77.48	103.677		
14,800.00	6,840.00	7,443.00	6,975.12	237.61	27.30	153.12	2,160.99	-1,328.28	8,133.28	8,055.75	77.52	104.912		
14,900.00	6,840.00	7,443.00	6,975.12	240.27	27.30	153.12	2,160.99	-1,328.28	8,233.25	8,155.68	77.57	106.144		
15,000.00	6,840.00	7,443.00	6,975.12	242.93	27.30	153.12	2,160.99	-1,328.28	8,333.22	8,255.61	77.61	107.375		
15,100.00	6,840.00	7,443.00	6,975.12	245.59	27.30	153.12	2,160.99	-1,328.28	8,433.20	8,355.54	77.65	108.603		
15,200.00	6,840.00	7,443.00	6,975.12	248.25	27.30	153.12	2,160.99	-1,328.28	8,533.17	8,455.48	77.69	109.830		
15,300.00	6,840.00	7,443.00	6,975.12	250.92	27.30	153.12	2,160.99	-1,328.28	8,633.15	8,555.41	77.74	111.055		
15,400.00	6,840.00	7,443.00	6,975.12	253.58	27.30	153.12	2,160.99	-1,328.28	8,733.12	8,655.34	77.78	112.277		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	7,443.00	6,975.12	256.25	27.30	153.12	2,160.99	-1,328.28	8,833.10	8,755.27	77.83	113.498	
15,600.00	6,840.00	7,443.00	6,975.12	258.91	27.30	153.12	2,160.99	-1,328.28	8,933.07	8,855.20	77.87	114.717	
15,700.00	6,840.00	7,443.00	6,975.12	261.58	27.30	153.12	2,160.99	-1,328.28	9,033.05	8,955.13	77.92	115.933	
15,800.00	6,840.00	7,443.00	6,975.12	264.25	27.30	153.12	2,160.99	-1,328.28	9,133.03	9,055.07	77.96	117.147	
15,900.00	6,840.00	7,443.00	6,975.12	266.92	27.30	153.12	2,160.99	-1,328.28	9,233.01	9,155.00	78.01	118.360	
16,000.00	6,840.00	7,443.00	6,975.12	269.59	27.30	153.12	2,160.99	-1,328.28	9,332.99	9,254.93	78.05	119.570	
16,100.00	6,840.00	7,443.00	6,975.12	272.26	27.30	153.12	2,160.99	-1,328.28	9,432.96	9,354.86	78.10	120.778	
16,200.00	6,840.00	7,443.00	6,975.12	274.94	27.30	153.12	2,160.99	-1,328.28	9,532.94	9,454.80	78.15	121.984	
16,300.00	6,840.00	7,443.00	6,975.12	277.61	27.30	153.12	2,160.99	-1,328.28	9,632.92	9,554.73	78.20	123.188	
16,400.00	6,840.00	7,443.00	6,975.12	280.28	27.30	153.12	2,160.99	-1,328.28	9,732.90	9,654.66	78.25	124.390	
16,500.00	6,840.00	7,443.00	6,975.12	282.96	27.30	153.12	2,160.99	-1,328.28	9,832.89	9,754.59	78.29	125.590	
16,600.00	6,840.00	7,443.00	6,975.12	285.64	27.30	153.12	2,160.99	-1,328.28	9,932.87	9,854.52	78.34	126.787	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-102.62	-377.37	-1,685.77	1,728.06					
100.00	100.00	66.43	66.43	0.13	0.07	-102.62	-377.51	-1,685.54	1,727.33	1,727.13	0.20	8,738.081		
200.00	200.00	160.45	160.44	0.49	0.16	-102.65	-378.03	-1,684.80	1,726.70	1,726.04	0.65	2,654.430		
228.33	228.33	184.33	184.33	0.59	0.19	-102.65	-378.15	-1,684.74	1,726.66	1,725.88	0.78	2,222.839		
300.00	300.00	258.92	258.92	0.85	0.22	-102.66	-378.39	-1,684.70	1,726.67	1,725.61	1.06	1,624.479		
400.00	399.98	361.61	361.60	1.21	0.27	-58.09	-378.22	-1,684.39	1,725.42	1,723.94	1.48	1,165.911		
500.00	499.84	459.84	459.84	1.57	0.34	-58.28	-377.95	-1,684.17	1,722.38	1,720.47	1.91	901.431		
600.00	599.45	561.93	561.92	1.94	0.41	-58.62	-377.84	-1,683.93	1,717.55	1,715.20	2.34	733.635		
700.00	698.70	659.68	659.68	2.32	0.46	-59.07	-377.77	-1,683.54	1,710.80	1,708.03	2.77	617.639		
800.00	797.47	756.73	756.73	2.73	0.51	-59.65	-377.60	-1,683.38	1,702.56	1,699.35	3.21	530.076		
900.00	895.62	857.55	857.54	3.16	0.56	-60.39	-377.43	-1,683.17	1,692.64	1,688.96	3.68	460.062		
1,000.00	993.06	952.12	952.11	3.63	0.58	-61.22	-377.16	-1,682.89	1,681.09	1,676.94	4.15	405.102		
1,100.00	1,089.64	1,044.59	1,044.58	4.14	0.59	-62.17	-377.27	-1,682.86	1,668.49	1,663.85	4.63	360.118		
1,200.00	1,185.27	1,139.29	1,139.28	4.70	0.60	-63.27	-377.00	-1,683.01	1,654.68	1,649.52	5.16	320.395		
1,300.00	1,279.82	1,232.24	1,232.23	5.30	0.63	-64.48	-376.74	-1,683.28	1,639.88	1,634.13	5.76	284.774		
1,400.00	1,373.17	1,326.76	1,326.74	5.96	0.65	-65.85	-376.59	-1,683.53	1,624.17	1,617.77	6.40	253.635		
1,500.00	1,465.21	1,420.93	1,420.92	6.67	0.68	-67.37	-376.40	-1,683.66	1,607.63	1,600.52	7.11	226.217		
1,600.00	1,555.84	1,511.73	1,511.71	7.44	0.71	-68.97	-376.13	-1,683.79	1,590.57	1,582.70	7.88	201.930		
1,700.00	1,645.41	1,605.81	1,605.80	8.26	0.75	-70.47	-375.57	-1,683.88	1,573.49	1,564.79	8.70	180.824		
1,800.00	1,734.94	1,695.92	1,695.91	9.09	0.78	-71.86	-374.93	-1,683.88	1,557.31	1,547.76	9.56	162.944		
1,900.00	1,824.47	1,784.94	1,784.92	9.94	0.81	-73.26	-374.30	-1,683.87	1,542.23	1,531.80	10.43	147.800		
2,000.00	1,913.99	1,872.71	1,872.69	10.80	0.85	-74.65	-373.62	-1,683.98	1,528.34	1,517.01	11.33	134.904		
2,100.00	2,003.52	1,964.04	1,964.01	11.66	0.88	-76.12	-372.94	-1,684.14	1,515.66	1,503.42	12.24	123.838		
2,200.00	2,093.05	2,053.04	2,053.01	12.53	0.91	-77.57	-372.10	-1,684.29	1,504.05	1,490.89	13.16	114.284		
2,300.00	2,182.58	2,140.10	2,140.07	13.40	0.94	-79.00	-371.37	-1,684.56	1,493.81	1,479.72	14.09	106.014		
2,400.00	2,272.11	2,228.70	2,228.67	14.28	0.97	-80.48	-370.70	-1,684.94	1,484.92	1,469.90	15.03	98.817		
2,500.00	2,361.63	2,318.70	2,318.66	15.16	1.00	-81.99	-370.00	-1,685.36	1,477.30	1,461.33	15.97	92.520		
2,600.00	2,451.16	2,408.05	2,408.00	16.04	1.03	-83.49	-369.22	-1,685.87	1,470.95	1,454.04	16.91	86.990		
2,700.00	2,540.69	2,495.92	2,495.86	16.92	1.06	-84.98	-368.39	-1,686.53	1,465.96	1,448.11	17.85	82.128		
2,800.00	2,630.22	2,587.24	2,587.19	17.81	1.09	-86.52	-367.51	-1,687.27	1,462.27	1,443.49	18.79	77.830		
2,900.00	2,719.75	2,677.24	2,677.17	18.70	1.12	-88.06	-366.66	-1,687.92	1,459.82	1,440.10	19.72	74.025		
3,000.00	2,809.28	2,769.63	2,769.56	19.58	1.15	-89.64	-365.80	-1,688.51	1,458.63	1,437.98	20.65	70.643		
3,055.40	2,858.87	2,820.74	2,820.67	20.08	1.16	-90.51	-365.24	-1,688.80	1,458.44	1,437.29	21.16	68.931 CC		
3,100.00	2,898.80	2,861.21	2,861.13	20.47	1.18	-91.20	-364.79	-1,689.03	1,458.57	1,437.00	21.57	67.631 ES		
3,200.00	2,988.33	2,951.34	2,951.26	21.36	1.21	-92.74	-363.75	-1,689.51	1,459.76	1,437.29	22.47	64.953		
3,300.00	3,077.86	3,042.27	3,042.18	22.26	1.24	-94.29	-362.71	-1,690.01	1,462.25	1,438.88	23.37	62.571		
3,400.00	3,167.39	3,131.80	3,131.70	23.15	1.27	-95.80	-361.51	-1,690.56	1,465.93	1,441.69	24.25	60.452		
3,500.00	3,256.92	3,217.50	3,217.39	24.04	1.30	-97.25	-360.70	-1,691.04	1,471.13	1,446.02	25.11	58.586		
3,600.00	3,346.44	3,309.24	3,309.13	24.93	1.33	-98.81	-360.06	-1,691.32	1,477.65	1,451.70	25.96	56.927		
3,700.00	3,435.97	3,402.75	3,402.64	25.83	1.36	-100.39	-359.42	-1,691.28	1,485.27	1,458.48	26.79	55.445		
3,800.00	3,525.50	3,489.03	3,488.91	26.72	1.37	-101.85	-359.03	-1,690.93	1,494.16	1,466.57	27.59	54.154		
3,900.00	3,615.03	3,574.80	3,574.69	27.62	1.39	-103.30	-358.96	-1,690.43	1,504.52	1,476.15	28.37	53.032		
4,000.00	3,704.56	3,663.92	3,663.80	28.51	1.40	-104.78	-359.01	-1,690.00	1,516.28	1,487.15	29.13	52.058		
4,100.00	3,794.09	3,755.97	3,755.85	29.41	1.41	-106.30	-359.04	-1,689.41	1,529.19	1,499.33	29.86	51.206		
4,200.00	3,883.61	3,845.49	3,845.37	30.30	1.43	-107.75	-358.91	-1,688.80	1,543.15	1,512.58	30.57	50.477		
4,300.00	3,973.14	3,933.14	3,933.02	31.20	1.44	-109.15	-358.90	-1,688.24	1,558.40	1,527.14	31.26	49.856		
4,400.00	4,062.67	4,024.13	4,024.00	32.10	1.46	-110.58	-358.84	-1,687.75	1,574.77	1,542.84	31.92	49.329		
4,500.00	4,152.20	4,115.47	4,115.35	32.99	1.48	-111.99	-358.64	-1,687.19	1,592.08	1,559.52	32.57	48.883		
4,600.00	4,241.73	4,200.35	4,200.22	33.89	1.50	-113.27	-358.45	-1,686.96	1,610.57	1,577.38	33.18	48.535		
4,700.00	4,331.26	4,291.38	4,291.25	34.79	1.52	-114.60	-358.30	-1,686.84	1,630.14	1,596.35	33.79	48.247		
4,800.00	4,420.78	4,384.33	4,384.20	35.69	1.54	-115.95	-358.06	-1,686.53	1,650.56	1,616.18	34.38	48.015		
4,900.00	4,510.31	4,489.33	4,489.20	36.58	1.57	-117.44	-357.31	-1,685.88	1,671.46	1,636.49	34.96	47.805		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,599.84	4,574.76	4,574.62	37.48	1.60	-118.62	-356.36	-1,685.13	1,692.85	1,657.35	35.51	47.679		
5,100.00	4,689.37	4,676.73	4,676.58	38.38	1.63	-119.98	-355.00	-1,685.06	1,715.13	1,679.07	36.06	47.567		
5,200.00	4,778.90	4,768.76	4,768.58	39.28	1.65	-121.13	-352.88	-1,686.19	1,737.57	1,700.98	36.59	47.491		
5,300.00	4,868.42	4,858.06	4,857.84	40.18	1.68	-122.22	-350.85	-1,687.70	1,760.86	1,723.76	37.10	47.460 SF		
5,400.00	4,957.95	4,945.20	4,944.95	41.07	1.70	-123.25	-348.94	-1,689.15	1,784.91	1,747.31	37.60	47.475		
5,500.00	5,047.48	5,034.03	5,033.74	41.97	1.72	-124.27	-347.22	-1,690.82	1,809.87	1,771.78	38.08	47.523		
5,600.00	5,137.01	5,129.22	5,128.90	42.87	1.75	-125.34	-345.20	-1,692.55	1,835.27	1,796.70	38.57	47.582		
5,700.00	5,226.54	5,221.02	5,220.67	43.77	1.77	-126.35	-343.18	-1,694.11	1,861.21	1,822.17	39.04	47.673		
5,800.00	5,316.07	5,314.80	5,314.41	44.67	1.80	-127.38	-341.01	-1,695.14	1,887.56	1,848.06	39.50	47.785		
5,900.00	5,405.59	5,397.89	5,397.47	45.57	1.82	-128.26	-339.22	-1,695.97	1,914.64	1,874.71	39.93	47.952		
6,000.00	5,495.12	5,477.62	5,477.20	46.47	1.85	-129.10	-337.88	-1,696.81	1,942.69	1,902.35	40.34	48.162		
6,100.00	5,584.65	5,561.12	5,560.68	47.37	1.87	-129.95	-336.87	-1,697.64	1,971.71	1,930.96	40.74	48.396		
6,200.00	5,674.18	5,652.28	5,651.84	48.27	1.89	-130.85	-335.94	-1,698.75	2,001.40	1,960.24	41.16	48.628		
6,300.00	5,763.71	5,738.71	5,738.25	49.16	1.91	-131.69	-334.95	-1,699.54	2,031.47	1,989.92	41.55	48.890		
6,400.00	5,853.23	5,817.46	5,817.00	50.06	1.93	-132.44	-334.48	-1,700.27	2,062.48	2,020.57	41.92	49.204		
6,500.00	5,942.76	5,904.71	5,904.24	50.96	1.95	-133.24	-334.21	-1,701.21	2,094.21	2,051.92	42.30	49.513		
6,600.00	6,032.29	5,984.44	5,983.97	51.86	1.95	-133.95	-334.22	-1,702.24	2,126.65	2,084.00	42.65	49.867		
6,700.00	6,121.82	6,072.24	6,071.76	52.76	1.96	-134.71	-334.52	-1,703.57	2,159.77	2,116.75	43.01	50.212		
6,800.00	6,211.35	6,154.63	6,154.14	53.66	1.97	-135.39	-334.90	-1,704.92	2,193.37	2,150.01	43.36	50.585		
6,900.00	6,300.88	6,235.07	6,234.56	54.56	1.97	-136.05	-335.65	-1,706.16	2,227.75	2,184.05	43.69	50.984		
7,000.00	6,390.40	6,318.47	6,317.95	55.46	1.97	-136.72	-336.70	-1,707.31	2,262.77	2,218.74	44.03	51.391		
7,100.00	6,479.90	6,405.62	6,405.08	56.36	1.97	-135.27	-337.92	-1,708.28	2,298.28	2,253.91	44.37	51.798		
7,200.00	6,565.62	6,487.19	6,486.64	57.41	1.97	-121.33	-339.18	-1,709.21	2,333.96	2,289.21	44.75	52.160		
7,300.00	6,643.25	6,559.93	6,559.36	58.67	1.97	-111.99	-340.46	-1,710.17	2,369.44	2,324.25	45.19	52.434		
7,400.00	6,710.45	6,623.95	6,623.36	60.11	1.97	-105.28	-341.72	-1,711.04	2,404.52	2,358.83	45.69	52.626		
7,500.00	6,765.16	6,677.66	6,677.05	61.71	1.96	-100.14	-342.81	-1,711.63	2,439.00	2,392.77	46.23	52.760		
7,600.00	6,805.74	6,720.55	6,719.93	63.40	1.96	-95.99	-343.67	-1,712.01	2,472.70	2,425.93	46.77	52.864		
7,700.00	6,830.93	6,750.00	6,749.38	65.14	1.96	-92.46	-344.21	-1,712.25	2,505.32	2,458.03	47.29	52.974		
7,800.00	6,839.98	6,761.17	6,760.55	66.86	1.96	-89.31	-344.41	-1,712.34	2,536.44	2,488.71	47.73	53.137		
7,900.00	6,840.00	6,762.10	6,761.48	68.58	1.96	-89.18	-344.42	-1,712.34	2,568.11	2,519.99	48.12	53.369		
8,000.00	6,840.00	6,763.00	6,762.38	70.35	1.96	-89.20	-344.44	-1,712.35	2,603.22	2,554.72	48.50	53.680		
8,100.00	6,840.00	6,763.91	6,763.28	72.18	1.96	-89.23	-344.46	-1,712.36	2,641.65	2,592.79	48.86	54.068		
8,200.00	6,840.00	6,764.81	6,764.18	74.06	1.96	-89.25	-344.47	-1,712.37	2,683.26	2,634.06	49.21	54.532		
8,300.00	6,840.00	6,765.71	6,765.09	75.98	1.96	-89.27	-344.49	-1,712.37	2,727.91	2,678.37	49.54	55.068		
8,400.00	6,840.00	6,766.61	6,765.98	77.96	1.96	-89.29	-344.50	-1,712.38	2,775.44	2,725.59	49.85	55.673		
8,500.00	6,840.00	6,767.51	6,766.88	79.97	1.96	-89.31	-344.52	-1,712.39	2,825.71	2,775.56	50.15	56.345		
8,600.00	6,840.00	6,768.40	6,767.78	82.03	1.96	-89.33	-344.53	-1,712.39	2,878.58	2,828.15	50.43	57.080		
8,700.00	6,840.00	6,769.30	6,768.67	84.12	1.96	-89.35	-344.55	-1,712.40	2,933.90	2,883.21	50.69	57.875		
8,800.00	6,840.00	6,770.19	6,769.57	86.25	1.96	-89.37	-344.56	-1,712.41	2,991.55	2,940.61	50.94	58.727		
8,900.00	6,840.00	6,771.09	6,770.46	88.41	1.96	-89.40	-344.58	-1,712.42	3,051.38	3,000.21	51.17	59.632		
9,000.00	6,840.00	6,771.98	6,771.35	90.60	1.96	-89.42	-344.59	-1,712.42	3,113.28	3,061.89	51.38	60.588		
9,100.00	6,840.00	6,772.87	6,772.24	92.82	1.96	-89.44	-344.61	-1,712.43	3,177.12	3,125.53	51.58	61.591		
9,200.00	6,840.00	6,773.76	6,773.13	95.07	1.96	-89.46	-344.62	-1,712.44	3,242.78	3,191.01	51.77	62.638		
9,300.00	6,840.00	6,774.65	6,774.02	97.34	1.96	-89.48	-344.63	-1,712.44	3,310.16	3,258.22	51.94	63.728		
9,400.00	6,840.00	6,775.54	6,774.91	99.64	1.96	-89.50	-344.65	-1,712.45	3,379.16	3,327.06	52.10	64.856		
9,500.00	6,840.00	6,776.42	6,775.80	101.95	1.96	-89.52	-344.66	-1,712.46	3,449.68	3,397.43	52.25	66.022		
9,600.00	6,840.00	6,777.31	6,776.68	104.29	1.96	-89.54	-344.68	-1,712.47	3,521.63	3,469.24	52.39	67.221		
9,700.00	6,840.00	6,778.19	6,777.56	106.64	1.96	-89.56	-344.69	-1,712.47	3,594.92	3,542.40	52.52	68.453		
9,800.00	6,840.00	6,779.07	6,778.45	109.02	1.96	-89.58	-344.71	-1,712.48	3,669.47	3,616.83	52.64	69.715		
9,900.00	6,840.00	6,779.95	6,779.33	111.41	1.96	-89.61	-344.72	-1,712.49	3,745.20	3,692.46	52.75	71.005		
10,000.00	6,840.00	6,780.83	6,780.21	113.81	1.96	-89.63	-344.73	-1,712.49	3,822.05	3,769.21	52.85	72.321		
10,100.00	6,840.00	6,781.71	6,781.09	116.23	1.96	-89.65	-344.75	-1,712.50	3,899.96	3,847.01	52.94	73.662		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,782.59	6,781.96	118.67	1.96	-89.67	-344.76	-1,712.51	3,978.84	3,925.81	53.03	75.026		
10,300.00	6,840.00	6,783.47	6,782.84	121.11	1.96	-89.69	-344.78	-1,712.51	4,058.66	4,005.55	53.12	76.411		
10,400.00	6,840.00	6,784.34	6,783.72	123.57	1.96	-89.71	-344.79	-1,712.52	4,139.36	4,086.17	53.19	77.816		
10,500.00	6,840.00	6,785.22	6,784.59	126.04	1.96	-89.73	-344.80	-1,712.53	4,220.88	4,167.62	53.27	79.240		
10,600.00	6,840.00	6,786.09	6,785.46	128.52	1.96	-89.75	-344.82	-1,712.53	4,303.18	4,249.85	53.34	80.681		
10,700.00	6,840.00	6,786.96	6,786.33	131.01	1.96	-89.77	-344.83	-1,712.54	4,386.22	4,332.82	53.40	82.139		
10,800.00	6,840.00	6,787.83	6,787.20	133.51	1.96	-89.79	-344.85	-1,712.55	4,469.95	4,416.49	53.46	83.612		
10,900.00	6,840.00	6,788.70	6,788.07	136.02	1.96	-89.81	-344.86	-1,712.55	4,554.34	4,500.82	53.52	85.099		
11,000.00	6,840.00	6,789.57	6,788.94	138.53	1.96	-89.83	-344.87	-1,712.56	4,639.35	4,585.78	53.57	86.599		
11,100.00	6,840.00	6,790.44	6,789.81	141.06	1.96	-89.85	-344.89	-1,712.57	4,724.95	4,671.32	53.62	88.112		
11,200.00	6,840.00	6,791.30	6,790.67	143.59	1.96	-89.87	-344.90	-1,712.58	4,811.10	4,757.42	53.67	89.636		
11,300.00	6,840.00	6,792.17	6,791.54	146.13	1.96	-89.89	-344.91	-1,712.58	4,897.77	4,844.05	53.72	91.170		
11,400.00	6,840.00	6,793.03	6,792.40	148.68	1.96	-89.91	-344.93	-1,712.59	4,984.95	4,931.18	53.77	92.715		
11,500.00	6,840.00	6,793.89	6,793.27	151.23	1.96	-89.94	-344.94	-1,712.60	5,072.60	5,018.79	53.81	94.269		
11,600.00	6,840.00	6,794.76	6,794.13	153.79	1.96	-89.96	-344.95	-1,712.60	5,160.70	5,106.84	53.85	95.832		
11,700.00	6,840.00	6,795.62	6,794.99	156.35	1.96	-89.98	-344.97	-1,712.61	5,249.22	5,195.33	53.89	97.402		
11,800.00	6,840.00	6,796.48	6,795.85	158.92	1.96	-90.00	-344.98	-1,712.62	5,338.15	5,284.22	53.93	98.980		
11,900.00	6,840.00	6,797.33	6,796.70	161.49	1.96	-90.02	-344.99	-1,712.62	5,427.47	5,373.50	53.97	100.565		
12,000.00	6,840.00	6,798.19	6,797.56	164.07	1.96	-90.04	-345.01	-1,712.63	5,517.15	5,463.14	54.01	102.156		
12,100.00	6,840.00	6,799.05	6,798.42	166.66	1.96	-90.06	-345.02	-1,712.64	5,607.18	5,553.13	54.04	103.753		
12,200.00	6,840.00	6,799.90	6,799.27	169.25	1.96	-90.08	-345.03	-1,712.64	5,697.54	5,643.46	54.08	105.355		
12,300.00	6,840.00	6,800.75	6,800.12	171.84	1.96	-90.10	-345.04	-1,712.65	5,788.22	5,734.10	54.11	106.963		
12,400.00	6,840.00	6,801.61	6,800.98	174.44	1.96	-90.12	-345.06	-1,712.66	5,879.20	5,825.05	54.15	108.575		
12,500.00	6,840.00	6,802.46	6,801.83	177.04	1.96	-90.14	-345.07	-1,712.66	5,970.47	5,916.29	54.18	110.191		
12,600.00	6,840.00	6,803.31	6,802.68	179.64	1.96	-90.16	-345.08	-1,712.67	6,062.02	6,007.80	54.22	111.811		
12,700.00	6,840.00	6,804.16	6,803.53	182.25	1.96	-90.18	-345.09	-1,712.68	6,153.83	6,099.57	54.25	113.434		
12,800.00	6,840.00	6,805.00	6,804.37	184.86	1.96	-90.20	-345.11	-1,712.68	6,245.89	6,191.60	54.28	115.060		
12,900.00	6,840.00	6,805.85	6,805.22	187.47	1.96	-90.22	-345.12	-1,712.69	6,338.19	6,283.87	54.32	116.689		
13,000.00	6,840.00	6,806.70	6,806.07	190.09	1.96	-90.24	-345.13	-1,712.70	6,430.72	6,376.37	54.35	118.321		
13,100.00	6,840.00	6,807.54	6,806.91	192.71	1.96	-90.26	-345.14	-1,712.70	6,523.47	6,469.08	54.38	119.955		
13,200.00	6,840.00	6,808.38	6,807.75	195.34	1.96	-90.28	-345.16	-1,712.71	6,616.43	6,562.01	54.42	121.591		
13,300.00	6,840.00	6,809.23	6,808.59	197.96	1.96	-90.30	-345.17	-1,712.71	6,709.59	6,655.15	54.45	123.228		
13,400.00	6,840.00	6,810.07	6,809.44	200.59	1.96	-90.32	-345.18	-1,712.72	6,802.95	6,748.47	54.48	124.867		
13,500.00	6,840.00	6,810.91	6,810.28	203.22	1.96	-90.34	-345.19	-1,712.73	6,896.50	6,841.98	54.51	126.507		
13,600.00	6,840.00	6,811.75	6,811.11	205.85	1.96	-90.36	-345.21	-1,712.73	6,990.22	6,935.67	54.55	128.148		
13,700.00	6,840.00	6,812.58	6,811.95	208.49	1.96	-90.38	-345.22	-1,712.74	7,084.11	7,029.53	54.58	129.790		
13,800.00	6,840.00	6,813.42	6,812.79	211.13	1.96	-90.40	-345.23	-1,712.75	7,178.17	7,123.56	54.61	131.433		
13,900.00	6,840.00	6,814.26	6,813.62	213.77	1.96	-90.42	-345.24	-1,712.75	7,272.39	7,217.74	54.65	133.075		
14,000.00	6,840.00	6,815.09	6,814.46	216.41	1.96	-90.44	-345.25	-1,712.76	7,366.76	7,312.08	54.68	134.718		
14,100.00	6,840.00	6,815.92	6,815.29	219.06	1.96	-90.46	-345.26	-1,712.76	7,461.28	7,406.57	54.71	136.365		
14,200.00	6,840.00	6,816.75	6,816.12	221.70	1.96	-90.48	-345.27	-1,712.77	7,555.94	7,501.20	54.74	138.029		
14,300.00	6,840.00	6,817.58	6,816.95	224.35	1.96	-90.50	-345.28	-1,712.77	7,650.73	7,595.96	54.78	139.673		
14,400.00	6,840.00	6,818.41	6,817.78	227.00	1.96	-90.52	-345.29	-1,712.78	7,745.66	7,690.85	54.81	141.316		
14,500.00	6,840.00	6,819.24	6,818.61	229.65	1.96	-90.54	-345.30	-1,712.78	7,840.71	7,785.86	54.85	142.958		
14,600.00	6,840.00	6,820.07	6,819.44	232.30	1.96	-90.56	-345.31	-1,712.79	7,935.88	7,881.00	54.88	144.600		
14,700.00	6,840.00	6,820.90	6,820.27	234.96	1.96	-90.58	-345.32	-1,712.79	8,031.17	7,976.25	54.92	146.241		
14,800.00	6,840.00	6,821.73	6,821.10	237.61	1.96	-90.60	-345.33	-1,712.80	8,126.57	8,071.62	54.95	147.880		
14,900.00	6,840.00	6,822.56	6,821.93	240.27	1.96	-90.62	-345.34	-1,712.80	8,222.09	8,167.10	54.99	149.519		
15,000.00	6,840.00	6,823.39	6,822.76	242.93	1.96	-90.64	-345.35	-1,712.81	8,317.70	8,262.68	55.03	151.156		
15,100.00	6,840.00	6,824.22	6,823.59	245.59	1.96	-90.66	-345.36	-1,712.81	8,413.42	8,358.36	55.06	152.792		
15,200.00	6,840.00	6,825.05	6,824.42	248.25	1.96	-90.68	-345.37	-1,712.82	8,509.24	8,454.14	55.10	154.426		
15,300.00	6,840.00	6,825.88	6,825.25	250.92	1.96	-90.70	-345.38	-1,712.82	8,605.15	8,550.01	55.14	156.058		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,400.00	6,840.00	6,822.70	6,822.06	253.58	1.96	-90.62	-345.39	-1,712.82	8,701.16	8,645.98	55.18	157.689	
15,500.00	6,840.00	6,823.43	6,822.79	256.25	1.96	-90.63	-345.40	-1,712.83	8,797.25	8,742.03	55.22	159.318	
15,600.00	6,840.00	6,824.16	6,823.52	258.91	1.96	-90.65	-345.41	-1,712.83	8,893.43	8,838.18	55.26	160.945	
15,700.00	6,840.00	6,824.89	6,824.25	261.58	1.96	-90.67	-345.43	-1,712.84	8,989.70	8,934.40	55.30	162.570	
15,800.00	6,840.00	6,825.62	6,824.99	264.25	1.96	-90.69	-345.44	-1,712.85	9,086.04	9,030.70	55.34	164.192	
15,900.00	6,840.00	6,826.35	6,825.72	266.92	1.96	-90.70	-345.45	-1,712.85	9,182.46	9,127.08	55.38	165.813	
16,000.00	6,840.00	6,827.09	6,826.45	269.59	1.96	-90.72	-345.46	-1,712.86	9,278.96	9,223.54	55.42	167.431	
16,100.00	6,840.00	6,827.82	6,827.19	272.26	1.96	-90.74	-345.47	-1,712.86	9,375.53	9,320.07	55.46	169.046	
16,200.00	6,840.00	6,828.56	6,827.93	274.94	1.96	-90.76	-345.49	-1,712.87	9,472.17	9,416.67	55.50	170.659	
16,300.00	6,840.00	6,829.30	6,828.66	277.61	1.96	-90.77	-345.50	-1,712.87	9,568.88	9,513.34	55.55	172.270	
16,400.00	6,840.00	6,830.04	6,829.40	280.28	1.96	-90.79	-345.51	-1,712.88	9,665.66	9,610.07	55.59	173.878	
16,500.00	6,840.00	6,830.78	6,830.14	282.96	1.96	-90.81	-345.52	-1,712.89	9,762.50	9,706.87	55.63	175.483	
16,600.00	6,840.00	6,831.52	6,830.88	285.64	1.96	-90.83	-345.54	-1,712.89	9,859.41	9,803.73	55.68	177.085	
16,700.00	6,840.00	6,832.26	6,831.62	288.31	1.96	-90.84	-345.55	-1,712.90	9,956.38	9,900.66	55.72	178.684	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-133.72	-1,641.50	-1,716.55	2,375.26					
100.00	100.00	77.72	77.72	0.13	0.07	-133.72	-1,641.59	-1,716.33	2,375.01	2,374.80	0.21	N/A		
200.00	200.00	190.38	190.38	0.49	0.21	-133.74	-1,641.77	-1,715.41	2,374.52	2,373.82	0.71	3,365.404		
300.00	300.00	305.44	305.43	0.85	0.31	-133.75	-1,641.19	-1,714.22	2,373.43	2,372.27	1.16	2,044.691		
400.00	399.98	403.81	403.79	1.21	0.38	-89.19	-1,640.22	-1,713.31	2,372.06	2,370.47	1.59	1,495.500		
500.00	499.84	509.65	509.62	1.57	0.45	-89.35	-1,638.98	-1,712.35	2,370.52	2,368.51	2.01	1,178.657		
600.00	599.45	603.45	603.40	1.94	0.50	-89.56	-1,637.66	-1,711.75	2,368.99	2,366.56	2.43	974.877		
700.00	698.70	708.41	708.35	2.32	0.55	-89.88	-1,635.99	-1,711.22	2,367.45	2,364.58	2.87	825.142		
800.00	797.47	799.73	799.66	2.73	0.59	-90.24	-1,634.60	-1,710.79	2,366.04	2,362.72	3.32	712.575		
900.00	895.62	896.30	896.22	3.16	0.64	-90.69	-1,633.21	-1,710.48	2,364.93	2,361.13	3.80	622.301		
1,000.00	993.06	984.59	984.50	3.63	0.67	-91.17	-1,632.03	-1,710.39	2,364.26	2,359.95	4.31	548.873		
1,075.96	1,066.51	1,056.24	1,056.15	4.02	0.70	-91.60	-1,631.21	-1,710.45	2,364.14	2,359.42	4.72	500.548 CC		
1,100.00	1,089.64	1,079.31	1,079.21	4.14	0.71	-91.75	-1,630.98	-1,710.45	2,364.16	2,359.30	4.86	486.885		
1,200.00	1,185.27	1,173.29	1,173.19	4.70	0.75	-92.39	-1,630.08	-1,710.42	2,364.52	2,359.07	5.45	434.067 ES		
1,300.00	1,279.82	1,265.34	1,265.23	5.30	0.79	-93.08	-1,629.26	-1,710.47	2,365.50	2,359.42	6.09	388.708		
1,400.00	1,373.17	1,355.53	1,355.42	5.96	0.83	-93.82	-1,628.59	-1,710.53	2,367.27	2,360.50	6.77	349.442		
1,500.00	1,465.21	1,441.05	1,440.94	6.67	0.85	-94.56	-1,628.20	-1,710.56	2,370.03	2,362.52	7.51	315.567		
1,600.00	1,555.84	1,525.65	1,525.54	7.44	0.88	-95.33	-1,627.86	-1,710.99	2,374.06	2,365.76	8.30	286.145		
1,700.00	1,645.41	1,616.96	1,616.85	8.26	0.90	-96.27	-1,627.63	-1,711.36	2,379.13	2,370.00	9.13	260.620		
1,800.00	1,734.94	1,706.90	1,706.79	9.09	0.93	-97.23	-1,627.44	-1,711.63	2,384.98	2,375.01	9.97	239.105		
1,900.00	1,824.47	1,796.10	1,795.99	9.94	0.95	-98.16	-1,627.17	-1,712.00	2,391.65	2,380.82	10.83	220.904		
2,000.00	1,913.99	1,894.96	1,894.84	10.80	0.98	-99.20	-1,626.71	-1,712.35	2,398.95	2,387.26	11.69	205.280		
2,100.00	2,003.52	1,995.92	1,995.80	11.66	1.02	-100.25	-1,626.01	-1,712.30	2,406.65	2,394.10	12.55	191.691		
2,200.00	2,093.05	2,089.43	2,089.30	12.53	1.05	-101.22	-1,625.12	-1,712.06	2,414.85	2,401.43	13.42	179.907		
2,300.00	2,182.58	2,205.91	2,205.77	13.40	1.10	-102.41	-1,623.22	-1,711.76	2,423.31	2,409.02	14.30	169.485		
2,400.00	2,272.11	2,289.79	2,289.63	14.28	1.13	-103.26	-1,621.49	-1,711.45	2,432.13	2,416.98	15.16	160.473		
2,500.00	2,361.63	2,385.92	2,385.74	15.16	1.16	-104.23	-1,619.64	-1,710.83	2,441.69	2,425.67	16.01	152.470		
2,600.00	2,451.16	2,470.37	2,470.18	16.04	1.19	-105.09	-1,618.15	-1,709.92	2,451.92	2,435.06	16.86	145.421		
2,700.00	2,540.69	2,550.06	2,549.85	16.92	1.21	-105.90	-1,617.16	-1,708.86	2,463.20	2,445.50	17.70	139.196		
2,800.00	2,630.22	2,633.50	2,633.28	17.81	1.24	-106.76	-1,616.61	-1,707.54	2,475.60	2,457.08	18.52	133.654		
2,900.00	2,719.75	2,724.00	2,723.77	18.70	1.26	-107.67	-1,616.00	-1,706.14	2,488.75	2,469.40	19.34	128.660		
3,000.00	2,809.28	2,807.82	2,807.58	19.58	1.29	-108.51	-1,615.47	-1,704.97	2,502.74	2,482.59	20.15	124.193		
3,100.00	2,898.80	2,890.65	2,890.40	20.47	1.31	-109.34	-1,615.12	-1,703.90	2,517.68	2,496.73	20.95	120.185		
3,200.00	2,988.33	2,973.63	2,973.38	21.36	1.33	-110.15	-1,614.95	-1,702.96	2,533.56	2,511.83	21.73	116.578		
3,300.00	3,077.86	3,055.53	3,055.28	22.26	1.35	-110.95	-1,614.92	-1,702.25	2,550.37	2,527.86	22.50	113.337		
3,400.00	3,167.39	3,134.60	3,134.34	23.15	1.36	-111.71	-1,615.14	-1,701.63	2,568.15	2,544.89	23.25	110.440		
3,500.00	3,256.92	3,212.28	3,212.02	24.04	1.37	-112.45	-1,615.67	-1,701.22	2,587.01	2,563.02	23.99	107.850		
3,600.00	3,346.44	3,297.72	3,297.45	24.93	1.37	-113.25	-1,616.46	-1,700.86	2,606.77	2,582.06	24.71	105.492		
3,700.00	3,435.97	3,390.23	3,389.96	25.83	1.38	-114.11	-1,617.37	-1,700.36	2,627.17	2,601.74	25.43	103.317		
3,800.00	3,525.50	3,473.74	3,473.46	26.72	1.38	-114.87	-1,618.20	-1,699.92	2,648.21	2,622.08	26.13	101.352		
3,900.00	3,615.03	3,558.78	3,558.49	27.62	1.38	-115.64	-1,619.15	-1,699.74	2,670.04	2,643.23	26.82	99.556		
4,000.00	3,704.56	3,644.75	3,644.46	28.51	1.39	-116.40	-1,620.18	-1,699.68	2,692.57	2,665.07	27.50	97.911		
4,100.00	3,794.09	3,730.08	3,729.79	29.41	1.39	-117.15	-1,621.30	-1,699.65	2,715.79	2,687.62	28.17	96.406		
4,200.00	3,883.61	3,816.04	3,815.73	30.30	1.39	-117.89	-1,622.54	-1,699.74	2,739.69	2,710.86	28.83	95.024		
4,300.00	3,973.14	3,907.61	3,907.29	31.20	1.40	-118.66	-1,623.80	-1,700.03	2,764.12	2,734.63	29.49	93.735		
4,400.00	4,062.67	3,995.64	3,995.31	32.10	1.40	-119.39	-1,624.98	-1,700.36	2,789.06	2,758.93	30.13	92.553		
4,500.00	4,152.20	4,084.34	4,084.00	32.99	1.40	-120.11	-1,626.21	-1,700.66	2,814.53	2,783.75	30.77	91.462		
4,600.00	4,241.73	4,179.99	4,179.64	33.89	1.41	-120.88	-1,627.47	-1,700.87	2,840.41	2,809.00	31.41	90.434		
4,700.00	4,331.26	4,276.37	4,276.02	34.79	1.41	-121.65	-1,628.50	-1,700.98	2,866.54	2,834.50	32.04	89.476		
4,800.00	4,420.78	4,376.58	4,376.23	35.69	1.42	-122.43	-1,629.24	-1,701.25	2,892.87	2,860.21	32.66	88.569		
4,900.00	4,510.31	4,484.11	4,483.76	36.58	1.42	-123.24	-1,629.44	-1,701.86	2,919.22	2,885.92	33.29	87.685		
5,000.00	4,599.84	4,619.40	4,619.04	37.48	1.44	-124.23	-1,628.21	-1,702.89	2,945.05	2,911.10	33.95	86.734		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,720.15	4,719.76	38.38	1.46	-124.95	-1,626.29	-1,703.77	2,970.41	2,935.83	34.58	85.901		
5,200.00	4,778.90	4,809.39	4,808.98	39.28	1.48	-125.58	-1,624.43	-1,704.57	2,996.00	2,960.82	35.18	85.155		
5,300.00	4,868.42	4,899.40	4,898.96	40.18	1.50	-126.19	-1,622.56	-1,705.51	3,022.00	2,986.22	35.78	84.461		
5,400.00	4,957.95	4,982.95	4,982.49	41.07	1.52	-126.76	-1,620.91	-1,706.56	3,048.48	3,012.12	36.36	83.838		
5,500.00	5,047.48	5,063.07	5,062.59	41.97	1.53	-127.29	-1,619.53	-1,707.65	3,075.57	3,038.64	36.93	83.279		
5,600.00	5,137.01	5,147.13	5,146.64	42.87	1.55	-127.84	-1,618.36	-1,708.77	3,103.30	3,065.80	37.50	82.760		
5,700.00	5,226.54	5,232.52	5,232.01	43.77	1.56	-128.39	-1,617.28	-1,709.90	3,131.47	3,093.41	38.06	82.281		
5,800.00	5,316.07	5,315.93	5,315.41	44.67	1.58	-128.92	-1,616.42	-1,711.09	3,160.19	3,121.59	38.61	81.852		
5,900.00	5,405.59	5,411.93	5,411.40	45.57	1.60	-129.52	-1,615.41	-1,712.50	3,189.23	3,150.06	39.17	81.417		
6,000.00	5,495.12	5,488.88	5,488.33	46.47	1.61	-129.99	-1,614.73	-1,713.67	3,218.71	3,179.02	39.70	81.078		
6,100.00	5,584.65	5,586.41	5,585.85	47.37	1.63	-130.59	-1,613.96	-1,714.90	3,248.59	3,208.34	40.25	80.709		
6,200.00	5,674.18	5,674.69	5,674.13	48.27	1.65	-131.13	-1,613.15	-1,715.37	3,278.64	3,237.86	40.78	80.397		
6,300.00	5,763.71	5,763.76	5,763.19	49.16	1.67	-131.67	-1,612.41	-1,715.29	3,309.06	3,267.75	41.30	80.115		
6,400.00	5,853.23	5,847.25	5,846.67	50.06	1.68	-132.18	-1,611.77	-1,714.82	3,339.83	3,298.02	41.81	79.885		
6,500.00	5,942.76	5,928.85	5,928.28	50.96	1.70	-132.67	-1,611.36	-1,714.07	3,371.16	3,328.86	42.30	79.698		
6,600.00	6,032.29	6,013.29	6,012.70	51.86	1.72	-133.18	-1,611.05	-1,713.05	3,402.90	3,360.11	42.78	79.535		
6,700.00	6,121.82	6,085.55	6,084.96	52.76	1.72	-133.61	-1,611.04	-1,712.26	3,435.26	3,392.01	43.24	79.441		
6,800.00	6,211.35	6,186.22	6,185.63	53.66	1.74	-134.19	-1,611.19	-1,711.52	3,468.04	3,424.30	43.74	79.285		
6,900.00	6,300.88	6,265.01	6,264.42	54.56	1.75	-134.63	-1,611.19	-1,711.08	3,500.97	3,456.77	44.20	79.207		
7,000.00	6,390.40	6,348.84	6,348.24	55.46	1.76	-135.10	-1,611.49	-1,710.56	3,534.47	3,489.81	44.66	79.141		
7,100.00	6,479.90	6,447.99	6,447.39	56.36	1.76	-135.53	-1,611.78	-1,710.21	3,568.15	3,523.01	45.14	79.044		
7,200.00	6,565.62	6,540.35	6,539.75	57.41	1.76	-119.72	-1,611.74	-1,710.18	3,601.17	3,555.46	45.70	78.793		
7,300.00	6,643.25	6,614.53	6,613.94	58.67	1.77	-110.47	-1,611.74	-1,710.18	3,633.14	3,586.74	46.39	78.316		
7,400.00	6,710.45	6,681.40	6,680.80	60.11	1.76	-103.95	-1,611.78	-1,710.32	3,663.71	3,616.50	47.21	77.606		
7,500.00	6,765.16	6,729.75	6,729.15	61.71	1.76	-99.02	-1,611.85	-1,710.53	3,692.62	3,644.50	48.12	76.734		
7,600.00	6,805.74	6,763.16	6,762.57	63.40	1.76	-95.15	-1,611.98	-1,710.66	3,719.66	3,670.56	49.10	75.758		
7,700.00	6,830.93	6,783.97	6,783.38	65.14	1.76	-92.11	-1,612.09	-1,710.74	3,744.46	3,694.36	50.10	74.734		
7,800.00	6,839.98	6,791.62	6,791.02	66.86	1.76	-89.78	-1,612.14	-1,710.77	3,766.58	3,715.49	51.09	73.726		
7,900.00	6,840.00	6,791.92	6,791.33	68.58	1.76	-89.68	-1,612.14	-1,710.77	3,788.16	3,736.11	52.05	72.775		
8,000.00	6,840.00	6,792.20	6,791.61	70.35	1.76	-89.68	-1,612.14	-1,710.77	3,812.24	3,759.22	53.03	71.895		
8,100.00	6,840.00	6,792.49	6,791.89	72.18	1.76	-89.69	-1,612.14	-1,710.77	3,838.77	3,784.77	54.00	71.090		
8,200.00	6,840.00	6,792.77	6,792.17	74.06	1.76	-89.69	-1,612.14	-1,710.77	3,867.71	3,812.74	54.97	70.360		
8,300.00	6,840.00	6,793.05	6,792.45	75.98	1.76	-89.70	-1,612.15	-1,710.77	3,899.00	3,843.07	55.93	69.707		
8,400.00	6,840.00	6,793.33	6,792.73	77.96	1.76	-89.70	-1,612.15	-1,710.77	3,932.58	3,875.69	56.89	69.129		
8,500.00	6,840.00	6,793.61	6,793.01	79.97	1.76	-89.71	-1,612.15	-1,710.78	3,968.40	3,910.57	57.83	68.625		
8,600.00	6,840.00	6,793.89	6,793.29	82.03	1.76	-89.71	-1,612.15	-1,710.78	4,006.40	3,947.65	58.75	68.194		
8,700.00	6,840.00	6,794.16	6,793.57	84.12	1.76	-89.71	-1,612.15	-1,710.78	4,046.51	3,986.85	59.65	67.833		
8,800.00	6,840.00	6,794.44	6,793.85	86.25	1.76	-89.72	-1,612.15	-1,710.78	4,088.67	4,028.13	60.54	67.540		
8,900.00	6,840.00	6,794.72	6,794.12	88.41	1.76	-89.72	-1,612.16	-1,710.78	4,132.82	4,071.43	61.40	67.313		
9,000.00	6,840.00	6,795.00	6,794.40	90.60	1.76	-89.73	-1,612.16	-1,710.78	4,178.90	4,116.67	62.23	67.149		
9,100.00	6,840.00	6,795.27	6,794.68	92.82	1.76	-89.73	-1,612.16	-1,710.78	4,226.85	4,163.80	63.05	67.045		
9,200.00	6,840.00	6,795.55	6,794.95	95.07	1.76	-89.74	-1,612.16	-1,710.78	4,276.59	4,212.76	63.83	66.999 SF		
9,300.00	6,840.00	6,795.82	6,795.23	97.34	1.76	-89.74	-1,612.16	-1,710.78	4,328.08	4,263.49	64.59	67.007		
9,400.00	6,840.00	6,796.10	6,795.50	99.64	1.76	-89.74	-1,612.17	-1,710.78	4,381.24	4,315.91	65.32	67.068		
9,500.00	6,840.00	6,796.37	6,795.78	101.95	1.76	-89.75	-1,612.17	-1,710.79	4,436.02	4,369.99	66.03	67.179		
9,600.00	6,840.00	6,796.65	6,796.05	104.29	1.76	-89.75	-1,612.17	-1,710.79	4,492.36	4,425.64	66.71	67.337		
9,700.00	6,840.00	6,796.92	6,796.32	106.64	1.76	-89.76	-1,612.17	-1,710.79	4,550.19	4,482.82	67.37	67.541		
9,800.00	6,840.00	6,797.19	6,796.60	109.02	1.76	-89.76	-1,612.17	-1,710.79	4,609.48	4,541.48	68.00	67.786		
9,900.00	6,840.00	6,797.46	6,796.87	111.41	1.76	-89.76	-1,612.17	-1,710.79	4,670.15	4,601.54	68.61	68.073		
10,000.00	6,840.00	6,797.74	6,797.14	113.81	1.76	-89.77	-1,612.18	-1,710.79	4,732.15	4,662.97	69.19	68.397		
10,100.00	6,840.00	6,800.00	6,799.40	116.23	1.76	-89.80	-1,612.19	-1,710.80	4,795.44	4,725.70	69.75	68.753		
10,200.00	6,840.00	6,800.00	6,799.40	118.67	1.76	-89.80	-1,612.19	-1,710.80	4,859.97	4,789.69	70.28	69.149		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,800.00	6,799.40	121.11	1.76	-89.80	-1,612.19	-1,710.80	4,925.68	4,854.88	70.79	69.578		
10,400.00	6,840.00	6,800.00	6,799.40	123.57	1.76	-89.80	-1,612.19	-1,710.80	4,992.52	4,921.24	71.28	70.038		
10,500.00	6,840.00	6,800.00	6,799.40	126.04	1.76	-89.80	-1,612.19	-1,710.80	5,060.46	4,988.71	71.75	70.528		
10,600.00	6,840.00	6,800.00	6,799.40	128.52	1.76	-89.80	-1,612.19	-1,710.80	5,129.45	5,057.25	72.20	71.045		
10,700.00	6,840.00	6,800.00	6,799.40	131.01	1.76	-89.80	-1,612.19	-1,710.80	5,199.45	5,126.82	72.63	71.589		
10,800.00	6,840.00	6,800.00	6,799.40	133.51	1.76	-89.80	-1,612.19	-1,710.80	5,270.42	5,197.38	73.04	72.158		
10,900.00	6,840.00	6,800.24	6,799.65	136.02	1.76	-89.81	-1,612.19	-1,710.80	5,342.31	5,268.88	73.43	72.750		
11,000.00	6,840.00	6,800.67	6,800.07	138.53	1.76	-89.81	-1,612.20	-1,710.80	5,415.10	5,341.29	73.81	73.365		
11,100.00	6,840.00	6,801.09	6,800.50	141.06	1.76	-89.82	-1,612.20	-1,710.80	5,488.74	5,414.57	74.17	74.001		
11,200.00	6,840.00	6,801.52	6,800.92	143.59	1.76	-89.83	-1,612.20	-1,710.80	5,563.21	5,488.69	74.52	74.658		
11,300.00	6,840.00	6,801.95	6,801.35	146.13	1.76	-89.83	-1,612.20	-1,710.80	5,638.47	5,563.62	74.85	75.333		
11,400.00	6,840.00	6,802.38	6,801.78	148.68	1.76	-89.84	-1,612.21	-1,710.81	5,714.48	5,639.32	75.16	76.028		
11,500.00	6,840.00	6,802.81	6,802.21	151.23	1.76	-89.85	-1,612.21	-1,710.81	5,791.23	5,715.76	75.47	76.740		
11,600.00	6,840.00	6,803.24	6,802.64	153.79	1.76	-89.85	-1,612.21	-1,710.81	5,868.67	5,792.92	75.76	77.469		
11,700.00	6,840.00	6,803.67	6,803.08	156.35	1.76	-89.86	-1,612.22	-1,710.81	5,946.79	5,870.76	76.03	78.213		
11,800.00	6,840.00	6,804.11	6,803.51	158.92	1.76	-89.87	-1,612.22	-1,710.81	6,025.55	5,949.26	76.30	78.973		
11,900.00	6,840.00	6,804.54	6,803.95	161.49	1.76	-89.87	-1,612.22	-1,710.81	6,104.94	6,028.39	76.55	79.747		
12,000.00	6,840.00	6,804.98	6,804.38	164.07	1.76	-89.88	-1,612.23	-1,710.81	6,184.93	6,108.13	76.80	80.535		
12,100.00	6,840.00	6,805.42	6,804.82	166.66	1.76	-89.89	-1,612.23	-1,710.82	6,265.48	6,188.45	77.03	81.336		
12,200.00	6,840.00	6,805.86	6,805.26	169.25	1.76	-89.90	-1,612.23	-1,710.82	6,346.60	6,269.34	77.26	82.150		
12,300.00	6,840.00	6,806.30	6,805.70	171.84	1.76	-89.90	-1,612.23	-1,710.82	6,428.24	6,350.77	77.47	82.975		
12,400.00	6,840.00	6,806.74	6,806.14	174.44	1.76	-89.91	-1,612.24	-1,710.82	6,510.40	6,432.72	77.68	83.812		
12,500.00	6,840.00	6,807.18	6,806.59	177.04	1.76	-89.92	-1,612.24	-1,710.82	6,593.05	6,515.17	77.88	84.660		
12,600.00	6,840.00	6,807.63	6,807.03	179.64	1.76	-89.92	-1,612.24	-1,710.82	6,676.17	6,598.10	78.07	85.517		
12,700.00	6,840.00	6,808.07	6,807.48	182.25	1.76	-89.93	-1,612.25	-1,710.83	6,759.75	6,681.50	78.25	86.385		
12,800.00	6,840.00	6,808.52	6,807.92	184.86	1.76	-89.94	-1,612.25	-1,710.83	6,843.78	6,765.35	78.43	87.262		
12,900.00	6,840.00	6,808.97	6,808.37	187.47	1.76	-89.94	-1,612.25	-1,710.83	6,928.22	6,849.63	78.60	88.148		
13,000.00	6,840.00	6,809.42	6,808.82	190.09	1.76	-89.95	-1,612.25	-1,710.83	7,013.08	6,934.32	78.76	89.043		
13,100.00	6,840.00	6,809.87	6,809.28	192.71	1.76	-89.96	-1,612.26	-1,710.83	7,098.33	7,019.41	78.92	89.946		
13,200.00	6,840.00	6,810.32	6,809.73	195.34	1.76	-89.96	-1,612.26	-1,710.83	7,183.96	7,104.89	79.07	90.857		
13,300.00	6,840.00	6,810.78	6,810.18	197.96	1.76	-89.97	-1,612.26	-1,710.84	7,269.96	7,190.74	79.22	91.775		
13,400.00	6,840.00	6,811.23	6,810.64	200.59	1.76	-89.98	-1,612.27	-1,710.84	7,356.31	7,276.95	79.36	92.700		
13,500.00	6,840.00	6,811.69	6,811.09	203.22	1.76	-89.99	-1,612.27	-1,710.84	7,443.00	7,363.51	79.49	93.632		
13,600.00	6,840.00	6,812.15	6,811.55	205.85	1.76	-89.99	-1,612.27	-1,710.84	7,530.02	7,450.40	79.62	94.571		
13,700.00	6,840.00	6,812.61	6,812.01	208.49	1.76	-90.00	-1,612.28	-1,710.84	7,617.36	7,537.61	79.75	95.516		
13,800.00	6,840.00	6,813.07	6,812.47	211.13	1.76	-90.01	-1,612.28	-1,710.84	7,705.01	7,625.14	79.87	96.467		
13,900.00	6,840.00	6,813.53	6,812.94	213.77	1.76	-90.01	-1,612.28	-1,710.84	7,792.96	7,712.97	79.99	97.423		
14,000.00	6,840.00	6,814.00	6,813.40	216.41	1.76	-90.02	-1,612.28	-1,710.85	7,881.19	7,801.09	80.11	98.385		
14,100.00	6,840.00	6,814.46	6,813.86	219.06	1.76	-90.03	-1,612.29	-1,710.85	7,969.71	7,889.49	80.22	99.352		
14,200.00	6,840.00	6,814.93	6,814.33	221.70	1.76	-90.04	-1,612.29	-1,710.85	8,058.49	7,978.16	80.32	100.324		
14,300.00	6,840.00	6,815.40	6,814.80	224.35	1.76	-90.04	-1,612.29	-1,710.85	8,147.53	8,067.10	80.43	101.301		
14,400.00	6,840.00	6,815.87	6,815.27	227.00	1.76	-90.05	-1,612.30	-1,710.85	8,236.82	8,156.29	80.53	102.283		
14,500.00	6,840.00	6,816.34	6,815.74	229.65	1.76	-90.06	-1,612.30	-1,710.85	8,326.35	8,245.73	80.63	103.268		
14,600.00	6,840.00	6,816.81	6,816.21	232.30	1.76	-90.07	-1,612.30	-1,710.86	8,416.12	8,335.40	80.72	104.258		
14,700.00	6,840.00	6,817.28	6,816.69	234.96	1.76	-90.07	-1,612.30	-1,710.86	8,506.12	8,425.31	80.82	105.252		
14,800.00	6,840.00	6,817.76	6,817.16	237.61	1.76	-90.08	-1,612.31	-1,710.86	8,596.34	8,515.44	80.91	106.249		
14,900.00	6,840.00	6,818.24	6,817.64	240.27	1.76	-90.09	-1,612.31	-1,710.86	8,686.78	8,605.78	81.00	107.251		
15,000.00	6,840.00	6,818.71	6,818.12	242.93	1.76	-90.10	-1,612.31	-1,710.86	8,777.42	8,696.34	81.08	108.255		
15,100.00	6,840.00	6,819.19	6,818.60	245.59	1.76	-90.10	-1,612.32	-1,710.87	8,868.26	8,787.10	81.16	109.263		
15,200.00	6,840.00	6,819.68	6,819.08	248.25	1.76	-90.11	-1,612.32	-1,710.87	8,959.30	8,878.06	81.25	110.274		
15,300.00	6,840.00	6,820.16	6,819.56	250.92	1.76	-90.12	-1,612.32	-1,710.87	9,050.53	8,969.20	81.33	111.288		
15,400.00	6,840.00	6,820.64	6,820.05	253.58	1.76	-90.12	-1,612.32	-1,710.87	9,141.94	9,060.54	81.40	112.305		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	6,821.13	6,820.53	256.25	1.76	-90.13	-1,612.33	-1,710.87	9,233.53	9,152.05	81.48	113.324	
15,600.00	6,840.00	6,821.62	6,821.02	258.91	1.76	-90.14	-1,612.33	-1,710.87	9,325.29	9,243.74	81.55	114.346	
15,700.00	6,840.00	6,822.10	6,821.51	261.58	1.76	-90.15	-1,612.33	-1,710.88	9,417.22	9,335.59	81.63	115.371	
15,800.00	6,840.00	6,822.59	6,822.00	264.25	1.76	-90.16	-1,612.34	-1,710.88	9,509.31	9,427.61	81.70	116.397	
15,900.00	6,840.00	6,823.09	6,822.49	266.92	1.76	-90.16	-1,612.34	-1,710.88	9,601.56	9,519.80	81.77	117.426	
16,000.00	6,840.00	6,823.58	6,822.98	269.59	1.76	-90.17	-1,612.34	-1,710.88	9,693.97	9,612.13	81.84	118.457	
16,100.00	6,840.00	6,824.08	6,823.48	272.26	1.76	-90.18	-1,612.34	-1,710.88	9,786.52	9,704.62	81.90	119.490	
16,200.00	6,840.00	6,824.57	6,823.98	274.94	1.76	-90.19	-1,612.35	-1,710.88	9,879.22	9,797.25	81.97	120.525	
16,300.00	6,840.00	6,825.07	6,824.47	277.61	1.76	-90.19	-1,612.35	-1,710.89	9,972.06	9,890.03	82.03	121.562	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-61.05	923.19	-1,668.95	1,907.71					
100.00	100.00	61.86	61.86	0.13	0.06	-61.05	923.09	-1,668.95	1,907.22	1,907.03	0.19	9,884.640		
200.00	200.00	162.22	162.22	0.49	0.18	-61.06	922.65	-1,668.96	1,907.02	1,906.35	0.67	2,837.363		
300.00	300.00	257.88	257.88	0.85	0.25	-61.07	922.46	-1,668.98	1,906.94	1,905.85	1.09	1,741.589		
322.89	322.89	279.47	279.47	0.93	0.25	-16.44	922.46	-1,669.01	1,906.88	1,905.70	1.18	1,614.242		
400.00	399.98	357.80	357.80	1.21	0.28	-16.46	922.48	-1,669.11	1,905.40	1,903.92	1.48	1,288.056		
500.00	499.84	455.96	455.96	1.57	0.31	-16.54	922.43	-1,669.19	1,900.42	1,898.55	1.87	1,017.734		
600.00	599.45	555.31	555.31	1.94	0.35	-16.66	922.52	-1,669.40	1,892.29	1,890.02	2.27	834.216		
700.00	698.70	653.17	653.17	2.32	0.40	-16.83	922.50	-1,669.56	1,880.75	1,878.07	2.68	702.235		
800.00	797.47	751.23	751.23	2.73	0.44	-17.06	922.64	-1,669.85	1,866.10	1,863.01	3.09	604.079		
900.00	895.62	850.04	850.04	3.16	0.48	-17.35	922.57	-1,670.13	1,848.05	1,844.55	3.50	527.864		
1,000.00	993.06	946.88	946.88	3.63	0.51	-17.69	922.74	-1,670.37	1,826.84	1,822.92	3.92	466.087		
1,100.00	1,089.64	1,044.63	1,044.62	4.14	0.56	-18.10	922.79	-1,670.61	1,802.37	1,798.02	4.35	414.097		
1,200.00	1,185.27	1,139.28	1,139.28	4.70	0.60	-18.57	922.88	-1,670.81	1,774.72	1,769.93	4.79	370.189		
1,300.00	1,279.82	1,233.08	1,233.08	5.30	0.64	-19.11	923.09	-1,671.06	1,744.07	1,738.83	5.24	332.604		
1,400.00	1,373.17	1,329.17	1,329.16	5.96	0.68	-19.75	923.33	-1,671.20	1,710.26	1,704.56	5.70	300.008		
1,500.00	1,465.21	1,422.25	1,422.25	6.67	0.71	-20.48	923.46	-1,671.28	1,673.36	1,667.20	6.17	271.229		
1,600.00	1,555.84	1,512.58	1,512.57	7.44	0.74	-21.29	923.62	-1,671.32	1,633.54	1,626.89	6.65	245.645		
1,700.00	1,645.41	1,599.98	1,599.97	8.26	0.77	-21.93	923.77	-1,671.45	1,591.83	1,584.68	7.14	222.895		
1,800.00	1,734.94	1,690.84	1,690.84	9.09	0.81	-22.54	923.88	-1,671.64	1,550.21	1,542.56	7.65	202.677		
1,900.00	1,824.47	1,780.11	1,780.10	9.94	0.84	-23.18	923.93	-1,671.82	1,508.72	1,500.55	8.17	184.672		
2,000.00	1,913.99	1,860.96	1,860.95	10.80	0.88	-23.79	924.01	-1,672.18	1,467.63	1,458.92	8.71	168.499		
2,100.00	2,003.52	1,945.41	1,945.40	11.66	0.91	-24.46	924.32	-1,673.07	1,427.30	1,418.03	9.27	154.038		
2,200.00	2,093.05	2,034.08	2,034.06	12.53	0.94	-25.19	924.76	-1,674.06	1,387.27	1,377.44	9.84	141.044		
2,300.00	2,182.58	2,121.11	2,121.09	13.40	0.98	-25.96	925.06	-1,675.27	1,347.64	1,337.22	10.42	129.278		
2,400.00	2,272.11	2,208.83	2,208.79	14.28	1.01	-26.79	925.31	-1,676.67	1,308.42	1,297.38	11.03	118.604		
2,500.00	2,361.63	2,291.70	2,291.64	15.16	1.04	-27.62	925.57	-1,678.34	1,269.82	1,258.15	11.66	108.858		
2,600.00	2,451.16	2,379.20	2,379.12	16.04	1.08	-28.53	926.24	-1,680.35	1,231.89	1,219.58	12.31	100.048		
2,700.00	2,540.69	2,471.11	2,471.00	16.92	1.11	-29.50	927.75	-1,682.26	1,194.35	1,181.37	12.97	92.054		
2,800.00	2,630.22	2,564.64	2,564.49	17.81	1.14	-30.53	929.61	-1,683.90	1,156.93	1,143.28	13.65	84.736		
2,900.00	2,719.75	2,655.72	2,655.54	18.70	1.17	-31.59	931.49	-1,685.30	1,119.68	1,105.32	14.36	77.976		
3,000.00	2,809.28	2,747.44	2,747.23	19.58	1.21	-32.74	933.26	-1,686.76	1,082.82	1,067.73	15.09	71.745		
3,100.00	2,898.80	2,840.07	2,838.84	20.47	1.24	-34.00	934.67	-1,688.12	1,046.17	1,030.31	15.86	65.975		
3,200.00	2,988.33	2,932.43	2,932.19	21.36	1.27	-35.35	935.88	-1,689.39	1,009.86	993.21	16.66	60.625		
3,300.00	3,077.86	3,025.61	3,025.35	22.26	1.30	-36.82	936.76	-1,690.45	973.81	956.31	17.50	55.657		
3,400.00	3,167.39	3,116.17	3,115.91	23.15	1.34	-38.38	937.33	-1,691.40	938.25	919.86	18.39	51.028		
3,500.00	3,256.92	3,207.31	3,207.04	24.04	1.37	-40.07	937.73	-1,692.32	903.31	883.98	19.32	46.743		
3,600.00	3,346.44	3,301.58	3,301.31	24.93	1.40	-41.95	937.99	-1,692.98	868.87	848.56	20.31	42.787		
3,700.00	3,435.97	3,395.89	3,395.62	25.83	1.40	-44.00	938.02	-1,693.16	834.85	813.53	21.32	39.161		
3,800.00	3,525.50	3,486.62	3,486.35	26.72	1.40	-46.14	937.87	-1,693.02	801.52	779.12	22.40	35.782		
3,900.00	3,615.03	3,573.41	3,573.14	27.62	1.40	-48.34	937.58	-1,692.95	769.42	745.86	23.56	32.652		
4,000.00	3,704.56	3,660.81	3,660.53	28.51	1.41	-50.76	936.93	-1,693.18	738.98	714.17	24.81	29.785		
4,100.00	3,794.09	3,749.73	3,749.45	29.41	1.43	-53.39	936.16	-1,693.57	710.22	684.09	26.13	27.184		
4,200.00	3,883.61	3,838.90	3,838.62	30.30	1.44	-56.23	935.36	-1,693.95	683.20	655.69	27.51	24.838		
4,300.00	3,973.14	3,928.37	3,928.08	31.20	1.46	-59.27	934.46	-1,694.39	658.20	629.25	28.94	22.741		
4,400.00	4,062.67	4,019.55	4,019.26	32.10	1.48	-62.55	933.81	-1,694.69	635.18	604.76	30.42	20.884		
4,500.00	4,152.20	4,109.40	4,109.11	32.99	1.50	-65.94	933.54	-1,694.96	614.43	582.52	31.91	19.254		
4,600.00	4,241.73	4,200.25	4,199.96	33.89	1.52	-69.56	933.36	-1,695.11	596.16	562.76	33.41	17.846		
4,700.00	4,331.26	4,288.78	4,288.49	34.79	1.53	-73.25	933.24	-1,695.28	580.73	545.85	34.88	16.651		
4,800.00	4,420.78	4,376.16	4,375.86	35.69	1.56	-77.01	933.23	-1,695.75	568.59	532.30	36.29	15.668		
4,900.00	4,510.31	4,465.30	4,465.01	36.58	1.59	-80.95	933.19	-1,696.55	559.97	522.36	37.61	14.890		
5,000.00	4,599.84	4,556.34	4,556.04	37.48	1.62	-85.05	933.20	-1,697.33	554.66	515.86	38.80	14.296		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,646.84	4,646.54	38.38	1.65	-89.19	933.26	-1,697.83	552.57	512.74	39.83	13.872		
5,109.41	4,697.79	4,655.25	4,654.95	38.46	1.65	-89.57	933.27	-1,697.87	552.56	512.64	39.92	13.841	CC, ES	
5,200.00	4,778.90	4,736.72	4,736.42	39.28	1.68	-93.30	933.28	-1,698.27	554.02	513.32	40.70	13.614		
5,300.00	4,868.42	4,826.84	4,826.53	40.18	1.71	-97.36	933.57	-1,698.87	558.84	517.46	41.37	13.507	SF	
5,400.00	4,957.95	4,915.35	4,915.04	41.07	1.74	-101.28	933.77	-1,699.55	567.16	525.29	41.87	13.545		
5,500.00	5,047.48	5,004.76	5,004.45	41.97	1.77	-105.12	933.86	-1,700.32	578.84	536.63	42.21	13.713		
5,600.00	5,137.01	5,095.03	5,094.71	42.87	1.80	-108.85	933.99	-1,701.16	593.54	551.14	42.41	13.996		
5,700.00	5,226.54	5,183.85	5,183.53	43.77	1.83	-112.35	934.12	-1,702.09	611.08	568.60	42.48	14.385		
5,800.00	5,316.07	5,273.19	5,272.87	44.67	1.86	-115.69	934.12	-1,703.06	631.31	588.85	42.46	14.867		
5,900.00	5,405.59	5,363.24	5,362.91	45.57	1.89	-118.88	934.09	-1,704.01	653.90	611.52	42.38	15.429		
6,000.00	5,495.12	5,452.36	5,452.02	46.47	1.91	-121.83	934.09	-1,705.09	678.56	636.31	42.25	16.060		
6,100.00	5,584.65	5,542.21	5,541.87	47.37	1.94	-124.62	933.96	-1,706.26	705.22	663.12	42.10	16.750		
6,200.00	5,674.18	5,635.00	5,634.65	48.27	1.97	-127.32	934.01	-1,707.22	733.35	691.39	41.95	17.480		
6,300.00	5,763.71	5,728.05	5,727.69	49.16	2.00	-129.87	934.52	-1,707.91	762.50	720.70	41.80	18.241		
6,400.00	5,853.23	5,817.50	5,817.14	50.06	2.03	-132.14	935.12	-1,708.58	792.88	751.24	41.64	19.042		
6,500.00	5,942.76	5,905.85	5,905.49	50.96	2.05	-134.25	935.58	-1,709.12	824.59	783.11	41.49	19.877		
6,600.00	6,032.29	5,995.28	5,994.91	51.86	2.08	-136.23	935.94	-1,709.69	857.48	816.12	41.36	20.732		
6,700.00	6,121.82	6,084.34	6,083.98	52.76	2.11	-138.07	936.23	-1,710.38	891.37	850.11	41.26	21.604		
6,800.00	6,211.35	6,173.68	6,173.31	53.66	2.14	-139.78	936.43	-1,711.18	926.17	884.98	41.19	22.485		
6,900.00	6,300.88	6,263.38	6,263.01	54.56	2.17	-141.37	936.58	-1,712.19	961.74	920.59	41.16	23.368		
7,000.00	6,390.40	6,353.29	6,352.91	55.46	2.20	-142.85	936.70	-1,713.27	997.97	956.82	41.15	24.251		
7,100.00	6,479.90	6,446.71	6,446.32	56.36	2.23	-142.12	936.86	-1,714.66	1,034.71	993.51	41.20	25.112		
7,200.00	6,565.62	6,536.82	6,536.41	57.41	2.26	-128.90	937.41	-1,716.31	1,072.53	1,031.35	41.18	26.042		
7,300.00	6,643.25	6,613.73	6,613.30	58.67	2.28	-120.13	937.89	-1,717.74	1,112.74	1,071.74	41.00	27.140		
7,400.00	6,710.45	6,677.25	6,676.81	60.11	2.30	-113.50	938.07	-1,718.91	1,156.00	1,115.32	40.68	28.416		
7,500.00	6,765.16	6,734.62	6,734.17	61.71	2.32	-108.06	938.10	-1,719.87	1,202.55	1,162.23	40.32	29.828		
7,600.00	6,805.74	6,779.98	6,779.54	63.40	2.33	-102.88	938.39	-1,720.35	1,252.17	1,212.29	39.88	31.402		
7,700.00	6,830.93	6,807.84	6,807.39	65.14	2.34	-97.30	938.71	-1,720.51	1,304.61	1,265.27	39.34	33.159		
7,800.00	6,839.98	6,814.11	6,813.66	66.86	2.34	-91.06	938.78	-1,720.52	1,359.07	1,320.36	38.71	35.109		
7,900.00	6,840.00	6,814.26	6,813.81	68.58	2.34	-90.75	938.78	-1,720.52	1,416.30	1,378.18	38.12	37.154		
8,000.00	6,840.00	6,814.39	6,813.94	70.35	2.34	-90.75	938.78	-1,720.52	1,478.08	1,440.46	37.62	39.289		
8,100.00	6,840.00	6,814.52	6,814.07	72.18	2.34	-90.76	938.78	-1,720.52	1,543.88	1,506.67	37.21	41.496		
8,200.00	6,840.00	6,814.64	6,814.19	74.06	2.34	-90.77	938.79	-1,720.52	1,613.19	1,576.32	36.87	43.757		
8,300.00	6,840.00	6,814.75	6,814.30	75.98	2.34	-90.77	938.79	-1,720.52	1,685.59	1,648.99	36.60	46.060		
8,400.00	6,840.00	6,814.87	6,814.42	77.96	2.34	-90.78	938.79	-1,720.52	1,760.69	1,724.31	36.38	48.393		
8,500.00	6,840.00	6,814.98	6,814.52	79.97	2.34	-90.78	938.79	-1,720.52	1,838.17	1,801.95	36.22	50.748		
8,600.00	6,840.00	6,815.08	6,814.63	82.03	2.34	-90.79	938.79	-1,720.52	1,917.73	1,881.63	36.10	53.120		
8,700.00	6,840.00	6,815.18	6,814.73	84.12	2.34	-90.79	938.79	-1,720.52	1,999.13	1,963.11	36.02	55.503		
8,800.00	6,840.00	6,815.28	6,814.83	86.25	2.34	-90.80	938.79	-1,720.52	2,082.15	2,046.18	35.96	57.895		
8,900.00	6,840.00	6,815.37	6,814.92	88.41	2.34	-90.80	938.79	-1,720.52	2,166.60	2,130.67	35.93	60.293		
9,000.00	6,840.00	6,815.46	6,815.01	90.60	2.34	-90.81	938.79	-1,720.52	2,252.33	2,216.40	35.92	62.695		
9,100.00	6,840.00	6,815.55	6,815.10	92.82	2.34	-90.81	938.80	-1,720.52	2,339.19	2,303.26	35.93	65.100		
9,200.00	6,840.00	6,815.64	6,815.19	95.07	2.34	-90.82	938.80	-1,720.52	2,427.06	2,391.11	35.95	67.507		
9,300.00	6,840.00	6,815.72	6,815.27	97.34	2.34	-90.82	938.80	-1,720.52	2,515.84	2,479.86	35.98	69.914		
9,400.00	6,840.00	6,815.80	6,815.35	99.64	2.34	-90.82	938.80	-1,720.52	2,605.43	2,569.41	36.03	72.322		
9,500.00	6,840.00	6,815.88	6,815.43	101.95	2.34	-90.83	938.80	-1,720.52	2,695.76	2,659.68	36.07	74.729		
9,600.00	6,840.00	6,815.96	6,815.51	104.29	2.34	-90.83	938.80	-1,720.52	2,786.74	2,750.61	36.13	77.136		
9,700.00	6,840.00	6,816.03	6,815.58	106.64	2.34	-90.84	938.80	-1,720.52	2,878.32	2,842.14	36.19	79.542		
9,800.00	6,840.00	6,816.10	6,815.65	109.02	2.34	-90.84	938.80	-1,720.52	2,970.45	2,934.20	36.25	81.946		
9,900.00	6,840.00	6,816.17	6,815.72	111.41	2.34	-90.84	938.80	-1,720.52	3,063.07	3,026.76	36.31	84.348		
10,000.00	6,840.00	6,816.24	6,815.79	113.81	2.34	-90.85	938.80	-1,720.53	3,156.14	3,119.76	36.38	86.748		
10,100.00	6,840.00	6,816.31	6,815.86	116.23	2.34	-90.85	938.80	-1,720.53	3,249.62	3,213.17	36.45	89.146		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,816.37	6,815.92	118.67	2.34	-90.85	938.81	-1,720.53	3,343.48	3,306.96	36.52	91.542		
10,300.00	6,840.00	6,816.43	6,815.98	121.11	2.34	-90.86	938.81	-1,720.53	3,437.69	3,401.09	36.60	93.934		
10,400.00	6,840.00	6,800.00	6,799.55	123.57	2.34	-90.03	938.61	-1,720.48	3,532.28	3,495.71	36.57	96.594		
10,500.00	6,840.00	6,800.00	6,799.55	126.04	2.34	-90.03	938.61	-1,720.48	3,627.10	3,590.46	36.64	98.983		
10,600.00	6,840.00	6,800.00	6,799.55	128.52	2.34	-90.03	938.61	-1,720.48	3,722.19	3,685.47	36.72	101.369		
10,700.00	6,840.00	6,800.00	6,799.55	131.01	2.34	-90.03	938.61	-1,720.48	3,817.53	3,780.73	36.80	103.751		
10,800.00	6,840.00	6,800.00	6,799.55	133.51	2.34	-90.03	938.61	-1,720.48	3,913.10	3,876.23	36.87	106.129		
10,900.00	6,840.00	6,800.00	6,799.55	136.02	2.34	-90.03	938.61	-1,720.48	4,008.89	3,971.94	36.95	108.503		
11,000.00	6,840.00	6,800.00	6,799.55	138.53	2.34	-90.03	938.61	-1,720.48	4,104.88	4,067.85	37.02	110.873		
11,100.00	6,840.00	6,800.00	6,799.55	141.06	2.34	-90.03	938.61	-1,720.48	4,201.05	4,163.96	37.10	113.239		
11,200.00	6,840.00	6,800.00	6,799.55	143.59	2.34	-90.03	938.61	-1,720.48	4,297.41	4,260.23	37.17	115.600		
11,300.00	6,840.00	6,800.00	6,799.55	146.13	2.34	-90.03	938.61	-1,720.48	4,393.92	4,356.67	37.25	117.956		
11,400.00	6,840.00	6,800.00	6,799.55	148.68	2.34	-90.03	938.61	-1,720.48	4,490.59	4,453.26	37.33	120.307		
11,500.00	6,840.00	6,800.00	6,799.55	151.23	2.34	-90.03	938.61	-1,720.48	4,587.40	4,549.99	37.40	122.653		
11,600.00	6,840.00	6,800.00	6,799.55	153.79	2.34	-90.03	938.61	-1,720.48	4,684.34	4,646.86	37.48	124.994		
11,700.00	6,840.00	6,800.00	6,799.55	156.35	2.34	-90.03	938.61	-1,720.48	4,781.41	4,743.86	37.55	127.329		
11,800.00	6,840.00	6,800.00	6,799.55	158.92	2.34	-90.03	938.61	-1,720.48	4,878.60	4,840.97	37.63	129.659		
11,900.00	6,840.00	6,800.00	6,799.55	161.49	2.34	-90.03	938.61	-1,720.48	4,975.90	4,938.19	37.70	131.983		
12,000.00	6,840.00	6,800.00	6,799.55	164.07	2.34	-90.03	938.61	-1,720.48	5,073.30	5,035.52	37.78	134.302		
12,100.00	6,840.00	6,800.00	6,799.55	166.66	2.34	-90.03	938.61	-1,720.48	5,170.80	5,132.95	37.85	136.614		
12,200.00	6,840.00	6,800.00	6,799.55	169.25	2.34	-90.03	938.61	-1,720.48	5,268.40	5,230.48	37.92	138.921		
12,300.00	6,840.00	6,800.00	6,799.55	171.84	2.34	-90.03	938.61	-1,720.48	5,366.09	5,328.09	38.00	141.222		
12,400.00	6,840.00	6,800.00	6,799.55	174.44	2.34	-90.03	938.61	-1,720.48	5,463.85	5,425.78	38.07	143.516		
12,500.00	6,840.00	6,800.00	6,799.55	177.04	2.34	-90.03	938.61	-1,720.48	5,561.70	5,523.56	38.15	145.804		
12,600.00	6,840.00	6,800.00	6,799.55	179.64	2.34	-90.03	938.61	-1,720.48	5,659.63	5,621.41	38.22	148.085		
12,700.00	6,840.00	6,800.00	6,799.55	182.25	2.34	-90.03	938.61	-1,720.48	5,757.62	5,719.33	38.29	150.360		
12,800.00	6,840.00	6,800.00	6,799.55	184.86	2.34	-90.03	938.61	-1,720.48	5,855.68	5,817.32	38.37	152.628		
12,900.00	6,840.00	6,800.00	6,799.55	187.47	2.34	-90.03	938.61	-1,720.48	5,953.81	5,915.37	38.44	154.890		
13,000.00	6,840.00	6,800.00	6,799.55	190.09	2.34	-90.03	938.61	-1,720.48	6,052.00	6,013.49	38.51	157.144		
13,100.00	6,840.00	6,800.00	6,799.55	192.71	2.34	-90.03	938.61	-1,720.48	6,150.25	6,111.66	38.59	159.392		
13,200.00	6,840.00	6,800.00	6,799.55	195.34	2.34	-90.03	938.61	-1,720.48	6,248.55	6,209.89	38.66	161.632		
13,300.00	6,840.00	6,800.00	6,799.55	197.96	2.34	-90.03	938.61	-1,720.48	6,346.91	6,308.17	38.73	163.866		
13,400.00	6,840.00	6,800.00	6,799.55	200.59	2.34	-90.03	938.61	-1,720.48	6,445.31	6,406.51	38.81	166.092		
13,500.00	6,840.00	6,800.00	6,799.55	203.22	2.34	-90.03	938.61	-1,720.48	6,543.77	6,504.89	38.88	168.311		
13,600.00	6,840.00	6,800.00	6,799.55	205.85	2.34	-90.03	938.61	-1,720.48	6,642.27	6,603.32	38.95	170.523		
13,700.00	6,840.00	6,800.00	6,799.55	208.49	2.34	-90.03	938.61	-1,720.48	6,740.81	6,701.79	39.03	172.727		
13,800.00	6,840.00	6,800.00	6,799.55	211.13	2.34	-90.03	938.61	-1,720.48	6,839.40	6,800.30	39.10	174.924		
13,900.00	6,840.00	6,800.00	6,799.55	213.77	2.34	-90.03	938.61	-1,720.48	6,938.03	6,898.85	39.17	177.113		
14,000.00	6,840.00	6,800.00	6,799.55	216.41	2.34	-90.03	938.61	-1,720.48	7,036.69	6,997.45	39.25	179.295		
14,100.00	6,840.00	6,800.00	6,799.55	219.06	2.34	-90.03	938.61	-1,720.48	7,135.40	7,096.08	39.32	181.468		
14,200.00	6,840.00	6,800.00	6,799.55	221.70	2.34	-90.03	938.61	-1,720.48	7,234.14	7,194.74	39.39	183.635		
14,300.00	6,840.00	6,800.00	6,799.55	224.35	2.34	-90.03	938.61	-1,720.48	7,332.91	7,293.44	39.47	185.793		
14,400.00	6,840.00	6,800.00	6,799.55	227.00	2.34	-90.03	938.61	-1,720.48	7,431.72	7,392.17	39.54	187.943		
14,500.00	6,840.00	6,800.00	6,799.55	229.65	2.34	-90.03	938.61	-1,720.48	7,530.55	7,490.94	39.62	190.086		
14,600.00	6,840.00	6,800.00	6,799.55	232.30	2.34	-90.03	938.61	-1,720.48	7,629.42	7,589.73	39.69	192.220		
14,700.00	6,840.00	6,800.00	6,799.55	234.96	2.34	-90.03	938.61	-1,720.48	7,728.32	7,688.55	39.77	194.347		
14,800.00	6,840.00	6,800.00	6,799.55	237.61	2.34	-90.03	938.61	-1,720.48	7,827.24	7,787.40	39.84	196.465		
14,900.00	6,840.00	6,800.00	6,799.55	240.27	2.34	-90.03	938.61	-1,720.48	7,926.19	7,886.28	39.92	198.576		
15,000.00	6,840.00	6,800.00	6,799.55	242.93	2.34	-90.03	938.61	-1,720.48	8,025.17	7,985.18	39.99	200.678		
15,100.00	6,840.00	6,800.00	6,799.55	245.59	2.34	-90.03	938.61	-1,720.48	8,124.18	8,084.11	40.07	202.772		
15,200.00	6,840.00	6,800.00	6,799.55	248.25	2.34	-90.03	938.61	-1,720.48	8,223.20	8,183.06	40.14	204.858		
15,300.00	6,840.00	6,800.00	6,799.55	250.92	2.34	-90.03	938.61	-1,720.48	8,322.25	8,282.04	40.22	206.935		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,800.00	6,799.55	253.58	2.34	-90.03	938.61	-1,720.48	8,421.33	8,381.03	40.29	209.005	
15,500.00	6,840.00	6,800.00	6,799.55	256.25	2.34	-90.03	938.61	-1,720.48	8,520.42	8,480.05	40.37	211.065	
15,600.00	6,840.00	6,800.00	6,799.55	258.91	2.34	-90.03	938.61	-1,720.48	8,619.54	8,579.09	40.44	213.118	
15,700.00	6,840.00	6,800.00	6,799.55	261.58	2.34	-90.03	938.61	-1,720.48	8,718.67	8,678.15	40.52	215.162	
15,800.00	6,840.00	6,800.00	6,799.55	264.25	2.34	-90.03	938.61	-1,720.48	8,817.83	8,777.23	40.60	217.198	
15,900.00	6,840.00	6,800.00	6,799.55	266.92	2.34	-90.03	938.61	-1,720.48	8,917.00	8,876.33	40.68	219.225	
16,000.00	6,840.00	6,800.00	6,799.55	269.59	2.34	-90.03	938.61	-1,720.48	9,016.19	8,975.44	40.75	221.243	
16,100.00	6,840.00	6,800.00	6,799.55	272.26	2.34	-90.03	938.61	-1,720.48	9,115.40	9,074.57	40.83	223.253	
16,200.00	6,840.00	6,800.00	6,799.55	274.94	2.34	-90.03	938.61	-1,720.48	9,214.63	9,173.72	40.91	225.255	
16,300.00	6,840.00	6,800.00	6,799.55	277.61	2.34	-90.03	938.61	-1,720.48	9,313.87	9,272.89	40.99	227.248	
16,400.00	6,840.00	6,800.00	6,799.55	280.28	2.34	-90.03	938.61	-1,720.48	9,413.13	9,372.07	41.06	229.232	
16,500.00	6,840.00	6,800.00	6,799.55	282.96	2.34	-90.03	938.61	-1,720.48	9,512.41	9,471.27	41.14	231.208	
16,600.00	6,840.00	6,800.00	6,799.55	285.64	2.34	-90.03	938.61	-1,720.48	9,611.70	9,570.48	41.22	233.175	
16,700.00	6,840.00	6,800.00	6,799.55	288.31	2.34	-90.03	938.61	-1,720.48	9,711.00	9,669.70	41.30	235.134	
16,800.00	6,840.00	6,800.00	6,799.55	290.99	2.34	-90.03	938.61	-1,720.48	9,810.32	9,768.94	41.38	237.084	
16,900.00	6,840.00	6,800.00	6,799.55	293.67	2.34	-90.03	938.61	-1,720.48	9,909.65	9,868.20	41.46	239.025	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-34.54	2,387.70	-1,643.74	2,899.15					
100.00	100.00	51.93	51.93	0.13	0.05	-34.54	2,387.73	-1,643.73	2,898.81	2,898.62	0.18	N/A		
200.00	200.00	154.35	154.35	0.49	0.16	-34.54	2,387.93	-1,643.58	2,898.89	2,898.24	0.65	4,451.673		
300.00	300.00	258.78	258.78	0.85	0.27	-34.53	2,388.06	-1,643.17	2,898.77	2,897.66	1.11	2,603.027		
400.00	399.98	356.81	356.81	1.21	0.35	10.12	2,388.22	-1,642.67	2,896.90	2,895.35	1.54	1,876.510		
500.00	499.84	455.87	455.87	1.57	0.41	10.17	2,388.40	-1,642.31	2,891.69	2,889.73	1.96	1,472.108		
600.00	599.45	553.49	553.48	1.94	0.44	10.23	2,388.46	-1,642.11	2,883.05	2,880.69	2.35	1,225.174		
700.00	698.70	647.43	647.42	2.32	0.44	10.32	2,388.46	-1,642.26	2,871.14	2,868.42	2.72	1,053.993		
800.00	797.47	742.68	742.68	2.73	0.47	10.43	2,388.88	-1,642.09	2,856.01	2,852.89	3.12	915.512		
900.00	895.62	843.37	843.36	3.16	0.52	10.58	2,389.39	-1,641.88	2,837.53	2,834.00	3.53	802.709		
1,000.00	993.06	950.96	950.95	3.63	0.53	10.76	2,389.46	-1,641.90	2,815.48	2,811.54	3.94	715.452		
1,100.00	1,089.64	1,051.08	1,051.07	4.14	0.55	10.96	2,389.14	-1,641.88	2,789.76	2,785.42	4.34	643.226		
1,200.00	1,185.27	1,142.29	1,142.29	4.70	0.58	11.19	2,389.04	-1,641.72	2,760.84	2,756.09	4.75	580.787		
1,300.00	1,279.82	1,232.40	1,232.39	5.30	0.60	11.45	2,389.05	-1,641.66	2,728.82	2,723.65	5.17	527.846		
1,400.00	1,373.17	1,325.35	1,325.34	5.96	0.61	11.75	2,389.07	-1,641.82	2,693.74	2,688.16	5.58	482.685		
1,500.00	1,465.21	1,425.84	1,425.84	6.67	0.63	12.10	2,388.82	-1,641.97	2,655.26	2,649.25	6.01	441.485		
1,600.00	1,555.84	1,516.82	1,516.81	7.44	0.65	12.49	2,388.52	-1,642.00	2,613.57	2,607.10	6.46	404.368		
1,700.00	1,645.41	1,607.34	1,607.33	8.26	0.68	12.75	2,388.23	-1,641.96	2,569.71	2,562.80	6.92	371.539		
1,800.00	1,734.94	1,702.48	1,702.47	9.09	0.71	12.98	2,387.83	-1,641.85	2,525.69	2,518.32	7.37	342.781		
1,900.00	1,824.47	1,805.27	1,805.26	9.94	0.75	13.24	2,387.05	-1,641.53	2,481.35	2,473.52	7.83	317.093		
2,000.00	1,913.99	1,892.15	1,892.13	10.80	0.77	13.47	2,386.16	-1,641.28	2,436.85	2,428.56	8.29	293.967		
2,100.00	2,003.52	1,980.11	1,980.09	11.66	0.80	13.71	2,385.27	-1,641.09	2,392.44	2,383.68	8.76	273.102		
2,200.00	2,093.05	2,067.30	2,067.27	12.53	0.83	13.95	2,384.40	-1,640.99	2,348.11	2,338.88	9.23	254.269		
2,300.00	2,182.58	2,158.46	2,158.43	13.40	0.85	14.19	2,383.28	-1,641.29	2,303.86	2,294.14	9.71	237.212		
2,400.00	2,272.11	2,248.35	2,248.30	14.28	0.88	14.45	2,382.13	-1,641.44	2,259.52	2,249.32	10.20	221.601		
2,500.00	2,361.63	2,332.16	2,332.11	15.16	0.91	14.71	2,381.22	-1,641.47	2,215.31	2,204.62	10.69	207.228		
2,600.00	2,451.16	2,412.57	2,412.52	16.04	0.93	14.96	2,380.64	-1,641.61	2,171.49	2,160.30	11.19	194.032		
2,700.00	2,540.69	2,499.17	2,499.12	16.92	0.95	15.25	2,380.36	-1,641.62	2,127.94	2,116.25	11.69	182.065		
2,800.00	2,630.22	2,595.21	2,595.16	17.81	0.98	15.60	2,380.09	-1,641.39	2,084.36	2,072.17	12.19	170.992		
2,900.00	2,719.75	2,685.75	2,685.69	18.70	1.01	15.94	2,379.66	-1,641.12	2,040.66	2,027.95	12.70	160.631		
3,000.00	2,809.28	2,772.42	2,772.36	19.58	1.04	16.28	2,379.29	-1,640.83	1,997.04	1,983.81	13.23	150.968		
3,100.00	2,898.80	2,861.43	2,861.37	20.47	1.06	16.65	2,379.06	-1,640.46	1,953.59	1,939.83	13.76	142.016		
3,200.00	2,988.33	2,952.23	2,952.17	21.36	1.09	17.04	2,378.85	-1,639.98	1,910.16	1,895.87	14.29	133.692		
3,300.00	3,077.86	3,041.54	3,041.48	22.26	1.12	17.46	2,378.67	-1,639.31	1,866.75	1,851.92	14.83	125.890		
3,400.00	3,167.39	3,129.32	3,129.26	23.15	1.15	17.88	2,378.57	-1,638.63	1,823.48	1,808.10	15.38	118.571		
3,500.00	3,256.92	3,220.27	3,220.20	24.04	1.17	18.35	2,378.60	-1,637.78	1,780.34	1,764.41	15.93	111.751		
3,600.00	3,346.44	3,315.81	3,315.73	24.93	1.20	18.89	2,378.53	-1,636.25	1,736.95	1,720.46	16.48	105.368		
3,700.00	3,435.97	3,392.16	3,392.08	25.83	1.22	19.34	2,378.66	-1,635.16	1,693.94	1,676.85	17.09	99.129		
3,800.00	3,525.50	3,485.70	3,485.61	26.72	1.24	19.90	2,378.86	-1,634.38	1,651.32	1,633.66	17.66	93.494		
3,900.00	3,615.03	3,578.63	3,578.53	27.62	1.27	20.47	2,378.62	-1,633.83	1,608.55	1,590.30	18.25	88.126		
4,000.00	3,704.56	3,668.11	3,668.02	28.51	1.30	21.05	2,378.26	-1,633.30	1,565.80	1,546.93	18.87	82.992		
4,100.00	3,794.09	3,756.12	3,756.02	29.41	1.33	21.64	2,377.89	-1,632.91	1,523.22	1,503.73	19.50	78.116		
4,200.00	3,883.61	3,844.20	3,844.10	30.30	1.35	22.27	2,377.57	-1,632.62	1,480.88	1,460.74	20.15	73.507		
4,300.00	3,973.14	3,931.87	3,931.77	31.20	1.37	22.91	2,377.19	-1,632.61	1,438.77	1,417.96	20.81	69.147		
4,400.00	4,062.67	4,017.82	4,017.73	32.10	1.39	23.57	2,376.92	-1,632.78	1,396.99	1,375.50	21.49	65.006		
4,500.00	4,152.20	4,102.89	4,102.78	32.99	1.40	24.24	2,376.72	-1,633.45	1,355.67	1,333.48	22.19	61.098		
4,600.00	4,241.73	4,191.70	4,191.59	33.89	1.40	24.96	2,376.52	-1,634.60	1,314.71	1,291.82	22.89	57.441		
4,700.00	4,331.26	4,282.35	4,282.23	34.79	1.41	25.73	2,376.20	-1,636.10	1,273.96	1,250.36	23.60	53.979		
4,800.00	4,420.78	4,372.81	4,372.67	35.69	1.42	26.53	2,375.73	-1,637.85	1,233.36	1,209.02	24.34	50.678		
4,900.00	4,510.31	4,462.86	4,462.70	36.58	1.43	27.37	2,375.24	-1,639.59	1,192.95	1,167.84	25.10	47.522		
5,000.00	4,599.84	4,554.27	4,554.09	37.48	1.44	28.30	2,374.72	-1,641.29	1,152.75	1,126.85	25.89	44.518		
5,100.00	4,689.37	4,644.83	4,644.64	38.38	1.45	29.28	2,374.11	-1,642.80	1,112.67	1,085.95	26.73	41.632		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,733.10	4,732.89	39.28	1.46	30.31	2,373.58	-1,644.28	1,072.96	1,045.35	27.61	38.862		
5,300.00	4,868.42	4,819.76	4,819.54	40.18	1.47	31.39	2,373.25	-1,645.74	1,033.78	1,005.23	28.54	36.217		
5,400.00	4,957.95	4,905.16	4,904.92	41.07	1.48	32.53	2,373.24	-1,647.47	995.38	965.85	29.53	33.707		
5,500.00	5,047.48	5,001.04	5,000.78	41.97	1.49	33.88	2,373.09	-1,649.55	957.31	926.80	30.50	31.383		
5,600.00	5,137.01	5,091.67	5,091.39	42.87	1.50	35.27	2,372.67	-1,651.46	919.41	887.84	31.57	29.124		
5,700.00	5,226.54	5,186.62	5,186.32	43.77	1.51	36.85	2,371.96	-1,653.37	881.77	849.10	32.67	26.990		
5,800.00	5,316.07	5,274.64	5,274.31	44.67	1.53	38.43	2,371.08	-1,655.16	844.50	810.61	33.89	24.920		
5,900.00	5,405.59	5,362.29	5,361.94	45.57	1.54	40.10	2,370.41	-1,657.34	808.17	772.99	35.18	22.974		
6,000.00	5,495.12	5,451.49	5,451.09	46.47	1.56	41.91	2,369.85	-1,660.19	772.77	736.25	36.52	21.158		
6,100.00	5,584.65	5,541.09	5,540.62	47.37	1.57	43.84	2,369.31	-1,663.56	738.23	700.29	37.94	19.458		
6,200.00	5,674.18	5,632.38	5,631.81	48.27	1.59	45.91	2,368.81	-1,667.83	704.67	665.26	39.41	17.881		
6,300.00	5,763.71	5,723.52	5,722.85	49.16	1.60	48.18	2,367.99	-1,672.08	671.74	630.76	40.98	16.393		
6,400.00	5,853.23	5,806.31	5,805.57	50.06	1.61	50.47	2,367.88	-1,675.30	640.64	597.91	42.74	14.990		
6,500.00	5,942.76	5,894.02	5,893.24	50.96	1.62	53.15	2,368.44	-1,678.03	611.65	567.08	44.57	13.722		
6,600.00	6,032.29	5,983.94	5,983.13	51.86	1.63	56.21	2,369.20	-1,680.07	584.57	538.06	46.51	12.569		
6,700.00	6,121.82	6,072.66	6,071.84	52.76	1.64	59.54	2,369.99	-1,681.37	559.62	511.07	48.55	11.527		
6,800.00	6,211.35	6,161.37	6,160.53	53.66	1.65	63.11	2,371.04	-1,682.57	537.24	486.61	50.63	10.611		
6,900.00	6,300.88	6,252.02	6,251.16	54.56	1.66	66.97	2,372.41	-1,684.23	517.61	464.93	52.68	9.825		
7,000.00	6,390.40	6,344.18	6,343.29	55.46	1.67	71.09	2,373.76	-1,686.33	500.59	445.93	54.66	9.158		
7,100.00	6,479.90	6,437.04	6,436.10	56.36	1.68	77.26	2,374.95	-1,688.87	486.36	429.85	56.52	8.605		
7,182.08	6,550.78	6,511.47	6,510.49	57.22	1.69	91.24	2,375.74	-1,691.33	481.34	423.21	58.13	8.280 CC		
7,200.00	6,565.62	6,527.08	6,526.09	57.41	1.69	93.77	2,375.88	-1,691.88	481.60	423.13	58.47	8.237 ES		
7,300.00	6,643.25	6,609.56	6,608.51	58.67	1.71	105.30	2,376.37	-1,694.89	493.45	433.14	60.31	8.182 SF		
7,400.00	6,710.45	6,684.24	6,683.13	60.11	1.72	113.17	2,376.43	-1,698.03	524.30	462.71	61.59	8.512		
7,500.00	6,765.16	6,743.25	6,742.07	61.71	1.73	117.23	2,376.28	-1,700.79	574.37	512.18	62.19	9.235		
7,600.00	6,805.74	6,787.55	6,786.32	63.40	1.74	117.33	2,376.22	-1,702.87	641.67	579.42	62.25	10.309		
7,700.00	6,830.93	6,818.73	6,817.47	65.14	1.75	112.37	2,376.17	-1,704.34	722.27	660.27	62.00	11.650		
7,800.00	6,839.98	6,833.90	6,832.62	66.86	1.75	98.46	2,376.09	-1,705.07	811.83	750.19	61.64	13.171		
7,900.00	6,840.00	6,839.29	6,838.01	68.58	1.76	98.34	2,376.05	-1,705.33	905.37	844.10	61.26	14.778		
8,000.00	6,840.00	6,844.72	6,843.43	70.35	1.76	99.35	2,376.00	-1,705.60	1,000.13	939.22	60.91	16.419		
8,100.00	6,840.00	6,850.21	6,848.91	72.18	1.76	100.37	2,375.95	-1,705.87	1,095.81	1,035.21	60.60	18.084		
8,200.00	6,840.00	6,855.77	6,854.46	74.06	1.76	101.39	2,375.90	-1,706.14	1,192.17	1,131.86	60.31	19.767		
8,300.00	6,840.00	6,861.39	6,860.07	75.98	1.76	102.42	2,375.83	-1,706.42	1,289.06	1,229.00	60.06	21.464		
8,400.00	6,840.00	6,867.07	6,865.75	77.96	1.76	103.46	2,375.76	-1,706.71	1,386.38	1,326.55	59.83	23.171		
8,500.00	6,840.00	6,872.82	6,871.49	79.97	1.76	104.49	2,375.69	-1,707.00	1,484.03	1,424.40	59.63	24.887		
8,600.00	6,840.00	6,878.64	6,877.30	82.03	1.76	105.53	2,375.61	-1,707.29	1,581.96	1,522.51	59.45	26.610		
8,700.00	6,840.00	6,884.52	6,883.18	84.12	1.77	106.57	2,375.52	-1,707.59	1,680.11	1,620.82	59.29	28.337		
8,800.00	6,840.00	6,890.48	6,889.12	86.25	1.77	107.62	2,375.42	-1,707.90	1,778.45	1,719.31	59.15	30.068		
8,900.00	6,840.00	6,896.50	6,895.14	88.41	1.77	108.66	2,375.31	-1,708.21	1,876.95	1,817.93	59.02	31.802		
9,000.00	6,840.00	6,902.62	6,901.25	90.60	1.77	109.71	2,375.20	-1,708.52	1,975.59	1,916.68	58.91	33.538		
9,100.00	6,840.00	6,908.83	6,907.45	92.82	1.77	110.77	2,375.07	-1,708.85	2,074.34	2,015.54	58.80	35.276		
9,200.00	6,840.00	6,915.09	6,913.69	95.07	1.77	111.82	2,374.93	-1,709.17	2,173.19	2,114.48	58.71	37.015		
9,300.00	6,840.00	6,921.39	6,919.98	97.34	1.78	112.86	2,374.77	-1,709.50	2,272.13	2,213.50	58.63	38.754		
9,400.00	6,840.00	6,927.73	6,926.32	99.64	1.78	113.89	2,374.60	-1,709.84	2,371.14	2,312.59	58.55	40.494		
9,500.00	6,840.00	6,934.12	6,932.69	101.95	1.78	114.92	2,374.42	-1,710.18	2,470.22	2,411.73	58.49	42.235		
9,600.00	6,840.00	6,940.56	6,939.12	104.29	1.78	115.94	2,374.21	-1,710.52	2,569.35	2,510.93	58.43	43.975		
9,700.00	6,840.00	6,947.04	6,945.59	106.64	1.78	116.96	2,374.00	-1,710.86	2,668.54	2,610.17	58.37	45.714		
9,800.00	6,840.00	6,953.57	6,952.10	109.02	1.78	117.96	2,373.76	-1,711.21	2,767.78	2,709.45	58.33	47.453		
9,900.00	6,840.00	6,960.15	6,958.67	111.41	1.79	118.96	2,373.51	-1,711.56	2,867.05	2,808.77	58.28	49.192		
10,000.00	6,840.00	6,966.77	6,965.28	113.81	1.79	119.94	2,373.25	-1,711.92	2,966.36	2,908.12	58.24	50.929		
10,100.00	6,840.00	6,973.44	6,971.93	116.23	1.79	120.92	2,372.96	-1,712.28	3,065.71	3,007.50	58.21	52.666		
10,200.00	6,840.00	6,980.17	6,978.64	118.67	1.79	121.89	2,372.66	-1,712.65	3,165.08	3,106.90	58.18	54.401		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,986.94	6,985.39	121.11	1.79	122.85	2,372.34	-1,713.02	3,264.48	3,206.33	58.15	56.136		
10,400.00	6,840.00	6,993.76	6,992.20	123.57	1.80	123.80	2,372.01	-1,713.39	3,363.91	3,305.78	58.13	57.869		
10,500.00	6,840.00	7,000.63	6,999.05	126.04	1.80	124.74	2,371.65	-1,713.77	3,463.36	3,405.25	58.11	59.600		
10,600.00	6,840.00	7,007.55	7,005.95	128.52	1.80	125.66	2,371.28	-1,714.15	3,562.83	3,504.73	58.09	61.330		
10,700.00	6,840.00	7,014.52	7,012.90	131.01	1.80	126.58	2,370.88	-1,714.53	3,662.31	3,604.24	58.08	63.059		
10,800.00	6,840.00	7,016.93	7,015.30	133.51	1.81	126.89	2,370.79	-1,714.66	3,761.83	3,703.76	58.06	64.788		
10,900.00	6,840.00	7,022.41	7,020.76	136.02	1.81	127.59	2,370.50	-1,714.96	3,861.36	3,803.30	58.05	66.513		
11,000.00	6,840.00	7,027.88	7,026.22	138.53	1.81	128.28	2,370.21	-1,715.27	3,960.90	3,902.85	58.05	68.237		
11,100.00	6,840.00	7,033.36	7,031.68	141.06	1.81	128.95	2,369.92	-1,715.57	4,060.46	4,002.42	58.04	69.958		
11,200.00	6,840.00	7,038.84	7,037.14	143.59	1.82	129.62	2,369.63	-1,715.87	4,160.03	4,101.99	58.04	71.677		
11,300.00	6,840.00	7,044.31	7,042.61	146.13	1.82	130.27	2,369.35	-1,716.17	4,259.62	4,201.58	58.04	73.394		
11,400.00	6,840.00	7,049.79	7,048.07	148.68	1.82	130.92	2,369.06	-1,716.47	4,359.21	4,301.17	58.04	75.109		
11,500.00	6,840.00	7,055.27	7,053.53	151.23	1.82	131.55	2,368.77	-1,716.77	4,458.82	4,400.78	58.04	76.821		
11,600.00	6,840.00	7,060.75	7,058.99	153.79	1.83	132.17	2,368.48	-1,717.07	4,558.44	4,500.39	58.05	78.531		
11,700.00	6,840.00	7,066.22	7,064.45	156.35	1.83	132.78	2,368.19	-1,717.37	4,658.07	4,600.02	58.05	80.238		
11,800.00	6,840.00	7,071.70	7,069.91	158.92	1.83	133.38	2,367.90	-1,717.68	4,757.71	4,699.65	58.06	81.943		
11,900.00	6,840.00	7,077.18	7,075.37	161.49	1.83	133.97	2,367.61	-1,717.98	4,857.36	4,799.28	58.07	83.645		
12,000.00	6,840.00	7,082.65	7,080.83	164.07	1.84	134.55	2,367.32	-1,718.28	4,957.01	4,898.93	58.08	85.345		
12,100.00	6,840.00	7,088.13	7,086.29	166.66	1.84	135.12	2,367.04	-1,718.58	5,056.67	4,998.58	58.09	87.042		
12,200.00	6,840.00	7,093.61	7,091.75	169.25	1.84	135.68	2,366.75	-1,718.88	5,156.34	5,098.24	58.11	88.736		
12,300.00	6,840.00	7,099.08	7,097.21	171.84	1.84	136.23	2,366.46	-1,719.18	5,256.02	5,197.90	58.12	90.428		
12,400.00	6,840.00	7,104.56	7,102.68	174.44	1.85	136.77	2,366.17	-1,719.48	5,355.70	5,297.56	58.14	92.117		
12,500.00	6,840.00	7,110.04	7,108.14	177.04	1.85	137.30	2,365.88	-1,719.78	5,455.39	5,397.24	58.16	93.803		
12,600.00	6,840.00	7,115.51	7,113.60	179.64	1.85	137.82	2,365.59	-1,720.09	5,555.09	5,496.91	58.18	95.486		
12,700.00	6,840.00	7,120.99	7,119.06	182.25	1.85	138.33	2,365.30	-1,720.39	5,654.79	5,596.59	58.20	97.166		
12,800.00	6,840.00	7,126.47	7,124.52	184.86	1.86	138.83	2,365.01	-1,720.69	5,754.50	5,696.28	58.22	98.843		
12,900.00	6,840.00	7,131.94	7,129.98	187.47	1.86	139.32	2,364.72	-1,720.99	5,854.21	5,795.97	58.24	100.517		
13,000.00	6,840.00	7,137.42	7,135.44	190.09	1.86	139.81	2,364.44	-1,721.29	5,953.92	5,895.66	58.26	102.188		
13,100.00	6,840.00	7,142.90	7,140.90	192.71	1.86	140.28	2,364.15	-1,721.59	6,053.64	5,995.35	58.29	103.856		
13,200.00	6,840.00	7,148.37	7,146.36	195.34	1.87	140.75	2,363.86	-1,721.89	6,153.37	6,095.05	58.31	105.521		
13,300.00	6,840.00	7,153.85	7,151.82	197.96	1.87	141.21	2,363.57	-1,722.19	6,253.10	6,194.76	58.34	107.183		
13,400.00	6,840.00	7,159.33	7,157.28	200.59	1.87	141.66	2,363.28	-1,722.50	6,352.83	6,294.46	58.37	108.841		
13,500.00	6,840.00	7,164.80	7,162.75	203.22	1.87	142.10	2,362.99	-1,722.80	6,452.56	6,394.17	58.40	110.497		
13,600.00	6,840.00	7,170.28	7,168.21	205.85	1.88	142.54	2,362.70	-1,723.10	6,552.30	6,493.88	58.42	112.149		
13,700.00	6,840.00	7,175.76	7,173.67	208.49	1.88	142.97	2,362.41	-1,723.40	6,652.04	6,593.59	58.45	113.798		
13,800.00	6,840.00	7,181.24	7,179.13	211.13	1.88	143.39	2,362.13	-1,723.70	6,751.79	6,693.30	58.49	115.443		
13,900.00	6,840.00	7,186.71	7,184.59	213.77	1.88	143.80	2,361.84	-1,724.00	6,851.54	6,793.02	58.52	117.086		
14,000.00	6,840.00	7,192.19	7,190.05	216.41	1.89	144.21	2,361.55	-1,724.30	6,951.29	6,892.74	58.55	118.724		
14,100.00	6,840.00	7,197.67	7,195.51	219.06	1.89	144.61	2,361.26	-1,724.60	7,051.05	6,992.46	58.58	120.360		
14,200.00	6,840.00	7,203.14	7,200.97	221.70	1.89	145.00	2,360.97	-1,724.91	7,150.80	7,092.18	58.62	121.992		
14,300.00	6,840.00	7,208.62	7,206.43	224.35	1.89	145.38	2,360.68	-1,725.21	7,250.56	7,191.91	58.65	123.620		
14,400.00	6,840.00	7,214.10	7,211.89	227.00	1.90	145.76	2,360.39	-1,725.51	7,350.32	7,291.64	58.69	125.245		
14,500.00	6,840.00	7,219.57	7,217.35	229.65	1.90	146.13	2,360.10	-1,725.81	7,450.09	7,391.36	58.72	126.867		
14,600.00	6,840.00	7,225.05	7,222.81	232.30	1.90	146.50	2,359.81	-1,726.11	7,549.85	7,491.09	58.76	128.485		
14,700.00	6,840.00	7,230.53	7,228.28	234.96	1.90	146.86	2,359.53	-1,726.41	7,649.62	7,590.83	58.80	130.099		
14,800.00	6,840.00	7,236.00	7,233.74	237.61	1.91	147.21	2,359.24	-1,726.71	7,749.39	7,690.56	58.84	131.710		
14,900.00	6,840.00	7,241.48	7,239.20	240.27	1.91	147.56	2,358.95	-1,727.01	7,849.17	7,790.29	58.88	133.317		
15,000.00	6,840.00	7,246.96	7,244.66	242.93	1.91	147.90	2,358.66	-1,727.31	7,948.94	7,890.03	58.92	134.921		
15,100.00	6,840.00	7,252.43	7,250.12	245.59	1.92	148.24	2,358.37	-1,727.62	8,048.72	7,989.76	58.96	136.521		
15,200.00	6,840.00	7,257.91	7,255.58	248.25	1.92	148.57	2,358.08	-1,727.92	8,148.50	8,089.50	59.00	138.117		
15,300.00	6,840.00	7,263.39	7,261.04	250.92	1.92	148.89	2,357.79	-1,728.22	8,248.28	8,189.24	59.04	139.709		
15,400.00	6,840.00	7,268.86	7,266.50	253.58	1.92	149.21	2,357.50	-1,728.52	8,348.06	8,288.98	59.08	141.298		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	7,274.34	7,271.96	256.25	1.93	149.53	2,357.22	-1,728.82	8,447.84	8,388.72	59.12	142.883	
15,600.00	6,840.00	7,279.82	7,277.42	258.91	1.93	149.84	2,356.93	-1,729.12	8,547.63	8,488.46	59.17	144.464	
15,700.00	6,840.00	7,285.29	7,282.88	261.58	1.93	150.14	2,356.64	-1,729.42	8,647.41	8,588.20	59.21	146.042	
15,800.00	6,840.00	7,290.77	7,288.35	264.25	1.93	150.44	2,356.35	-1,729.72	8,747.20	8,687.95	59.26	147.615	
15,900.00	6,840.00	7,267.00	7,264.64	266.92	1.92	149.11	2,357.60	-1,728.42	8,847.04	8,787.80	59.25	149.329	
16,000.00	6,840.00	7,267.00	7,264.64	269.59	1.92	149.11	2,357.60	-1,728.42	8,946.85	8,887.57	59.28	150.924	
16,100.00	6,840.00	7,267.00	7,264.64	272.26	1.92	149.11	2,357.60	-1,728.42	9,046.66	8,987.35	59.32	152.516	
16,200.00	6,840.00	7,267.00	7,264.64	274.94	1.92	149.11	2,357.60	-1,728.42	9,146.48	9,087.13	59.35	154.104	
16,300.00	6,840.00	7,267.00	7,264.64	277.61	1.92	149.11	2,357.60	-1,728.42	9,246.30	9,186.92	59.39	155.689	
16,400.00	6,840.00	7,267.00	7,264.64	280.28	1.92	149.11	2,357.60	-1,728.42	9,346.13	9,286.70	59.43	157.271	
16,500.00	6,840.00	7,267.00	7,264.64	282.96	1.92	149.11	2,357.60	-1,728.42	9,445.96	9,386.49	59.47	158.849	
16,600.00	6,840.00	7,267.00	7,264.64	285.64	1.92	149.11	2,357.60	-1,728.42	9,545.79	9,486.29	59.50	160.424	
16,700.00	6,840.00	7,267.00	7,264.64	288.31	1.92	149.11	2,357.60	-1,728.42	9,645.63	9,586.09	59.54	161.995	
16,800.00	6,840.00	7,267.00	7,264.64	290.99	1.92	149.11	2,357.60	-1,728.42	9,745.47	9,685.89	59.58	163.563	
16,900.00	6,840.00	7,267.00	7,264.64	293.67	1.92	149.11	2,357.60	-1,728.42	9,845.31	9,785.69	59.62	165.127	
17,000.00	6,840.00	7,267.00	7,264.64	296.35	1.92	149.11	2,357.60	-1,728.42	9,945.16	9,885.50	59.66	166.688	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	0.01	44.44	0.00	44.44					
100.00	100.00	100.00	100.00	0.13	0.13	0.01	44.44	0.00	44.44	44.17	0.27	165.298 CC		
200.00	200.00	198.74	198.72	0.49	0.49	-1.29	45.80	-1.03	45.83	44.84	0.99	46.441		
300.00	300.00	297.25	297.09	0.85	0.85	-4.70	49.85	-4.10	50.10	48.40	1.71	29.346		
400.00	399.98	395.44	394.92	1.21	1.22	36.35	56.57	-9.19	56.13	53.71	2.42	23.167		
500.00	499.84	493.41	492.17	1.57	1.60	33.84	65.93	-16.29	62.49	59.36	3.14	19.918		
600.00	599.45	591.14	588.74	1.94	2.01	32.14	77.91	-25.37	69.10	65.24	3.86	17.903		
700.00	698.70	688.65	684.52	2.32	2.45	31.06	92.47	-36.41	75.89	71.29	4.59	16.525		
800.00	797.47	785.94	779.40	2.73	2.92	30.44	109.57	-49.37	82.81	77.47	5.34	15.511		
900.00	895.62	883.00	873.29	3.16	3.43	30.18	129.18	-64.24	89.85	83.74	6.10	14.719		
1,000.00	993.06	979.83	966.07	3.63	3.98	30.19	151.27	-80.98	96.98	90.10	6.89	14.079		
1,100.00	1,089.64	1,076.45	1,057.65	4.14	4.57	30.43	175.78	-99.56	104.21	96.50	7.71	13.517		
1,200.00	1,185.27	1,172.85	1,147.95	4.70	5.21	30.85	202.67	-119.94	111.53	102.97	8.57	13.020		
1,300.00	1,279.82	1,269.04	1,236.86	5.30	5.89	31.41	231.90	-142.10	118.94	109.47	9.47	12.564		
1,400.00	1,373.17	1,365.02	1,324.30	5.96	6.63	32.07	263.43	-166.00	126.44	116.02	10.42	12.134		
1,500.00	1,465.21	1,460.78	1,410.19	6.67	7.41	32.83	297.19	-191.59	134.03	122.59	11.44	11.720		
1,600.00	1,555.84	1,556.35	1,494.43	7.44	8.24	33.66	333.14	-218.84	141.72	129.20	12.52	11.319		
1,700.00	1,645.41	1,655.31	1,580.63	8.26	9.15	34.64	371.89	-248.21	149.36	135.60	13.76	10.857		
1,800.00	1,734.94	1,754.99	1,667.43	9.09	10.08	35.55	410.94	-277.82	157.00	141.95	15.05	10.432		
1,900.00	1,824.47	1,854.67	1,754.22	9.94	11.02	36.38	450.00	-307.42	164.68	148.31	16.37	10.057		
2,000.00	1,913.99	1,954.35	1,841.02	10.80	11.96	37.13	489.05	-337.02	172.40	154.67	17.73	9.725		
2,100.00	2,003.52	2,054.02	1,927.82	11.66	12.90	37.82	528.10	-366.63	180.13	161.03	19.10	9.431		
2,200.00	2,093.05	2,153.70	2,014.62	12.53	13.85	38.46	567.16	-396.23	187.90	167.40	20.49	9.169		
2,300.00	2,182.58	2,253.38	2,101.42	13.40	14.81	39.04	606.21	-425.84	195.68	173.78	21.90	8.934		
2,400.00	2,272.11	2,353.06	2,188.22	14.28	15.76	39.58	645.27	-455.44	203.48	180.16	23.33	8.723		
2,500.00	2,361.63	2,452.73	2,275.02	15.16	16.72	40.07	684.32	-485.04	211.30	186.54	24.77	8.532		
2,600.00	2,451.16	2,552.41	2,361.81	16.04	17.68	40.54	723.37	-514.65	219.14	192.92	26.21	8.360		
2,700.00	2,540.69	2,652.09	2,448.61	16.92	18.64	40.97	762.43	-544.25	226.99	199.31	27.67	8.203		
2,800.00	2,630.22	2,751.77	2,535.41	17.81	19.61	41.37	801.48	-573.86	234.84	205.71	29.14	8.060		
2,900.00	2,719.75	2,851.45	2,622.21	18.70	20.57	41.75	840.54	-603.46	242.71	212.10	30.61	7.929		
3,000.00	2,809.28	2,951.12	2,709.01	19.58	21.54	42.10	879.59	-633.06	250.59	218.50	32.09	7.809		
3,100.00	2,898.80	3,050.80	2,795.81	20.47	22.50	42.43	918.65	-662.67	258.48	224.91	33.58	7.698		
3,200.00	2,988.33	3,150.48	2,882.61	21.36	23.47	42.74	957.70	-692.27	266.38	231.31	35.07	7.596		
3,300.00	3,077.86	3,250.16	2,969.40	22.26	24.43	43.03	996.75	-721.88	274.28	237.72	36.57	7.501		
3,400.00	3,167.39	3,349.83	3,056.20	23.15	25.40	43.31	1,035.81	-751.48	282.19	244.13	38.07	7.413		
3,500.00	3,256.92	3,449.51	3,143.00	24.04	26.37	43.57	1,074.86	-781.08	290.11	250.54	39.57	7.331		
3,600.00	3,346.44	3,549.19	3,229.80	24.93	27.34	43.82	1,113.92	-810.69	298.03	256.95	41.08	7.255		
3,700.00	3,435.97	3,648.87	3,316.60	25.83	28.31	44.05	1,152.97	-840.29	305.96	263.37	42.59	7.183		
3,800.00	3,525.50	3,748.54	3,403.40	26.72	29.28	44.28	1,192.02	-869.90	313.89	269.78	44.11	7.116		
3,900.00	3,615.03	3,848.22	3,490.20	27.62	30.25	44.49	1,231.08	-899.50	321.83	276.20	45.63	7.054		
4,000.00	3,704.56	3,947.90	3,576.99	28.51	31.22	44.69	1,270.13	-929.11	329.77	282.62	47.15	6.995		
4,100.00	3,794.09	4,047.58	3,663.79	29.41	32.19	44.88	1,309.19	-958.71	337.72	289.05	48.67	6.939		
4,200.00	3,883.61	4,147.25	3,750.59	30.30	33.16	45.07	1,348.24	-988.31	345.66	295.47	50.19	6.887		
4,300.00	3,973.14	4,246.93	3,837.39	31.20	34.13	45.24	1,387.29	-1,017.92	353.62	301.90	51.72	6.837		
4,400.00	4,062.67	4,346.61	3,924.19	32.10	35.10	45.41	1,426.35	-1,047.52	361.57	308.32	53.25	6.790		
4,500.00	4,152.20	4,446.29	4,010.99	32.99	36.07	45.57	1,465.40	-1,077.13	369.53	314.75	54.78	6.746		
4,600.00	4,241.73	4,545.96	4,097.79	33.89	37.04	45.72	1,504.46	-1,106.73	377.49	321.18	56.31	6.703		
4,700.00	4,331.26	4,645.64	4,184.59	34.79	38.01	45.87	1,543.51	-1,136.33	385.45	327.61	57.85	6.663		
4,800.00	4,420.78	4,745.32	4,271.38	35.69	38.98	46.01	1,582.57	-1,165.94	393.42	334.04	59.38	6.625		
4,900.00	4,510.31	4,845.00	4,358.18	36.58	39.95	46.15	1,621.62	-1,195.54	401.39	340.47	60.92	6.589		
5,000.00	4,599.84	4,944.68	4,444.98	37.48	40.93	46.28	1,660.67	-1,225.15	409.36	346.90	62.46	6.554		
5,100.00	4,689.37	5,044.35	4,531.78	38.38	41.90	46.40	1,699.73	-1,254.75	417.33	353.34	63.99	6.521		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,144.03	4,618.58	39.28	42.87	46.52	1,738.78	-1,284.35	425.31	359.77	65.53	6.490		
5,300.00	4,868.42	5,243.71	4,705.38	40.18	43.84	46.64	1,777.84	-1,313.96	433.28	366.21	67.07	6.460		
5,400.00	4,957.95	5,343.39	4,792.18	41.07	44.81	46.75	1,816.89	-1,343.56	441.26	372.64	68.62	6.431		
5,500.00	5,047.48	5,443.06	4,878.97	41.97	45.79	46.86	1,855.94	-1,373.17	449.24	379.08	70.16	6.403		
5,600.00	5,137.01	5,542.74	4,965.77	42.87	46.76	46.97	1,895.00	-1,402.77	457.22	385.52	71.70	6.377		
5,700.00	5,226.54	5,642.42	5,052.57	43.77	47.73	47.07	1,934.05	-1,432.37	465.20	391.96	73.25	6.351		
5,800.00	5,316.07	5,742.10	5,139.37	44.67	48.70	47.16	1,973.11	-1,461.98	473.19	398.39	74.79	6.327		
5,900.00	5,405.59	5,841.77	5,226.17	45.57	49.68	47.26	2,012.16	-1,491.58	481.17	404.83	76.34	6.303		
6,000.00	5,495.12	5,941.45	5,312.97	46.47	50.65	47.35	2,051.22	-1,521.19	489.16	411.27	77.88	6.281		
6,100.00	5,584.65	6,041.13	5,399.77	47.37	51.62	47.44	2,090.27	-1,550.79	497.15	417.71	79.43	6.259		
6,200.00	5,674.18	6,140.81	5,486.56	48.27	52.59	47.52	2,129.32	-1,580.39	505.13	424.16	80.98	6.238		
6,300.00	5,763.71	6,240.48	5,573.36	49.16	53.57	47.60	2,168.38	-1,610.00	513.12	430.60	82.53	6.218		
6,400.00	5,853.23	6,340.16	5,660.16	50.06	54.54	47.69	2,207.43	-1,639.60	521.12	437.04	84.08	6.198		
6,500.00	5,942.76	6,439.84	5,746.96	50.96	55.51	47.76	2,246.49	-1,669.21	529.11	443.48	85.63	6.179		
6,600.00	6,032.29	6,539.52	5,833.76	51.86	56.48	47.84	2,285.54	-1,698.81	537.10	449.92	87.18	6.161		
6,700.00	6,121.82	6,639.19	5,920.56	52.76	57.46	47.91	2,324.59	-1,728.41	545.09	456.37	88.73	6.144		
6,800.00	6,211.35	6,738.87	6,007.36	53.66	58.43	47.98	2,363.65	-1,758.02	553.09	462.81	90.28	6.127		
6,900.00	6,300.88	6,838.55	6,094.16	54.56	59.40	48.05	2,402.70	-1,787.62	561.08	469.26	91.83	6.110		
7,000.00	6,390.40	6,938.23	6,180.95	55.46	60.38	48.12	2,441.76	-1,817.23	569.08	475.70	93.38	6.094		
7,100.00	6,479.90	7,037.90	6,267.75	56.36	61.35	49.79	2,480.81	-1,846.83	577.09	482.15	94.94	6.078		
7,200.00	6,569.42	7,136.71	6,353.79	57.41	62.31	60.94	2,519.52	-1,876.18	586.34	488.75	97.59	6.008		
7,300.00	6,643.25	7,231.90	6,436.68	58.67	63.24	68.94	2,556.82	-1,904.45	598.34	496.43	101.91	5.872		
7,400.00	6,710.45	7,339.49	6,529.23	60.11	64.34	75.70	2,598.48	-1,939.93	614.17	506.56	107.62	5.707		
7,500.00	6,765.16	7,474.49	6,634.93	61.71	66.02	81.45	2,646.17	-2,008.44	630.83	518.00	112.83	5.591		
7,600.00	6,805.74	7,628.66	6,733.86	63.40	68.26	85.87	2,691.00	-2,117.20	645.80	529.82	115.98	5.568		
7,700.00	6,830.93	7,802.02	6,809.03	65.14	71.01	88.84	2,725.35	-2,268.83	656.56	540.43	116.13	5.654		
7,800.00	6,839.98	7,988.54	6,839.89	66.86	73.96	89.99	2,739.96	-2,451.37	660.83	547.31	113.52	5.821		
7,900.00	6,840.00	8,105.94	6,840.00	68.58	75.76	90.00	2,740.45	-2,556.89	660.83	543.45	117.39	5.630		
8,000.00	6,840.00	8,205.94	6,840.00	70.35	77.35	90.00	2,740.87	-2,656.89	660.82	539.23	121.58	5.435		
8,100.00	6,840.00	8,305.94	6,840.00	72.18	79.00	90.00	2,741.29	-2,756.88	660.80	534.93	125.87	5.250		
8,200.00	6,840.00	8,405.94	6,840.00	74.06	80.70	90.00	2,741.71	-2,856.88	660.78	530.53	130.25	5.073		
8,300.00	6,840.00	8,494.06	6,840.00	75.98	82.24	90.00	2,742.13	-2,956.88	660.77	526.33	134.44	4.915		
8,400.00	6,840.00	8,605.94	6,840.00	77.96	84.26	90.00	2,742.56	-3,056.88	660.75	521.52	139.23	4.746		
8,500.00	6,840.00	8,705.94	6,840.00	79.97	86.10	90.00	2,742.98	-3,156.88	660.73	516.92	143.81	4.594		
8,600.00	6,840.00	8,805.94	6,840.00	82.03	87.99	90.00	2,743.40	-3,256.88	660.71	512.26	148.46	4.451		
8,700.00	6,840.00	8,905.94	6,840.00	84.12	89.93	90.00	2,743.82	-3,356.88	660.70	507.54	153.16	4.314		
8,800.00	6,840.00	9,005.94	6,840.00	86.25	91.90	90.00	2,744.24	-3,456.88	660.68	502.78	157.90	4.184		
8,900.00	6,840.00	9,105.94	6,840.00	88.41	93.91	90.00	2,744.66	-3,556.88	660.66	497.97	162.69	4.061		
9,000.00	6,840.00	9,205.94	6,840.00	90.60	95.96	90.00	2,745.08	-3,656.88	660.65	493.13	167.52	3.944		
9,100.00	6,840.00	9,305.94	6,840.00	92.82	98.03	90.00	2,745.50	-3,756.88	660.63	488.25	172.38	3.832		
9,200.00	6,840.00	9,405.94	6,840.00	95.07	100.15	90.00	2,745.92	-3,856.88	660.61	483.33	177.28	3.726		
9,300.00	6,840.00	9,505.94	6,840.00	97.34	102.29	90.00	2,746.34	-3,956.87	660.60	478.39	182.21	3.626		
9,400.00	6,840.00	9,605.94	6,840.00	99.64	104.45	90.00	2,746.76	-4,056.87	660.58	473.41	187.16	3.529		
9,500.00	6,840.00	9,705.94	6,840.00	101.95	106.65	90.00	2,747.18	-4,156.87	660.56	468.41	192.15	3.438		
9,600.00	6,840.00	9,805.94	6,840.00	104.29	108.87	90.00	2,747.60	-4,256.87	660.54	463.39	197.15	3.350		
9,700.00	6,840.00	9,905.94	6,840.00	106.64	111.11	90.00	2,748.02	-4,356.87	660.53	458.34	202.18	3.267		
9,800.00	6,840.00	10,005.94	6,840.00	109.02	113.37	90.00	2,748.44	-4,456.87	660.51	453.28	207.23	3.187		
9,900.00	6,840.00	10,105.94	6,840.00	111.41	115.66	90.00	2,748.86	-4,556.87	660.49	448.19	212.30	3.111		
10,000.00	6,840.00	10,205.94	6,840.00	113.81	117.96	90.00	2,749.28	-4,656.87	660.48	443.08	217.39	3.038		
10,100.00	6,840.00	10,305.94	6,840.00	116.23	120.29	90.00	2,749.70	-4,756.87	660.46	437.96	222.50	2.968		
10,200.00	6,840.00	10,405.94	6,840.00	118.67	122.63	90.00	2,750.12	-4,856.87	660.44	432.83	227.61	2.902		
10,300.00	6,840.00	10,505.94	6,840.00	121.11	124.98	90.00	2,750.54	-4,956.87	660.42	427.68	232.75	2.837		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,605.94	6,840.00	123.57	127.36	90.00	2,750.96	-5,056.86	660.41	422.51	237.90	2.776		
10,500.00	6,840.00	10,705.94	6,840.00	126.04	129.74	90.00	2,751.38	-5,156.86	660.39	417.33	243.06	2.717		
10,600.00	6,840.00	10,805.94	6,840.00	128.52	132.14	90.00	2,751.80	-5,256.86	660.37	412.14	248.23	2.660		
10,700.00	6,840.00	10,905.94	6,840.00	131.01	134.56	90.00	2,752.23	-5,356.86	660.36	406.94	253.41	2.606		
10,800.00	6,840.00	11,005.94	6,840.00	133.51	136.98	90.00	2,752.65	-5,456.86	660.34	401.73	258.61	2.553		
10,900.00	6,840.00	11,094.06	6,840.00	136.02	139.13	90.00	2,753.07	-5,556.86	660.32	396.82	263.50	2.506		
11,000.00	6,840.00	11,205.94	6,840.00	138.53	141.87	90.00	2,753.49	-5,656.86	660.31	391.28	269.02	2.454		
11,100.00	6,840.00	11,305.94	6,840.00	141.06	144.33	90.00	2,753.91	-5,756.86	660.29	386.04	274.25	2.408		
11,200.00	6,840.00	11,405.94	6,840.00	143.59	146.79	90.00	2,754.33	-5,856.86	660.27	380.80	279.48	2.363		
11,300.00	6,840.00	11,505.94	6,840.00	146.13	149.27	90.00	2,754.75	-5,956.86	660.25	375.54	284.71	2.319		
11,400.00	6,840.00	11,605.94	6,840.00	148.68	151.76	90.00	2,755.17	-6,056.86	660.24	370.28	289.96	2.277		
11,500.00	6,840.00	11,705.94	6,840.00	151.23	154.25	90.00	2,755.59	-6,156.85	660.22	365.01	295.21	2.236		
11,600.00	6,840.00	11,805.94	6,840.00	153.79	156.76	90.00	2,756.01	-6,256.85	660.20	359.73	300.47	2.197		
11,700.00	6,840.00	11,894.06	6,840.00	156.35	158.97	90.00	2,756.43	-6,356.85	660.19	354.76	305.42	2.162		
11,800.00	6,840.00	12,005.94	6,840.00	158.92	161.78	90.00	2,756.85	-6,456.85	660.17	349.16	311.01	2.123		
11,900.00	6,840.00	12,105.94	6,840.00	161.49	164.31	90.00	2,757.27	-6,556.85	660.15	343.87	316.29	2.087		
12,000.00	6,840.00	12,205.94	6,840.00	164.07	166.84	90.00	2,757.69	-6,656.85	660.14	338.57	321.57	2.053		
12,100.00	6,840.00	12,305.94	6,840.00	166.66	169.38	90.00	2,758.11	-6,756.85	660.12	333.26	326.86	2.020		
12,200.00	6,840.00	12,405.94	6,840.00	169.25	171.92	90.00	2,758.53	-6,856.85	660.10	327.95	332.15	1.987		
12,300.00	6,840.00	12,505.94	6,840.00	171.84	174.47	90.00	2,758.95	-6,956.85	660.08	322.64	337.45	1.956		
12,400.00	6,840.00	12,594.06	6,840.00	174.44	176.72	90.00	2,759.37	-7,056.85	660.07	317.63	342.43	1.928		
12,500.00	6,840.00	12,705.94	6,840.00	177.04	179.58	90.00	2,759.79	-7,156.85	660.05	312.00	348.05	1.896		
12,600.00	6,840.00	12,805.94	6,840.00	179.64	182.15	90.00	2,760.21	-7,256.85	660.03	306.67	353.36	1.868		
12,700.00	6,840.00	12,905.94	6,840.00	182.25	184.72	90.00	2,760.63	-7,356.84	660.02	301.34	358.68	1.840		
12,800.00	6,840.00	13,005.94	6,840.00	184.86	187.29	90.00	2,761.05	-7,456.84	660.00	296.00	364.00	1.813		
12,900.00	6,840.00	13,105.94	6,840.00	187.47	189.87	90.00	2,761.47	-7,556.84	659.98	290.66	369.32	1.787		
13,000.00	6,840.00	13,205.94	6,840.00	190.09	192.45	90.00	2,761.89	-7,656.84	659.97	285.32	374.64	1.762		
13,100.00	6,840.00	13,305.94	6,840.00	192.71	195.04	90.00	2,762.32	-7,756.84	659.95	279.98	379.97	1.737		
13,200.00	6,840.00	13,405.94	6,840.00	195.34	197.63	90.00	2,762.74	-7,856.84	659.93	274.63	385.30	1.713		
13,300.00	6,840.00	13,505.94	6,840.00	197.96	200.22	90.00	2,763.16	-7,956.84	659.91	269.28	390.64	1.689		
13,400.00	6,840.00	13,605.94	6,840.00	200.59	202.82	90.00	2,763.58	-8,056.84	659.90	263.93	395.97	1.667		
13,500.00	6,840.00	13,705.94	6,840.00	203.22	205.42	90.00	2,764.00	-8,156.84	659.88	258.57	401.31	1.644		
13,600.00	6,840.00	13,805.94	6,840.00	205.85	208.02	90.00	2,764.42	-8,256.84	659.86	253.21	406.65	1.623		
13,700.00	6,840.00	13,905.94	6,840.00	208.49	210.63	90.00	2,764.84	-8,356.84	659.85	247.85	412.00	1.602		
13,800.00	6,840.00	14,005.94	6,840.00	211.13	213.24	90.00	2,765.26	-8,456.83	659.83	242.48	417.35	1.581		
13,900.00	6,840.00	14,105.94	6,840.00	213.77	215.85	90.00	2,765.68	-8,556.83	659.81	237.12	422.70	1.561		
14,000.00	6,840.00	14,205.94	6,840.00	216.41	218.47	90.00	2,766.10	-8,656.83	659.80	231.75	428.05	1.541		
14,100.00	6,840.00	14,305.94	6,840.00	219.06	221.09	90.00	2,766.52	-8,756.83	659.78	226.38	433.40	1.522		
14,200.00	6,840.00	14,405.94	6,840.00	221.70	223.71	90.00	2,766.94	-8,856.83	659.76	221.00	438.76	1.504		
14,300.00	6,840.00	14,505.94	6,840.00	224.35	226.33	90.00	2,767.36	-8,956.83	659.74	215.63	444.12	1.486 Level 3		
14,400.00	6,840.00	14,605.94	6,840.00	227.00	228.95	90.00	2,767.78	-9,056.83	659.73	210.25	449.48	1.468 Level 3		
14,500.00	6,840.00	14,705.94	6,840.00	229.65	231.58	90.00	2,768.20	-9,156.83	659.71	204.87	454.84	1.450 Level 3		
14,600.00	6,840.00	14,805.94	6,840.00	232.30	234.21	90.00	2,768.62	-9,256.83	659.69	199.49	460.20	1.433 Level 3		
14,700.00	6,840.00	14,905.94	6,840.00	234.96	236.84	90.00	2,769.04	-9,356.83	659.68	194.11	465.57	1.417 Level 3		
14,800.00	6,840.00	15,005.94	6,840.00	237.61	239.48	90.00	2,769.46	-9,456.83	659.66	188.72	470.94	1.401 Level 3		
14,900.00	6,840.00	15,094.06	6,840.00	240.27	241.80	90.00	2,769.88	-9,556.82	659.64	183.66	475.99	1.386 Level 3		
15,000.00	6,840.00	15,205.94	6,840.00	242.93	244.75	90.00	2,770.30	-9,656.82	659.62	177.95	481.67	1.369 Level 3		
15,100.00	6,840.00	15,305.94	6,840.00	245.59	247.39	90.00	2,770.72	-9,756.82	659.61	172.56	487.05	1.354 Level 3		
15,200.00	6,840.00	15,405.94	6,840.00	248.25	250.03	90.00	2,771.14	-9,856.82	659.59	167.17	492.42	1.339 Level 3		
15,300.00	6,840.00	15,505.94	6,840.00	250.92	252.68	90.00	2,771.56	-9,956.82	659.57	161.78	497.80	1.325 Level 3		
15,400.00	6,840.00	15,605.94	6,840.00	253.58	255.32	90.00	2,771.98	-10,056.82	659.56	156.39	503.17	1.311 Level 3		
15,500.00	6,840.00	15,705.94	6,840.00	256.25	257.97	90.00	2,772.41	-10,156.82	659.54	150.99	508.55	1.297 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,805.94	6,840.00	258.91	260.62	90.00	2,772.83	-10,256.82	659.52	145.59	513.93	1.283 Level 3		
15,700.00	6,840.00	15,905.94	6,840.00	261.58	263.27	90.00	2,773.25	-10,356.82	659.51	140.20	519.31	1.270 Level 3		
15,800.00	6,840.00	16,005.94	6,840.00	264.25	265.92	90.00	2,773.67	-10,456.82	659.49	134.80	524.69	1.257 Level 3		
15,900.00	6,840.00	16,105.94	6,840.00	266.92	268.57	90.00	2,774.09	-10,556.82	659.47	129.40	530.07	1.244 Level 2		
16,000.00	6,840.00	16,205.94	6,840.00	269.59	271.23	90.00	2,774.51	-10,656.82	659.45	124.00	535.46	1.232 Level 2		
16,100.00	6,840.00	16,305.94	6,840.00	272.26	273.88	90.00	2,774.93	-10,756.81	659.44	118.60	540.84	1.219 Level 2		
16,200.00	6,840.00	16,405.94	6,840.00	274.94	276.54	90.00	2,775.35	-10,856.81	659.42	113.19	546.23	1.207 Level 2		
16,300.00	6,840.00	16,505.94	6,840.00	277.61	279.20	90.00	2,775.77	-10,956.81	659.40	107.79	551.61	1.195 Level 2		
16,400.00	6,840.00	16,605.94	6,840.00	280.28	281.86	90.00	2,776.19	-11,056.81	659.39	102.38	557.00	1.184 Level 2		
16,500.00	6,840.00	16,705.94	6,840.00	282.96	284.52	90.00	2,776.61	-11,156.81	659.37	96.98	562.39	1.172 Level 2		
16,600.00	6,840.00	16,805.94	6,840.00	285.64	287.18	90.00	2,777.03	-11,256.81	659.35	91.57	567.78	1.161 Level 2		
16,700.00	6,840.00	16,905.94	6,840.00	288.31	289.84	90.00	2,777.45	-11,356.81	659.34	86.16	573.17	1.150 Level 2		
16,800.00	6,840.00	17,005.94	6,840.00	290.99	292.51	90.00	2,777.87	-11,456.81	659.32	80.75	578.57	1.140 Level 2		
16,900.00	6,840.00	17,105.94	6,840.00	293.67	295.17	90.00	2,778.29	-11,556.81	659.30	75.34	583.96	1.129 Level 2		
17,000.00	6,840.00	17,205.94	6,840.00	296.35	297.84	90.00	2,778.71	-11,656.81	659.28	69.93	589.35	1.119 Level 2		
17,100.00	6,840.00	17,305.94	6,840.00	299.03	300.50	90.00	2,779.13	-11,756.81	659.27	64.52	594.75	1.108 Level 2		
17,200.00	6,840.00	17,405.94	6,840.00	301.71	303.17	90.00	2,779.55	-11,856.80	659.25	59.11	600.14	1.098 Level 2		
17,300.00	6,840.00	17,505.94	6,840.00	304.39	305.84	90.00	2,779.97	-11,956.80	659.23	53.70	605.54	1.089 Level 2		
17,400.00	6,840.00	17,605.94	6,840.00	307.08	308.51	90.00	2,780.39	-12,056.80	659.22	48.28	610.93	1.079 Level 2		
17,500.00	6,840.00	17,705.94	6,840.00	309.76	311.18	90.00	2,780.81	-12,156.80	659.20	42.87	616.33	1.070 Level 2		
17,600.00	6,840.00	17,805.94	6,840.00	312.44	313.85	90.00	2,781.23	-12,256.80	659.18	37.45	621.73	1.060 Level 2		
17,700.00	6,840.00	17,905.94	6,840.00	315.13	316.53	90.00	2,781.65	-12,356.80	659.17	32.04	627.13	1.051 Level 2		
17,800.00	6,840.00	18,005.94	6,840.00	317.81	319.20	90.00	2,782.08	-12,456.80	659.15	26.62	632.53	1.042 Level 2		
17,900.00	6,840.00	18,105.94	6,840.00	320.50	321.87	90.00	2,782.50	-12,556.80	659.13	21.20	637.93	1.033 Level 2		
18,000.00	6,840.00	18,205.94	6,840.00	323.19	324.55	90.00	2,782.92	-12,656.80	659.11	15.78	643.33	1.025 Level 2		
18,100.00	6,840.00	18,305.94	6,840.00	325.87	327.22	90.00	2,783.34	-12,756.80	659.10	10.36	648.73	1.016 Level 2		
18,200.00	6,840.00	18,405.94	6,840.00	328.56	329.90	90.00	2,783.76	-12,856.80	659.08	4.95	654.13	1.008 Level 2		
18,300.00	6,840.00	18,505.94	6,840.00	331.25	332.58	90.00	2,784.18	-12,956.79	659.06	-0.47	659.54	0.999 Level 1		
18,400.00	6,840.00	18,605.94	6,840.00	333.94	335.26	90.00	2,784.60	-13,056.79	659.05	-5.90	664.94	0.991 Level 1		
18,500.00	6,840.00	18,705.94	6,840.00	336.63	337.93	90.00	2,785.02	-13,156.79	659.03	-11.32	670.35	0.983 Level 1		
18,600.00	6,840.00	18,805.94	6,840.00	339.32	340.61	90.00	2,785.44	-13,256.79	659.01	-16.74	675.75	0.975 Level 1		
18,700.00	6,840.00	18,905.94	6,840.00	342.01	343.29	90.00	2,785.86	-13,356.79	659.00	-22.16	681.16	0.967 Level 1		
18,800.00	6,840.00	19,005.94	6,840.00	344.70	345.97	90.00	2,786.28	-13,456.79	658.98	-27.58	686.56	0.960 Level 1		
18,900.00	6,840.00	19,105.94	6,840.00	347.39	348.65	90.00	2,786.70	-13,556.79	658.96	-33.01	691.97	0.952 Level 1		
19,000.00	6,840.00	19,205.94	6,840.00	350.08	351.34	90.00	2,787.12	-13,656.79	658.94	-38.43	697.37	0.945 Level 1		
19,100.00	6,840.00	19,305.94	6,840.00	352.77	354.02	90.00	2,787.54	-13,756.79	658.93	-43.85	702.78	0.938 Level 1		
19,200.00	6,840.00	19,405.94	6,840.00	355.46	356.70	90.00	2,787.96	-13,856.79	658.91	-49.28	708.19	0.930 Level 1		
19,300.00	6,840.00	19,505.94	6,840.00	358.16	359.39	90.00	2,788.38	-13,956.79	658.89	-54.70	713.60	0.923 Level 1		
19,400.00	6,840.00	19,605.94	6,840.00	360.85	362.07	90.00	2,788.80	-14,056.78	658.88	-60.13	719.01	0.916 Level 1		
19,500.00	6,840.00	19,705.94	6,840.00	363.54	364.75	90.00	2,789.22	-14,156.78	658.86	-65.56	724.42	0.910 Level 1		
19,600.00	6,840.00	19,805.94	6,840.00	366.24	367.44	90.00	2,789.64	-14,256.78	658.84	-70.98	729.83	0.903 Level 1		
19,700.00	6,840.00	19,905.94	6,840.00	368.93	370.13	90.00	2,790.06	-14,356.78	658.82	-76.41	735.24	0.896 Level 1		
19,800.00	6,840.00	20,005.94	6,840.00	371.63	372.81	90.00	2,790.48	-14,456.78	658.81	-81.84	740.65	0.890 Level 1		
19,900.00	6,840.00	20,105.94	6,840.00	374.32	375.50	90.00	2,790.90	-14,556.78	658.79	-87.27	746.06	0.883 Level 1		
20,000.00	6,840.00	20,205.94	6,840.00	377.02	378.19	90.00	2,791.32	-14,656.78	658.77	-92.69	751.47	0.877 Level 1		
20,100.00	6,840.00	20,305.94	6,840.00	379.71	380.87	90.00	2,791.74	-14,756.78	658.76	-98.12	756.88	0.870 Level 1		
20,200.00	6,840.00	20,405.94	6,840.00	382.41	383.56	90.00	2,792.17	-14,856.78	658.74	-103.55	762.29	0.864 Level 1		
20,300.00	6,840.00	20,505.94	6,840.00	385.11	386.25	90.00	2,792.59	-14,956.78	658.72	-108.98	767.71	0.858 Level 1		
20,400.00	6,840.00	20,605.94	6,840.00	387.80	388.94	90.00	2,793.01	-15,056.78	658.71	-114.41	773.12	0.852 Level 1		
20,500.00	6,840.00	20,705.94	6,840.00	390.50	391.63	90.00	2,793.43	-15,156.78	658.69	-119.84	778.53	0.846 Level 1		
20,600.00	6,840.00	20,805.94	6,840.00	393.20	394.32	90.00	2,793.85	-15,256.77	658.67	-125.27	783.95	0.840 Level 1		
20,691.67	6,840.00	20,885.73	6,840.00	395.67	396.47	90.00	2,794.23	-15,348.44	658.66	-129.93	788.59	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

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	22.22	0.00	22.22					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	22.22	0.00	22.22	21.95	0.27	82.657		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	22.22	0.00	22.22	21.24	0.99	22.543 CC		
300.00	300.00	299.37	299.35	0.85	0.85	-2.73	23.53	-1.12	23.57	21.86	1.70	13.844		
400.00	399.98	398.61	398.45	1.21	1.21	37.50	27.45	-4.48	26.45	24.03	2.42	10.943		
500.00	499.84	497.73	497.19	1.57	1.58	34.40	33.95	-10.07	29.56	26.43	3.13	9.437		
600.00	599.45	596.73	595.46	1.94	1.96	32.28	43.04	-17.86	32.84	28.98	3.85	8.518		
700.00	698.70	695.61	693.14	2.32	2.37	30.91	54.68	-27.85	36.23	31.65	4.59	7.899		
800.00	797.47	794.38	790.12	2.73	2.81	30.09	68.85	-40.01	39.72	34.39	5.33	7.450		
900.00	895.62	893.03	886.29	3.16	3.28	29.71	85.53	-54.32	43.28	37.19	6.09	7.102		
1,000.00	993.06	991.56	981.53	3.63	3.78	29.66	104.69	-70.76	46.92	40.04	6.88	6.818		
1,100.00	1,089.64	1,089.99	1,075.74	4.14	4.33	29.87	126.30	-89.30	50.61	42.92	7.69	6.578		
1,200.00	1,185.27	1,188.30	1,168.82	4.70	4.93	30.29	150.32	-109.91	54.37	45.82	8.55	6.359		
1,300.00	1,279.82	1,286.51	1,260.65	5.30	5.58	30.87	176.73	-132.56	58.18	48.73	9.45	6.157		
1,400.00	1,373.17	1,384.60	1,351.13	5.96	6.28	31.58	205.47	-157.22	62.06	51.65	10.40	5.965		
1,500.00	1,465.21	1,482.59	1,440.17	6.67	7.03	32.40	236.51	-183.86	66.00	54.58	11.42	5.779		
1,600.00	1,555.84	1,580.48	1,527.67	7.44	7.84	33.29	269.81	-212.43	70.00	57.49	12.51	5.594		
1,700.00	1,645.41	1,680.05	1,615.66	8.26	8.70	34.32	305.18	-242.77	73.92	60.17	13.74	5.378		
1,800.00	1,734.94	1,779.96	1,703.93	9.09	9.58	35.29	340.70	-273.25	77.82	62.79	15.03	5.177		
1,900.00	1,824.47	1,879.88	1,792.21	9.94	10.48	36.15	376.22	-303.73	81.74	65.39	16.35	4.999		
2,000.00	1,913.99	1,979.80	1,880.48	10.80	11.38	36.94	411.74	-334.20	85.68	67.98	17.70	4.841		
2,100.00	2,003.52	2,079.71	1,968.76	11.66	12.28	37.66	447.27	-364.68	89.63	70.56	19.07	4.700		
2,200.00	2,093.05	2,179.63	2,057.03	12.53	13.19	38.32	482.79	-395.16	93.60	73.13	20.46	4.574		
2,300.00	2,182.58	2,279.54	2,145.31	13.40	14.11	38.93	518.31	-425.64	97.57	75.70	21.87	4.461		
2,400.00	2,272.11	2,379.46	2,233.58	14.28	15.02	39.48	553.83	-456.12	101.56	78.27	23.29	4.360		
2,500.00	2,361.63	2,479.37	2,321.86	15.16	15.94	40.00	589.35	-486.59	105.56	80.83	24.73	4.268		
2,600.00	2,451.16	2,579.29	2,410.13	16.04	16.86	40.48	624.88	-517.07	109.56	83.38	26.18	4.185		
2,700.00	2,540.69	2,679.21	2,498.41	16.92	17.79	40.92	660.40	-547.55	113.57	85.94	27.63	4.110		
2,800.00	2,630.22	2,779.12	2,586.68	17.81	18.71	41.33	695.92	-578.03	117.59	88.49	29.10	4.041		
2,900.00	2,719.75	2,879.04	2,674.96	18.70	19.64	41.72	731.44	-608.50	121.61	91.04	30.57	3.978		
3,000.00	2,809.28	2,978.95	2,763.23	19.58	20.57	42.08	766.97	-638.98	125.64	93.59	32.05	3.920		
3,100.00	2,898.80	3,078.87	2,851.51	20.47	21.49	42.42	802.49	-669.46	129.68	96.14	33.54	3.866		
3,200.00	2,988.33	3,178.79	2,939.78	21.36	22.42	42.74	838.01	-699.94	133.71	98.68	35.03	3.817		
3,300.00	3,077.86	3,278.70	3,028.06	22.26	23.35	43.04	873.53	-730.42	137.76	101.23	36.53	3.771		
3,400.00	3,167.39	3,378.62	3,116.33	23.15	24.28	43.32	909.05	-760.89	141.80	103.77	38.03	3.729		
3,500.00	3,256.92	3,478.53	3,204.61	24.04	25.21	43.59	944.58	-791.37	145.85	106.32	39.53	3.689		
3,600.00	3,346.44	3,578.45	3,292.88	24.93	26.15	43.84	980.10	-821.85	149.90	108.86	41.04	3.652		
3,700.00	3,435.97	3,678.36	3,381.16	25.83	27.08	44.08	1,015.62	-852.33	153.95	111.40	42.55	3.618		
3,800.00	3,525.50	3,778.28	3,469.43	26.72	28.01	44.31	1,051.14	-882.80	158.01	113.94	44.07	3.586		
3,900.00	3,615.03	3,878.20	3,557.71	27.62	28.94	44.53	1,086.67	-913.28	162.07	116.48	45.59	3.555		
4,000.00	3,704.56	3,978.11	3,645.98	28.51	29.88	44.73	1,122.19	-943.76	166.13	119.02	47.11	3.527		
4,100.00	3,794.09	4,078.03	3,734.25	29.41	30.81	44.93	1,157.71	-974.24	170.19	121.57	48.63	3.500		
4,200.00	3,883.61	4,177.94	3,822.53	30.30	31.74	45.11	1,193.23	-1,004.71	174.26	124.11	50.15	3.475		
4,300.00	3,973.14	4,277.86	3,910.80	31.20	32.68	45.29	1,228.76	-1,035.19	178.33	126.65	51.68	3.451		
4,400.00	4,062.67	4,377.77	3,999.08	32.10	33.61	45.46	1,264.28	-1,065.67	182.39	129.19	53.21	3.428		
4,500.00	4,152.20	4,477.69	4,087.35	32.99	34.55	45.62	1,299.80	-1,096.15	186.46	131.73	54.74	3.407		
4,600.00	4,241.73	4,577.61	4,175.63	33.89	35.48	45.78	1,335.32	-1,126.63	190.53	134.27	56.27	3.386		
4,700.00	4,331.26	4,677.52	4,263.90	34.79	36.42	45.93	1,370.84	-1,157.10	194.61	136.81	57.80	3.367		
4,800.00	4,420.78	4,777.44	4,352.18	35.69	37.35	46.07	1,406.37	-1,187.58	198.68	139.35	59.34	3.348		
4,900.00	4,510.31	4,877.35	4,440.45	36.58	38.29	46.21	1,441.89	-1,218.06	202.76	141.88	60.87	3.331		
5,000.00	4,599.84	4,977.27	4,528.73	37.48	39.22	46.34	1,477.41	-1,248.54	206.83	144.42	62.41	3.314		
5,100.00	4,689.37	5,077.19	4,617.00	38.38	40.16	46.47	1,512.93	-1,279.01	210.91	146.96	63.95	3.298		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,177.10	4,705.28	39.28	41.09	46.59	1,548.46	-1,309.49	214.99	149.50	65.49	3.283		
5,300.00	4,868.42	5,277.02	4,793.55	40.18	42.03	46.70	1,583.98	-1,339.97	219.07	152.04	67.03	3.268		
5,400.00	4,957.95	5,376.93	4,881.83	41.07	42.96	46.82	1,619.50	-1,370.45	223.15	154.58	68.57	3.254		
5,500.00	5,047.48	5,476.85	4,970.10	41.97	43.90	46.93	1,655.02	-1,400.93	227.23	157.12	70.11	3.241		
5,600.00	5,137.01	5,576.76	5,058.38	42.87	44.84	47.03	1,690.54	-1,431.40	231.31	159.66	71.65	3.228		
5,700.00	5,226.54	5,676.68	5,146.65	43.77	45.77	47.13	1,726.07	-1,461.88	235.39	162.20	73.19	3.216		
5,800.00	5,316.07	5,776.60	5,234.93	44.67	46.71	47.23	1,761.59	-1,492.36	239.48	164.74	74.74	3.204		
5,900.00	5,405.59	5,876.51	5,323.20	45.57	47.64	47.33	1,797.11	-1,522.84	243.56	167.28	76.28	3.193		
6,000.00	5,495.12	5,976.43	5,411.48	46.47	48.58	47.42	1,832.63	-1,553.31	247.64	169.82	77.83	3.182		
6,100.00	5,584.65	6,076.34	5,499.75	47.37	49.52	47.51	1,868.16	-1,583.79	251.73	172.36	79.37	3.171		
6,200.00	5,674.18	6,176.26	5,588.03	48.27	50.45	47.59	1,903.68	-1,614.27	255.82	174.89	80.92	3.161		
6,300.00	5,763.71	6,276.17	5,676.30	49.16	51.39	47.68	1,939.20	-1,644.75	259.90	177.43	82.47	3.152		
6,400.00	5,853.23	6,376.09	5,764.58	50.06	52.33	47.76	1,974.72	-1,675.23	263.99	179.97	84.02	3.142		
6,500.00	5,942.76	6,476.01	5,852.85	50.96	53.26	47.83	2,010.25	-1,705.70	268.08	182.51	85.56	3.133		
6,600.00	6,032.29	6,575.92	5,941.12	51.86	54.20	47.91	2,045.77	-1,736.18	272.16	185.05	87.11	3.124		
6,700.00	6,121.82	6,675.84	6,029.40	52.76	55.14	47.98	2,081.29	-1,766.66	276.25	187.59	88.66	3.116		
6,800.00	6,211.35	6,775.75	6,117.67	53.66	56.07	48.05	2,116.81	-1,797.14	280.34	190.13	90.21	3.108		
6,900.00	6,300.88	6,875.67	6,205.95	54.56	57.01	48.12	2,152.33	-1,827.61	284.43	192.67	91.76	3.100		
7,000.00	6,390.40	6,975.59	6,294.22	55.46	57.95	48.19	2,187.86	-1,858.09	288.52	195.21	93.31	3.092		
7,100.00	6,479.90	7,075.50	6,382.50	56.36	58.88	49.92	2,223.38	-1,888.57	292.62	197.74	94.88	3.084		
7,200.00	6,569.42	7,174.63	6,470.08	57.41	59.81	62.44	2,258.62	-1,918.81	298.11	199.77	96.34	3.032		
7,300.00	6,643.25	7,283.70	6,563.01	58.67	60.97	72.22	2,296.06	-1,961.51	305.36	202.00	103.35	2.954		
7,400.00	6,710.45	7,397.50	6,650.10	60.11	62.42	79.11	2,331.25	-2,025.41	312.72	204.98	107.73	2.903		
7,500.00	6,765.16	7,515.75	6,726.32	61.71	64.16	84.00	2,362.17	-2,110.08	319.50	208.51	110.99	2.879		
7,600.00	6,805.74	7,637.97	6,786.41	63.40	66.12	87.32	2,386.71	-2,213.37	325.02	212.17	112.85	2.880		
7,700.00	6,830.93	7,763.22	6,825.48	65.14	68.20	89.29	2,402.88	-2,331.00	328.68	215.32	113.36	2.899		
7,800.00	6,839.98	7,890.17	6,839.96	66.86	70.29	90.00	2,409.22	-2,456.70	330.06	217.15	112.90	2.923		
7,900.00	6,840.00	8,008.28	6,840.00	68.58	72.21	90.00	2,409.67	-2,558.25	330.05	212.97	117.08	2.819		
8,000.00	6,840.00	8,108.28	6,840.00	70.35	73.90	90.00	2,410.10	-2,658.25	330.04	208.75	121.30	2.721		
8,100.00	6,840.00	8,208.28	6,840.00	72.18	75.64	90.00	2,410.53	-2,758.25	330.04	204.43	125.61	2.628		
8,200.00	6,840.00	8,308.28	6,840.00	74.06	77.44	90.00	2,410.96	-2,858.25	330.03	200.03	130.00	2.539		
8,300.00	6,840.00	8,408.28	6,840.00	75.98	79.28	90.00	2,411.39	-2,958.25	330.02	195.54	134.47	2.454		
8,400.00	6,840.00	8,508.28	6,840.00	77.96	81.17	90.00	2,411.82	-3,058.24	330.01	191.00	139.01	2.374		
8,500.00	6,840.00	8,608.28	6,840.00	79.97	83.11	90.00	2,412.25	-3,158.24	330.00	186.38	143.62	2.298		
8,600.00	6,840.00	8,708.28	6,840.00	82.03	85.09	90.00	2,412.68	-3,258.24	329.99	181.72	148.28	2.226		
8,700.00	6,840.00	8,808.28	6,840.00	84.12	87.11	90.00	2,413.11	-3,358.24	329.98	177.00	152.99	2.157		
8,800.00	6,840.00	8,908.28	6,840.00	86.25	89.16	90.00	2,413.54	-3,458.24	329.98	172.23	157.75	2.092		
8,900.00	6,840.00	9,008.28	6,840.00	88.41	91.25	90.00	2,413.96	-3,558.24	329.97	167.42	162.55	2.030		
9,000.00	6,840.00	9,108.28	6,840.00	90.60	93.38	90.00	2,414.39	-3,658.24	329.96	162.57	167.39	1.971		
9,100.00	6,840.00	9,208.28	6,840.00	92.82	95.53	90.00	2,414.82	-3,758.24	329.95	157.69	172.26	1.915		
9,200.00	6,840.00	9,308.28	6,840.00	95.07	97.72	90.00	2,415.25	-3,858.24	329.94	152.77	177.17	1.862		
9,300.00	6,840.00	9,408.28	6,840.00	97.34	99.93	90.00	2,415.68	-3,958.24	329.93	147.82	182.11	1.812		
9,400.00	6,840.00	9,508.28	6,840.00	99.64	102.16	90.00	2,416.11	-4,058.24	329.92	142.85	187.08	1.764		
9,500.00	6,840.00	9,608.28	6,840.00	101.95	104.42	90.00	2,416.54	-4,158.23	329.92	137.85	192.07	1.718		
9,600.00	6,840.00	9,708.28	6,840.00	104.29	106.71	90.00	2,416.97	-4,258.23	329.91	132.82	197.09	1.674		
9,700.00	6,840.00	9,808.28	6,840.00	106.64	109.01	90.00	2,417.40	-4,358.23	329.90	127.77	202.12	1.632		
9,800.00	6,840.00	9,908.28	6,840.00	109.02	111.33	90.00	2,417.82	-4,458.23	329.89	122.71	207.18	1.592		
9,900.00	6,840.00	10,008.28	6,840.00	111.41	113.67	90.00	2,418.25	-4,558.23	329.88	117.62	212.26	1.554		
10,000.00	6,840.00	10,091.72	6,840.00	113.81	115.64	90.00	2,418.68	-4,658.23	329.87	112.94	216.93	1.521		
10,100.00	6,840.00	10,191.72	6,840.00	116.23	118.01	90.00	2,419.11	-4,758.23	329.87	107.82	222.04	1.486 Level 3		
10,200.00	6,840.00	10,308.28	6,840.00	118.67	120.80	90.00	2,419.54	-4,858.23	329.86	102.27	227.59	1.449 Level 3		
10,300.00	6,840.00	10,408.28	6,840.00	121.11	123.20	90.00	2,419.97	-4,958.23	329.85	97.12	232.73	1.417 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,508.28	6,840.00	123.57	125.62	90.00	2,420.40	-5,058.23	329.84	91.95	237.89	1.387	Level 3	
10,500.00	6,840.00	10,608.28	6,840.00	126.04	128.05	90.00	2,420.83	-5,158.23	329.83	86.78	243.05	1.357	Level 3	
10,600.00	6,840.00	10,708.28	6,840.00	128.52	130.50	90.00	2,421.26	-5,258.22	329.82	81.59	248.23	1.329	Level 3	
10,700.00	6,840.00	10,808.28	6,840.00	131.01	132.95	90.00	2,421.69	-5,358.22	329.81	76.40	253.42	1.301	Level 3	
10,800.00	6,840.00	10,908.28	6,840.00	133.51	135.42	90.00	2,422.11	-5,458.22	329.81	71.19	258.62	1.275	Level 3	
10,900.00	6,840.00	11,008.28	6,840.00	136.02	137.89	90.00	2,422.54	-5,558.22	329.80	65.97	263.83	1.250	Level 3	
11,000.00	6,840.00	11,108.28	6,840.00	138.53	140.38	90.00	2,422.97	-5,658.22	329.79	60.74	269.04	1.226	Level 2	
11,100.00	6,840.00	11,208.28	6,840.00	141.06	142.87	90.00	2,423.40	-5,758.22	329.78	55.51	274.27	1.202	Level 2	
11,200.00	6,840.00	11,308.28	6,840.00	143.59	145.37	90.00	2,423.83	-5,858.22	329.77	50.27	279.51	1.180	Level 2	
11,300.00	6,840.00	11,408.28	6,840.00	146.13	147.89	90.00	2,424.26	-5,958.22	329.76	45.02	284.75	1.158	Level 2	
11,400.00	6,840.00	11,508.28	6,840.00	148.68	150.40	90.00	2,424.69	-6,058.22	329.75	39.76	290.00	1.137	Level 2	
11,500.00	6,840.00	11,608.28	6,840.00	151.23	152.93	90.00	2,425.12	-6,158.22	329.75	34.49	295.25	1.117	Level 2	
11,600.00	6,840.00	11,691.72	6,840.00	153.79	155.04	90.00	2,425.55	-6,258.22	329.74	29.66	300.08	1.099	Level 2	
11,700.00	6,840.00	11,808.28	6,840.00	156.35	158.00	90.00	2,425.97	-6,358.21	329.73	23.94	305.79	1.078	Level 2	
11,800.00	6,840.00	11,908.28	6,840.00	158.92	160.55	90.00	2,426.40	-6,458.21	329.72	18.66	311.06	1.060	Level 2	
11,900.00	6,840.00	12,008.28	6,840.00	161.49	163.10	90.00	2,426.83	-6,558.21	329.71	13.37	316.34	1.042	Level 2	
12,000.00	6,840.00	12,108.28	6,840.00	164.07	165.66	90.00	2,427.26	-6,658.21	329.70	8.08	321.63	1.025	Level 2	
12,100.00	6,840.00	12,208.28	6,840.00	166.66	168.22	90.00	2,427.69	-6,758.21	329.69	2.78	326.92	1.008	Level 2	
12,200.00	6,840.00	12,308.28	6,840.00	169.25	170.79	90.00	2,428.12	-6,858.21	329.69	-2.53	332.21	0.992	Level 1	
12,300.00	6,840.00	12,408.28	6,840.00	171.84	173.36	90.00	2,428.55	-6,958.21	329.68	-7.84	337.51	0.977	Level 1	
12,400.00	6,840.00	12,508.28	6,840.00	174.44	175.94	90.00	2,428.98	-7,058.21	329.67	-13.15	342.82	0.962	Level 1	
12,500.00	6,840.00	12,608.28	6,840.00	177.04	178.52	90.00	2,429.41	-7,158.21	329.66	-18.47	348.13	0.947	Level 1	
12,600.00	6,840.00	12,708.28	6,840.00	179.64	181.10	90.00	2,429.83	-7,258.21	329.65	-23.79	353.44	0.933	Level 1	
12,700.00	6,840.00	12,808.28	6,840.00	182.25	183.69	90.00	2,430.26	-7,358.21	329.64	-29.11	358.76	0.919	Level 1	
12,800.00	6,840.00	12,908.28	6,840.00	184.86	186.29	90.00	2,430.69	-7,458.20	329.64	-34.44	364.08	0.905	Level 1	
12,900.00	6,840.00	13,008.28	6,840.00	187.47	188.89	90.00	2,431.12	-7,558.20	329.63	-39.78	369.40	0.892	Level 1	
13,000.00	6,840.00	13,108.28	6,840.00	190.09	191.49	90.00	2,431.55	-7,658.20	329.62	-45.11	374.73	0.880	Level 1	
13,100.00	6,840.00	13,208.28	6,840.00	192.71	194.09	90.00	2,431.98	-7,758.20	329.61	-50.45	380.06	0.867	Level 1	
13,200.00	6,840.00	13,308.28	6,840.00	195.34	196.70	90.00	2,432.41	-7,858.20	329.60	-55.79	385.39	0.855	Level 1	
13,300.00	6,840.00	13,408.28	6,840.00	197.96	199.31	90.00	2,432.84	-7,958.20	329.59	-61.14	390.73	0.844	Level 1	
13,400.00	6,840.00	13,508.28	6,840.00	200.59	201.92	90.00	2,433.27	-8,058.20	329.58	-66.48	396.07	0.832	Level 1	
13,500.00	6,840.00	13,608.28	6,840.00	203.22	204.54	90.00	2,433.70	-8,158.20	329.58	-71.83	401.41	0.821	Level 1	
13,600.00	6,840.00	13,708.28	6,840.00	205.85	207.16	90.00	2,434.12	-8,258.20	329.57	-77.19	406.75	0.810	Level 1	
13,700.00	6,840.00	13,808.28	6,840.00	208.49	209.78	90.00	2,434.55	-8,358.20	329.56	-82.54	412.10	0.800	Level 1	
13,800.00	6,840.00	13,908.28	6,840.00	211.13	212.41	90.00	2,434.98	-8,458.19	329.55	-87.90	417.45	0.789	Level 1	
13,900.00	6,840.00	14,008.28	6,840.00	213.77	215.04	90.00	2,435.41	-8,558.19	329.54	-93.26	422.80	0.779	Level 1	
14,000.00	6,840.00	14,091.72	6,840.00	216.41	217.23	90.00	2,435.84	-8,658.19	329.53	-98.18	427.71	0.770	Level 1	
14,100.00	6,840.00	14,208.28	6,840.00	219.06	220.30	90.00	2,436.27	-8,758.19	329.52	-103.99	433.51	0.760	Level 1	
14,200.00	6,840.00	14,308.28	6,840.00	221.70	222.93	90.00	2,436.70	-8,858.19	329.52	-109.35	438.87	0.751	Level 1	
14,300.00	6,840.00	14,408.28	6,840.00	224.35	225.57	90.00	2,437.13	-8,958.19	329.51	-114.72	444.23	0.742	Level 1	
14,400.00	6,840.00	14,508.28	6,840.00	227.00	228.21	90.00	2,437.56	-9,058.19	329.50	-120.09	449.59	0.733	Level 1	
14,500.00	6,840.00	14,608.28	6,840.00	229.65	230.85	90.00	2,437.98	-9,158.19	329.49	-125.46	454.95	0.724	Level 1	
14,600.00	6,840.00	14,708.28	6,840.00	232.30	233.49	90.00	2,438.41	-9,258.19	329.48	-130.84	460.32	0.716	Level 1	
14,700.00	6,840.00	14,808.28	6,840.00	234.96	236.13	90.00	2,438.84	-9,358.19	329.47	-136.21	465.69	0.707	Level 1	
14,800.00	6,840.00	14,908.28	6,840.00	237.61	238.78	90.00	2,439.27	-9,458.19	329.47	-141.59	471.06	0.699	Level 1	
14,900.00	6,840.00	15,008.28	6,840.00	240.27	241.43	90.00	2,439.70	-9,558.18	329.46	-146.97	476.43	0.692	Level 1	
15,000.00	6,840.00	15,091.72	6,840.00	242.93	243.64	90.00	2,440.13	-9,658.18	329.45	-151.91	481.35	0.684	Level 1	
15,100.00	6,840.00	15,191.72	6,840.00	245.59	246.29	90.00	2,440.56	-9,758.18	329.44	-157.29	486.73	0.677	Level 1	
15,200.00	6,840.00	15,308.28	6,840.00	248.25	249.38	90.00	2,440.99	-9,858.18	329.43	-163.12	492.55	0.669	Level 1	
15,300.00	6,840.00	15,408.28	6,840.00	250.92	252.04	90.00	2,441.42	-9,958.18	329.42	-168.50	497.92	0.662	Level 1	
15,400.00	6,840.00	15,508.28	6,840.00	253.58	254.69	90.00	2,441.84	-10,058.18	329.41	-173.89	503.30	0.655	Level 1	
15,500.00	6,840.00	15,608.28	6,840.00	256.25	257.35	90.00	2,442.27	-10,158.18	329.41	-179.27	508.68	0.648	Level 1	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,708.28	6,840.00	258.91	260.01	90.00	2,442.70	-10,258.18	329.40	-184.66	514.06	0.641	Level 1	
15,700.00	6,840.00	15,791.72	6,840.00	261.58	262.22	90.00	2,443.13	-10,358.18	329.39	-189.61	519.00	0.635	Level 1	
15,800.00	6,840.00	15,908.28	6,840.00	264.25	265.33	90.00	2,443.56	-10,458.18	329.38	-195.44	524.82	0.628	Level 1	
15,900.00	6,840.00	16,008.28	6,840.00	266.92	267.99	90.00	2,443.99	-10,558.18	329.37	-200.84	530.21	0.621	Level 1	
16,000.00	6,840.00	16,108.28	6,840.00	269.59	270.65	90.00	2,444.42	-10,658.17	329.36	-206.23	535.59	0.615	Level 1	
16,100.00	6,840.00	16,208.28	6,840.00	272.26	273.32	90.00	2,444.85	-10,758.17	329.35	-211.63	540.98	0.609	Level 1	
16,200.00	6,840.00	16,308.28	6,840.00	274.94	275.98	90.00	2,445.28	-10,858.17	329.35	-217.02	546.37	0.603	Level 1	
16,300.00	6,840.00	16,408.28	6,840.00	277.61	278.65	90.00	2,445.71	-10,958.17	329.34	-222.42	551.76	0.597	Level 1	
16,400.00	6,840.00	16,508.28	6,840.00	280.28	281.32	90.00	2,446.13	-11,058.17	329.33	-227.82	557.14	0.591	Level 1	
16,500.00	6,840.00	16,608.28	6,840.00	282.96	283.98	90.00	2,446.56	-11,158.17	329.32	-233.21	562.53	0.585	Level 1	
16,600.00	6,840.00	16,708.28	6,840.00	285.64	286.65	90.00	2,446.99	-11,258.17	329.31	-238.61	567.93	0.580	Level 1	
16,700.00	6,840.00	16,808.28	6,840.00	288.31	289.32	90.00	2,447.42	-11,358.17	329.30	-244.01	573.32	0.574	Level 1	
16,800.00	6,840.00	16,908.28	6,840.00	290.99	292.00	90.00	2,447.85	-11,458.17	329.29	-249.42	578.71	0.569	Level 1	
16,900.00	6,840.00	17,008.28	6,840.00	293.67	294.67	90.00	2,448.28	-11,558.17	329.29	-254.82	584.10	0.564	Level 1	
17,000.00	6,840.00	17,108.28	6,840.00	296.35	297.34	90.00	2,448.71	-11,658.17	329.28	-260.22	589.50	0.559	Level 1	
17,100.00	6,840.00	17,208.28	6,840.00	299.03	300.02	90.00	2,449.14	-11,758.16	329.27	-265.63	594.89	0.553	Level 1	
17,200.00	6,840.00	17,308.28	6,840.00	301.71	302.69	90.00	2,449.57	-11,858.16	329.26	-271.03	600.29	0.549	Level 1	
17,300.00	6,840.00	17,408.28	6,840.00	304.39	305.37	90.00	2,449.99	-11,958.16	329.25	-276.44	605.69	0.544	Level 1	
17,400.00	6,840.00	17,508.28	6,840.00	307.08	308.04	90.00	2,450.42	-12,058.16	329.24	-281.84	611.09	0.539	Level 1	
17,500.00	6,840.00	17,608.28	6,840.00	309.76	310.72	90.00	2,450.85	-12,158.16	329.24	-287.25	616.48	0.534	Level 1	
17,600.00	6,840.00	17,708.28	6,840.00	312.44	313.40	90.00	2,451.28	-12,258.16	329.23	-292.66	621.88	0.529	Level 1	
17,700.00	6,840.00	17,808.28	6,840.00	315.13	316.08	90.00	2,451.71	-12,358.16	329.22	-298.06	627.28	0.525	Level 1	
17,800.00	6,840.00	17,908.28	6,840.00	317.81	318.76	90.00	2,452.14	-12,458.16	329.21	-303.47	632.68	0.520	Level 1	
17,900.00	6,840.00	18,008.28	6,840.00	320.50	321.44	90.00	2,452.57	-12,558.16	329.20	-308.88	638.08	0.516	Level 1	
18,000.00	6,840.00	18,108.28	6,840.00	323.19	324.12	90.00	2,453.00	-12,658.16	329.19	-314.29	643.49	0.512	Level 1	
18,100.00	6,840.00	18,208.28	6,840.00	325.87	326.80	90.00	2,453.43	-12,758.16	329.18	-319.71	648.89	0.507	Level 1	
18,200.00	6,840.00	18,308.28	6,840.00	328.56	329.48	90.00	2,453.86	-12,858.15	329.18	-325.12	654.29	0.503	Level 1	
18,300.00	6,840.00	18,408.28	6,840.00	331.25	332.17	90.00	2,454.28	-12,958.15	329.17	-330.53	659.70	0.499	Level 1	
18,400.00	6,840.00	18,508.28	6,840.00	333.94	334.85	90.00	2,454.71	-13,058.15	329.16	-335.94	665.10	0.495	Level 1	
18,500.00	6,840.00	18,608.28	6,840.00	336.63	337.53	90.00	2,455.14	-13,158.15	329.15	-341.36	670.51	0.491	Level 1	
18,600.00	6,840.00	18,708.28	6,840.00	339.32	340.22	90.00	2,455.57	-13,258.15	329.14	-346.77	675.91	0.487	Level 1	
18,700.00	6,840.00	18,808.28	6,840.00	342.01	342.90	90.00	2,456.00	-13,358.15	329.13	-352.18	681.32	0.483	Level 1	
18,800.00	6,840.00	18,908.28	6,840.00	344.70	345.59	90.00	2,456.43	-13,458.15	329.12	-357.60	686.72	0.479	Level 1	
18,900.00	6,840.00	19,008.28	6,840.00	347.39	348.28	90.00	2,456.86	-13,558.15	329.12	-363.01	692.13	0.476	Level 1	
19,000.00	6,840.00	19,108.28	6,840.00	350.08	350.96	90.00	2,457.29	-13,658.15	329.11	-368.43	697.54	0.472	Level 1	
19,100.00	6,840.00	19,208.28	6,840.00	352.77	353.65	90.00	2,457.72	-13,758.15	329.10	-373.85	702.95	0.468	Level 1	
19,200.00	6,840.00	19,308.28	6,840.00	355.46	356.34	90.00	2,458.14	-13,858.15	329.09	-379.26	708.35	0.465	Level 1	
19,300.00	6,840.00	19,391.72	6,840.00	358.16	358.58	90.00	2,458.57	-13,958.14	329.08	-384.23	713.32	0.461	Level 1	
19,400.00	6,840.00	19,508.28	6,840.00	360.85	361.72	90.00	2,459.00	-14,058.14	329.07	-390.10	719.17	0.458	Level 1	
19,500.00	6,840.00	19,608.28	6,840.00	363.54	364.41	90.00	2,459.43	-14,158.14	329.07	-395.52	724.58	0.454	Level 1	
19,600.00	6,840.00	19,708.28	6,840.00	366.24	367.10	90.00	2,459.86	-14,258.14	329.06	-400.94	729.99	0.451	Level 1	
19,700.00	6,840.00	19,808.28	6,840.00	368.93	369.79	90.00	2,460.29	-14,358.14	329.05	-406.36	735.40	0.447	Level 1	
19,800.00	6,840.00	19,908.28	6,840.00	371.63	372.48	90.00	2,460.72	-14,458.14	329.04	-411.78	740.82	0.444	Level 1	
19,900.00	6,840.00	20,008.28	6,840.00	374.32	375.17	90.00	2,461.15	-14,558.14	329.03	-417.20	746.23	0.441	Level 1	
20,000.00	6,840.00	20,108.28	6,840.00	377.02	377.86	90.00	2,461.58	-14,658.14	329.02	-422.62	751.64	0.438	Level 1	
20,100.00	6,840.00	20,208.28	6,840.00	379.71	380.55	90.00	2,462.00	-14,758.14	329.01	-428.04	757.05	0.435	Level 1	
20,200.00	6,840.00	20,308.28	6,840.00	382.41	383.25	90.00	2,462.43	-14,858.14	329.01	-433.46	762.46	0.432	Level 1	
20,300.00	6,840.00	20,408.28	6,840.00	385.11	385.94	90.00	2,462.86	-14,958.14	329.00	-438.88	767.88	0.428	Level 1	
20,400.00	6,840.00	20,508.28	6,840.00	387.80	388.63	90.00	2,463.29	-15,058.13	328.99	-444.30	773.29	0.425	Level 1	
20,500.00	6,840.00	20,608.28	6,840.00	390.50	391.33	90.00	2,463.72	-15,158.13	328.98	-449.72	778.70	0.422	Level 1	
20,600.00	6,840.00	20,708.28	6,840.00	393.20	394.02	90.00	2,464.15	-15,258.13	328.97	-455.15	784.12	0.420	Level 1	
20,691.67	6,840.00	20,783.39	6,840.00	395.67	396.04	90.00	2,464.54	-15,349.80	328.96	-459.67	788.63	0.417	Level 1, ES, SF	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-180.00	-22.95	0.00	22.95					
100.00	100.00	100.00	100.00	0.13	0.13	-180.00	-22.95	0.00	22.95	22.68	0.27	85.367		
200.00	200.00	200.00	200.00	0.49	0.49	-180.00	-22.95	0.00	22.95	21.97	0.99	23.282		
300.00	300.00	300.00	300.00	0.85	0.85	-180.00	-22.95	0.00	22.95	21.25	1.70	13.479 CC		
400.00	399.98	399.98	399.98	1.21	1.21	-138.25	-22.95	0.00	24.22	21.81	2.42	10.016		
500.00	499.84	500.57	500.55	1.57	1.57	-142.95	-21.80	-1.34	27.01	23.88	3.14	8.614		
600.00	599.45	601.28	601.11	1.94	1.93	-146.28	-18.34	-5.36	30.09	26.24	3.86	7.802		
700.00	698.70	702.10	701.54	2.32	2.30	-148.55	-12.57	-12.06	33.39	28.80	4.59	7.279		
800.00	797.47	803.05	801.72	2.73	2.68	-150.01	-4.48	-21.45	36.85	31.53	5.33	6.917		
900.00	895.62	904.11	901.52	3.16	3.09	-150.84	5.92	-33.52	40.45	34.37	6.09	6.647		
1,000.00	993.06	1,005.29	1,000.80	3.63	3.53	-151.20	18.62	-48.27	44.17	37.30	6.86	6.434		
1,100.00	1,089.64	1,106.58	1,099.44	4.14	4.00	-151.18	33.63	-65.69	47.99	40.32	7.67	6.256		
1,200.00	1,185.27	1,207.98	1,197.31	4.70	4.51	-150.86	50.92	-85.76	51.91	43.40	8.52	6.096		
1,300.00	1,279.82	1,309.48	1,294.28	5.30	5.06	-150.32	70.47	-108.47	55.94	46.53	9.40	5.949		
1,400.00	1,373.17	1,411.09	1,390.23	5.96	5.68	-149.59	92.29	-133.80	60.06	49.71	10.35	5.803		
1,500.00	1,465.21	1,512.80	1,485.03	6.67	6.34	-148.73	116.33	-161.71	64.29	52.93	11.36	5.659		
1,600.00	1,555.84	1,614.61	1,578.55	7.44	7.07	-147.75	142.58	-192.19	68.63	56.18	12.45	5.512		
1,700.00	1,645.41	1,715.26	1,669.83	8.26	7.84	-146.61	170.25	-224.31	72.77	59.12	13.65	5.330		
1,800.00	1,734.94	1,815.17	1,760.34	9.09	8.63	-145.54	197.86	-256.36	76.81	61.89	14.92	5.148		
1,900.00	1,824.47	1,915.08	1,850.85	9.94	9.43	-144.58	225.47	-288.42	80.88	64.66	16.22	4.986		
2,000.00	1,913.99	2,014.98	1,941.36	10.80	10.24	-143.70	253.07	-320.47	84.96	67.41	17.55	4.840		
2,100.00	2,003.52	2,114.89	2,031.87	11.66	11.06	-142.91	280.68	-352.53	89.07	70.16	18.91	4.710		
2,200.00	2,093.05	2,214.80	2,122.38	12.53	11.88	-142.19	308.29	-384.58	93.19	72.90	20.29	4.593		
2,300.00	2,182.58	2,314.71	2,212.89	13.40	12.71	-141.53	335.90	-416.64	97.32	75.63	21.69	4.488		
2,400.00	2,272.11	2,414.62	2,303.40	14.28	13.55	-140.92	363.51	-448.69	101.47	78.37	23.10	4.393		
2,500.00	2,361.63	2,514.53	2,393.91	15.16	14.39	-140.36	391.12	-480.75	105.62	81.10	24.53	4.307		
2,600.00	2,451.16	2,614.43	2,484.42	16.04	15.23	-139.85	418.73	-512.80	109.79	83.82	25.96	4.228		
2,700.00	2,540.69	2,714.34	2,574.92	16.92	16.07	-139.37	446.34	-544.86	113.96	86.55	27.41	4.157		
2,800.00	2,630.22	2,814.25	2,665.43	17.81	16.92	-138.92	473.95	-576.91	118.14	89.27	28.87	4.092		
2,900.00	2,719.75	2,914.16	2,755.94	18.70	17.77	-138.51	501.56	-608.97	122.33	91.99	30.34	4.032		
3,000.00	2,809.28	3,014.07	2,846.45	19.58	18.61	-138.12	529.16	-641.02	126.52	94.71	31.81	3.978		
3,100.00	2,898.80	3,113.98	2,936.96	20.47	19.46	-137.76	556.77	-673.08	130.72	97.43	33.29	3.927		
3,200.00	2,988.33	3,213.89	3,027.47	21.36	20.32	-137.42	584.38	-705.13	134.92	100.15	34.77	3.880		
3,300.00	3,077.86	3,313.79	3,117.98	22.26	21.17	-137.10	611.99	-737.19	139.13	102.87	36.26	3.837		
3,400.00	3,167.39	3,413.70	3,208.49	23.15	22.02	-136.80	639.60	-769.24	143.34	105.59	37.76	3.797		
3,500.00	3,256.92	3,513.61	3,299.00	24.04	22.88	-136.52	667.21	-801.30	147.56	108.31	39.25	3.759		
3,600.00	3,346.44	3,613.52	3,389.51	24.93	23.73	-136.25	694.82	-833.35	151.78	111.03	40.75	3.724		
3,700.00	3,435.97	3,713.43	3,480.02	25.83	24.59	-136.00	722.43	-865.41	156.00	113.74	42.26	3.692		
3,800.00	3,525.50	3,813.34	3,570.53	26.72	25.44	-135.76	750.04	-897.46	160.23	116.46	43.77	3.661		
3,900.00	3,615.03	3,913.25	3,661.04	27.62	26.30	-135.53	777.64	-929.52	164.46	119.18	45.28	3.632		
4,000.00	3,704.56	4,013.15	3,751.55	28.51	27.16	-135.31	805.25	-961.57	168.69	121.90	46.79	3.605		
4,100.00	3,794.09	4,113.06	3,842.06	29.41	28.02	-135.11	832.86	-993.63	172.92	124.61	48.30	3.580		
4,200.00	3,883.61	4,212.97	3,932.57	30.30	28.87	-134.91	860.47	-1,025.68	177.15	127.33	49.82	3.556		
4,300.00	3,973.14	4,312.88	4,023.07	31.20	29.73	-134.72	888.08	-1,057.74	181.39	130.05	51.34	3.533		
4,400.00	4,062.67	4,412.79	4,113.58	32.10	30.59	-134.55	915.69	-1,089.79	185.63	132.77	52.86	3.512		
4,500.00	4,152.20	4,512.70	4,204.09	32.99	31.45	-134.38	943.30	-1,121.85	189.87	135.48	54.38	3.491		
4,600.00	4,241.73	4,612.61	4,294.60	33.89	32.31	-134.21	970.91	-1,153.90	194.11	138.20	55.91	3.472		
4,700.00	4,331.26	4,712.51	4,385.11	34.79	33.17	-134.06	998.52	-1,185.96	198.35	140.92	57.43	3.454		
4,800.00	4,420.78	4,812.42	4,475.62	35.69	34.03	-133.91	1,026.13	-1,218.01	202.60	143.64	58.96	3.436		
4,900.00	4,510.31	4,912.33	4,566.13	36.58	34.89	-133.77	1,053.73	-1,250.06	206.84	146.36	60.49	3.420		
5,000.00	4,599.84	5,012.24	4,656.64	37.48	35.75	-133.63	1,081.34	-1,282.12	211.09	149.07	62.02	3.404		
5,100.00	4,689.37	5,112.15	4,747.15	38.38	36.61	-133.50	1,108.95	-1,314.17	215.34	151.79	63.55	3.389		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,212.06	4,837.66	39.28	37.47	-133.37	1,136.56	-1,346.23	219.59	154.51	65.08	3.374		
5,300.00	4,868.42	5,311.96	4,928.17	40.18	38.33	-133.25	1,164.17	-1,378.28	223.84	157.23	66.61	3.360		
5,400.00	4,957.95	5,411.87	5,018.68	41.07	39.19	-133.13	1,191.78	-1,410.34	228.09	159.95	68.14	3.347		
5,500.00	5,047.48	5,511.78	5,109.19	41.97	40.05	-133.02	1,219.39	-1,442.39	232.34	162.67	69.68	3.335		
5,600.00	5,137.01	5,611.69	5,199.70	42.87	40.92	-132.91	1,247.00	-1,474.45	236.60	165.38	71.21	3.322		
5,700.00	5,226.54	5,711.60	5,290.21	43.77	41.78	-132.80	1,274.61	-1,506.50	240.85	168.10	72.75	3.311		
5,800.00	5,316.07	5,811.51	5,380.71	44.67	42.64	-132.70	1,302.22	-1,538.56	245.11	170.82	74.28	3.300		
5,900.00	5,405.59	5,911.42	5,471.22	45.57	43.50	-132.60	1,329.82	-1,570.61	249.36	173.54	75.82	3.289		
6,000.00	5,495.12	6,011.32	5,561.73	46.47	44.36	-132.51	1,357.43	-1,602.67	253.62	176.26	77.36	3.278		
6,100.00	5,584.65	6,111.23	5,652.24	47.37	45.22	-132.42	1,385.04	-1,634.72	257.88	178.98	78.90	3.269		
6,200.00	5,674.18	6,211.14	5,742.75	48.27	46.09	-132.33	1,412.65	-1,666.78	262.13	181.70	80.44	3.259		
6,300.00	5,763.71	6,311.05	5,833.26	49.16	46.95	-132.24	1,440.26	-1,698.83	266.39	184.42	81.97	3.250		
6,400.00	5,853.23	6,410.96	5,923.77	50.06	47.81	-132.16	1,467.87	-1,730.89	270.65	187.14	83.51	3.241		
6,500.00	5,942.76	6,510.87	6,014.28	50.96	48.67	-132.08	1,495.48	-1,762.94	274.91	189.86	85.05	3.232		
6,600.00	6,032.29	6,610.78	6,104.79	51.86	49.53	-132.00	1,523.09	-1,795.00	279.17	192.58	86.59	3.224		
6,700.00	6,121.82	6,710.68	6,195.30	52.76	50.40	-131.93	1,550.70	-1,827.05	283.43	195.30	88.13	3.216		
6,800.00	6,211.35	6,810.59	6,285.81	53.66	51.26	-131.85	1,578.31	-1,859.11	287.69	198.02	89.68	3.208		
6,900.00	6,300.88	6,910.50	6,376.32	54.56	52.12	-131.78	1,605.91	-1,891.16	291.95	200.74	91.22	3.201		
7,000.00	6,390.40	7,010.41	6,466.83	55.46	52.98	-131.71	1,633.52	-1,923.22	296.22	203.46	92.76	3.193		
7,100.00	6,479.90	7,104.55	6,549.45	56.36	53.90	-128.49	1,658.76	-1,960.35	301.37	206.01	95.37	3.160		
7,200.00	6,565.62	7,196.19	6,623.23	57.41	55.00	-114.61	1,681.37	-2,009.60	307.46	208.72	98.74	3.114		
7,300.00	6,643.25	7,286.09	6,687.40	58.67	56.26	-105.48	1,701.10	-2,069.26	313.41	211.56	101.85	3.077		
7,400.00	6,710.45	7,374.59	6,741.08	60.11	57.64	-99.27	1,717.69	-2,137.52	318.85	214.27	104.59	3.049		
7,500.00	6,765.16	7,461.97	6,783.59	61.71	59.11	-95.01	1,730.92	-2,212.61	323.47	216.54	106.93	3.025		
7,600.00	6,805.74	7,548.53	6,814.44	63.40	60.64	-92.20	1,740.64	-2,292.81	326.99	218.09	108.90	3.003		
7,700.00	6,830.93	7,634.54	6,833.30	65.14	62.20	-90.57	1,746.73	-2,376.41	329.23	218.67	110.56	2.978		
7,800.00	6,839.98	7,728.73	6,840.00	66.86	63.90	-90.01	1,749.13	-2,461.11	330.05	217.99	112.06	2.945		
7,900.00	6,840.00	7,819.61	6,840.00	68.58	65.55	-90.00	1,749.57	-2,561.11	330.06	214.04	116.02	2.845		
8,000.00	6,840.00	7,919.61	6,840.00	70.35	67.41	-90.00	1,750.01	-2,661.11	330.06	209.80	120.26	2.745		
8,100.00	6,840.00	8,019.61	6,840.00	72.18	69.33	-90.00	1,750.44	-2,761.11	330.06	205.46	124.60	2.649		
8,200.00	6,840.00	8,119.61	6,840.00	74.06	71.30	-90.00	1,750.88	-2,861.11	330.06	201.04	129.02	2.558		
8,300.00	6,840.00	8,219.61	6,840.00	75.98	73.31	-90.00	1,751.32	-2,961.10	330.06	196.55	133.51	2.472		
8,400.00	6,840.00	8,319.61	6,840.00	77.96	75.37	-90.00	1,751.76	-3,061.10	330.06	191.99	138.07	2.390		
8,500.00	6,840.00	8,419.61	6,840.00	79.97	77.47	-90.00	1,752.19	-3,161.10	330.06	187.36	142.70	2.313		
8,600.00	6,840.00	8,519.61	6,840.00	82.03	79.60	-90.00	1,752.63	-3,261.10	330.06	182.68	147.38	2.240		
8,700.00	6,840.00	8,619.61	6,840.00	84.12	81.77	-90.00	1,753.07	-3,361.10	330.06	177.95	152.11	2.170		
8,800.00	6,840.00	8,719.61	6,840.00	86.25	83.97	-90.00	1,753.51	-3,461.10	330.06	173.17	156.89	2.104		
8,900.00	6,840.00	8,819.61	6,840.00	88.41	86.20	-90.00	1,753.94	-3,561.10	330.06	168.36	161.70	2.041		
9,000.00	6,840.00	8,919.61	6,840.00	90.60	88.46	-90.00	1,754.38	-3,661.10	330.06	163.50	166.56	1.982		
9,100.00	6,840.00	9,019.61	6,840.00	92.82	90.75	-90.00	1,754.82	-3,761.10	330.06	158.61	171.45	1.925		
9,200.00	6,840.00	9,119.61	6,840.00	95.07	93.06	-90.00	1,755.26	-3,861.10	330.06	153.68	176.38	1.871		
9,300.00	6,840.00	9,219.61	6,840.00	97.34	95.39	-90.00	1,755.69	-3,961.10	330.06	148.73	181.33	1.820		
9,400.00	6,840.00	9,319.61	6,840.00	99.64	97.74	-90.00	1,756.13	-4,061.09	330.06	143.75	186.31	1.772		
9,500.00	6,840.00	9,419.61	6,840.00	101.95	100.11	-90.00	1,756.57	-4,161.09	330.06	138.74	191.32	1.725		
9,600.00	6,840.00	9,519.61	6,840.00	104.29	102.50	-90.00	1,757.01	-4,261.09	330.06	133.72	196.34	1.681		
9,700.00	6,840.00	9,619.61	6,840.00	106.64	104.91	-90.00	1,757.44	-4,361.09	330.06	128.67	201.39	1.639		
9,800.00	6,840.00	9,719.61	6,840.00	109.02	107.33	-90.00	1,757.88	-4,461.09	330.06	123.60	206.46	1.599		
9,900.00	6,840.00	9,819.61	6,840.00	111.41	109.76	-90.00	1,758.32	-4,561.09	330.06	118.51	211.55	1.560		
10,000.00	6,840.00	9,919.61	6,840.00	113.81	112.21	-90.00	1,758.76	-4,661.09	330.06	113.40	216.66	1.523		
10,100.00	6,840.00	10,019.61	6,840.00	116.23	114.68	-90.00	1,759.19	-4,761.09	330.06	108.28	221.78	1.488	Level 3	
10,200.00	6,840.00	10,119.61	6,840.00	118.67	117.15	-90.00	1,759.63	-4,861.09	330.06	103.15	226.91	1.455	Level 3	
10,300.00	6,840.00	10,219.61	6,840.00	121.11	119.63	-90.00	1,760.07	-4,961.09	330.06	98.00	232.06	1.422	Level 3	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,319.61	6,840.00	123.57	122.13	-90.00	1,760.51	-5,061.08	330.06	92.83	237.23	1.391	Level 3	
10,500.00	6,840.00	10,419.61	6,840.00	126.04	124.63	-90.00	1,760.94	-5,161.08	330.06	87.66	242.40	1.362	Level 3	
10,600.00	6,840.00	10,519.61	6,840.00	128.52	127.15	-90.00	1,761.38	-5,261.08	330.06	82.47	247.59	1.333	Level 3	
10,700.00	6,840.00	10,619.61	6,840.00	131.01	129.67	-90.00	1,761.82	-5,361.08	330.06	77.27	252.78	1.306	Level 3	
10,800.00	6,840.00	10,719.61	6,840.00	133.51	132.20	-90.00	1,762.26	-5,461.08	330.06	72.07	257.99	1.279	Level 3	
10,900.00	6,840.00	10,819.61	6,840.00	136.02	134.74	-90.00	1,762.69	-5,561.08	330.06	66.85	263.21	1.254	Level 3	
11,000.00	6,840.00	10,919.61	6,840.00	138.53	137.29	-90.00	1,763.13	-5,661.08	330.06	61.63	268.43	1.230	Level 2	
11,100.00	6,840.00	11,019.61	6,840.00	141.06	139.84	-90.00	1,763.57	-5,761.08	330.06	56.39	273.67	1.206	Level 2	
11,200.00	6,840.00	11,119.61	6,840.00	143.59	142.40	-90.00	1,764.01	-5,861.08	330.06	51.15	278.91	1.183	Level 2	
11,300.00	6,840.00	11,219.61	6,840.00	146.13	144.96	-90.00	1,764.44	-5,961.08	330.06	45.90	284.16	1.162	Level 2	
11,400.00	6,840.00	11,319.61	6,840.00	148.68	147.53	-90.00	1,764.88	-6,061.08	330.06	40.65	289.41	1.140	Level 2	
11,500.00	6,840.00	11,419.61	6,840.00	151.23	150.11	-90.00	1,765.32	-6,161.07	330.06	35.38	294.68	1.120	Level 2	
11,600.00	6,840.00	11,519.61	6,840.00	153.79	152.69	-90.00	1,765.76	-6,261.07	330.06	30.12	299.94	1.100	Level 2	
11,700.00	6,840.00	11,619.61	6,840.00	156.35	155.28	-90.00	1,766.19	-6,361.07	330.06	24.84	305.22	1.081	Level 2	
11,800.00	6,840.00	11,719.61	6,840.00	158.92	157.87	-90.00	1,766.63	-6,461.07	330.06	19.56	310.50	1.063	Level 2	
11,900.00	6,840.00	11,819.61	6,840.00	161.49	160.46	-90.00	1,767.07	-6,561.07	330.06	14.27	315.79	1.045	Level 2	
12,000.00	6,840.00	11,919.61	6,840.00	164.07	163.06	-90.00	1,767.51	-6,661.07	330.06	8.98	321.08	1.028	Level 2	
12,100.00	6,840.00	12,019.61	6,840.00	166.66	165.67	-90.00	1,767.94	-6,761.07	330.06	3.69	326.37	1.011	Level 2	
12,200.00	6,840.00	12,119.61	6,840.00	169.25	168.27	-90.00	1,768.38	-6,861.07	330.06	-1.61	331.67	0.995	Level 1	
12,300.00	6,840.00	12,219.61	6,840.00	171.84	170.89	-90.00	1,768.82	-6,961.07	330.06	-6.92	336.98	0.979	Level 1	
12,400.00	6,840.00	12,319.61	6,840.00	174.44	173.50	-90.00	1,769.25	-7,061.07	330.06	-12.23	342.29	0.964	Level 1	
12,500.00	6,840.00	12,419.61	6,840.00	177.04	176.12	-90.00	1,769.69	-7,161.06	330.06	-17.54	347.60	0.950	Level 1	
12,600.00	6,840.00	12,519.61	6,840.00	179.64	178.74	-90.00	1,770.13	-7,261.06	330.06	-22.86	352.92	0.935	Level 1	
12,700.00	6,840.00	12,619.61	6,840.00	182.25	181.36	-90.00	1,770.57	-7,361.06	330.06	-28.18	358.24	0.921	Level 1	
12,800.00	6,840.00	12,719.61	6,840.00	184.86	183.99	-90.00	1,771.00	-7,461.06	330.06	-33.50	363.56	0.908	Level 1	
12,900.00	6,840.00	12,819.61	6,840.00	187.47	186.62	-90.00	1,771.44	-7,561.06	330.06	-38.83	368.89	0.895	Level 1	
13,000.00	6,840.00	12,919.61	6,840.00	190.09	189.25	-90.00	1,771.88	-7,661.06	330.06	-44.16	374.22	0.882	Level 1	
13,100.00	6,840.00	13,019.61	6,840.00	192.71	191.89	-90.00	1,772.32	-7,761.06	330.06	-49.50	379.56	0.870	Level 1	
13,200.00	6,840.00	13,119.61	6,840.00	195.34	194.52	-90.00	1,772.75	-7,861.06	330.06	-54.83	384.89	0.858	Level 1	
13,300.00	6,840.00	13,219.61	6,840.00	197.96	197.16	-90.00	1,773.19	-7,961.06	330.06	-60.17	390.23	0.846	Level 1	
13,400.00	6,840.00	13,319.61	6,840.00	200.59	199.81	-90.00	1,773.63	-8,061.06	330.06	-65.52	395.57	0.834	Level 1	
13,500.00	6,840.00	13,419.61	6,840.00	203.22	202.45	-90.00	1,774.07	-8,161.06	330.06	-70.86	400.92	0.823	Level 1	
13,600.00	6,840.00	13,519.61	6,840.00	205.85	205.10	-90.00	1,774.50	-8,261.05	330.06	-76.21	406.27	0.812	Level 1	
13,700.00	6,840.00	13,619.61	6,840.00	208.49	207.74	-90.00	1,774.94	-8,361.05	330.06	-81.56	411.62	0.802	Level 1	
13,800.00	6,840.00	13,719.61	6,840.00	211.13	210.39	-90.00	1,775.38	-8,461.05	330.06	-86.91	416.97	0.792	Level 1	
13,900.00	6,840.00	13,819.61	6,840.00	213.77	213.04	-90.00	1,775.82	-8,561.05	330.06	-92.27	422.32	0.782	Level 1	
14,000.00	6,840.00	13,919.61	6,840.00	216.41	215.70	-90.00	1,776.25	-8,661.05	330.06	-97.62	427.68	0.772	Level 1	
14,100.00	6,840.00	14,019.61	6,840.00	219.06	218.35	-90.00	1,776.69	-8,761.05	330.06	-102.98	433.04	0.762	Level 1	
14,200.00	6,840.00	14,119.61	6,840.00	221.70	221.01	-90.00	1,777.13	-8,861.05	330.06	-108.34	438.40	0.753	Level 1	
14,300.00	6,840.00	14,219.61	6,840.00	224.35	223.67	-90.00	1,777.57	-8,961.05	330.06	-113.70	443.76	0.744	Level 1	
14,400.00	6,840.00	14,319.61	6,840.00	227.00	226.33	-90.00	1,778.00	-9,061.05	330.06	-119.07	449.13	0.735	Level 1	
14,500.00	6,840.00	14,419.61	6,840.00	229.65	228.99	-90.00	1,778.44	-9,161.05	330.06	-124.44	454.49	0.726	Level 1	
14,600.00	6,840.00	14,519.61	6,840.00	232.30	231.65	-90.00	1,778.88	-9,261.04	330.06	-129.80	459.86	0.718	Level 1	
14,700.00	6,840.00	14,619.61	6,840.00	234.96	234.32	-90.00	1,779.32	-9,361.04	330.06	-135.17	465.23	0.709	Level 1	
14,800.00	6,840.00	14,719.61	6,840.00	237.61	236.98	-90.00	1,779.75	-9,461.04	330.06	-140.54	470.60	0.701	Level 1	
14,900.00	6,840.00	14,819.61	6,840.00	240.27	239.65	-90.00	1,780.19	-9,561.04	330.06	-145.92	475.98	0.693	Level 1	
15,000.00	6,840.00	14,919.61	6,840.00	242.93	242.32	-90.00	1,780.63	-9,661.04	330.06	-151.29	481.35	0.686	Level 1	
15,100.00	6,840.00	15,019.61	6,840.00	245.59	244.98	-90.00	1,781.07	-9,761.04	330.06	-156.67	486.73	0.678	Level 1	
15,200.00	6,840.00	15,119.61	6,840.00	248.25	247.65	-90.00	1,781.50	-9,861.04	330.06	-162.05	492.10	0.671	Level 1	
15,300.00	6,840.00	15,219.61	6,840.00	250.92	250.33	-90.00	1,781.94	-9,961.04	330.06	-167.42	497.48	0.663	Level 1	
15,400.00	6,840.00	15,319.61	6,840.00	253.58	253.00	-90.00	1,782.38	-10,061.04	330.06	-172.80	502.86	0.656	Level 1	
15,500.00	6,840.00	15,419.61	6,840.00	256.25	255.67	-90.00	1,782.82	-10,161.04	330.06	-178.18	508.24	0.649	Level 1	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,519.61	6,840.00	258.91	258.34	-90.00	1,783.25	-10,261.04	330.06	-183.57	513.62	0.643	Level 1	
15,700.00	6,840.00	15,619.61	6,840.00	261.58	261.02	-90.00	1,783.69	-10,361.03	330.06	-188.95	519.01	0.636	Level 1	
15,800.00	6,840.00	15,719.61	6,840.00	264.25	263.70	-90.00	1,784.13	-10,461.03	330.06	-194.34	524.39	0.629	Level 1	
15,900.00	6,840.00	15,819.61	6,840.00	266.92	266.37	-90.00	1,784.57	-10,561.03	330.06	-199.72	529.78	0.623	Level 1	
16,000.00	6,840.00	15,919.61	6,840.00	269.59	269.05	-90.00	1,785.00	-10,661.03	330.06	-205.11	535.17	0.617	Level 1	
16,100.00	6,840.00	16,019.61	6,840.00	272.26	271.73	-90.00	1,785.44	-10,761.03	330.06	-210.50	540.55	0.611	Level 1	
16,200.00	6,840.00	16,119.61	6,840.00	274.94	274.41	-90.00	1,785.88	-10,861.03	330.06	-215.89	545.94	0.605	Level 1	
16,300.00	6,840.00	16,219.61	6,840.00	277.61	277.09	-90.00	1,786.32	-10,961.03	330.06	-221.28	551.33	0.599	Level 1	
16,400.00	6,840.00	16,319.61	6,840.00	280.28	279.77	-90.00	1,786.75	-11,061.03	330.06	-226.67	556.72	0.593	Level 1	
16,500.00	6,840.00	16,419.61	6,840.00	282.96	282.45	-90.00	1,787.19	-11,161.03	330.06	-232.06	562.12	0.587	Level 1	
16,600.00	6,840.00	16,519.61	6,840.00	285.64	285.14	-90.00	1,787.63	-11,261.03	330.06	-237.45	567.51	0.582	Level 1	
16,700.00	6,840.00	16,619.61	6,840.00	288.31	287.82	-90.00	1,788.07	-11,361.02	330.06	-242.84	572.90	0.576	Level 1	
16,800.00	6,840.00	16,719.61	6,840.00	290.99	290.50	-90.00	1,788.50	-11,461.02	330.06	-248.24	578.30	0.571	Level 1	
16,900.00	6,840.00	16,819.61	6,840.00	293.67	293.19	-90.00	1,788.94	-11,561.02	330.06	-253.63	583.69	0.565	Level 1	
17,000.00	6,840.00	16,919.61	6,840.00	296.35	295.87	-90.00	1,789.38	-11,661.02	330.06	-259.03	589.09	0.560	Level 1	
17,100.00	6,840.00	17,019.61	6,840.00	299.03	298.56	-90.00	1,789.82	-11,761.02	330.06	-264.43	594.49	0.555	Level 1	
17,200.00	6,840.00	17,119.61	6,840.00	301.71	301.25	-90.00	1,790.25	-11,861.02	330.06	-269.83	599.88	0.550	Level 1	
17,300.00	6,840.00	17,219.61	6,840.00	304.39	303.93	-90.00	1,790.69	-11,961.02	330.06	-275.22	605.28	0.545	Level 1	
17,400.00	6,840.00	17,319.61	6,840.00	307.08	306.62	-90.00	1,791.13	-12,061.02	330.06	-280.62	610.68	0.540	Level 1	
17,500.00	6,840.00	17,419.61	6,840.00	309.76	309.31	-90.00	1,791.57	-12,161.02	330.06	-286.02	616.08	0.536	Level 1	
17,600.00	6,840.00	17,519.61	6,840.00	312.44	312.00	-90.00	1,792.00	-12,261.02	330.06	-291.42	621.48	0.531	Level 1	
17,700.00	6,840.00	17,619.61	6,840.00	315.13	314.69	-90.00	1,792.44	-12,361.02	330.06	-296.83	626.88	0.527	Level 1	
17,800.00	6,840.00	17,719.61	6,840.00	317.81	317.38	-90.00	1,792.88	-12,461.01	330.06	-302.23	632.29	0.522	Level 1	
17,900.00	6,840.00	17,819.61	6,840.00	320.50	320.07	-90.00	1,793.32	-12,561.01	330.06	-307.63	637.69	0.518	Level 1	
18,000.00	6,840.00	17,919.61	6,840.00	323.19	322.76	-90.00	1,793.75	-12,661.01	330.06	-313.03	643.09	0.513	Level 1	
18,100.00	6,840.00	18,019.61	6,840.00	325.87	325.45	-90.00	1,794.19	-12,761.01	330.06	-318.44	648.49	0.509	Level 1	
18,200.00	6,840.00	18,119.61	6,840.00	328.56	328.14	-90.00	1,794.63	-12,861.01	330.06	-323.84	653.90	0.505	Level 1	
18,300.00	6,840.00	18,219.61	6,840.00	331.25	330.84	-90.00	1,795.07	-12,961.01	330.06	-329.25	659.30	0.501	Level 1	
18,400.00	6,840.00	18,319.61	6,840.00	333.94	333.53	-90.00	1,795.50	-13,061.01	330.06	-334.65	664.71	0.497	Level 1	
18,500.00	6,840.00	18,419.61	6,840.00	336.63	336.22	-90.00	1,795.94	-13,161.01	330.06	-340.06	670.12	0.493	Level 1	
18,600.00	6,840.00	18,519.61	6,840.00	339.32	338.92	-90.00	1,796.38	-13,261.01	330.06	-345.47	675.52	0.489	Level 1	
18,700.00	6,840.00	18,619.61	6,840.00	342.01	341.61	-90.00	1,796.82	-13,361.01	330.06	-350.87	680.93	0.485	Level 1	
18,800.00	6,840.00	18,719.61	6,840.00	344.70	344.31	-90.00	1,797.25	-13,461.00	330.06	-356.28	686.34	0.481	Level 1	
18,900.00	6,840.00	18,819.61	6,840.00	347.39	347.00	-90.00	1,797.69	-13,561.00	330.06	-361.69	691.75	0.477	Level 1	
19,000.00	6,840.00	18,919.61	6,840.00	350.08	349.70	-90.00	1,798.13	-13,661.00	330.06	-367.10	697.15	0.473	Level 1	
19,100.00	6,840.00	19,019.61	6,840.00	352.77	352.39	-90.00	1,798.57	-13,761.00	330.06	-372.51	702.56	0.470	Level 1	
19,200.00	6,840.00	19,119.61	6,840.00	355.46	355.09	-90.00	1,799.00	-13,861.00	330.06	-377.92	707.97	0.466	Level 1	
19,300.00	6,840.00	19,219.61	6,840.00	358.16	357.79	-90.00	1,799.44	-13,961.00	330.06	-383.33	713.38	0.463	Level 1	
19,400.00	6,840.00	19,319.61	6,840.00	360.85	360.48	-90.00	1,799.88	-14,061.00	330.06	-388.74	718.79	0.459	Level 1	
19,500.00	6,840.00	19,419.61	6,840.00	363.54	363.18	-90.00	1,800.32	-14,161.00	330.06	-394.15	724.20	0.456	Level 1	
19,600.00	6,840.00	19,519.61	6,840.00	366.24	365.88	-90.00	1,800.75	-14,261.00	330.06	-399.56	729.62	0.452	Level 1	
19,700.00	6,840.00	19,619.61	6,840.00	368.93	368.58	-90.00	1,801.19	-14,361.00	330.06	-404.97	735.03	0.449	Level 1	
19,800.00	6,840.00	19,719.61	6,840.00	371.63	371.27	-90.00	1,801.63	-14,461.00	330.06	-410.38	740.44	0.446	Level 1	
19,900.00	6,840.00	19,819.61	6,840.00	374.32	373.97	-90.00	1,802.07	-14,560.99	330.06	-415.80	745.85	0.443	Level 1	
20,000.00	6,840.00	19,919.61	6,840.00	377.02	376.67	-90.00	1,802.50	-14,660.99	330.06	-421.21	751.27	0.439	Level 1	
20,100.00	6,840.00	20,019.61	6,840.00	379.71	379.37	-90.00	1,802.94	-14,760.99	330.06	-426.62	756.68	0.436	Level 1	
20,200.00	6,840.00	20,119.61	6,840.00	382.41	382.07	-90.00	1,803.38	-14,860.99	330.06	-432.04	762.09	0.433	Level 1	
20,300.00	6,840.00	20,219.61	6,840.00	385.11	384.77	-90.00	1,803.82	-14,960.99	330.06	-437.45	767.51	0.430	Level 1	
20,400.00	6,840.00	20,319.61	6,840.00	387.80	387.47	-90.00	1,804.25	-15,060.99	330.06	-442.87	772.92	0.427	Level 1	
20,500.00	6,840.00	20,419.61	6,840.00	390.50	390.17	-90.00	1,804.69	-15,160.99	330.06	-448.28	778.34	0.424	Level 1	
20,600.00	6,840.00	20,519.61	6,840.00	393.20	392.87	-90.00	1,805.13	-15,260.99	330.06	-453.70	783.75	0.421	Level 1	
20,691.67	6,840.00	20,611.28	6,840.00	395.67	395.35	-90.00	1,805.53	-15,352.65	330.06	-458.66	788.72	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

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - 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	-45.54	0.00	45.54					
100.00	100.00	100.00	100.00	0.13	0.13	180.00	-45.54	0.00	45.54	45.27	0.27	169.378		
200.00	200.00	200.00	200.00	0.49	0.49	180.00	-45.54	0.00	45.54	44.55	0.99	46.194		
300.00	300.00	300.00	300.00	0.85	0.85	180.00	-45.54	0.00	45.54	43.84	1.70	26.744 CC		
400.00	399.98	400.02	399.98	1.21	1.21	-136.85	-45.54	0.00	46.80	44.38	2.42	19.348		
500.00	499.84	499.84	499.84	1.57	1.57	-140.84	-45.54	0.00	50.74	47.60	3.14	16.171		
600.00	599.45	600.88	600.86	1.94	1.93	-145.07	-44.51	-1.45	56.51	52.65	3.86	14.638		
700.00	698.70	702.17	702.00	2.32	2.29	-148.01	-41.41	-5.81	62.86	58.28	4.59	13.701		
800.00	797.47	803.69	803.12	2.73	2.66	-149.97	-36.22	-13.11	69.66	64.33	5.33	13.076		
900.00	895.62	905.44	904.08	3.16	3.04	-151.16	-28.95	-23.35	76.81	70.73	6.08	12.634		
1,000.00	993.06	1,007.40	1,004.76	3.63	3.45	-151.76	-19.58	-36.54	84.26	77.41	6.85	12.294		
1,100.00	1,089.64	1,109.59	1,105.00	4.14	3.89	-151.90	-8.12	-52.67	91.98	84.33	7.65	12.017		
1,200.00	1,185.27	1,211.98	1,204.67	4.70	4.36	-151.70	5.44	-71.75	99.96	91.47	8.49	11.778		
1,300.00	1,279.82	1,314.57	1,303.63	5.30	4.87	-151.21	21.08	-93.77	108.19	98.83	9.37	11.552		
1,400.00	1,373.17	1,417.35	1,401.75	5.96	5.43	-150.51	38.80	-118.72	116.68	106.38	10.30	11.329		
1,500.00	1,465.21	1,520.32	1,498.89	6.67	6.05	-149.64	58.58	-146.57	125.43	114.13	11.30	11.100		
1,600.00	1,555.84	1,623.48	1,594.90	7.44	6.72	-148.64	80.42	-177.30	134.44	122.06	12.38	10.861		
1,700.00	1,645.41	1,725.42	1,688.49	8.26	7.44	-147.46	103.82	-210.25	143.04	129.49	13.55	10.553		
1,800.00	1,734.94	1,825.04	1,779.66	9.09	8.18	-146.30	127.07	-242.98	151.24	136.44	14.80	10.217		
1,900.00	1,824.47	1,924.66	1,870.83	9.94	8.93	-145.26	150.33	-275.71	159.50	143.41	16.09	9.914		
2,000.00	1,913.99	2,024.28	1,962.00	10.80	9.70	-144.32	173.58	-308.44	167.81	150.40	17.41	9.640		
2,100.00	2,003.52	2,123.89	2,053.17	11.66	10.48	-143.47	196.83	-341.17	176.15	157.40	18.75	9.394		
2,200.00	2,093.05	2,223.51	2,144.34	12.53	11.26	-142.69	220.08	-373.90	184.54	164.42	20.12	9.171		
2,300.00	2,182.58	2,323.13	2,235.50	13.40	12.05	-141.99	243.33	-406.63	192.95	171.44	21.51	8.971		
2,400.00	2,272.11	2,422.75	2,326.67	14.28	12.84	-141.34	266.59	-439.36	201.39	178.48	22.91	8.790		
2,500.00	2,361.63	2,522.37	2,417.84	15.16	13.64	-140.74	289.84	-472.09	209.85	185.52	24.33	8.625		
2,600.00	2,451.16	2,621.99	2,509.01	16.04	14.44	-140.19	313.09	-504.82	218.33	192.57	25.76	8.475		
2,700.00	2,540.69	2,721.60	2,600.18	16.92	15.25	-139.69	336.34	-537.55	226.84	199.63	27.20	8.339		
2,800.00	2,630.22	2,821.22	2,691.35	17.81	16.05	-139.21	359.59	-570.28	235.35	206.70	28.65	8.214		
2,900.00	2,719.75	2,920.84	2,782.52	18.70	16.86	-138.77	382.85	-603.02	243.89	213.78	30.11	8.100		
3,000.00	2,809.28	3,020.46	2,873.69	19.58	17.67	-138.37	406.10	-635.75	252.43	220.86	31.58	7.995		
3,100.00	2,898.80	3,120.08	2,964.86	20.47	18.48	-137.98	429.35	-668.48	260.99	227.94	33.05	7.897		
3,200.00	2,988.33	3,219.70	3,056.03	21.36	19.30	-137.63	452.60	-701.21	269.56	235.03	34.52	7.808		
3,300.00	3,077.86	3,319.32	3,147.20	22.26	20.11	-137.29	475.85	-733.94	278.14	242.13	36.01	7.725		
3,400.00	3,167.39	3,418.93	3,238.37	23.15	20.93	-136.97	499.11	-766.67	286.73	249.23	37.49	7.647		
3,500.00	3,256.92	3,518.55	3,329.54	24.04	21.75	-136.68	522.36	-799.40	295.32	256.34	38.99	7.575		
3,600.00	3,346.44	3,618.17	3,420.71	24.93	22.56	-136.40	545.61	-832.13	303.93	263.45	40.48	7.508		
3,700.00	3,435.97	3,717.79	3,511.88	25.83	23.38	-136.13	568.86	-864.86	312.54	270.56	41.98	7.445		
3,800.00	3,525.50	3,817.41	3,603.05	26.72	24.20	-135.88	592.12	-897.59	321.15	277.67	43.48	7.386		
3,900.00	3,615.03	3,917.03	3,694.22	27.62	25.02	-135.64	615.37	-930.32	329.77	284.79	44.98	7.331		
4,000.00	3,704.56	4,016.65	3,785.39	28.51	25.84	-135.42	638.62	-963.05	338.40	291.91	46.49	7.279		
4,100.00	3,794.09	4,116.26	3,876.56	29.41	26.66	-135.20	661.87	-995.79	347.03	299.04	48.00	7.230		
4,200.00	3,883.61	4,215.88	3,967.73	30.30	27.49	-135.00	685.12	-1,028.52	355.67	306.16	49.51	7.184		
4,300.00	3,973.14	4,315.50	4,058.90	31.20	28.31	-134.80	708.38	-1,061.25	364.31	313.29	51.02	7.141		
4,400.00	4,062.67	4,415.12	4,150.07	32.10	29.13	-134.62	731.63	-1,093.98	372.96	320.42	52.53	7.099		
4,500.00	4,152.20	4,514.74	4,241.23	32.99	29.95	-134.44	754.88	-1,126.71	381.61	327.56	54.05	7.060		
4,600.00	4,241.73	4,614.36	4,332.40	33.89	30.78	-134.27	778.13	-1,159.44	390.26	334.69	55.57	7.023		
4,700.00	4,331.26	4,713.98	4,423.57	34.79	31.60	-134.11	801.38	-1,192.17	398.91	341.83	57.09	6.988		
4,800.00	4,420.78	4,813.59	4,514.74	35.69	32.42	-133.96	824.64	-1,224.90	407.57	348.97	58.61	6.954		
4,900.00	4,510.31	4,913.21	4,605.91	36.58	33.25	-133.81	847.89	-1,257.63	416.23	356.11	60.13	6.923		
5,000.00	4,599.84	5,012.83	4,697.08	37.48	34.07	-133.67	871.14	-1,290.36	424.90	363.25	61.65	6.892		
5,100.00	4,689.37	5,112.45	4,788.25	38.38	34.89	-133.53	894.39	-1,323.09	433.56	370.39	63.17	6.863		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - 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	4,778.90	5,212.07	4,879.42	39.28	35.72	-133.40	917.64	-1,355.82	442.23	377.54	64.70	6.835		
5,300.00	4,868.42	5,311.69	4,970.59	40.18	36.54	-133.27	940.90	-1,388.56	450.90	384.68	66.22	6.809		
5,400.00	4,957.95	5,411.30	5,061.76	41.07	37.37	-133.15	964.15	-1,421.29	459.58	391.83	67.75	6.784		
5,500.00	5,047.48	5,510.92	5,152.93	41.97	38.19	-133.03	987.40	-1,454.02	468.25	398.98	69.28	6.759		
5,600.00	5,137.01	5,610.54	5,244.10	42.87	39.02	-132.92	1,010.65	-1,486.75	476.93	406.13	70.80	6.736		
5,700.00	5,226.54	5,710.16	5,335.27	43.77	39.84	-132.81	1,033.91	-1,519.48	485.61	413.28	72.33	6.714		
5,800.00	5,316.07	5,809.78	5,426.44	44.67	40.67	-132.71	1,057.16	-1,552.21	494.29	420.43	73.86	6.692		
5,900.00	5,405.59	5,909.40	5,517.61	45.57	41.49	-132.61	1,080.41	-1,584.94	502.97	427.58	75.39	6.672		
6,000.00	5,495.12	6,009.02	5,608.78	46.47	42.32	-132.51	1,103.66	-1,617.67	511.66	434.73	76.92	6.652		
6,100.00	5,584.65	6,108.63	5,699.95	47.37	43.15	-132.41	1,126.91	-1,650.40	520.34	441.89	78.45	6.633		
6,200.00	5,674.18	6,208.25	5,791.12	48.27	43.97	-132.32	1,150.17	-1,683.13	529.03	449.04	79.98	6.614		
6,300.00	5,763.71	6,307.87	5,882.29	49.16	44.80	-132.23	1,173.42	-1,715.86	537.72	456.20	81.51	6.597		
6,400.00	5,853.23	6,407.49	5,973.46	50.06	45.62	-132.15	1,196.67	-1,748.59	546.40	463.36	83.05	6.579		
6,500.00	5,942.76	6,507.11	6,064.63	50.96	46.45	-132.06	1,219.92	-1,781.32	555.09	470.51	84.58	6.563		
6,600.00	6,032.29	6,606.73	6,155.79	51.86	47.28	-131.98	1,243.17	-1,814.06	563.79	477.67	86.11	6.547		
6,700.00	6,121.82	6,706.35	6,246.96	52.76	48.10	-131.91	1,266.43	-1,846.79	572.48	484.83	87.65	6.532		
6,800.00	6,211.35	6,805.96	6,338.13	53.66	48.93	-131.83	1,289.68	-1,879.52	581.17	491.99	89.18	6.517		
6,900.00	6,300.88	6,905.58	6,429.30	54.56	49.76	-131.76	1,312.93	-1,912.25	589.87	499.15	90.72	6.502		
7,000.00	6,390.40	7,000.29	6,515.13	55.46	50.58	-131.46	1,334.83	-1,945.64	598.80	506.41	92.38	6.482		
7,100.00	6,479.90	7,088.61	6,589.98	56.36	51.54	-128.18	1,353.99	-1,988.25	609.25	514.33	94.92	6.418		
7,200.00	6,565.62	7,173.32	6,654.98	57.41	52.64	-114.41	1,370.69	-2,039.80	620.46	522.73	97.73	6.349		
7,300.00	6,643.25	7,255.95	6,710.62	58.67	53.86	-105.37	1,385.05	-2,099.09	631.10	530.68	100.43	6.284		
7,400.00	6,710.45	7,336.96	6,756.59	60.11	55.19	-99.21	1,396.99	-2,164.64	640.63	537.65	102.98	6.221		
7,500.00	6,765.16	7,416.74	6,792.65	61.71	56.59	-94.98	1,406.44	-2,235.10	648.58	543.22	105.36	6.156		
7,600.00	6,805.74	7,495.63	6,818.64	63.40	58.05	-92.19	1,413.35	-2,309.20	654.58	546.99	107.59	6.084		
7,700.00	6,830.93	7,573.94	6,834.44	65.14	59.53	-90.57	1,417.69	-2,385.70	658.36	548.69	109.67	6.003		
7,800.00	6,839.98	7,651.94	6,839.99	66.86	61.00	-90.00	1,419.44	-2,463.43	659.75	548.11	111.64	5.910		
7,900.00	6,840.00	7,751.06	6,840.00	68.58	62.88	-90.00	1,419.88	-2,562.55	659.76	544.04	115.72	5.702		
8,000.00	6,840.00	7,851.06	6,840.00	70.35	64.84	-90.00	1,420.31	-2,662.55	659.76	539.78	119.97	5.499		
8,100.00	6,840.00	7,951.06	6,840.00	72.18	66.84	-90.00	1,420.75	-2,762.55	659.76	535.43	124.32	5.307		
8,200.00	6,840.00	8,051.06	6,840.00	74.06	68.89	-90.00	1,421.19	-2,862.55	659.76	531.00	128.76	5.124		
8,300.00	6,840.00	8,151.06	6,840.00	75.98	70.99	-90.00	1,421.63	-2,962.55	659.76	526.49	133.26	4.951		
8,400.00	6,840.00	8,251.06	6,840.00	77.96	73.12	-90.00	1,422.06	-3,062.55	659.76	521.92	137.84	4.786		
8,500.00	6,840.00	8,351.06	6,840.00	79.97	75.30	-90.00	1,422.50	-3,162.55	659.76	517.28	142.47	4.631		
8,600.00	6,840.00	8,451.06	6,840.00	82.03	77.50	-90.00	1,422.94	-3,262.54	659.76	512.59	147.16	4.483		
8,700.00	6,840.00	8,551.06	6,840.00	84.12	79.74	-90.00	1,423.38	-3,362.54	659.76	507.85	151.90	4.343		
8,800.00	6,840.00	8,651.06	6,840.00	86.25	82.01	-90.00	1,423.81	-3,462.54	659.76	503.07	156.69	4.211		
8,900.00	6,840.00	8,751.06	6,840.00	88.41	84.31	-90.00	1,424.25	-3,562.54	659.76	498.24	161.52	4.085		
9,000.00	6,840.00	8,851.06	6,840.00	90.60	86.63	-90.00	1,424.69	-3,662.54	659.76	493.37	166.38	3.965		
9,100.00	6,840.00	8,951.06	6,840.00	92.82	88.97	-90.00	1,425.13	-3,762.54	659.76	488.47	171.28	3.852		
9,200.00	6,840.00	9,051.06	6,840.00	95.07	91.33	-90.00	1,425.56	-3,862.54	659.76	483.54	176.21	3.744		
9,300.00	6,840.00	9,151.06	6,840.00	97.34	93.72	-90.00	1,426.00	-3,962.54	659.76	478.58	181.17	3.642		
9,400.00	6,840.00	9,251.06	6,840.00	99.64	96.12	-90.00	1,426.44	-4,062.54	659.76	473.59	186.16	3.544		
9,500.00	6,840.00	9,351.06	6,840.00	101.95	98.54	-90.00	1,426.88	-4,162.54	659.76	468.58	191.17	3.451		
9,600.00	6,840.00	9,451.06	6,840.00	104.29	100.98	-90.00	1,427.31	-4,262.54	659.76	463.55	196.21	3.363		
9,700.00	6,840.00	9,551.06	6,840.00	106.64	103.42	-90.00	1,427.75	-4,362.53	659.76	458.49	201.26	3.278		
9,800.00	6,840.00	9,651.06	6,840.00	109.02	105.89	-90.00	1,428.19	-4,462.53	659.75	453.42	206.34	3.197		
9,900.00	6,840.00	9,751.06	6,840.00	111.41	108.36	-90.00	1,428.63	-4,562.53	659.75	448.32	211.43	3.120		
10,000.00	6,840.00	9,851.06	6,840.00	113.81	110.85	-90.00	1,429.06	-4,662.53	659.75	443.21	216.54	3.047		
10,100.00	6,840.00	9,951.06	6,840.00	116.23	113.35	-90.00	1,429.50	-4,762.53	659.75	438.09	221.67	2.976		
10,200.00	6,840.00	10,051.06	6,840.00	118.67	115.86	-90.00	1,429.94	-4,862.53	659.75	432.95	226.81	2.909		
10,300.00	6,840.00	10,151.06	6,840.00	121.11	118.38	-90.00	1,430.38	-4,962.53	659.75	427.79	231.96	2.844		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - 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	10,251.06	6,840.00	123.57	120.90	-90.00	1,430.81	-5,062.53	659.75	422.62	237.13	2.782		
10,500.00	6,840.00	10,351.06	6,840.00	126.04	123.44	-90.00	1,431.25	-5,162.53	659.75	417.45	242.31	2.723		
10,600.00	6,840.00	10,451.06	6,840.00	128.52	125.98	-90.00	1,431.69	-5,262.53	659.75	412.25	247.50	2.666		
10,700.00	6,840.00	10,551.06	6,840.00	131.01	128.53	-90.00	1,432.13	-5,362.52	659.75	407.05	252.70	2.611		
10,800.00	6,840.00	10,651.06	6,840.00	133.51	131.09	-90.00	1,432.56	-5,462.52	659.75	401.84	257.91	2.558		
10,900.00	6,840.00	10,751.06	6,840.00	136.02	133.66	-90.00	1,433.00	-5,562.52	659.75	396.62	263.13	2.507		
11,000.00	6,840.00	10,851.06	6,840.00	138.53	136.23	-90.00	1,433.44	-5,662.52	659.75	391.40	268.36	2.458		
11,100.00	6,840.00	10,951.06	6,840.00	141.06	138.80	-90.00	1,433.88	-5,762.52	659.75	386.16	273.60	2.411		
11,200.00	6,840.00	11,051.06	6,840.00	143.59	141.39	-90.00	1,434.31	-5,862.52	659.75	380.91	278.84	2.366		
11,300.00	6,840.00	11,151.06	6,840.00	146.13	143.97	-90.00	1,434.75	-5,962.52	659.75	375.66	284.09	2.322		
11,400.00	6,840.00	11,251.06	6,840.00	148.68	146.56	-90.00	1,435.19	-6,062.52	659.75	370.40	289.35	2.280		
11,500.00	6,840.00	11,351.06	6,840.00	151.23	149.16	-90.00	1,435.63	-6,162.52	659.75	365.14	294.62	2.239		
11,600.00	6,840.00	11,451.06	6,840.00	153.79	151.76	-90.00	1,436.06	-6,262.52	659.75	359.87	299.89	2.200		
11,700.00	6,840.00	11,551.06	6,840.00	156.35	154.37	-90.00	1,436.50	-6,362.52	659.75	354.59	305.16	2.162		
11,800.00	6,840.00	11,651.06	6,840.00	158.92	156.98	-90.00	1,436.94	-6,462.51	659.75	349.31	310.45	2.125		
11,900.00	6,840.00	11,751.06	6,840.00	161.49	159.59	-90.00	1,437.38	-6,562.51	659.75	344.02	315.74	2.090		
12,000.00	6,840.00	11,851.06	6,840.00	164.07	162.21	-90.00	1,437.81	-6,662.51	659.75	338.72	321.03	2.055		
12,100.00	6,840.00	11,951.06	6,840.00	166.66	164.83	-90.00	1,438.25	-6,762.51	659.75	333.43	326.33	2.022		
12,200.00	6,840.00	12,051.06	6,840.00	169.25	167.45	-90.00	1,438.69	-6,862.51	659.75	328.12	331.63	1.989		
12,300.00	6,840.00	12,151.06	6,840.00	171.84	170.08	-90.00	1,439.13	-6,962.51	659.75	322.82	336.94	1.958		
12,400.00	6,840.00	12,251.06	6,840.00	174.44	172.71	-90.00	1,439.56	-7,062.51	659.75	317.50	342.25	1.928		
12,500.00	6,840.00	12,351.06	6,840.00	177.04	175.34	-90.00	1,440.00	-7,162.51	659.75	312.19	347.56	1.898		
12,600.00	6,840.00	12,451.06	6,840.00	179.64	177.98	-90.00	1,440.44	-7,262.51	659.75	306.87	352.88	1.870		
12,700.00	6,840.00	12,551.06	6,840.00	182.25	180.61	-90.00	1,440.88	-7,362.51	659.75	301.55	358.21	1.842		
12,800.00	6,840.00	12,651.06	6,840.00	184.86	183.25	-90.00	1,441.31	-7,462.50	659.75	296.22	363.53	1.815		
12,900.00	6,840.00	12,751.06	6,840.00	187.47	185.90	-90.00	1,441.75	-7,562.50	659.75	290.89	368.86	1.789		
13,000.00	6,840.00	12,851.06	6,840.00	190.09	188.54	-90.00	1,442.19	-7,662.50	659.75	285.56	374.19	1.763		
13,100.00	6,840.00	12,951.06	6,840.00	192.71	191.19	-90.00	1,442.63	-7,762.50	659.75	280.22	379.53	1.738		
13,200.00	6,840.00	13,051.06	6,840.00	195.34	193.84	-90.00	1,443.06	-7,862.50	659.75	274.89	384.87	1.714		
13,300.00	6,840.00	13,151.06	6,840.00	197.96	196.49	-90.00	1,443.50	-7,962.50	659.75	269.54	390.21	1.691		
13,400.00	6,840.00	13,251.06	6,840.00	200.59	199.14	-90.00	1,443.94	-8,062.50	659.75	264.20	395.55	1.668		
13,500.00	6,840.00	13,351.06	6,840.00	203.22	201.80	-90.00	1,444.38	-8,162.50	659.75	258.85	400.90	1.646		
13,600.00	6,840.00	13,451.06	6,840.00	205.85	204.45	-90.00	1,444.81	-8,262.50	659.75	253.50	406.25	1.624		
13,700.00	6,840.00	13,551.06	6,840.00	208.49	207.11	-90.00	1,445.25	-8,362.50	659.75	248.15	411.60	1.603		
13,800.00	6,840.00	13,651.06	6,840.00	211.13	209.77	-90.00	1,445.69	-8,462.49	659.75	242.80	416.95	1.582		
13,900.00	6,840.00	13,751.06	6,840.00	213.77	212.43	-90.00	1,446.13	-8,562.49	659.75	237.44	422.31	1.562		
14,000.00	6,840.00	13,851.06	6,840.00	216.41	215.10	-90.00	1,446.56	-8,662.49	659.75	232.08	427.67	1.543		
14,100.00	6,840.00	13,951.06	6,840.00	219.06	217.76	-90.00	1,447.00	-8,762.49	659.75	226.72	433.03	1.524		
14,200.00	6,840.00	14,051.06	6,840.00	221.70	220.43	-90.00	1,447.44	-8,862.49	659.75	221.36	438.39	1.505		
14,300.00	6,840.00	14,151.06	6,840.00	224.35	223.09	-90.00	1,447.88	-8,962.49	659.75	216.00	443.75	1.487 Level 3		
14,400.00	6,840.00	14,251.06	6,840.00	227.00	225.76	-90.00	1,448.31	-9,062.49	659.75	210.63	449.12	1.469 Level 3		
14,500.00	6,840.00	14,351.06	6,840.00	229.65	228.43	-90.00	1,448.75	-9,162.49	659.75	205.27	454.49	1.452 Level 3		
14,600.00	6,840.00	14,451.06	6,840.00	232.30	231.10	-90.00	1,449.19	-9,262.49	659.75	199.90	459.86	1.435 Level 3		
14,700.00	6,840.00	14,551.06	6,840.00	234.96	233.77	-90.00	1,449.63	-9,362.49	659.75	194.52	465.23	1.418 Level 3		
14,800.00	6,840.00	14,651.06	6,840.00	237.61	236.45	-90.00	1,450.06	-9,462.49	659.75	189.15	470.60	1.402 Level 3		
14,900.00	6,840.00	14,751.06	6,840.00	240.27	239.12	-90.00	1,450.50	-9,562.48	659.75	183.78	475.97	1.386 Level 3		
15,000.00	6,840.00	14,851.06	6,840.00	242.93	241.79	-90.00	1,450.94	-9,662.48	659.75	178.40	481.35	1.371 Level 3		
15,100.00	6,840.00	14,951.06	6,840.00	245.59	244.47	-90.00	1,451.38	-9,762.48	659.75	173.03	486.73	1.355 Level 3		
15,200.00	6,840.00	15,051.06	6,840.00	248.25	247.15	-90.00	1,451.81	-9,862.48	659.75	167.65	492.10	1.341 Level 3		
15,300.00	6,840.00	15,151.06	6,840.00	250.92	249.83	-90.00	1,452.25	-9,962.48	659.75	162.27	497.48	1.326 Level 3		
15,400.00	6,840.00	15,251.06	6,840.00	253.58	252.51	-90.00	1,452.69	-10,062.48	659.75	156.89	502.86	1.312 Level 3		
15,500.00	6,840.00	15,351.06	6,840.00	256.25	255.18	-90.00	1,453.13	-10,162.48	659.75	151.51	508.25	1.298 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 25-T4N-R65W - SHELTON 25W-25-05 - 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	15,451.06	6,840.00	258.91	257.87	-90.00	1,453.56	-10,262.48	659.75	146.12	513.63	1.284	Level 3	
15,700.00	6,840.00	15,551.06	6,840.00	261.58	260.55	-90.00	1,454.00	-10,362.48	659.75	140.74	519.01	1.271	Level 3	
15,800.00	6,840.00	15,651.06	6,840.00	264.25	263.23	-90.00	1,454.44	-10,462.48	659.75	135.35	524.40	1.258	Level 3	
15,900.00	6,840.00	15,751.06	6,840.00	266.92	265.91	-90.00	1,454.88	-10,562.47	659.75	129.97	529.79	1.245	Level 2	
16,000.00	6,840.00	15,851.06	6,840.00	269.59	268.60	-90.00	1,455.31	-10,662.47	659.75	124.58	535.17	1.233	Level 2	
16,100.00	6,840.00	15,951.06	6,840.00	272.26	271.28	-90.00	1,455.75	-10,762.47	659.75	119.19	540.56	1.220	Level 2	
16,200.00	6,840.00	16,051.06	6,840.00	274.94	273.97	-90.00	1,456.19	-10,862.47	659.75	113.80	545.95	1.208	Level 2	
16,300.00	6,840.00	16,151.06	6,840.00	277.61	276.65	-90.00	1,456.63	-10,962.47	659.75	108.41	551.34	1.197	Level 2	
16,400.00	6,840.00	16,251.06	6,840.00	280.28	279.34	-90.00	1,457.06	-11,062.47	659.75	103.02	556.74	1.185	Level 2	
16,500.00	6,840.00	16,351.06	6,840.00	282.96	282.03	-90.00	1,457.50	-11,162.47	659.75	97.62	562.13	1.174	Level 2	
16,600.00	6,840.00	16,451.06	6,840.00	285.64	284.71	-90.00	1,457.94	-11,262.47	659.75	92.23	567.52	1.163	Level 2	
16,700.00	6,840.00	16,551.06	6,840.00	288.31	287.40	-90.00	1,458.38	-11,362.47	659.75	86.84	572.92	1.152	Level 2	
16,800.00	6,840.00	16,651.06	6,840.00	290.99	290.09	-90.00	1,458.81	-11,462.47	659.75	81.44	578.31	1.141	Level 2	
16,900.00	6,840.00	16,751.06	6,840.00	293.67	292.78	-90.00	1,459.25	-11,562.47	659.75	76.04	583.71	1.130	Level 2	
17,000.00	6,840.00	16,851.06	6,840.00	296.35	295.47	-90.00	1,459.69	-11,662.46	659.75	70.65	589.10	1.120	Level 2	
17,100.00	6,840.00	16,951.06	6,840.00	299.03	298.16	-90.00	1,460.13	-11,762.46	659.75	65.25	594.50	1.110	Level 2	
17,200.00	6,840.00	17,051.06	6,840.00	301.71	300.85	-90.00	1,460.56	-11,862.46	659.75	59.85	599.90	1.100	Level 2	
17,300.00	6,840.00	17,151.06	6,840.00	304.39	303.55	-90.00	1,461.00	-11,962.46	659.75	54.45	605.30	1.090	Level 2	
17,400.00	6,840.00	17,251.06	6,840.00	307.08	306.24	-90.00	1,461.44	-12,062.46	659.75	49.05	610.70	1.080	Level 2	
17,500.00	6,840.00	17,351.06	6,840.00	309.76	308.93	-90.00	1,461.88	-12,162.46	659.75	43.65	616.10	1.071	Level 2	
17,600.00	6,840.00	17,451.06	6,840.00	312.44	311.62	-90.00	1,462.31	-12,262.46	659.75	38.25	621.50	1.062	Level 2	
17,700.00	6,840.00	17,551.06	6,840.00	315.13	314.32	-90.00	1,462.75	-12,362.46	659.75	32.85	626.90	1.052	Level 2	
17,800.00	6,840.00	17,651.06	6,840.00	317.81	317.01	-90.00	1,463.19	-12,462.46	659.75	27.44	632.31	1.043	Level 2	
17,900.00	6,840.00	17,751.06	6,840.00	320.50	319.71	-90.00	1,463.63	-12,562.46	659.75	22.04	637.71	1.035	Level 2	
18,000.00	6,840.00	17,851.06	6,840.00	323.19	322.40	-90.00	1,464.06	-12,662.45	659.75	16.64	643.11	1.026	Level 2	
18,100.00	6,840.00	17,951.06	6,840.00	325.87	325.10	-90.00	1,464.50	-12,762.45	659.75	11.23	648.52	1.017	Level 2	
18,200.00	6,840.00	18,051.06	6,840.00	328.56	327.79	-90.00	1,464.94	-12,862.45	659.75	5.83	653.92	1.009	Level 2	
18,300.00	6,840.00	18,151.06	6,840.00	331.25	330.49	-90.00	1,465.38	-12,962.45	659.75	0.42	659.33	1.001	Level 2	
18,400.00	6,840.00	18,251.06	6,840.00	333.94	333.19	-90.00	1,465.81	-13,062.45	659.75	-4.98	664.73	0.993	Level 1	
18,500.00	6,840.00	18,351.06	6,840.00	336.63	335.88	-90.00	1,466.25	-13,162.45	659.75	-10.39	670.14	0.984	Level 1	
18,600.00	6,840.00	18,451.06	6,840.00	339.32	338.58	-90.00	1,466.69	-13,262.45	659.75	-15.80	675.55	0.977	Level 1	
18,700.00	6,840.00	18,551.06	6,840.00	342.01	341.28	-90.00	1,467.13	-13,362.45	659.75	-21.21	680.96	0.969	Level 1	
18,800.00	6,840.00	18,651.06	6,840.00	344.70	343.98	-90.00	1,467.56	-13,462.45	659.75	-26.61	686.36	0.961	Level 1	
18,900.00	6,840.00	18,751.06	6,840.00	347.39	346.68	-90.00	1,468.00	-13,562.45	659.75	-32.02	691.77	0.954	Level 1	
19,000.00	6,840.00	18,851.06	6,840.00	350.08	349.37	-90.00	1,468.44	-13,662.45	659.75	-37.43	697.18	0.946	Level 1	
19,100.00	6,840.00	18,951.06	6,840.00	352.77	352.07	-90.00	1,468.88	-13,762.44	659.75	-42.84	702.59	0.939	Level 1	
19,200.00	6,840.00	19,051.06	6,840.00	355.46	354.77	-90.00	1,469.31	-13,862.44	659.75	-48.25	708.00	0.932	Level 1	
19,300.00	6,840.00	19,151.06	6,840.00	358.16	357.47	-90.00	1,469.75	-13,962.44	659.75	-53.66	713.41	0.925	Level 1	
19,400.00	6,840.00	19,251.06	6,840.00	360.85	360.17	-90.00	1,470.19	-14,062.44	659.75	-59.07	718.82	0.918	Level 1	
19,500.00	6,840.00	19,351.06	6,840.00	363.54	362.87	-90.00	1,470.63	-14,162.44	659.75	-64.48	724.23	0.911	Level 1	
19,600.00	6,840.00	19,451.06	6,840.00	366.24	365.57	-90.00	1,471.06	-14,262.44	659.75	-69.90	729.65	0.904	Level 1	
19,700.00	6,840.00	19,551.06	6,840.00	368.93	368.28	-90.00	1,471.50	-14,362.44	659.75	-75.31	735.06	0.898	Level 1	
19,800.00	6,840.00	19,651.06	6,840.00	371.63	370.98	-90.00	1,471.94	-14,462.44	659.75	-80.72	740.47	0.891	Level 1	
19,900.00	6,840.00	19,751.06	6,840.00	374.32	373.68	-90.00	1,472.38	-14,562.44	659.75	-86.13	745.88	0.885	Level 1	
20,000.00	6,840.00	19,851.06	6,840.00	377.02	376.38	-90.00	1,472.81	-14,662.44	659.75	-91.55	751.30	0.878	Level 1	
20,100.00	6,840.00	19,951.06	6,840.00	379.71	379.08	-90.00	1,473.25	-14,762.43	659.75	-96.96	756.71	0.872	Level 1	
20,200.00	6,840.00	20,051.06	6,840.00	382.41	381.78	-90.00	1,473.69	-14,862.43	659.75	-102.38	762.13	0.866	Level 1	
20,300.00	6,840.00	20,151.06	6,840.00	385.11	384.49	-90.00	1,474.13	-14,962.43	659.75	-107.79	767.54	0.860	Level 1	
20,400.00	6,840.00	20,251.06	6,840.00	387.80	387.19	-90.00	1,474.56	-15,062.43	659.75	-113.21	772.95	0.854	Level 1	
20,500.00	6,840.00	20,351.06	6,840.00	390.50	389.89	-90.00	1,475.00	-15,162.43	659.75	-118.62	778.37	0.848	Level 1	
20,600.00	6,840.00	20,451.06	6,840.00	393.20	392.60	-90.00	1,475.44	-15,262.43	659.75	-124.04	783.79	0.842	Level 1	
20,691.67	6,840.00	20,542.73	6,840.00	395.67	395.07	-90.00	1,475.84	-15,354.10	659.75	-129.00	788.75	0.836	Level 1, ES, SF	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-67.40	0.00	67.40					
100.00	100.00	100.00	100.00	0.13	0.13	180.00	-67.40	0.00	67.40	67.13	0.27	250.680		
200.00	200.00	200.00	200.00	0.49	0.49	180.00	-67.40	0.00	67.40	66.41	0.99	68.367		
300.00	300.00	300.00	300.00	0.85	0.85	180.00	-67.40	0.00	67.40	65.69	1.70	39.581 CC, ES		
400.00	399.98	400.02	399.98	1.21	1.21	-136.37	-67.40	0.00	68.65	66.23	2.42	28.384		
500.00	499.84	500.16	499.84	1.57	1.57	-139.17	-67.40	0.00	72.53	69.39	3.14	23.106		
600.00	599.45	599.45	599.45	1.94	1.92	-143.20	-67.40	0.00	79.33	75.47	3.86	20.541		
700.00	698.70	700.76	700.74	2.32	2.28	-147.01	-66.53	-1.55	88.26	83.67	4.59	19.224		
800.00	797.47	802.42	802.25	2.73	2.65	-149.62	-63.91	-6.24	98.07	92.74	5.33	18.414		
900.00	895.62	904.39	903.82	3.16	3.02	-151.29	-59.51	-14.10	108.57	102.50	6.07	17.876		
1,000.00	993.06	1,006.69	1,005.32	3.63	3.40	-152.25	-53.33	-25.15	119.66	112.83	6.84	17.498		
1,100.00	1,089.64	1,109.27	1,106.59	4.14	3.81	-152.64	-45.36	-39.40	131.27	123.64	7.63	17.205		
1,200.00	1,185.27	1,212.14	1,207.49	4.70	4.24	-152.60	-35.59	-56.86	143.36	134.91	8.45	16.961		
1,300.00	1,279.82	1,315.28	1,307.87	5.30	4.71	-152.23	-24.03	-77.53	155.92	146.61	9.32	16.739		
1,400.00	1,373.17	1,418.67	1,407.57	5.96	5.22	-151.59	-10.68	-101.40	168.95	158.72	10.23	16.514		
1,500.00	1,465.21	1,522.30	1,506.45	6.67	5.78	-150.76	4.45	-128.46	182.45	171.24	11.21	16.275		
1,600.00	1,555.84	1,626.15	1,604.35	7.44	6.40	-149.76	21.36	-158.69	196.44	184.17	12.27	16.014		
1,700.00	1,645.41	1,730.31	1,701.21	8.26	7.07	-148.61	40.05	-192.10	210.05	196.64	13.41	15.662		
1,800.00	1,734.94	1,829.52	1,792.77	9.09	7.76	-147.33	58.70	-225.44	222.52	207.89	14.64	15.203		
1,900.00	1,824.47	1,928.62	1,884.23	9.94	8.47	-146.18	77.33	-258.75	235.09	219.19	15.90	14.783		
2,000.00	1,913.99	2,027.73	1,975.69	10.80	9.19	-145.15	95.96	-292.06	247.75	230.55	17.20	14.401		
2,100.00	2,003.52	2,126.83	2,067.15	11.66	9.92	-144.23	114.60	-325.37	260.48	241.94	18.53	14.055		
2,200.00	2,093.05	2,225.93	2,158.61	12.53	10.66	-143.38	133.23	-358.68	273.26	253.38	19.89	13.742		
2,300.00	2,182.58	2,325.04	2,250.07	13.40	11.41	-142.62	151.86	-391.99	286.10	264.84	21.26	13.458		
2,400.00	2,272.11	2,424.14	2,341.53	14.28	12.16	-141.92	170.49	-425.30	298.99	276.34	22.65	13.200		
2,500.00	2,361.63	2,523.24	2,432.98	15.16	12.92	-141.28	189.12	-458.61	311.92	287.86	24.06	12.965		
2,600.00	2,451.16	2,622.34	2,524.44	16.04	13.69	-140.68	207.75	-491.92	324.88	299.40	25.48	12.752		
2,700.00	2,540.69	2,721.45	2,615.90	16.92	14.46	-140.14	226.38	-525.23	337.87	310.96	26.91	12.557		
2,800.00	2,630.22	2,820.55	2,707.36	17.81	15.23	-139.63	245.01	-558.54	350.89	322.55	28.35	12.379		
2,900.00	2,719.75	2,919.65	2,798.82	18.70	16.00	-139.16	263.64	-591.85	363.94	334.14	29.79	12.215		
3,000.00	2,809.28	3,018.76	2,890.28	19.58	16.77	-138.73	282.27	-625.16	377.01	345.76	31.25	12.064		
3,100.00	2,898.80	3,117.86	2,981.74	20.47	17.55	-138.32	300.91	-658.46	390.10	357.38	32.71	11.925		
3,200.00	2,988.33	3,216.96	3,073.20	21.36	18.33	-137.94	319.54	-691.77	403.20	369.02	34.18	11.796		
3,300.00	3,077.86	3,316.06	3,164.66	22.26	19.11	-137.58	338.17	-725.08	416.33	380.67	35.65	11.677		
3,400.00	3,167.39	3,415.17	3,256.12	23.15	19.89	-137.25	356.80	-758.39	429.46	392.33	37.13	11.566		
3,500.00	3,256.92	3,514.27	3,347.57	24.04	20.67	-136.93	375.43	-791.70	442.62	404.00	38.61	11.463		
3,600.00	3,346.44	3,613.37	3,439.03	24.93	21.45	-136.63	394.06	-825.01	455.78	415.68	40.10	11.367		
3,700.00	3,435.97	3,712.48	3,530.49	25.83	22.24	-136.35	412.69	-858.32	468.96	427.37	41.59	11.277		
3,800.00	3,525.50	3,811.58	3,621.95	26.72	23.02	-136.09	431.32	-891.63	482.14	439.06	43.08	11.192		
3,900.00	3,615.03	3,910.68	3,713.41	27.62	23.81	-135.84	449.95	-924.94	495.34	450.76	44.57	11.113		
4,000.00	3,704.56	4,009.78	3,804.87	28.51	24.59	-135.60	468.58	-958.25	508.54	462.47	46.07	11.039		
4,100.00	3,794.09	4,108.89	3,896.33	29.41	25.38	-135.37	487.22	-991.56	521.75	474.19	47.57	10.968		
4,200.00	3,883.61	4,207.99	3,987.79	30.30	26.17	-135.16	505.85	-1,024.87	534.97	485.90	49.07	10.902		
4,300.00	3,973.14	4,307.09	4,079.25	31.20	26.96	-134.95	524.48	-1,058.18	548.20	497.63	50.57	10.840		
4,400.00	4,062.67	4,406.20	4,170.71	32.10	27.74	-134.76	543.11	-1,091.49	561.44	509.36	52.08	10.781		
4,500.00	4,152.20	4,505.30	4,262.16	32.99	28.53	-134.57	561.74	-1,124.79	574.68	521.09	53.58	10.725		
4,600.00	4,241.73	4,604.40	4,353.62	33.89	29.32	-134.40	580.37	-1,158.10	587.92	532.83	55.09	10.672		
4,700.00	4,331.26	4,703.50	4,445.08	34.79	30.11	-134.23	599.00	-1,191.41	601.17	544.57	56.60	10.621		
4,800.00	4,420.78	4,802.61	4,536.54	35.69	30.90	-134.06	617.63	-1,224.72	614.43	556.32	58.11	10.573		
4,900.00	4,510.31	4,901.71	4,628.00	36.58	31.69	-133.91	636.26	-1,258.03	627.69	568.06	59.62	10.527		
5,000.00	4,599.84	5,000.81	4,719.46	37.48	32.48	-133.76	654.89	-1,291.34	640.95	579.82	61.14	10.484		
5,100.00	4,689.37	5,100.08	4,810.92	38.38	33.27	-133.62	673.53	-1,324.65	654.22	591.57	62.65	10.442		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,200.98	4,902.38	39.28	34.08	-133.48	692.16	-1,357.96	667.49	603.31	64.18	10.400		
5,300.00	4,868.42	5,301.88	4,993.84	40.18	34.88	-133.35	710.79	-1,391.27	680.77	615.06	65.71	10.360		
5,400.00	4,957.95	5,397.22	5,085.30	41.07	35.65	-133.22	729.42	-1,424.58	694.05	626.85	67.20	10.329		
5,500.00	5,047.48	5,503.67	5,176.75	41.97	36.50	-133.10	748.05	-1,457.89	707.33	638.56	68.77	10.286		
5,600.00	5,137.01	5,604.57	5,268.21	42.87	37.30	-132.98	766.68	-1,491.20	720.62	650.32	70.30	10.251		
5,700.00	5,226.54	5,705.47	5,359.67	43.77	38.11	-132.87	785.31	-1,524.51	733.91	662.08	71.83	10.217		
5,800.00	5,316.07	5,793.64	5,451.13	44.67	38.81	-132.76	803.94	-1,557.82	747.20	673.93	73.27	10.198		
5,900.00	5,405.59	5,907.26	5,542.59	45.57	39.72	-132.65	822.57	-1,591.12	760.49	685.60	74.90	10.154		
6,000.00	5,495.12	6,008.16	5,634.05	46.47	40.53	-132.55	841.20	-1,624.43	773.79	697.36	76.43	10.124		
6,100.00	5,584.65	6,109.06	5,725.51	47.37	41.33	-132.45	859.84	-1,657.74	787.09	709.12	77.97	10.095		
6,200.00	5,674.18	6,190.05	5,816.97	48.27	41.98	-132.36	878.47	-1,691.05	800.39	721.04	79.35	10.086		
6,300.00	5,763.71	6,289.15	5,908.43	49.16	42.77	-132.27	897.10	-1,724.36	813.69	732.82	80.88	10.061		
6,400.00	5,853.23	6,388.25	5,999.88	50.06	43.57	-132.18	915.73	-1,757.67	827.00	744.60	82.40	10.037		
6,500.00	5,942.76	6,487.36	6,091.34	50.96	44.36	-132.09	934.36	-1,790.98	840.31	756.38	83.92	10.013		
6,600.00	6,032.29	6,586.46	6,182.80	51.86	45.15	-132.01	952.99	-1,824.29	853.62	768.17	85.45	9.990		
6,700.00	6,121.82	6,685.56	6,274.26	52.76	45.95	-131.93	971.62	-1,857.60	866.93	779.96	86.97	9.968		
6,800.00	6,211.35	6,784.66	6,365.72	53.66	46.74	-131.85	990.25	-1,890.91	880.24	791.75	88.49	9.947		
6,900.00	6,300.88	6,883.77	6,457.18	54.56	47.53	-131.77	1,008.88	-1,924.22	893.55	803.53	90.02	9.926		
7,000.00	6,390.40	6,973.62	6,538.10	55.46	48.35	-131.66	1,025.39	-1,959.40	907.31	815.59	91.72	9.892		
7,100.00	6,479.90	7,058.27	6,608.57	56.36	49.30	-128.32	1,039.83	-2,003.87	922.46	828.48	93.98	9.816		
7,200.00	6,565.62	7,139.03	6,689.12	57.41	50.39	-114.54	1,052.30	-2,055.74	938.00	841.55	96.45	9.726		
7,300.00	6,643.25	7,217.81	6,720.73	58.67	51.60	-105.48	1,062.99	-2,114.21	952.48	853.52	98.95	9.625		
7,400.00	6,710.45	7,295.07	6,763.23	60.11	52.90	-99.29	1,071.86	-2,178.04	965.26	863.79	101.47	9.513		
7,500.00	6,765.16	7,371.21	6,796.51	61.71	54.29	-95.03	1,078.89	-2,246.10	975.83	871.84	103.99	9.384		
7,600.00	6,805.74	7,446.54	6,820.45	63.40	55.73	-92.21	1,084.05	-2,317.29	983.75	877.27	106.48	9.239		
7,700.00	6,830.93	7,521.36	6,834.96	65.14	57.19	-90.58	1,087.31	-2,390.55	988.72	879.78	108.94	9.076		
7,800.00	6,839.98	7,598.18	6,840.00	66.86	58.70	-90.00	1,088.67	-2,467.13	990.54	879.05	111.50	8.884		
7,900.00	6,840.00	7,704.87	6,840.00	68.58	60.82	-90.00	1,089.10	-2,564.08	990.54	874.87	115.67	8.564		
8,000.00	6,840.00	7,804.87	6,840.00	70.35	62.86	-90.00	1,089.55	-2,664.08	990.53	870.58	119.94	8.258		
8,100.00	6,840.00	7,904.87	6,840.00	72.18	64.95	-90.00	1,089.99	-2,764.08	990.52	866.21	124.31	7.968		
8,200.00	6,840.00	8,004.87	6,840.00	74.06	67.08	-90.00	1,090.44	-2,864.08	990.51	861.75	128.76	7.693		
8,300.00	6,840.00	8,104.87	6,840.00	75.98	69.25	-90.00	1,090.88	-2,964.08	990.50	857.22	133.28	7.432		
8,400.00	6,840.00	8,204.87	6,840.00	77.96	71.46	-90.00	1,091.33	-3,064.08	990.49	852.63	137.87	7.184		
8,500.00	6,840.00	8,304.87	6,840.00	79.97	73.71	-90.00	1,091.78	-3,164.08	990.48	847.97	142.52	6.950		
8,600.00	6,840.00	8,404.87	6,840.00	82.03	75.98	-90.00	1,092.22	-3,264.08	990.48	843.26	147.22	6.728		
8,700.00	6,840.00	8,504.87	6,840.00	84.12	78.28	-90.00	1,092.67	-3,364.07	990.47	838.50	151.97	6.518		
8,800.00	6,840.00	8,604.87	6,840.00	86.25	80.61	-90.00	1,093.11	-3,464.07	990.46	833.69	156.77	6.318		
8,900.00	6,840.00	8,704.87	6,840.00	88.41	82.96	-90.00	1,093.56	-3,564.07	990.45	828.85	161.60	6.129		
9,000.00	6,840.00	8,804.87	6,840.00	90.60	85.34	-90.00	1,094.01	-3,664.07	990.44	823.96	166.48	5.949		
9,100.00	6,840.00	8,904.87	6,840.00	92.82	87.73	-90.00	1,094.45	-3,764.07	990.43	819.05	171.39	5.779		
9,200.00	6,840.00	9,004.87	6,840.00	95.07	90.15	-90.00	1,094.90	-3,864.07	990.42	814.10	176.33	5.617		
9,300.00	6,840.00	9,104.87	6,840.00	97.34	92.58	-90.00	1,095.34	-3,964.07	990.42	809.12	181.29	5.463		
9,400.00	6,840.00	9,204.87	6,840.00	99.64	95.03	-90.00	1,095.79	-4,064.07	990.41	804.12	186.29	5.317		
9,500.00	6,840.00	9,304.87	6,840.00	101.95	97.49	-90.00	1,096.24	-4,164.07	990.40	799.09	191.31	5.177		
9,600.00	6,840.00	9,404.87	6,840.00	104.29	99.96	-90.00	1,096.68	-4,264.07	990.39	794.04	196.35	5.044		
9,700.00	6,840.00	9,504.87	6,840.00	106.64	102.45	-90.00	1,097.13	-4,364.06	990.38	788.97	201.41	4.917		
9,800.00	6,840.00	9,604.87	6,840.00	109.02	104.95	-90.00	1,097.57	-4,464.06	990.37	783.88	206.49	4.796		
9,900.00	6,840.00	9,704.87	6,840.00	111.41	107.46	-90.00	1,098.02	-4,564.06	990.36	778.77	211.59	4.681		
10,000.00	6,840.00	9,804.87	6,840.00	113.81	109.98	-90.00	1,098.47	-4,664.06	990.36	773.65	216.71	4.570		
10,100.00	6,840.00	9,904.87	6,840.00	116.23	112.51	-90.00	1,098.91	-4,764.06	990.35	768.51	221.84	4.464		
10,200.00	6,840.00	10,004.87	6,840.00	118.67	115.05	-90.00	1,099.36	-4,864.06	990.34	763.36	226.98	4.363		
10,300.00	6,840.00	10,104.87	6,840.00	121.11	117.60	-90.00	1,099.80	-4,964.06	990.33	758.19	232.14	4.266		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,204.87	6,840.00	123.57	120.15	-90.00	1,100.25	-5,064.06	990.32	753.01	237.31	4.173		
10,500.00	6,840.00	10,304.87	6,840.00	126.04	122.71	-90.00	1,100.70	-5,164.06	990.31	747.82	242.49	4.084		
10,600.00	6,840.00	10,404.87	6,840.00	128.52	125.28	-90.00	1,101.14	-5,264.06	990.30	742.62	247.69	3.998		
10,700.00	6,840.00	10,504.87	6,840.00	131.01	127.86	-90.00	1,101.59	-5,364.05	990.30	737.40	252.89	3.916		
10,800.00	6,840.00	10,604.87	6,840.00	133.51	130.44	-90.00	1,102.03	-5,464.05	990.29	732.18	258.11	3.837		
10,900.00	6,840.00	10,704.87	6,840.00	136.02	133.02	-90.00	1,102.48	-5,564.05	990.28	726.95	263.33	3.761		
11,000.00	6,840.00	10,804.87	6,840.00	138.53	135.62	-90.00	1,102.93	-5,664.05	990.27	721.71	268.56	3.687		
11,100.00	6,840.00	10,904.87	6,840.00	141.06	138.21	-90.00	1,103.37	-5,764.05	990.26	716.46	273.80	3.617		
11,200.00	6,840.00	11,004.87	6,840.00	143.59	140.81	-90.00	1,103.82	-5,864.05	990.25	711.20	279.05	3.549		
11,300.00	6,840.00	11,104.87	6,840.00	146.13	143.42	-90.00	1,104.26	-5,964.05	990.24	705.94	284.30	3.483		
11,400.00	6,840.00	11,204.87	6,840.00	148.68	146.03	-90.00	1,104.71	-6,064.05	990.24	700.67	289.57	3.420		
11,500.00	6,840.00	11,304.87	6,840.00	151.23	148.65	-90.00	1,105.16	-6,164.05	990.23	695.39	294.83	3.359		
11,600.00	6,840.00	11,404.87	6,840.00	153.79	151.26	-90.00	1,105.60	-6,264.05	990.22	690.11	300.11	3.300		
11,700.00	6,840.00	11,504.87	6,840.00	156.35	153.89	-90.00	1,106.05	-6,364.04	990.21	684.82	305.39	3.242		
11,800.00	6,840.00	11,604.87	6,840.00	158.92	156.51	-90.00	1,106.49	-6,464.04	990.20	679.53	310.67	3.187		
11,900.00	6,840.00	11,704.87	6,840.00	161.49	159.14	-90.00	1,106.94	-6,564.04	990.19	674.23	315.96	3.134		
12,000.00	6,840.00	11,795.13	6,840.00	164.07	161.51	-90.00	1,107.39	-6,664.04	990.18	669.18	321.00	3.085		
12,100.00	6,840.00	11,904.87	6,840.00	166.66	164.41	-90.00	1,107.83	-6,764.04	990.18	663.62	326.56	3.032		
12,200.00	6,840.00	12,004.87	6,840.00	169.25	167.04	-90.00	1,108.28	-6,864.04	990.17	658.30	331.86	2.984		
12,300.00	6,840.00	12,104.87	6,840.00	171.84	169.68	-90.00	1,108.72	-6,964.04	990.16	652.99	337.17	2.937		
12,400.00	6,840.00	12,204.87	6,840.00	174.44	172.32	-90.00	1,109.17	-7,064.04	990.15	647.66	342.49	2.891		
12,500.00	6,840.00	12,304.87	6,840.00	177.04	174.97	-90.00	1,109.62	-7,164.04	990.14	642.34	347.80	2.847		
12,600.00	6,840.00	12,404.87	6,840.00	179.64	177.62	-90.00	1,110.06	-7,264.04	990.13	637.01	353.12	2.804		
12,700.00	6,840.00	12,504.87	6,840.00	182.25	180.27	-90.00	1,110.51	-7,364.04	990.12	631.67	358.45	2.762		
12,800.00	6,840.00	12,604.87	6,840.00	184.86	182.92	-90.00	1,110.95	-7,464.03	990.12	626.34	363.78	2.722		
12,900.00	6,840.00	12,704.87	6,840.00	187.47	185.57	-90.00	1,111.40	-7,564.03	990.11	621.00	369.11	2.682		
13,000.00	6,840.00	12,804.87	6,840.00	190.09	188.23	-90.00	1,111.85	-7,664.03	990.10	615.66	374.44	2.644		
13,100.00	6,840.00	12,904.87	6,840.00	192.71	190.88	-90.00	1,112.29	-7,764.03	990.09	610.31	379.78	2.607		
13,200.00	6,840.00	13,004.87	6,840.00	195.34	193.54	-90.00	1,112.74	-7,864.03	990.08	604.96	385.12	2.571		
13,300.00	6,840.00	13,104.87	6,840.00	197.96	196.20	-90.00	1,113.18	-7,964.03	990.07	599.61	390.46	2.536		
13,400.00	6,840.00	13,204.87	6,840.00	200.59	198.87	-90.00	1,113.63	-8,064.03	990.06	594.26	395.81	2.501		
13,500.00	6,840.00	13,295.13	6,840.00	203.22	201.27	-90.00	1,114.08	-8,164.03	990.06	589.16	400.90	2.470		
13,600.00	6,840.00	13,404.87	6,840.00	205.85	204.19	-90.00	1,114.52	-8,264.03	990.05	583.54	406.51	2.436		
13,700.00	6,840.00	13,504.87	6,840.00	208.49	206.86	-90.00	1,114.97	-8,364.03	990.04	578.18	411.86	2.404		
13,800.00	6,840.00	13,604.87	6,840.00	211.13	209.53	-90.00	1,115.41	-8,464.02	990.03	572.82	417.21	2.373		
13,900.00	6,840.00	13,704.87	6,840.00	213.77	212.20	-90.00	1,115.86	-8,564.02	990.02	567.45	422.57	2.343		
14,000.00	6,840.00	13,804.87	6,840.00	216.41	214.87	-90.00	1,116.31	-8,664.02	990.01	562.08	427.93	2.313		
14,100.00	6,840.00	13,904.87	6,840.00	219.06	217.54	-90.00	1,116.75	-8,764.02	990.00	556.71	433.29	2.285		
14,200.00	6,840.00	14,004.87	6,840.00	221.70	220.22	-90.00	1,117.20	-8,864.02	990.00	551.34	438.66	2.257		
14,300.00	6,840.00	14,104.87	6,840.00	224.35	222.89	-90.00	1,117.64	-8,964.02	989.99	545.97	444.02	2.230		
14,400.00	6,840.00	14,204.87	6,840.00	227.00	225.57	-90.00	1,118.09	-9,064.02	989.98	540.59	449.39	2.203		
14,500.00	6,840.00	14,304.87	6,840.00	229.65	228.24	-90.00	1,118.54	-9,164.02	989.97	535.21	454.76	2.177		
14,600.00	6,840.00	14,404.87	6,840.00	232.30	230.92	-90.00	1,118.98	-9,264.02	989.96	529.84	460.13	2.152		
14,700.00	6,840.00	14,504.87	6,840.00	234.96	233.60	-90.00	1,119.43	-9,364.02	989.95	524.46	465.50	2.127		
14,800.00	6,840.00	14,604.87	6,840.00	237.61	236.28	-90.00	1,119.87	-9,464.01	989.94	519.07	470.87	2.102		
14,900.00	6,840.00	14,704.87	6,840.00	240.27	238.96	-90.00	1,120.32	-9,564.01	989.94	513.69	476.25	2.079		
15,000.00	6,840.00	14,804.87	6,840.00	242.93	241.64	-90.00	1,120.77	-9,664.01	989.93	508.30	481.62	2.055		
15,100.00	6,840.00	14,904.87	6,840.00	245.59	244.32	-90.00	1,121.21	-9,764.01	989.92	502.92	487.00	2.033		
15,200.00	6,840.00	14,995.13	6,840.00	248.25	246.74	-90.00	1,121.66	-9,864.01	989.91	497.79	492.12	2.012		
15,300.00	6,840.00	15,104.87	6,840.00	250.92	249.69	-90.00	1,122.10	-9,964.01	989.90	492.14	497.76	1.989		
15,400.00	6,840.00	15,204.88	6,840.00	253.58	252.37	-90.00	1,122.55	-10,064.01	989.89	486.75	503.14	1.967		
15,500.00	6,840.00	15,304.88	6,840.00	256.25	255.06	-90.00	1,123.00	-10,164.01	989.88	481.36	508.52	1.947		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,404.88	6,840.00	258.91	257.74	-90.00	1,123.44	-10,264.01	989.88	475.97	513.91	1.926		
15,700.00	6,840.00	15,504.88	6,840.00	261.58	260.43	-90.00	1,123.89	-10,364.01	989.87	470.57	519.29	1.906		
15,800.00	6,840.00	15,604.88	6,840.00	264.25	263.12	-90.00	1,124.33	-10,464.00	989.86	465.18	524.68	1.887		
15,900.00	6,840.00	15,704.88	6,840.00	266.92	265.81	-90.00	1,124.78	-10,564.00	989.85	459.78	530.07	1.867		
16,000.00	6,840.00	15,804.88	6,840.00	269.59	268.50	-90.00	1,125.23	-10,664.00	989.84	454.39	535.46	1.849		
16,100.00	6,840.00	15,904.88	6,840.00	272.26	271.18	-90.00	1,125.67	-10,764.00	989.83	448.99	540.85	1.830		
16,200.00	6,840.00	16,004.88	6,840.00	274.94	273.88	-90.00	1,126.12	-10,864.00	989.82	443.59	546.24	1.812		
16,300.00	6,840.00	16,104.88	6,840.00	277.61	276.57	-90.00	1,126.56	-10,964.00	989.82	438.19	551.63	1.794		
16,400.00	6,840.00	16,204.88	6,840.00	280.28	279.26	-90.00	1,127.01	-11,064.00	989.81	432.79	557.02	1.777		
16,500.00	6,840.00	16,304.88	6,840.00	282.96	281.95	-90.00	1,127.46	-11,164.00	989.80	427.38	562.41	1.760		
16,600.00	6,840.00	16,404.88	6,840.00	285.64	284.64	-90.00	1,127.90	-11,264.00	989.79	421.98	567.81	1.743		
16,700.00	6,840.00	16,504.88	6,840.00	288.31	287.33	-90.00	1,128.35	-11,364.00	989.78	416.58	573.20	1.727		
16,800.00	6,840.00	16,604.88	6,840.00	290.99	290.03	-90.00	1,128.79	-11,463.99	989.77	411.17	578.60	1.711		
16,900.00	6,840.00	16,704.88	6,840.00	293.67	292.72	-90.00	1,129.24	-11,563.99	989.76	405.77	584.00	1.695		
17,000.00	6,840.00	16,804.88	6,840.00	296.35	295.42	-90.00	1,129.69	-11,663.99	989.76	400.36	589.39	1.679		
17,100.00	6,840.00	16,904.88	6,840.00	299.03	298.11	-90.00	1,130.13	-11,763.99	989.75	394.96	594.79	1.664		
17,200.00	6,840.00	17,004.88	6,840.00	301.71	300.81	-90.00	1,130.58	-11,863.99	989.74	389.55	600.19	1.649		
17,300.00	6,840.00	17,104.88	6,840.00	304.39	303.50	-90.00	1,131.02	-11,963.99	989.73	384.14	605.59	1.634		
17,400.00	6,840.00	17,204.88	6,840.00	307.08	306.20	-90.00	1,131.47	-12,063.99	989.72	378.73	610.99	1.620		
17,500.00	6,840.00	17,304.88	6,840.00	309.76	308.89	-90.00	1,131.92	-12,163.99	989.71	373.32	616.39	1.606		
17,600.00	6,840.00	17,404.88	6,840.00	312.44	311.59	-90.00	1,132.36	-12,263.99	989.70	367.91	621.79	1.592		
17,700.00	6,840.00	17,504.88	6,840.00	315.13	314.29	-90.00	1,132.81	-12,363.99	989.70	362.50	627.20	1.578		
17,800.00	6,840.00	17,604.88	6,840.00	317.81	316.99	-90.00	1,133.25	-12,463.98	989.69	357.09	632.60	1.564		
17,900.00	6,840.00	17,704.88	6,840.00	320.50	319.68	-90.00	1,133.70	-12,563.98	989.68	351.68	638.00	1.551		
18,000.00	6,840.00	17,804.88	6,840.00	323.19	322.38	-90.00	1,134.15	-12,663.98	989.67	346.26	643.41	1.538		
18,100.00	6,840.00	17,895.13	6,840.00	325.87	324.82	-90.00	1,134.59	-12,763.98	989.66	341.11	648.55	1.526		
18,200.00	6,840.00	18,004.88	6,840.00	328.56	327.78	-90.00	1,135.04	-12,863.98	989.65	335.43	654.22	1.513		
18,300.00	6,840.00	18,104.88	6,840.00	331.25	330.48	-90.00	1,135.49	-12,963.98	989.64	330.02	659.62	1.500		
18,400.00	6,840.00	18,204.88	6,840.00	333.94	333.18	-90.00	1,135.93	-13,063.98	989.64	324.61	665.03	1.488 Level 3		
18,500.00	6,840.00	18,304.88	6,840.00	336.63	335.88	-90.00	1,136.38	-13,163.98	989.63	319.19	670.44	1.476 Level 3		
18,600.00	6,840.00	18,404.88	6,840.00	339.32	338.58	-90.00	1,136.82	-13,263.98	989.62	313.77	675.85	1.464 Level 3		
18,700.00	6,840.00	18,504.88	6,840.00	342.01	341.28	-90.00	1,137.27	-13,363.98	989.61	308.36	681.25	1.453 Level 3		
18,800.00	6,840.00	18,604.88	6,840.00	344.70	343.98	-90.00	1,137.72	-13,463.97	989.60	302.94	686.66	1.441 Level 3		
18,900.00	6,840.00	18,704.88	6,840.00	347.39	346.68	-90.00	1,138.16	-13,563.97	989.59	297.52	692.07	1.430 Level 3		
19,000.00	6,840.00	18,804.88	6,840.00	350.08	349.39	-90.00	1,138.61	-13,663.97	989.58	292.10	697.48	1.419 Level 3		
19,100.00	6,840.00	18,904.88	6,840.00	352.77	352.09	-90.00	1,139.05	-13,763.97	989.58	286.68	702.89	1.408 Level 3		
19,200.00	6,840.00	19,004.88	6,840.00	355.46	354.79	-90.00	1,139.50	-13,863.97	989.57	281.27	708.30	1.397 Level 3		
19,300.00	6,840.00	19,104.88	6,840.00	358.16	357.49	-90.00	1,139.95	-13,963.97	989.56	275.85	713.71	1.386 Level 3		
19,400.00	6,840.00	19,204.88	6,840.00	360.85	360.19	-90.00	1,140.39	-14,063.97	989.55	270.43	719.12	1.376 Level 3		
19,500.00	6,840.00	19,304.88	6,840.00	363.54	362.90	-90.00	1,140.84	-14,163.97	989.54	265.01	724.54	1.366 Level 3		
19,600.00	6,840.00	19,404.88	6,840.00	366.24	365.60	-90.00	1,141.28	-14,263.97	989.53	259.58	729.95	1.356 Level 3		
19,700.00	6,840.00	19,504.88	6,840.00	368.93	368.30	-90.00	1,141.73	-14,363.97	989.52	254.16	735.36	1.346 Level 3		
19,800.00	6,840.00	19,604.88	6,840.00	371.63	371.01	-90.00	1,142.18	-14,463.96	989.52	248.74	740.77	1.336 Level 3		
19,900.00	6,840.00	19,695.13	6,840.00	374.32	373.45	-90.00	1,142.62	-14,563.96	989.51	243.58	745.92	1.327 Level 3		
20,000.00	6,840.00	19,804.88	6,840.00	377.02	376.42	-90.00	1,143.07	-14,663.96	989.50	237.90	751.60	1.317 Level 3		
20,100.00	6,840.00	19,904.88	6,840.00	379.71	379.12	-90.00	1,143.51	-14,763.96	989.49	232.47	757.02	1.307 Level 3		
20,200.00	6,840.00	19,995.13	6,840.00	382.41	381.56	-90.00	1,143.96	-14,863.96	989.48	227.32	762.17	1.298 Level 3		
20,300.00	6,840.00	20,104.88	6,840.00	385.11	384.53	-90.00	1,144.41	-14,963.96	989.47	221.63	767.85	1.289 Level 3		
20,400.00	6,840.00	20,204.88	6,840.00	387.80	387.24	-90.00	1,144.85	-15,063.96	989.46	216.20	773.26	1.280 Level 3		
20,500.00	6,840.00	20,304.88	6,840.00	390.50	389.94	-90.00	1,145.30	-15,163.96	989.46	210.78	778.68	1.271 Level 3		
20,600.00	6,840.00	20,395.13	6,840.00	393.20	392.38	-90.00	1,145.74	-15,263.96	989.45	205.62	783.83	1.262 Level 3		
20,691.67	6,840.00	20,486.79	6,840.00	395.67	394.86	-90.00	1,146.15	-15,355.62	989.44	200.65	788.79	1.254 Level 3, SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-89.98	0.00	89.98					
100.00	100.00	101.00	99.00	0.13	0.14	180.00	-89.98	0.00	89.98	89.71	0.27	330.287		
200.00	200.00	201.00	199.00	0.49	0.50	180.00	-89.98	0.00	89.98	88.99	0.99	90.949		
300.00	300.00	301.00	299.00	0.85	0.85	180.00	-89.98	0.00	89.98	88.28	1.71	52.735 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-136.12	-89.98	0.00	91.23	88.81	2.42	37.666		
500.00	499.84	501.16	498.84	1.57	1.57	-138.25	-89.98	0.00	95.08	91.93	3.14	30.255		
600.00	599.45	601.55	598.45	1.94	1.93	-141.43	-89.98	0.00	101.75	97.88	3.87	26.293		
700.00	698.70	697.70	697.70	2.32	2.28	-145.22	-89.98	0.00	111.56	106.97	4.59	24.312		
800.00	797.47	798.99	798.97	2.73	2.64	-148.63	-89.34	-1.58	123.78	118.45	5.32	23.250		
900.00	895.62	900.73	900.56	3.16	2.99	-150.95	-87.32	-6.51	137.22	131.15	6.06	22.625		
1,000.00	993.06	1,002.85	1,002.28	3.63	3.36	-152.40	-83.92	-14.80	151.67	144.84	6.82	22.232		
1,100.00	1,089.64	1,105.31	1,103.96	4.14	3.75	-153.16	-79.14	-26.49	166.98	159.38	7.60	21.972		
1,200.00	1,185.27	1,208.10	1,205.44	4.70	4.15	-153.40	-72.95	-41.59	183.10	174.69	8.41	21.778		
1,300.00	1,279.82	1,311.19	1,306.56	5.30	4.58	-153.24	-65.37	-60.11	199.97	190.72	9.25	21.615		
1,400.00	1,373.17	1,414.54	1,407.15	5.96	5.05	-152.75	-56.39	-82.04	217.59	207.44	10.14	21.454		
1,500.00	1,465.21	1,518.12	1,507.05	6.67	5.55	-152.02	-46.01	-107.37	235.96	224.86	11.09	21.272		
1,600.00	1,555.84	1,621.92	1,606.09	7.44	6.11	-151.10	-34.25	-136.10	255.09	242.98	12.11	21.058		
1,700.00	1,645.41	1,726.06	1,704.26	8.26	6.72	-150.07	-21.09	-168.23	274.12	260.90	13.22	20.737		
1,800.00	1,734.94	1,828.20	1,799.36	9.09	7.37	-148.70	-6.97	-202.72	291.28	276.87	14.41	20.211		
1,900.00	1,824.47	1,926.54	1,890.67	9.94	8.03	-147.43	6.87	-236.50	308.18	292.53	15.65	19.693		
2,000.00	1,913.99	2,024.88	1,981.99	10.80	8.71	-146.30	20.70	-270.29	325.21	308.29	16.93	19.215		
2,100.00	2,003.52	2,123.23	2,073.30	11.66	9.40	-145.27	34.54	-304.08	342.36	324.13	18.23	18.777		
2,200.00	2,093.05	2,221.57	2,164.62	12.53	10.10	-144.35	48.37	-337.87	359.60	340.04	19.57	18.379		
2,300.00	2,182.58	2,319.91	2,255.93	13.40	10.81	-143.51	62.21	-371.65	376.93	356.00	20.92	18.016		
2,400.00	2,272.11	2,418.26	2,347.25	14.28	11.53	-142.74	76.05	-405.44	394.32	372.03	22.30	17.685		
2,500.00	2,361.63	2,516.60	2,438.56	15.16	12.25	-142.04	89.88	-439.23	411.78	388.10	23.69	17.384		
2,600.00	2,451.16	2,614.94	2,529.88	16.04	12.98	-141.39	103.72	-473.02	429.30	404.21	25.09	17.109		
2,700.00	2,540.69	2,713.29	2,621.19	16.92	13.72	-140.79	117.55	-506.80	446.86	420.35	26.51	16.858		
2,800.00	2,630.22	2,811.63	2,712.51	17.81	14.45	-140.24	131.39	-540.59	464.47	436.53	27.93	16.627		
2,900.00	2,719.75	2,909.97	2,803.82	18.70	15.19	-139.73	145.23	-574.38	482.11	452.74	29.37	16.416		
3,000.00	2,809.28	3,008.32	2,895.14	19.58	15.94	-139.26	159.06	-608.17	499.79	468.98	30.81	16.221		
3,100.00	2,898.80	3,106.66	2,986.45	20.47	16.68	-138.82	172.90	-641.95	517.51	485.24	32.26	16.041		
3,200.00	2,988.33	3,205.00	3,077.76	21.36	17.43	-138.41	186.73	-675.74	535.24	501.53	33.72	15.874		
3,300.00	3,077.86	3,303.35	3,169.08	22.26	18.18	-138.02	200.57	-709.53	553.01	517.83	35.18	15.720		
3,400.00	3,167.39	3,401.69	3,260.39	23.15	18.93	-137.66	214.41	-743.32	570.80	534.15	36.64	15.576		
3,500.00	3,256.92	3,500.03	3,351.71	24.04	19.68	-137.32	228.24	-777.10	588.60	550.49	38.11	15.443		
3,600.00	3,346.44	3,601.62	3,443.02	24.93	20.46	-137.00	242.08	-810.89	606.43	566.82	39.61	15.309		
3,700.00	3,435.97	3,703.28	3,534.34	25.83	21.24	-136.70	255.91	-844.68	624.27	583.16	41.11	15.184		
3,800.00	3,525.50	3,804.94	3,625.65	26.72	22.02	-136.41	269.75	-878.47	642.13	599.52	42.62	15.067		
3,900.00	3,615.03	3,906.59	3,716.97	27.62	22.80	-136.14	283.59	-912.25	660.01	615.88	44.13	14.958		
4,000.00	3,704.56	4,008.25	3,808.28	28.51	23.58	-135.89	297.42	-946.04	677.90	632.26	45.63	14.855		
4,100.00	3,794.09	4,109.91	3,899.60	29.41	24.37	-135.64	311.26	-979.83	695.80	648.65	47.15	14.758		
4,200.00	3,883.61	4,188.44	3,990.91	30.30	24.97	-135.41	325.09	-1,013.62	713.71	665.21	48.49	14.718		
4,300.00	3,973.14	4,286.78	4,082.23	31.20	25.73	-135.19	338.93	-1,047.40	731.63	681.65	49.98	14.637		
4,400.00	4,062.67	4,385.12	4,173.54	32.10	26.49	-134.99	352.77	-1,081.19	749.56	698.08	51.48	14.561		
4,500.00	4,152.20	4,483.47	4,264.86	32.99	27.25	-134.79	366.60	-1,114.98	767.50	714.53	52.97	14.488		
4,600.00	4,241.73	4,581.81	4,356.17	33.89	28.01	-134.60	380.44	-1,148.77	785.45	730.98	54.47	14.420		
4,700.00	4,331.26	4,680.15	4,447.49	34.79	28.77	-134.42	394.27	-1,182.55	803.41	747.44	55.97	14.355		
4,800.00	4,420.78	4,778.50	4,538.80	35.69	29.53	-134.24	408.11	-1,216.34	821.38	763.91	57.47	14.293		
4,900.00	4,510.31	4,876.84	4,630.12	36.58	30.29	-134.08	421.95	-1,250.13	839.35	780.38	58.97	14.234		
5,000.00	4,599.84	4,975.18	4,721.43	37.48	31.06	-133.92	435.78	-1,283.92	857.33	796.86	60.47	14.178		
5,100.00	4,689.37	5,073.53	4,812.74	38.38	31.82	-133.77	449.62	-1,317.70	875.31	813.34	61.97	14.124		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,171.87	4,904.06	39.28	32.58	-133.62	463.45	-1,351.49	893.30	829.83	63.48	14.073		
5,300.00	4,868.42	5,270.21	4,995.37	40.18	33.34	-133.48	477.29	-1,385.28	911.30	846.32	64.98	14.024		
5,400.00	4,957.95	5,368.56	5,086.69	41.07	34.11	-133.34	491.13	-1,419.07	929.30	862.81	66.49	13.977		
5,500.00	5,047.48	5,466.90	5,178.00	41.97	34.87	-133.21	504.96	-1,452.85	947.30	879.31	67.99	13.933		
5,600.00	5,137.01	5,565.24	5,269.32	42.87	35.63	-133.09	518.80	-1,486.64	965.32	895.82	69.50	13.890		
5,700.00	5,226.54	5,663.59	5,360.63	43.77	36.40	-132.97	532.64	-1,520.43	983.33	912.32	71.01	13.848		
5,800.00	5,316.07	5,761.93	5,451.95	44.67	37.16	-132.85	546.47	-1,554.22	1,001.35	928.83	72.51	13.809		
5,900.00	5,405.59	5,860.27	5,543.26	45.57	37.92	-132.74	560.31	-1,588.00	1,019.37	945.35	74.02	13.771		
6,000.00	5,495.12	5,958.62	5,634.58	46.47	38.69	-132.63	574.14	-1,621.79	1,037.40	961.87	75.53	13.734		
6,100.00	5,584.65	6,056.96	5,725.89	47.37	39.45	-132.53	587.98	-1,655.58	1,055.43	978.39	77.04	13.699		
6,200.00	5,674.18	6,155.30	5,817.21	48.27	40.22	-132.43	601.82	-1,689.37	1,073.46	994.91	78.55	13.666		
6,300.00	5,763.71	6,253.65	5,908.52	49.16	40.98	-132.33	615.65	-1,723.15	1,091.50	1,011.43	80.06	13.633		
6,400.00	5,853.23	6,351.99	5,999.84	50.06	41.74	-132.24	629.49	-1,756.94	1,109.54	1,027.96	81.57	13.602		
6,500.00	5,942.76	6,450.33	6,091.15	50.96	42.51	-132.14	643.32	-1,790.73	1,127.58	1,044.49	83.09	13.571		
6,600.00	6,032.29	6,548.68	6,182.47	51.86	43.27	-132.06	657.16	-1,824.51	1,145.62	1,061.02	84.60	13.542		
6,700.00	6,121.82	6,647.02	6,273.78	52.76	44.04	-131.97	671.00	-1,858.30	1,163.67	1,077.56	86.11	13.514		
6,800.00	6,211.35	6,745.36	6,365.10	53.66	44.80	-131.89	684.83	-1,892.09	1,181.72	1,094.10	87.62	13.486		
6,900.00	6,300.88	6,843.71	6,456.41	54.56	45.57	-131.81	698.67	-1,925.88	1,199.77	1,110.63	89.14	13.460		
7,000.00	6,390.40	6,932.98	6,537.36	55.46	46.36	-131.49	710.96	-1,961.24	1,218.14	1,127.39	90.75	13.423		
7,100.00	6,479.90	7,016.91	6,607.72	56.36	47.29	-128.70	721.70	-2,005.58	1,237.53	1,144.76	92.77	13.340		
7,200.00	6,565.62	7,097.10	6,668.27	57.41	48.37	-114.85	731.01	-2,057.23	1,256.85	1,161.83	95.02	13.227		
7,300.00	6,643.25	7,175.49	6,720.00	58.67	49.58	-105.71	739.03	-2,115.50	1,274.63	1,177.17	97.46	13.078		
7,400.00	6,710.45	7,252.53	6,762.71	60.11	50.90	-99.46	745.71	-2,179.19	1,290.19	1,190.16	100.03	12.898		
7,500.00	6,765.16	7,328.58	6,796.22	61.71	52.32	-95.15	751.04	-2,247.19	1,302.96	1,200.23	102.73	12.683		
7,600.00	6,805.74	7,403.95	6,820.35	63.40	53.79	-92.29	754.98	-2,318.42	1,312.49	1,206.99	105.50	12.441		
7,700.00	6,830.93	7,478.86	6,834.97	65.14	55.30	-90.63	757.51	-2,391.80	1,318.43	1,210.12	108.31	12.173		
7,800.00	6,839.98	7,557.63	6,840.00	66.86	56.90	-90.05	758.60	-2,465.67	1,320.60	1,209.42	111.18	11.878		
7,900.00	6,840.00	7,652.96	6,840.00	68.58	58.86	-90.04	759.05	-2,565.67	1,320.59	1,205.32	115.27	11.457		
8,000.00	6,840.00	7,752.96	6,840.00	70.35	60.97	-90.04	759.51	-2,665.67	1,320.57	1,201.02	119.55	11.046		
8,100.00	6,840.00	7,852.96	6,840.00	72.18	63.11	-90.04	759.96	-2,765.67	1,320.55	1,196.63	123.92	10.656		
8,200.00	6,840.00	7,952.96	6,840.00	74.06	65.30	-90.04	760.42	-2,865.66	1,320.54	1,192.16	128.38	10.287		
8,300.00	6,840.00	8,052.96	6,840.00	75.98	67.53	-90.04	760.87	-2,965.66	1,320.52	1,187.62	132.90	9.936		
8,400.00	6,840.00	8,152.96	6,840.00	77.96	69.79	-90.04	761.32	-3,065.66	1,320.50	1,183.01	137.50	9.604		
8,500.00	6,840.00	8,252.96	6,840.00	79.97	72.09	-90.04	761.78	-3,165.66	1,320.49	1,178.34	142.15	9.289		
8,600.00	6,840.00	8,352.96	6,840.00	82.03	74.41	-90.04	762.23	-3,265.66	1,320.47	1,173.61	146.86	8.991		
8,700.00	6,840.00	8,452.96	6,840.00	84.12	76.76	-90.04	762.69	-3,365.66	1,320.45	1,168.84	151.61	8.709		
8,800.00	6,840.00	8,552.96	6,840.00	86.25	79.13	-90.04	763.14	-3,465.66	1,320.43	1,164.02	156.41	8.442		
8,900.00	6,840.00	8,652.96	6,840.00	88.41	81.53	-90.04	763.60	-3,565.66	1,320.42	1,159.16	161.26	8.188		
9,000.00	6,840.00	8,752.96	6,840.00	90.60	83.94	-90.04	764.05	-3,665.66	1,320.40	1,154.26	166.14	7.948		
9,100.00	6,840.00	8,852.96	6,840.00	92.82	86.37	-90.04	764.51	-3,765.65	1,320.38	1,149.34	171.05	7.719		
9,200.00	6,840.00	8,952.96	6,840.00	95.07	88.82	-90.04	764.96	-3,865.65	1,320.37	1,144.37	175.99	7.502		
9,300.00	6,840.00	9,052.96	6,840.00	97.34	91.29	-90.04	765.42	-3,965.65	1,320.35	1,139.39	180.96	7.296		
9,400.00	6,840.00	9,152.96	6,840.00	99.64	93.76	-90.04	765.87	-4,065.65	1,320.33	1,134.37	185.96	7.100		
9,500.00	6,840.00	9,252.96	6,840.00	101.95	96.26	-90.04	766.32	-4,165.65	1,320.31	1,129.33	190.98	6.913		
9,600.00	6,840.00	9,352.96	6,840.00	104.29	98.76	-90.04	766.78	-4,265.65	1,320.30	1,124.27	196.03	6.735		
9,700.00	6,840.00	9,452.96	6,840.00	106.64	101.28	-90.04	767.23	-4,365.65	1,320.28	1,119.19	201.09	6.566		
9,800.00	6,840.00	9,552.96	6,840.00	109.02	103.80	-90.04	767.69	-4,465.65	1,320.26	1,114.09	206.18	6.404		
9,900.00	6,840.00	9,652.96	6,840.00	111.41	106.34	-90.04	768.14	-4,565.65	1,320.25	1,108.97	211.28	6.249		
10,000.00	6,840.00	9,752.96	6,840.00	113.81	108.88	-90.04	768.60	-4,665.65	1,320.23	1,103.83	216.40	6.101		
10,100.00	6,840.00	9,852.96	6,840.00	116.23	111.44	-90.04	769.05	-4,765.64	1,320.21	1,098.68	221.53	5.959		
10,200.00	6,840.00	9,952.96	6,840.00	118.67	114.00	-90.04	769.51	-4,865.64	1,320.19	1,093.52	226.68	5.824		
10,300.00	6,840.00	10,052.96	6,840.00	121.11	116.56	-90.04	769.96	-4,965.64	1,320.18	1,088.34	231.84	5.694		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,152.96	6,840.00	123.57	119.14	-90.04	770.42	-5,065.64	1,320.16	1,083.15	237.01	5.570		
10,500.00	6,840.00	10,252.96	6,840.00	126.04	121.72	-90.04	770.87	-5,165.64	1,320.14	1,077.94	242.20	5.451		
10,600.00	6,840.00	10,352.96	6,840.00	128.52	124.31	-90.04	771.32	-5,265.64	1,320.13	1,072.73	247.40	5.336		
10,700.00	6,840.00	10,452.96	6,840.00	131.01	126.90	-90.04	771.78	-5,365.64	1,320.11	1,067.51	252.60	5.226		
10,800.00	6,840.00	10,552.96	6,840.00	133.51	129.50	-90.04	772.23	-5,465.64	1,320.09	1,062.27	257.82	5.120		
10,900.00	6,840.00	10,652.96	6,840.00	136.02	132.10	-90.04	772.69	-5,565.64	1,320.08	1,057.03	263.04	5.018		
11,000.00	6,840.00	10,752.96	6,840.00	138.53	134.71	-90.04	773.14	-5,665.64	1,320.06	1,051.78	268.28	4.921		
11,100.00	6,840.00	10,852.96	6,840.00	141.06	137.32	-90.04	773.60	-5,765.63	1,320.04	1,046.52	273.52	4.826		
11,200.00	6,840.00	10,952.96	6,840.00	143.59	139.94	-90.04	774.05	-5,865.63	1,320.02	1,041.26	278.77	4.735		
11,300.00	6,840.00	11,052.96	6,840.00	146.13	142.56	-90.04	774.51	-5,965.63	1,320.01	1,035.98	284.02	4.648		
11,400.00	6,840.00	11,152.96	6,840.00	148.68	145.18	-90.04	774.96	-6,065.63	1,319.99	1,030.70	289.29	4.563		
11,500.00	6,840.00	11,252.96	6,840.00	151.23	147.81	-90.04	775.41	-6,165.63	1,319.97	1,025.42	294.56	4.481		
11,600.00	6,840.00	11,352.96	6,840.00	153.79	150.44	-90.04	775.87	-6,265.63	1,319.96	1,020.12	299.83	4.402		
11,700.00	6,840.00	11,452.96	6,840.00	156.35	153.07	-90.04	776.32	-6,365.63	1,319.94	1,014.82	305.11	4.326		
11,800.00	6,840.00	11,552.96	6,840.00	158.92	155.71	-90.04	776.78	-6,465.63	1,319.92	1,009.52	310.40	4.252		
11,900.00	6,840.00	11,652.96	6,840.00	161.49	158.35	-90.04	777.23	-6,565.63	1,319.90	1,004.21	315.69	4.181		
12,000.00	6,840.00	11,752.96	6,840.00	164.07	160.99	-90.04	777.69	-6,665.62	1,319.89	998.90	320.99	4.112		
12,100.00	6,840.00	11,852.96	6,840.00	166.66	163.63	-90.04	778.14	-6,765.62	1,319.87	993.58	326.29	4.045		
12,200.00	6,840.00	11,952.96	6,840.00	169.25	166.28	-90.04	778.60	-6,865.62	1,319.85	988.25	331.60	3.980		
12,300.00	6,840.00	12,052.96	6,840.00	171.84	168.93	-90.04	779.05	-6,965.62	1,319.84	982.93	336.91	3.917		
12,400.00	6,840.00	12,152.96	6,840.00	174.44	171.58	-90.04	779.51	-7,065.62	1,319.82	977.60	342.22	3.857		
12,500.00	6,840.00	12,252.96	6,840.00	177.04	174.24	-90.04	779.96	-7,165.62	1,319.80	972.26	347.54	3.798		
12,600.00	6,840.00	12,352.96	6,840.00	179.64	176.89	-90.04	780.41	-7,265.62	1,319.78	966.92	352.86	3.740		
12,700.00	6,840.00	12,452.96	6,840.00	182.25	179.55	-90.04	780.87	-7,365.62	1,319.77	961.58	358.19	3.685		
12,800.00	6,840.00	12,552.96	6,840.00	184.86	182.21	-90.04	781.32	-7,465.62	1,319.75	956.23	363.52	3.630		
12,900.00	6,840.00	12,652.96	6,840.00	187.47	184.87	-90.04	781.78	-7,565.62	1,319.73	950.88	368.85	3.578		
13,000.00	6,840.00	12,752.96	6,840.00	190.09	187.54	-90.04	782.23	-7,665.61	1,319.72	945.53	374.19	3.527		
13,100.00	6,840.00	12,852.96	6,840.00	192.71	190.20	-90.04	782.69	-7,765.61	1,319.70	940.17	379.52	3.477		
13,200.00	6,840.00	12,952.96	6,840.00	195.34	192.87	-90.04	783.14	-7,865.61	1,319.68	934.82	384.87	3.429		
13,300.00	6,840.00	13,052.96	6,840.00	197.96	195.53	-90.04	783.60	-7,965.61	1,319.67	929.46	390.21	3.382		
13,400.00	6,840.00	13,152.96	6,840.00	200.59	198.20	-90.04	784.05	-8,065.61	1,319.65	924.09	395.56	3.336		
13,500.00	6,840.00	13,252.96	6,840.00	203.22	200.87	-90.04	784.51	-8,165.61	1,319.63	918.73	400.90	3.292		
13,600.00	6,840.00	13,352.96	6,840.00	205.85	203.55	-90.04	784.96	-8,265.61	1,319.61	913.36	406.26	3.248		
13,700.00	6,840.00	13,452.96	6,840.00	208.49	206.22	-90.04	785.41	-8,365.61	1,319.60	907.99	411.61	3.206		
13,800.00	6,840.00	13,552.96	6,840.00	211.13	208.89	-90.04	785.87	-8,465.61	1,319.58	902.61	416.97	3.165		
13,900.00	6,840.00	13,652.96	6,840.00	213.77	211.57	-90.04	786.32	-8,565.61	1,319.56	897.24	422.32	3.125		
14,000.00	6,840.00	13,752.96	6,840.00	216.41	214.25	-90.04	786.78	-8,665.60	1,319.55	891.86	427.68	3.085		
14,100.00	6,840.00	13,852.96	6,840.00	219.06	216.92	-90.04	787.23	-8,765.60	1,319.53	886.48	433.05	3.047		
14,200.00	6,840.00	13,952.96	6,840.00	221.70	219.60	-90.04	787.69	-8,865.60	1,319.51	881.10	438.41	3.010		
14,300.00	6,840.00	14,052.96	6,840.00	224.35	222.28	-90.04	788.14	-8,965.60	1,319.49	875.72	443.78	2.973		
14,400.00	6,840.00	14,152.96	6,840.00	227.00	224.96	-90.04	788.60	-9,065.60	1,319.48	870.33	449.14	2.938		
14,500.00	6,840.00	14,252.96	6,840.00	229.65	227.65	-90.04	789.05	-9,165.60	1,319.46	864.95	454.51	2.903		
14,600.00	6,840.00	14,352.96	6,840.00	232.30	230.33	-90.04	789.51	-9,265.60	1,319.44	859.56	459.88	2.869		
14,700.00	6,840.00	14,452.96	6,840.00	234.96	233.01	-90.04	789.96	-9,365.60	1,319.43	854.17	465.26	2.836		
14,800.00	6,840.00	14,552.96	6,840.00	237.61	235.70	-90.04	790.41	-9,465.60	1,319.41	848.78	470.63	2.803		
14,900.00	6,840.00	14,652.96	6,840.00	240.27	238.38	-90.04	790.87	-9,565.59	1,319.39	843.39	476.01	2.772		
15,000.00	6,840.00	14,752.96	6,840.00	242.93	241.07	-90.04	791.32	-9,665.59	1,319.37	837.99	481.38	2.741		
15,100.00	6,840.00	14,852.96	6,840.00	245.59	243.75	-90.04	791.78	-9,765.59	1,319.36	832.60	486.76	2.710		
15,200.00	6,840.00	14,952.96	6,840.00	248.25	246.44	-90.04	792.23	-9,865.59	1,319.34	827.20	492.14	2.681		
15,300.00	6,840.00	15,052.96	6,840.00	250.92	249.13	-90.04	792.69	-9,965.59	1,319.32	821.80	497.52	2.652		
15,400.00	6,840.00	15,152.96	6,840.00	253.58	251.82	-90.04	793.14	-10,065.59	1,319.31	816.40	502.90	2.623		
15,500.00	6,840.00	15,252.96	6,840.00	256.25	254.51	-90.04	793.60	-10,165.59	1,319.29	811.00	508.29	2.596		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,352.96	6,840.00	258.91	257.20	-90.04	794.05	-10,265.59	1,319.27	805.60	513.67	2.568		
15,700.00	6,840.00	15,452.96	6,840.00	261.58	259.89	-90.04	794.50	-10,365.59	1,319.26	800.20	519.06	2.542		
15,800.00	6,840.00	15,552.96	6,840.00	264.25	262.58	-90.04	794.96	-10,465.59	1,319.24	794.79	524.45	2.515		
15,900.00	6,840.00	15,652.96	6,840.00	266.92	265.27	-90.04	795.41	-10,565.58	1,319.22	789.39	529.83	2.490		
16,000.00	6,840.00	15,752.96	6,840.00	269.59	267.96	-90.04	795.87	-10,665.58	1,319.20	783.98	535.22	2.465		
16,100.00	6,840.00	15,852.96	6,840.00	272.26	270.66	-90.04	796.32	-10,765.58	1,319.19	778.57	540.61	2.440		
16,200.00	6,840.00	15,952.96	6,840.00	274.94	273.35	-90.04	796.78	-10,865.58	1,319.17	773.17	546.00	2.416		
16,300.00	6,840.00	16,052.96	6,840.00	277.61	276.05	-90.04	797.23	-10,965.58	1,319.15	767.76	551.40	2.392		
16,400.00	6,840.00	16,152.96	6,840.00	280.28	278.74	-90.04	797.69	-11,065.58	1,319.14	762.35	556.79	2.369		
16,500.00	6,840.00	16,252.96	6,840.00	282.96	281.43	-90.04	798.14	-11,165.58	1,319.12	756.94	562.18	2.346		
16,600.00	6,840.00	16,352.96	6,840.00	285.64	284.13	-90.04	798.60	-11,265.58	1,319.10	751.52	567.58	2.324		
16,700.00	6,840.00	16,452.96	6,840.00	288.31	286.83	-90.04	799.05	-11,365.58	1,319.08	746.11	572.97	2.302		
16,800.00	6,840.00	16,552.96	6,840.00	290.99	289.52	-90.04	799.50	-11,465.58	1,319.07	740.70	578.37	2.281		
16,900.00	6,840.00	16,652.96	6,840.00	293.67	292.22	-90.04	799.96	-11,565.57	1,319.05	735.28	583.77	2.260		
17,000.00	6,840.00	16,752.96	6,840.00	296.35	294.92	-90.04	800.41	-11,665.57	1,319.03	729.87	589.17	2.239		
17,100.00	6,840.00	16,852.96	6,840.00	299.03	297.62	-90.04	800.87	-11,765.57	1,319.02	724.45	594.56	2.218		
17,200.00	6,840.00	16,952.96	6,840.00	301.71	300.31	-90.04	801.32	-11,865.57	1,319.00	719.04	599.96	2.198		
17,300.00	6,840.00	17,052.96	6,840.00	304.39	303.01	-90.04	801.78	-11,965.57	1,318.98	713.62	605.36	2.179		
17,400.00	6,840.00	17,152.96	6,840.00	307.08	305.71	-90.04	802.23	-12,065.57	1,318.97	708.20	610.76	2.160		
17,500.00	6,840.00	17,252.96	6,840.00	309.76	308.41	-90.04	802.69	-12,165.57	1,318.95	702.78	616.17	2.141		
17,600.00	6,840.00	17,352.96	6,840.00	312.44	311.11	-90.04	803.14	-12,265.57	1,318.93	697.36	621.57	2.122		
17,700.00	6,840.00	17,452.96	6,840.00	315.13	313.81	-90.04	803.60	-12,365.57	1,318.91	691.94	626.97	2.104		
17,800.00	6,840.00	17,552.96	6,840.00	317.81	316.51	-90.04	804.05	-12,465.57	1,318.90	686.52	632.37	2.086		
17,900.00	6,840.00	17,652.96	6,840.00	320.50	319.21	-90.04	804.50	-12,565.56	1,318.88	681.10	637.78	2.068		
18,000.00	6,840.00	17,752.96	6,840.00	323.19	321.91	-90.04	804.96	-12,665.56	1,318.86	675.68	643.18	2.051		
18,100.00	6,840.00	17,852.96	6,840.00	325.87	324.61	-90.04	805.41	-12,765.56	1,318.85	670.26	648.59	2.033		
18,200.00	6,840.00	17,952.96	6,840.00	328.56	327.31	-90.04	805.87	-12,865.56	1,318.83	664.83	654.00	2.017		
18,300.00	6,840.00	18,052.96	6,840.00	331.25	330.02	-90.04	806.32	-12,965.56	1,318.81	659.41	659.40	2.000		
18,400.00	6,840.00	18,152.96	6,840.00	333.94	332.72	-90.04	806.78	-13,065.56	1,318.79	653.99	664.81	1.984		
18,500.00	6,840.00	18,252.96	6,840.00	336.63	335.42	-90.04	807.23	-13,165.56	1,318.78	648.56	670.22	1.968		
18,600.00	6,840.00	18,352.96	6,840.00	339.32	338.12	-90.04	807.69	-13,265.56	1,318.76	643.14	675.62	1.952		
18,700.00	6,840.00	18,452.96	6,840.00	342.01	340.83	-90.04	808.14	-13,365.56	1,318.74	637.71	681.03	1.936		
18,800.00	6,840.00	18,552.96	6,840.00	344.70	343.53	-90.04	808.60	-13,465.55	1,318.73	632.28	686.44	1.921		
18,900.00	6,840.00	18,652.96	6,840.00	347.39	346.23	-90.04	809.05	-13,565.55	1,318.71	626.86	691.85	1.906		
19,000.00	6,840.00	18,752.96	6,840.00	350.08	348.94	-90.04	809.50	-13,665.55	1,318.69	621.43	697.26	1.891		
19,100.00	6,840.00	18,852.96	6,840.00	352.77	351.64	-90.04	809.96	-13,765.55	1,318.67	616.00	702.67	1.877		
19,200.00	6,840.00	18,952.96	6,840.00	355.46	354.35	-90.04	810.41	-13,865.55	1,318.66	610.58	708.08	1.862		
19,300.00	6,840.00	19,052.96	6,840.00	358.16	357.05	-90.04	810.87	-13,965.55	1,318.64	605.15	713.49	1.848		
19,400.00	6,840.00	19,152.96	6,840.00	360.85	359.76	-90.04	811.32	-14,065.55	1,318.62	599.72	718.91	1.834		
19,500.00	6,840.00	19,252.96	6,840.00	363.54	362.46	-90.04	811.78	-14,165.55	1,318.61	594.29	724.32	1.820		
19,600.00	6,840.00	19,352.96	6,840.00	366.24	365.17	-90.04	812.23	-14,265.55	1,318.59	588.86	729.73	1.807		
19,700.00	6,840.00	19,452.96	6,840.00	368.93	367.87	-90.04	812.69	-14,365.55	1,318.57	583.43	735.14	1.794		
19,800.00	6,840.00	19,552.96	6,840.00	371.63	370.58	-90.04	813.14	-14,465.54	1,318.56	578.00	740.56	1.780		
19,900.00	6,840.00	19,652.96	6,840.00	374.32	373.28	-90.04	813.59	-14,565.54	1,318.54	572.57	745.97	1.768		
20,000.00	6,840.00	19,752.96	6,840.00	377.02	375.99	-90.04	814.05	-14,665.54	1,318.52	567.14	751.38	1.755		
20,100.00	6,840.00	19,852.96	6,840.00	379.71	378.70	-90.04	814.50	-14,765.54	1,318.50	561.70	756.80	1.742		
20,200.00	6,840.00	19,952.96	6,840.00	382.41	381.40	-90.04	814.96	-14,865.54	1,318.49	556.27	762.21	1.730		
20,300.00	6,840.00	20,052.96	6,840.00	385.11	384.11	-90.04	815.41	-14,965.54	1,318.47	550.84	767.63	1.718		
20,400.00	6,840.00	20,152.96	6,840.00	387.80	386.82	-90.04	815.87	-15,065.54	1,318.45	545.41	773.04	1.706		
20,500.00	6,840.00	20,252.96	6,840.00	390.50	389.52	-90.04	816.32	-15,165.54	1,318.44	539.98	778.46	1.694		
20,600.00	6,840.00	20,352.96	6,840.00	393.20	392.23	-90.04	816.78	-15,265.54	1,318.42	534.54	783.88	1.682		
20,688.60	6,840.00	20,441.55	6,840.00	395.59	394.63	-90.04	817.18	-15,354.13	1,318.40	529.73	788.68	1.672 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	20,438.34	6,840.00	395.67	394.54	-90.04	817.16	-15,350.91	1,318.42	529.97	788.45	1.672	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
0.00	0.00	1.00	-1.00	0.00	0.00	-179.86	-112.94	-0.28	112.94					
100.00	100.00	101.00	99.00	0.13	0.14	-179.86	-112.94	-0.28	112.94	112.67	0.27	414.547		
200.00	200.00	201.00	199.00	0.49	0.50	-179.86	-112.94	-0.28	112.94	111.95	0.99	114.151		
300.00	300.00	301.00	299.00	0.85	0.85	-179.86	-112.94	-0.28	112.94	111.23	1.71	66.188 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-135.82	-112.94	-0.28	114.18	111.76	2.42	47.141		
500.00	499.84	501.16	498.84	1.57	1.57	-137.54	-112.94	-0.28	117.99	114.85	3.14	37.549		
600.00	599.45	601.55	598.45	1.94	1.93	-140.16	-112.94	-0.28	124.57	120.70	3.87	32.189		
700.00	698.70	702.30	697.70	2.32	2.29	-143.37	-112.94	-0.28	134.17	129.57	4.61	29.132		
800.00	797.47	796.47	796.47	2.73	2.63	-146.86	-112.94	-0.28	147.06	141.74	5.32	27.622		
900.00	895.62	897.37	897.36	3.16	2.99	-149.93	-112.52	-1.88	162.64	156.57	6.06	26.816		
1,000.00	993.06	998.78	998.62	3.63	3.34	-151.99	-111.20	-6.95	179.82	173.01	6.81	26.396		
1,100.00	1,089.64	1,100.55	1,100.00	4.14	3.71	-153.26	-108.96	-15.52	198.37	190.79	7.58	26.179		
1,200.00	1,185.27	1,202.64	1,201.31	4.70	4.09	-153.89	-105.81	-27.61	218.14	209.77	8.37	26.073		
1,300.00	1,279.82	1,304.99	1,302.38	5.30	4.48	-154.03	-101.74	-43.24	239.05	229.86	9.19	26.021		
1,400.00	1,373.17	1,407.57	1,403.02	5.96	4.91	-153.78	-96.75	-62.39	261.07	251.02	10.05	25.981		
1,500.00	1,465.21	1,510.32	1,503.06	6.67	5.36	-153.23	-90.84	-85.06	284.18	273.22	10.96	25.926		
1,600.00	1,555.84	1,613.19	1,602.32	7.44	5.85	-152.45	-84.02	-111.21	308.39	296.45	11.94	25.836		
1,700.00	1,645.41	1,716.36	1,700.81	8.26	6.40	-151.60	-76.28	-140.89	332.83	319.84	12.99	25.618		
1,800.00	1,734.94	1,820.14	1,798.71	9.09	7.00	-150.39	-67.60	-174.19	355.56	341.43	14.13	25.163		
1,900.00	1,824.47	1,920.24	1,892.12	9.94	7.62	-148.97	-58.52	-209.02	376.92	361.58	15.34	24.571		
2,000.00	1,913.99	2,017.55	1,982.81	10.80	8.26	-147.69	-49.62	-243.17	398.33	381.75	16.58	24.019		
2,100.00	2,003.52	2,114.87	2,073.50	11.66	8.91	-146.55	-40.72	-277.31	419.91	402.05	17.86	23.507		
2,200.00	2,093.05	2,212.19	2,164.20	12.53	9.58	-145.52	-31.82	-311.46	441.63	422.46	19.17	23.036		
2,300.00	2,182.58	2,309.51	2,254.89	13.40	10.25	-144.59	-22.91	-345.61	463.48	442.97	20.50	22.604		
2,400.00	2,272.11	2,406.82	2,345.59	14.28	10.94	-143.74	-14.01	-379.75	485.43	463.57	21.86	22.209		
2,500.00	2,361.63	2,504.14	2,436.28	15.16	11.63	-142.96	-5.11	-413.90	507.48	484.25	23.23	21.847		
2,600.00	2,451.16	2,601.46	2,526.98	16.04	12.33	-142.25	3.79	-448.05	529.61	504.99	24.61	21.516		
2,700.00	2,540.69	2,701.22	2,617.67	16.92	13.06	-141.59	12.69	-482.19	551.81	525.77	26.03	21.198		
2,800.00	2,630.22	2,796.09	2,708.37	17.81	13.75	-140.99	21.60	-516.34	574.07	546.65	27.42	20.933		
2,900.00	2,719.75	2,893.41	2,799.06	18.70	14.46	-140.43	30.50	-550.48	596.39	567.55	28.84	20.677		
3,000.00	2,809.28	3,009.27	2,889.75	19.58	15.32	-139.91	39.40	-584.63	618.76	588.36	30.40	20.353		
3,100.00	2,898.80	3,088.05	2,980.45	20.47	15.90	-139.43	48.30	-618.78	641.18	609.47	31.71	20.223		
3,200.00	2,988.33	3,185.36	3,071.14	21.36	16.62	-138.98	57.20	-652.92	663.63	630.49	33.15	20.021		
3,300.00	3,077.86	3,282.68	3,161.84	22.26	17.35	-138.56	66.10	-687.07	686.13	651.53	34.59	19.834		
3,400.00	3,167.39	3,380.00	3,252.53	23.15	18.07	-138.16	75.01	-721.22	708.65	672.61	36.04	19.660		
3,500.00	3,256.92	3,477.31	3,343.23	24.04	18.80	-137.79	83.91	-755.36	731.21	693.71	37.50	19.498		
3,600.00	3,346.44	3,574.63	3,433.92	24.93	19.53	-137.44	92.81	-789.51	753.79	714.83	38.96	19.347		
3,700.00	3,435.97	3,671.95	3,524.61	25.83	20.26	-137.12	101.71	-823.65	776.40	735.97	40.42	19.206		
3,800.00	3,525.50	3,769.27	3,615.31	26.72	20.99	-136.81	110.61	-857.80	799.03	757.14	41.89	19.074		
3,900.00	3,615.03	3,866.58	3,706.00	27.62	21.72	-136.51	119.51	-891.95	821.68	778.32	43.36	18.950		
4,000.00	3,704.56	3,963.90	3,796.70	28.51	22.46	-136.24	128.42	-926.09	844.35	799.52	44.83	18.834		
4,100.00	3,794.09	4,061.22	3,887.39	29.41	23.19	-135.97	137.32	-960.24	867.04	820.73	46.31	18.724		
4,200.00	3,883.61	4,158.54	3,978.09	30.30	23.93	-135.73	146.22	-994.39	889.74	841.96	47.78	18.621		
4,300.00	3,973.14	4,255.85	4,068.78	31.20	24.66	-135.49	155.12	-1,028.53	912.46	863.20	49.26	18.523		
4,400.00	4,062.67	4,353.17	4,159.47	32.10	25.40	-135.26	164.02	-1,062.68	935.20	884.46	50.74	18.431		
4,500.00	4,152.20	4,450.49	4,250.17	32.99	26.14	-135.05	172.93	-1,096.82	957.95	905.72	52.22	18.343		
4,600.00	4,241.73	4,547.81	4,340.86	33.89	26.88	-134.85	181.83	-1,130.97	980.71	927.00	53.71	18.261		
4,700.00	4,331.26	4,645.12	4,431.56	34.79	27.61	-134.65	190.73	-1,165.12	1,003.48	948.29	55.19	18.182		
4,800.00	4,420.78	4,742.44	4,522.25	35.69	28.35	-134.46	199.63	-1,199.26	1,026.26	969.58	56.68	18.107		
4,900.00	4,510.31	4,839.76	4,612.95	36.58	29.09	-134.29	208.53	-1,233.41	1,049.05	990.89	58.16	18.036		
5,000.00	4,599.84	4,937.07	4,703.64	37.48	29.83	-134.12	217.43	-1,267.56	1,071.85	1,012.20	59.65	17.969		
5,100.00	4,689.37	5,034.39	4,794.33	38.38	30.57	-133.95	226.34	-1,301.70	1,094.66	1,033.52	61.14	17.904		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,131.71	4,885.03	39.28	31.31	-133.79	235.24	-1,335.85	1,117.48	1,054.84	62.63	17.842		
5,300.00	4,868.42	5,229.03	4,975.72	40.18	32.05	-133.64	244.14	-1,369.99	1,140.30	1,076.18	64.12	17.783		
5,400.00	4,957.95	5,326.34	5,066.42	41.07	32.79	-133.50	253.04	-1,404.14	1,163.13	1,097.52	65.61	17.727		
5,500.00	5,047.48	5,423.66	5,157.11	41.97	33.54	-133.36	261.94	-1,438.29	1,185.97	1,118.86	67.11	17.673		
5,600.00	5,137.01	5,520.98	5,247.81	42.87	34.28	-133.23	270.84	-1,472.43	1,208.82	1,140.22	68.60	17.621		
5,700.00	5,226.54	5,618.30	5,338.50	43.77	35.02	-133.10	279.75	-1,506.58	1,231.67	1,161.57	70.09	17.572		
5,800.00	5,316.07	5,715.61	5,429.19	44.67	35.76	-132.97	288.65	-1,540.73	1,254.52	1,182.94	71.59	17.524		
5,900.00	5,405.59	5,812.93	5,519.89	45.57	36.50	-132.85	297.55	-1,574.87	1,277.39	1,204.30	73.08	17.479		
6,000.00	5,495.12	5,910.25	5,610.58	46.47	37.25	-132.74	306.45	-1,609.02	1,300.25	1,225.68	74.58	17.435		
6,100.00	5,584.65	6,007.57	5,701.28	47.37	37.99	-132.63	315.35	-1,643.16	1,323.13	1,247.05	76.07	17.393		
6,200.00	5,674.18	6,104.88	5,791.97	48.27	38.73	-132.52	324.25	-1,677.31	1,346.00	1,268.43	77.57	17.352		
6,300.00	5,763.71	6,202.20	5,882.67	49.16	39.47	-132.41	333.16	-1,711.46	1,368.88	1,289.82	79.07	17.313		
6,400.00	5,853.23	6,299.52	5,973.36	50.06	40.22	-132.31	342.06	-1,745.60	1,391.77	1,311.20	80.57	17.275		
6,500.00	5,942.76	6,403.17	6,064.05	50.96	41.01	-132.21	350.96	-1,779.75	1,414.66	1,332.55	82.11	17.229		
6,600.00	6,032.29	6,494.15	6,154.75	51.86	41.70	-132.12	359.86	-1,813.90	1,437.55	1,353.99	83.56	17.203		
6,700.00	6,121.82	6,608.53	6,245.44	52.76	42.58	-132.03	368.76	-1,848.04	1,460.45	1,375.26	85.19	17.144		
6,800.00	6,211.35	6,688.79	6,336.14	53.66	43.19	-131.94	377.67	-1,882.19	1,483.35	1,396.79	86.56	17.137		
6,900.00	6,300.88	6,786.10	6,426.83	54.56	43.94	-131.85	386.57	-1,916.33	1,506.25	1,418.19	88.06	17.105		
7,000.00	6,390.40	6,878.99	6,512.69	55.46	44.69	-131.70	395.00	-1,950.68	1,529.23	1,439.66	89.57	17.073		
7,100.00	6,479.90	6,965.12	6,587.22	56.36	45.57	-129.15	402.38	-1,993.05	1,552.77	1,461.40	91.38	16.993		
7,200.00	6,565.62	7,048.05	6,652.23	57.41	46.63	-115.19	408.88	-2,044.01	1,575.75	1,482.27	93.49	16.855		
7,300.00	6,643.25	7,129.45	6,708.26	58.67	47.85	-105.95	414.55	-2,102.68	1,596.72	1,500.81	95.90	16.649		
7,400.00	6,710.45	7,209.74	6,754.89	60.11	49.22	-99.61	419.34	-2,167.79	1,614.95	1,516.37	98.58	16.382		
7,500.00	6,765.16	7,289.27	6,791.69	61.71	50.70	-95.23	423.21	-2,238.11	1,629.84	1,528.36	101.48	16.061		
7,600.00	6,805.74	7,368.27	6,818.31	63.40	52.26	-92.32	426.11	-2,312.37	1,640.90	1,536.35	104.55	15.695		
7,700.00	6,830.93	7,446.93	6,834.47	65.14	53.88	-90.63	428.02	-2,389.27	1,647.80	1,540.07	107.72	15.296		
7,800.00	6,839.98	7,528.55	6,840.00	66.86	55.58	-90.04	428.91	-2,467.12	1,650.29	1,539.31	110.98	14.870		
7,900.00	6,840.00	7,625.05	6,840.00	68.58	57.61	-90.03	429.36	-2,567.12	1,650.29	1,535.18	115.10	14.338		
8,000.00	6,840.00	7,725.05	6,840.00	70.35	59.76	-90.03	429.81	-2,667.12	1,650.27	1,530.88	119.39	13.822		
8,100.00	6,840.00	7,825.05	6,840.00	72.18	61.96	-90.03	430.26	-2,767.12	1,650.26	1,526.48	123.77	13.333		
8,200.00	6,840.00	7,925.05	6,840.00	74.06	64.19	-90.03	430.71	-2,867.12	1,650.24	1,522.01	128.24	12.869		
8,300.00	6,840.00	8,025.05	6,840.00	75.98	66.47	-90.03	431.16	-2,967.12	1,650.23	1,517.46	132.77	12.429		
8,400.00	6,840.00	8,125.05	6,840.00	77.96	68.77	-90.03	431.62	-3,067.11	1,650.21	1,512.84	137.37	12.013		
8,500.00	6,840.00	8,225.05	6,840.00	79.97	71.10	-90.03	432.07	-3,167.11	1,650.20	1,508.17	142.03	11.619		
8,600.00	6,840.00	8,325.05	6,840.00	82.03	73.46	-90.03	432.52	-3,267.11	1,650.19	1,503.44	146.74	11.245		
8,700.00	6,840.00	8,425.05	6,840.00	84.12	75.85	-90.03	432.97	-3,367.11	1,650.17	1,498.66	151.51	10.892		
8,800.00	6,840.00	8,525.05	6,840.00	86.25	78.25	-90.03	433.42	-3,467.11	1,650.16	1,493.84	156.31	10.557		
8,900.00	6,840.00	8,625.05	6,840.00	88.41	80.68	-90.03	433.87	-3,567.11	1,650.14	1,488.98	161.16	10.239		
9,000.00	6,840.00	8,725.05	6,840.00	90.60	83.12	-90.03	434.33	-3,667.11	1,650.13	1,484.09	166.04	9.938		
9,100.00	6,840.00	8,825.05	6,840.00	92.82	85.58	-90.03	434.78	-3,767.11	1,650.11	1,479.15	170.96	9.652		
9,200.00	6,840.00	8,925.05	6,840.00	95.07	88.06	-90.03	435.23	-3,867.11	1,650.10	1,474.19	175.91	9.380		
9,300.00	6,840.00	9,025.05	6,840.00	97.34	90.55	-90.03	435.68	-3,967.11	1,650.09	1,469.20	180.88	9.122		
9,400.00	6,840.00	9,125.05	6,840.00	99.64	93.05	-90.03	436.13	-4,067.10	1,650.07	1,464.19	185.89	8.877		
9,500.00	6,840.00	9,225.05	6,840.00	101.95	95.57	-90.03	436.58	-4,167.10	1,650.06	1,459.15	190.91	8.643		
9,600.00	6,840.00	9,325.05	6,840.00	104.29	98.09	-90.03	437.04	-4,267.10	1,650.04	1,454.08	195.96	8.420		
9,700.00	6,840.00	9,425.05	6,840.00	106.64	100.63	-90.03	437.49	-4,367.10	1,650.03	1,449.00	201.03	8.208		
9,800.00	6,840.00	9,525.05	6,840.00	109.02	103.17	-90.03	437.94	-4,467.10	1,650.01	1,443.90	206.11	8.005		
9,900.00	6,840.00	9,625.05	6,840.00	111.41	105.73	-90.03	438.39	-4,567.10	1,650.00	1,438.78	211.22	7.812		
10,000.00	6,840.00	9,725.05	6,840.00	113.81	108.29	-90.03	438.84	-4,667.10	1,649.99	1,433.65	216.34	7.627		
10,100.00	6,840.00	9,825.05	6,840.00	116.23	110.86	-90.03	439.29	-4,767.10	1,649.97	1,428.49	221.48	7.450		
10,200.00	6,840.00	9,925.05	6,840.00	118.67	113.43	-90.03	439.75	-4,867.10	1,649.96	1,423.33	226.63	7.280		
10,300.00	6,840.00	10,025.05	6,840.00	121.11	116.02	-90.03	440.20	-4,967.10	1,649.94	1,418.15	231.79	7.118		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,125.05	6,840.00	123.57	118.61	-90.03	440.65	-5,067.09	1,649.93	1,412.96	236.97	6.963		
10,500.00	6,840.00	10,225.05	6,840.00	126.04	121.20	-90.03	441.10	-5,167.09	1,649.91	1,407.76	242.16	6.813		
10,600.00	6,840.00	10,325.05	6,840.00	128.52	123.80	-90.03	441.55	-5,267.09	1,649.90	1,402.55	247.35	6.670		
10,700.00	6,840.00	10,425.05	6,840.00	131.01	126.41	-90.03	442.01	-5,367.09	1,649.89	1,397.32	252.56	6.533		
10,800.00	6,840.00	10,525.05	6,840.00	133.51	129.02	-90.03	442.46	-5,467.09	1,649.87	1,392.09	257.78	6.400		
10,900.00	6,840.00	10,625.05	6,840.00	136.02	131.63	-90.03	442.91	-5,567.09	1,649.86	1,386.85	263.01	6.273		
11,000.00	6,840.00	10,725.05	6,840.00	138.53	134.25	-90.03	443.36	-5,667.09	1,649.84	1,381.60	268.24	6.151		
11,100.00	6,840.00	10,825.05	6,840.00	141.06	136.87	-90.03	443.81	-5,767.09	1,649.83	1,376.34	273.49	6.033		
11,200.00	6,840.00	10,925.05	6,840.00	143.59	139.50	-90.03	444.26	-5,867.09	1,649.81	1,371.08	278.74	5.919		
11,300.00	6,840.00	11,025.05	6,840.00	146.13	142.13	-90.03	444.72	-5,967.08	1,649.80	1,365.80	284.00	5.809		
11,400.00	6,840.00	11,125.05	6,840.00	148.68	144.76	-90.03	445.17	-6,067.08	1,649.79	1,360.53	289.26	5.703		
11,500.00	6,840.00	11,225.05	6,840.00	151.23	147.40	-90.03	445.62	-6,167.08	1,649.77	1,355.24	294.53	5.601		
11,600.00	6,840.00	11,325.05	6,840.00	153.79	150.04	-90.03	446.07	-6,267.08	1,649.76	1,349.95	299.81	5.503		
11,700.00	6,840.00	11,425.05	6,840.00	156.35	152.68	-90.03	446.52	-6,367.08	1,649.74	1,344.65	305.09	5.407		
11,800.00	6,840.00	11,525.05	6,840.00	158.92	155.33	-90.03	446.97	-6,467.08	1,649.73	1,339.35	310.38	5.315		
11,900.00	6,840.00	11,625.05	6,840.00	161.49	157.97	-90.03	447.43	-6,567.08	1,649.71	1,334.04	315.67	5.226		
12,000.00	6,840.00	11,725.05	6,840.00	164.07	160.62	-90.03	447.88	-6,667.08	1,649.70	1,328.73	320.97	5.140		
12,100.00	6,840.00	11,825.05	6,840.00	166.66	163.28	-90.03	448.33	-6,767.08	1,649.69	1,323.41	326.27	5.056		
12,200.00	6,840.00	11,925.05	6,840.00	169.25	165.93	-90.03	448.78	-6,867.08	1,649.67	1,318.09	331.58	4.975		
12,300.00	6,840.00	12,025.05	6,840.00	171.84	168.59	-90.03	449.23	-6,967.07	1,649.66	1,312.76	336.89	4.897		
12,400.00	6,840.00	12,125.05	6,840.00	174.44	171.25	-90.03	449.68	-7,067.07	1,649.64	1,307.43	342.21	4.821		
12,500.00	6,840.00	12,225.05	6,840.00	177.04	173.91	-90.03	450.14	-7,167.07	1,649.63	1,302.10	347.53	4.747		
12,600.00	6,840.00	12,325.05	6,840.00	179.64	176.57	-90.03	450.59	-7,267.07	1,649.61	1,296.76	352.85	4.675		
12,700.00	6,840.00	12,425.05	6,840.00	182.25	179.23	-90.03	451.04	-7,367.07	1,649.60	1,291.42	358.18	4.606		
12,800.00	6,840.00	12,525.05	6,840.00	184.86	181.90	-90.03	451.49	-7,467.07	1,649.59	1,286.08	363.51	4.538		
12,900.00	6,840.00	12,625.05	6,840.00	187.47	184.57	-90.03	451.94	-7,567.07	1,649.57	1,280.73	368.84	4.472		
13,000.00	6,840.00	12,725.05	6,840.00	190.09	187.24	-90.03	452.40	-7,667.07	1,649.56	1,275.38	374.18	4.408		
13,100.00	6,840.00	12,825.05	6,840.00	192.71	189.91	-90.03	452.85	-7,767.07	1,649.54	1,270.03	379.52	4.346		
13,200.00	6,840.00	12,925.05	6,840.00	195.34	192.58	-90.03	453.30	-7,867.07	1,649.53	1,264.67	384.86	4.286		
13,300.00	6,840.00	13,025.05	6,840.00	197.96	195.25	-90.03	453.75	-7,967.06	1,649.51	1,259.31	390.20	4.227		
13,400.00	6,840.00	13,125.05	6,840.00	200.59	197.92	-90.03	454.20	-8,067.06	1,649.50	1,253.95	395.55	4.170		
13,500.00	6,840.00	13,225.05	6,840.00	203.22	200.60	-90.03	454.65	-8,167.06	1,649.49	1,248.58	400.90	4.114		
13,600.00	6,840.00	13,325.05	6,840.00	205.85	203.28	-90.03	455.11	-8,267.06	1,649.47	1,243.22	406.25	4.060		
13,700.00	6,840.00	13,425.05	6,840.00	208.49	205.95	-90.03	455.56	-8,367.06	1,649.46	1,237.85	411.61	4.007		
13,800.00	6,840.00	13,525.05	6,840.00	211.13	208.63	-90.03	456.01	-8,467.06	1,649.44	1,232.48	416.96	3.956		
13,900.00	6,840.00	13,625.05	6,840.00	213.77	211.31	-90.03	456.46	-8,567.06	1,649.43	1,227.11	422.32	3.906		
14,000.00	6,840.00	13,725.05	6,840.00	216.41	213.99	-90.03	456.91	-8,667.06	1,649.41	1,221.73	427.68	3.857		
14,100.00	6,840.00	13,825.05	6,840.00	219.06	216.68	-90.03	457.36	-8,767.06	1,649.40	1,216.35	433.05	3.809		
14,200.00	6,840.00	13,925.05	6,840.00	221.70	219.36	-90.03	457.82	-8,867.06	1,649.39	1,210.97	438.41	3.762		
14,300.00	6,840.00	14,025.05	6,840.00	224.35	222.04	-90.03	458.27	-8,967.05	1,649.37	1,205.59	443.78	3.717		
14,400.00	6,840.00	14,125.05	6,840.00	227.00	224.73	-90.03	458.72	-9,067.05	1,649.36	1,200.21	449.15	3.672		
14,500.00	6,840.00	14,225.05	6,840.00	229.65	227.41	-90.03	459.17	-9,167.05	1,649.34	1,194.83	454.52	3.629		
14,600.00	6,840.00	14,325.05	6,840.00	232.30	230.10	-90.03	459.62	-9,267.05	1,649.33	1,189.44	459.89	3.586		
14,700.00	6,840.00	14,425.05	6,840.00	234.96	232.79	-90.03	460.07	-9,367.05	1,649.31	1,184.05	465.26	3.545		
14,800.00	6,840.00	14,525.05	6,840.00	237.61	235.47	-90.03	460.53	-9,467.05	1,649.30	1,178.66	470.64	3.504		
14,900.00	6,840.00	14,625.05	6,840.00	240.27	238.16	-90.03	460.98	-9,567.05	1,649.29	1,173.27	476.01	3.465		
15,000.00	6,840.00	14,725.05	6,840.00	242.93	240.85	-90.03	461.43	-9,667.05	1,649.27	1,167.88	481.39	3.426		
15,100.00	6,840.00	14,825.05	6,840.00	245.59	243.54	-90.03	461.88	-9,767.05	1,649.26	1,162.49	486.77	3.388		
15,200.00	6,840.00	14,925.05	6,840.00	248.25	246.23	-90.03	462.33	-9,867.05	1,649.24	1,157.09	492.15	3.351		
15,300.00	6,840.00	15,025.05	6,840.00	250.92	248.92	-90.03	462.78	-9,967.04	1,649.23	1,151.70	497.53	3.315		
15,400.00	6,840.00	15,125.05	6,840.00	253.58	251.61	-90.03	463.24	-10,067.04	1,649.21	1,146.30	502.91	3.279		
15,500.00	6,840.00	15,225.05	6,840.00	256.25	254.31	-90.03	463.69	-10,167.04	1,649.20	1,140.90	508.30	3.245		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,325.05	6,840.00	258.91	257.00	-90.03	464.14	-10,267.04	1,649.19	1,135.50	513.68	3.211		
15,700.00	6,840.00	15,425.05	6,840.00	261.58	259.69	-90.03	464.59	-10,367.04	1,649.17	1,130.10	519.07	3.177		
15,800.00	6,840.00	15,525.05	6,840.00	264.25	262.39	-90.03	465.04	-10,467.04	1,649.16	1,124.70	524.46	3.145		
15,900.00	6,840.00	15,625.05	6,840.00	266.92	265.08	-90.03	465.50	-10,567.04	1,649.14	1,119.30	529.84	3.113		
16,000.00	6,840.00	15,725.05	6,840.00	269.59	267.78	-90.03	465.95	-10,667.04	1,649.13	1,113.89	535.23	3.081		
16,100.00	6,840.00	15,825.05	6,840.00	272.26	270.47	-90.03	466.40	-10,767.04	1,649.11	1,108.49	540.62	3.050		
16,200.00	6,840.00	15,925.05	6,840.00	274.94	273.17	-90.03	466.85	-10,867.04	1,649.10	1,103.08	546.02	3.020		
16,300.00	6,840.00	16,025.05	6,840.00	277.61	275.87	-90.03	467.30	-10,967.03	1,649.09	1,097.68	551.41	2.991		
16,400.00	6,840.00	16,125.05	6,840.00	280.28	278.56	-90.03	467.75	-11,067.03	1,649.07	1,092.27	556.80	2.962		
16,500.00	6,840.00	16,225.05	6,840.00	282.96	281.26	-90.03	468.21	-11,167.03	1,649.06	1,086.86	562.20	2.933		
16,600.00	6,840.00	16,325.05	6,840.00	285.64	283.96	-90.03	468.66	-11,267.03	1,649.04	1,081.45	567.59	2.905		
16,700.00	6,840.00	16,425.05	6,840.00	288.31	286.66	-90.03	469.11	-11,367.03	1,649.03	1,076.04	572.99	2.878		
16,800.00	6,840.00	16,525.05	6,840.00	290.99	289.36	-90.03	469.56	-11,467.03	1,649.01	1,070.63	578.38	2.851		
16,900.00	6,840.00	16,625.05	6,840.00	293.67	292.05	-90.03	470.01	-11,567.03	1,649.00	1,065.22	583.78	2.825		
17,000.00	6,840.00	16,725.05	6,840.00	296.35	294.75	-90.03	470.46	-11,667.03	1,648.99	1,059.81	589.18	2.799		
17,100.00	6,840.00	16,825.05	6,840.00	299.03	297.45	-90.03	470.92	-11,767.03	1,648.97	1,054.39	594.58	2.773		
17,200.00	6,840.00	16,925.05	6,840.00	301.71	300.15	-90.03	471.37	-11,867.02	1,648.96	1,048.98	599.98	2.748		
17,300.00	6,840.00	17,025.05	6,840.00	304.39	302.85	-90.03	471.82	-11,967.02	1,648.94	1,043.56	605.38	2.724		
17,400.00	6,840.00	17,125.05	6,840.00	307.08	305.56	-90.03	472.27	-12,067.02	1,648.93	1,038.15	610.78	2.700		
17,500.00	6,840.00	17,225.05	6,840.00	309.76	308.26	-90.03	472.72	-12,167.02	1,648.91	1,032.73	616.18	2.676		
17,600.00	6,840.00	17,325.05	6,840.00	312.44	310.96	-90.03	473.17	-12,267.02	1,648.90	1,027.31	621.59	2.653		
17,700.00	6,840.00	17,425.05	6,840.00	315.13	313.66	-90.03	473.63	-12,367.02	1,648.89	1,021.90	626.99	2.630		
17,800.00	6,840.00	17,525.05	6,840.00	317.81	316.36	-90.03	474.08	-12,467.02	1,648.87	1,016.48	632.39	2.607		
17,900.00	6,840.00	17,625.05	6,840.00	320.50	319.07	-90.03	474.53	-12,567.02	1,648.86	1,011.06	637.80	2.585		
18,000.00	6,840.00	17,725.05	6,840.00	323.19	321.77	-90.03	474.98	-12,667.02	1,648.84	1,005.64	643.20	2.563		
18,100.00	6,840.00	17,825.05	6,840.00	325.87	324.47	-90.03	475.43	-12,767.02	1,648.83	1,000.22	648.61	2.542		
18,200.00	6,840.00	17,925.05	6,840.00	328.56	327.17	-90.03	475.88	-12,867.01	1,648.81	994.80	654.01	2.521		
18,300.00	6,840.00	18,025.05	6,840.00	331.25	329.88	-90.03	476.34	-12,967.01	1,648.80	989.38	659.42	2.500		
18,400.00	6,840.00	18,125.05	6,840.00	333.94	332.58	-90.03	476.79	-13,067.01	1,648.79	983.96	664.83	2.480		
18,500.00	6,840.00	18,225.05	6,840.00	336.63	335.29	-90.03	477.24	-13,167.01	1,648.77	978.54	670.24	2.460		
18,600.00	6,840.00	18,325.05	6,840.00	339.32	337.99	-90.03	477.69	-13,267.01	1,648.76	973.11	675.64	2.440		
18,700.00	6,840.00	18,425.05	6,840.00	342.01	340.70	-90.03	478.14	-13,367.01	1,648.74	967.69	681.05	2.421		
18,800.00	6,840.00	18,525.05	6,840.00	344.70	343.40	-90.03	478.60	-13,467.01	1,648.73	962.27	686.46	2.402		
18,900.00	6,840.00	18,625.05	6,840.00	347.39	346.11	-90.03	479.05	-13,567.01	1,648.71	956.84	691.87	2.383		
19,000.00	6,840.00	18,725.05	6,840.00	350.08	348.81	-90.03	479.50	-13,667.01	1,648.70	951.42	697.28	2.364		
19,100.00	6,840.00	18,825.05	6,840.00	352.77	351.52	-90.03	479.95	-13,767.01	1,648.69	945.99	702.69	2.346		
19,200.00	6,840.00	18,925.05	6,840.00	355.46	354.22	-90.03	480.40	-13,867.00	1,648.67	940.57	708.10	2.328		
19,300.00	6,840.00	19,025.05	6,840.00	358.16	356.93	-90.03	480.85	-13,967.00	1,648.66	935.14	713.52	2.311		
19,400.00	6,840.00	19,125.05	6,840.00	360.85	359.63	-90.03	481.31	-14,067.00	1,648.64	929.72	718.93	2.293		
19,500.00	6,840.00	19,225.05	6,840.00	363.54	362.34	-90.03	481.76	-14,167.00	1,648.63	924.29	724.34	2.276		
19,600.00	6,840.00	19,325.05	6,840.00	366.24	365.05	-90.03	482.21	-14,267.00	1,648.61	918.86	729.75	2.259		
19,700.00	6,840.00	19,425.05	6,840.00	368.93	367.75	-90.03	482.66	-14,367.00	1,648.60	913.43	735.17	2.242		
19,800.00	6,840.00	19,525.05	6,840.00	371.63	370.46	-90.03	483.11	-14,467.00	1,648.59	908.01	740.58	2.226		
19,900.00	6,840.00	19,625.05	6,840.00	374.32	373.17	-90.03	483.56	-14,567.00	1,648.57	902.58	745.99	2.210		
20,000.00	6,840.00	19,725.05	6,840.00	377.02	375.88	-90.03	484.02	-14,667.00	1,648.56	897.15	751.41	2.194		
20,100.00	6,840.00	19,825.05	6,840.00	379.71	378.58	-90.03	484.47	-14,767.00	1,648.54	891.72	756.82	2.178		
20,200.00	6,840.00	19,925.05	6,840.00	382.41	381.29	-90.03	484.92	-14,866.99	1,648.53	886.29	762.24	2.163		
20,300.00	6,840.00	20,025.05	6,840.00	385.11	384.00	-90.03	485.37	-14,966.99	1,648.51	880.86	767.65	2.147		
20,400.00	6,840.00	20,125.05	6,840.00	387.80	386.71	-90.03	485.82	-15,066.99	1,648.50	875.43	773.07	2.132		
20,500.00	6,840.00	20,225.05	6,840.00	390.50	389.41	-90.03	486.27	-15,166.99	1,648.49	870.00	778.49	2.118		
20,600.00	6,840.00	20,325.05	6,840.00	393.20	392.12	-90.03	486.73	-15,266.99	1,648.47	864.57	783.90	2.103		
20,691.67	6,840.00	20,416.71	6,840.00	395.67	394.61	-90.03	487.14	-15,358.66	1,648.46	859.59	788.87	2.090 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.88	-135.52	-0.28	135.52					
100.00	100.00	101.00	99.00	0.13	0.14	-179.88	-135.52	-0.28	135.52	135.25	0.27	497.438		
200.00	200.00	201.00	199.00	0.49	0.50	-179.88	-135.52	-0.28	135.52	134.53	0.99	136.976		
300.00	300.00	301.00	299.00	0.85	0.85	-179.88	-135.52	-0.28	135.52	133.82	1.71	79.423 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-135.75	-135.52	-0.28	136.77	134.34	2.42	56.464		
500.00	499.84	501.16	498.84	1.57	1.57	-137.18	-135.52	-0.28	140.56	137.42	3.14	44.731		
600.00	599.45	601.55	598.45	1.94	1.93	-139.40	-135.52	-0.28	147.08	143.21	3.87	38.006		
700.00	698.70	702.30	697.70	2.32	2.29	-142.18	-135.52	-0.28	156.56	151.95	4.61	33.988		
800.00	797.47	803.53	796.47	2.73	2.66	-145.27	-135.52	-0.28	169.23	163.88	5.35	31.624		
900.00	895.62	905.38	894.62	3.16	3.02	-148.45	-135.52	-0.28	185.30	179.19	6.10	30.356		
1,000.00	993.06	992.06	992.06	3.63	3.33	-151.53	-135.52	-0.28	204.91	198.10	6.81	30.102		
1,100.00	1,089.64	1,091.85	1,091.83	4.14	3.68	-154.16	-135.36	-1.74	227.50	219.95	7.55	30.115		
1,200.00	1,185.27	1,192.30	1,192.15	4.70	4.03	-155.92	-134.81	-6.69	252.04	243.73	8.31	30.332		
1,300.00	1,279.82	1,293.09	1,292.58	5.30	4.39	-156.96	-133.86	-15.17	278.24	269.16	9.08	30.634		
1,400.00	1,373.17	1,394.15	1,392.91	5.96	4.76	-157.46	-132.52	-27.18	305.98	296.10	9.88	30.966		
1,500.00	1,465.21	1,495.41	1,492.95	6.67	5.15	-157.52	-130.78	-42.75	335.15	324.44	10.71	31.288		
1,600.00	1,555.84	1,596.80	1,592.49	7.44	5.55	-157.24	-128.66	-61.84	365.72	354.14	11.58	31.574		
1,700.00	1,645.41	1,698.55	1,691.65	8.26	5.99	-156.83	-126.13	-84.50	396.77	384.27	12.50	31.735		
1,800.00	1,734.94	1,801.18	1,790.78	9.09	6.47	-156.10	-123.18	-110.90	426.26	412.78	13.48	31.620		
1,900.00	1,824.47	1,904.48	1,889.53	9.94	6.99	-155.03	-119.83	-141.01	454.17	439.64	14.53	31.250		
2,000.00	1,913.99	2,008.18	1,987.50	10.80	7.56	-153.68	-116.06	-174.77	480.63	464.96	15.67	30.665		
2,100.00	2,003.52	2,109.43	2,081.97	11.66	8.17	-152.14	-112.02	-210.96	505.87	488.98	16.89	29.943		
2,200.00	2,093.05	2,205.42	2,171.24	12.53	8.79	-150.75	-108.11	-246.01	531.07	512.94	18.13	29.290		
2,300.00	2,182.58	2,301.40	2,260.52	13.40	9.42	-149.48	-104.21	-281.06	556.54	537.14	19.40	28.681		
2,400.00	2,272.11	2,402.61	2,349.79	14.28	10.10	-148.32	-100.30	-316.12	582.25	561.51	20.74	28.070		
2,500.00	2,361.63	2,506.62	2,439.06	15.16	10.82	-147.26	-96.39	-351.17	608.17	586.04	22.13	27.485		
2,600.00	2,451.16	2,589.36	2,528.33	16.04	11.40	-146.28	-92.48	-386.22	634.26	610.87	23.39	27.116		
2,700.00	2,540.69	2,685.35	2,617.61	16.92	12.08	-145.38	-88.57	-421.27	660.52	635.76	24.76	26.675		
2,800.00	2,630.22	2,781.34	2,706.88	17.81	12.77	-144.55	-84.66	-456.32	686.92	660.77	26.15	26.271		
2,900.00	2,719.75	2,877.32	2,796.15	18.70	13.47	-143.78	-80.75	-491.37	713.44	685.89	27.55	25.898		
3,000.00	2,809.28	2,973.31	2,885.42	19.58	14.17	-143.06	-76.84	-526.42	740.08	711.12	28.96	25.556		
3,100.00	2,898.80	3,069.30	2,974.69	20.47	14.87	-142.40	-72.93	-561.47	766.81	736.43	30.38	25.240		
3,200.00	2,988.33	3,165.28	3,063.97	21.36	15.58	-141.78	-69.02	-596.52	793.64	761.83	31.81	24.948		
3,300.00	3,077.86	3,261.27	3,153.24	22.26	16.29	-141.20	-65.11	-631.58	820.55	787.30	33.25	24.678		
3,400.00	3,167.39	3,357.26	3,242.51	23.15	17.01	-140.65	-61.20	-666.63	847.53	812.83	34.70	24.427		
3,500.00	3,256.92	3,453.24	3,331.78	24.04	17.73	-140.14	-57.30	-701.68	874.58	838.43	36.15	24.195		
3,600.00	3,346.44	3,549.23	3,421.06	24.93	18.45	-139.66	-53.39	-736.73	901.69	864.09	37.60	23.979		
3,700.00	3,435.97	3,645.21	3,510.33	25.83	19.17	-139.21	-49.48	-771.78	928.86	889.79	39.06	23.777		
3,800.00	3,525.50	3,741.20	3,599.60	26.72	19.89	-138.78	-45.57	-806.83	956.07	915.54	40.53	23.589		
3,900.00	3,615.03	3,837.19	3,688.87	27.62	20.62	-138.38	-41.66	-841.88	983.34	941.34	42.00	23.413		
4,000.00	3,704.56	3,933.17	3,778.14	28.51	21.35	-138.00	-37.75	-876.93	1,010.64	967.17	43.47	23.248		
4,100.00	3,794.09	4,029.16	3,867.42	29.41	22.08	-137.63	-33.84	-911.99	1,037.99	993.04	44.95	23.093		
4,200.00	3,883.61	4,125.15	3,956.69	30.30	22.81	-137.29	-29.93	-947.04	1,065.37	1,018.95	46.43	22.948		
4,300.00	3,973.14	4,221.13	4,045.96	31.20	23.54	-136.97	-26.02	-982.09	1,092.79	1,044.88	47.91	22.811		
4,400.00	4,062.67	4,317.12	4,135.23	32.10	24.27	-136.66	-22.11	-1,017.14	1,120.23	1,070.84	49.39	22.682		
4,500.00	4,152.20	4,413.11	4,224.51	32.99	25.00	-136.36	-18.20	-1,052.19	1,147.71	1,096.84	50.87	22.560		
4,600.00	4,241.73	4,509.09	4,313.78	33.89	25.74	-136.08	-14.29	-1,087.24	1,175.21	1,122.85	52.36	22.445		
4,700.00	4,331.26	4,605.08	4,403.05	34.79	26.47	-135.81	-10.39	-1,122.29	1,202.74	1,148.89	53.85	22.336		
4,800.00	4,420.78	4,701.07	4,492.32	35.69	27.21	-135.55	-6.48	-1,157.34	1,230.29	1,174.95	55.34	22.232		
4,900.00	4,510.31	4,802.95	4,581.59	36.58	27.99	-135.31	-2.57	-1,192.39	1,257.87	1,200.99	56.87	22.116		
5,000.00	4,599.84	4,906.96	4,670.87	37.48	28.79	-135.07	1.34	-1,227.45	1,285.46	1,227.03	58.43	22.000		
5,100.00	4,689.37	4,989.02	4,760.14	38.38	29.42	-134.85	5.25	-1,262.50	1,313.07	1,253.26	59.82	21.952		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,085.01	4,849.41	39.28	30.16	-134.63	9.16	-1,297.55	1,340.70	1,279.39	61.31	21.867		
5,300.00	4,868.42	5,181.00	4,938.68	40.18	30.90	-134.43	13.07	-1,332.60	1,368.35	1,305.54	62.81	21.787		
5,400.00	4,957.95	5,276.98	5,027.96	41.07	31.64	-134.23	16.98	-1,367.65	1,396.02	1,331.71	64.30	21.710		
5,500.00	5,047.48	5,372.97	5,117.23	41.97	32.38	-134.03	20.89	-1,402.70	1,423.69	1,357.89	65.80	21.636		
5,600.00	5,137.01	5,468.96	5,206.50	42.87	33.12	-133.85	24.80	-1,437.75	1,451.39	1,384.09	67.30	21.566		
5,700.00	5,226.54	5,564.94	5,295.77	43.77	33.86	-133.67	28.71	-1,472.80	1,479.09	1,410.29	68.80	21.499		
5,800.00	5,316.07	5,660.93	5,385.04	44.67	34.60	-133.50	32.62	-1,507.85	1,506.81	1,436.51	70.30	21.434		
5,900.00	5,405.59	5,756.92	5,474.32	45.57	35.34	-133.34	36.52	-1,542.91	1,534.54	1,462.74	71.80	21.372		
6,000.00	5,495.12	5,852.90	5,563.59	46.47	36.08	-133.18	40.43	-1,577.96	1,562.29	1,488.98	73.30	21.313		
6,100.00	5,584.65	5,948.89	5,652.86	47.37	36.82	-133.03	44.34	-1,613.01	1,590.04	1,515.23	74.80	21.256		
6,200.00	5,674.18	6,044.88	5,742.13	48.27	37.56	-132.88	48.25	-1,648.06	1,617.80	1,541.50	76.31	21.202		
6,300.00	5,763.71	6,140.86	5,831.41	49.16	38.30	-132.74	52.16	-1,683.11	1,645.57	1,567.76	77.81	21.149		
6,400.00	5,853.23	6,236.85	5,920.68	50.06	39.05	-132.60	56.07	-1,718.16	1,673.35	1,594.04	79.31	21.098		
6,500.00	5,942.76	6,332.83	6,009.95	50.96	39.79	-132.46	59.98	-1,753.21	1,701.15	1,620.33	80.82	21.050		
6,600.00	6,032.29	6,428.82	6,099.22	51.86	40.53	-132.34	63.89	-1,788.26	1,728.94	1,646.62	82.32	21.003		
6,700.00	6,121.82	6,524.81	6,188.49	52.76	41.27	-132.21	67.80	-1,823.31	1,756.75	1,672.93	83.82	20.957		
6,800.00	6,211.35	6,620.79	6,277.77	53.66	42.02	-132.09	71.71	-1,858.37	1,784.56	1,699.23	85.33	20.914		
6,900.00	6,300.88	6,716.78	6,367.04	54.56	42.76	-131.97	75.62	-1,893.42	1,812.39	1,725.55	86.84	20.871		
7,000.00	6,390.40	6,812.77	6,456.31	55.46	43.50	-131.86	79.53	-1,928.47	1,840.21	1,751.87	88.34	20.831		
7,100.00	6,479.90	6,904.50	6,539.92	56.36	44.29	-129.59	83.21	-1,965.86	1,868.12	1,778.20	89.92	20.776		
7,200.00	6,565.62	6,993.45	6,614.50	57.41	45.29	-115.52	86.56	-2,014.06	1,894.98	1,803.10	91.88	20.625		
7,300.00	6,643.25	7,081.64	6,680.20	58.67	46.51	-106.18	89.59	-2,072.67	1,919.34	1,825.06	94.28	20.359		
7,400.00	6,710.45	7,169.41	6,735.91	60.11	47.93	-99.76	92.24	-2,140.33	1,940.43	1,843.36	97.07	19.989		
7,500.00	6,765.16	7,257.00	6,780.57	61.71	49.52	-95.31	94.46	-2,215.54	1,957.60	1,857.38	100.22	19.533		
7,600.00	6,805.74	7,344.53	6,813.25	63.40	51.25	-92.36	96.21	-2,296.64	1,970.33	1,866.68	103.65	19.009		
7,700.00	6,830.93	7,432.05	6,833.21	65.14	53.07	-90.64	97.44	-2,381.76	1,978.24	1,870.97	107.27	18.443		
7,800.00	6,839.98	7,521.35	6,840.00	66.86	54.96	-90.03	98.12	-2,468.78	1,981.08	1,870.10	110.98	17.851		
7,900.00	6,840.00	7,619.43	6,840.00	68.58	57.06	-90.03	98.58	-2,568.78	1,981.07	1,865.92	115.14	17.205		
8,000.00	6,840.00	7,719.43	6,840.00	70.35	59.25	-90.03	99.04	-2,668.78	1,981.04	1,861.60	119.45	16.585		
8,100.00	6,840.00	7,819.43	6,840.00	72.18	61.47	-90.03	99.50	-2,768.78	1,981.02	1,857.18	123.84	15.997		
8,200.00	6,840.00	7,919.43	6,840.00	74.06	63.74	-90.03	99.96	-2,868.78	1,981.00	1,852.69	128.31	15.439		
8,300.00	6,840.00	8,019.43	6,840.00	75.98	66.04	-90.03	100.42	-2,968.78	1,980.97	1,848.12	132.85	14.911		
8,400.00	6,840.00	8,119.43	6,840.00	77.96	68.37	-90.03	100.88	-3,068.78	1,980.95	1,843.49	137.46	14.411		
8,500.00	6,840.00	8,219.43	6,840.00	79.97	70.73	-90.03	101.34	-3,168.78	1,980.93	1,838.80	142.13	13.937		
8,600.00	6,840.00	8,319.43	6,840.00	82.03	73.11	-90.03	101.80	-3,268.78	1,980.91	1,834.05	146.85	13.489		
8,700.00	6,840.00	8,419.43	6,840.00	84.12	75.52	-90.03	102.26	-3,368.77	1,980.88	1,829.26	151.62	13.065		
8,800.00	6,840.00	8,519.43	6,840.00	86.25	77.95	-90.03	102.72	-3,468.77	1,980.86	1,824.43	156.43	12.663		
8,900.00	6,840.00	8,619.43	6,840.00	88.41	80.39	-90.03	103.18	-3,568.77	1,980.84	1,819.55	161.29	12.281		
9,000.00	6,840.00	8,719.43	6,840.00	90.60	82.86	-90.03	103.64	-3,668.77	1,980.82	1,814.64	166.18	11.920		
9,100.00	6,840.00	8,819.43	6,840.00	92.82	85.34	-90.03	104.10	-3,768.77	1,980.79	1,809.69	171.10	11.577		
9,200.00	6,840.00	8,919.43	6,840.00	95.07	87.83	-90.03	104.56	-3,868.77	1,980.77	1,804.72	176.05	11.251		
9,300.00	6,840.00	9,019.43	6,840.00	97.34	90.33	-90.03	105.02	-3,968.77	1,980.75	1,799.72	181.03	10.941		
9,400.00	6,840.00	9,119.43	6,840.00	99.64	92.85	-90.03	105.48	-4,068.77	1,980.72	1,794.69	186.04	10.647		
9,500.00	6,840.00	9,219.43	6,840.00	101.95	95.38	-90.03	105.94	-4,168.77	1,980.70	1,789.63	191.07	10.366		
9,600.00	6,840.00	9,319.43	6,840.00	104.29	97.92	-90.03	106.41	-4,268.76	1,980.68	1,784.56	196.12	10.099		
9,700.00	6,840.00	9,419.43	6,840.00	106.64	100.47	-90.03	106.87	-4,368.76	1,980.66	1,779.46	201.19	9.845		
9,800.00	6,840.00	9,519.43	6,840.00	109.02	103.03	-90.03	107.33	-4,468.76	1,980.63	1,774.35	206.28	9.602		
9,900.00	6,840.00	9,619.43	6,840.00	111.41	105.59	-90.03	107.79	-4,568.76	1,980.61	1,769.22	211.39	9.369		
10,000.00	6,840.00	9,719.43	6,840.00	113.81	108.17	-90.03	108.25	-4,668.76	1,980.59	1,764.07	216.51	9.148		
10,100.00	6,840.00	9,819.43	6,840.00	116.23	110.75	-90.03	108.71	-4,768.76	1,980.56	1,758.91	221.65	8.935		
10,200.00	6,840.00	9,919.43	6,840.00	118.67	113.33	-90.03	109.17	-4,868.76	1,980.54	1,753.73	226.81	8.732		
10,300.00	6,840.00	10,019.43	6,840.00	121.11	115.93	-90.03	109.63	-4,968.76	1,980.52	1,748.54	231.97	8.538		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,119.43	6,840.00	123.57	118.52	-90.03	110.09	-5,068.76	1,980.50	1,743.34	237.15	8.351		
10,500.00	6,840.00	10,219.43	6,840.00	126.04	121.13	-90.03	110.55	-5,168.76	1,980.47	1,738.13	242.34	8.172		
10,600.00	6,840.00	10,319.43	6,840.00	128.52	123.74	-90.03	111.01	-5,268.75	1,980.45	1,732.91	247.54	8.000		
10,700.00	6,840.00	10,419.43	6,840.00	131.01	126.35	-90.03	111.47	-5,368.75	1,980.43	1,727.67	252.75	7.835		
10,800.00	6,840.00	10,519.43	6,840.00	133.51	128.97	-90.03	111.93	-5,468.75	1,980.40	1,722.43	257.97	7.677		
10,900.00	6,840.00	10,619.43	6,840.00	136.02	131.59	-90.03	112.39	-5,568.75	1,980.38	1,717.18	263.20	7.524		
11,000.00	6,840.00	10,719.43	6,840.00	138.53	134.22	-90.03	112.85	-5,668.75	1,980.36	1,711.92	268.44	7.377		
11,100.00	6,840.00	10,819.43	6,840.00	141.06	136.85	-90.03	113.31	-5,768.75	1,980.34	1,706.65	273.69	7.236		
11,200.00	6,840.00	10,919.43	6,840.00	143.59	139.48	-90.03	113.77	-5,868.75	1,980.31	1,701.37	278.94	7.099		
11,300.00	6,840.00	11,019.43	6,840.00	146.13	142.11	-90.03	114.23	-5,968.75	1,980.29	1,696.09	284.20	6.968		
11,400.00	6,840.00	11,119.43	6,840.00	148.68	144.75	-90.03	114.69	-6,068.75	1,980.27	1,690.80	289.47	6.841		
11,500.00	6,840.00	11,219.43	6,840.00	151.23	147.40	-90.03	115.15	-6,168.74	1,980.25	1,685.51	294.74	6.719		
11,600.00	6,840.00	11,319.43	6,840.00	153.79	150.04	-90.03	115.61	-6,268.74	1,980.22	1,680.21	300.02	6.600		
11,700.00	6,840.00	11,419.43	6,840.00	156.35	152.69	-90.03	116.07	-6,368.74	1,980.20	1,674.90	305.30	6.486		
11,800.00	6,840.00	11,519.43	6,840.00	158.92	155.34	-90.03	116.53	-6,468.74	1,980.18	1,669.59	310.59	6.376		
11,900.00	6,840.00	11,619.43	6,840.00	161.49	157.99	-90.03	116.99	-6,568.74	1,980.15	1,664.27	315.89	6.269		
12,000.00	6,840.00	11,719.43	6,840.00	164.07	160.65	-90.03	117.45	-6,668.74	1,980.13	1,658.95	321.19	6.165		
12,100.00	6,840.00	11,819.43	6,840.00	166.66	163.30	-90.03	117.91	-6,768.74	1,980.11	1,653.62	326.49	6.065		
12,200.00	6,840.00	11,919.43	6,840.00	169.25	165.96	-90.03	118.37	-6,868.74	1,980.09	1,648.29	331.80	5.968		
12,300.00	6,840.00	12,019.43	6,840.00	171.84	168.62	-90.03	118.83	-6,968.74	1,980.06	1,642.95	337.11	5.874		
12,400.00	6,840.00	12,119.43	6,840.00	174.44	171.29	-90.03	119.29	-7,068.73	1,980.04	1,637.61	342.43	5.782		
12,500.00	6,840.00	12,219.43	6,840.00	177.04	173.95	-90.03	119.75	-7,168.73	1,980.02	1,632.27	347.75	5.694		
12,600.00	6,840.00	12,319.43	6,840.00	179.64	176.62	-90.03	120.21	-7,268.73	1,979.99	1,626.92	353.07	5.608		
12,700.00	6,840.00	12,419.43	6,840.00	182.25	179.29	-90.03	120.67	-7,368.73	1,979.97	1,621.57	358.40	5.524		
12,800.00	6,840.00	12,519.43	6,840.00	184.86	181.95	-90.03	121.13	-7,468.73	1,979.95	1,616.22	363.73	5.443		
12,900.00	6,840.00	12,619.43	6,840.00	187.47	184.63	-90.03	121.59	-7,568.73	1,979.93	1,610.86	369.07	5.365		
13,000.00	6,840.00	12,719.43	6,840.00	190.09	187.30	-90.03	122.05	-7,668.73	1,979.90	1,605.50	374.40	5.288		
13,100.00	6,840.00	12,819.43	6,840.00	192.71	189.97	-90.03	122.51	-7,768.73	1,979.88	1,600.14	379.74	5.214		
13,200.00	6,840.00	12,919.43	6,840.00	195.34	192.65	-90.03	122.97	-7,868.73	1,979.86	1,594.77	385.09	5.141		
13,300.00	6,840.00	13,019.43	6,840.00	197.96	195.32	-90.03	123.43	-7,968.73	1,979.83	1,589.40	390.43	5.071		
13,400.00	6,840.00	13,119.43	6,840.00	200.59	198.00	-90.03	123.89	-8,068.72	1,979.81	1,584.03	395.78	5.002		
13,500.00	6,840.00	13,219.43	6,840.00	203.22	200.68	-90.03	124.35	-8,168.72	1,979.79	1,578.66	401.13	4.936		
13,600.00	6,840.00	13,319.43	6,840.00	205.85	203.36	-90.03	124.81	-8,268.72	1,979.77	1,573.28	406.48	4.870		
13,700.00	6,840.00	13,419.43	6,840.00	208.49	206.04	-90.03	125.28	-8,368.72	1,979.74	1,567.90	411.84	4.807		
13,800.00	6,840.00	13,519.43	6,840.00	211.13	208.72	-90.03	125.74	-8,468.72	1,979.72	1,562.52	417.20	4.745		
13,900.00	6,840.00	13,619.43	6,840.00	213.77	211.40	-90.03	126.20	-8,568.72	1,979.70	1,557.14	422.56	4.685		
14,000.00	6,840.00	13,719.43	6,840.00	216.41	214.09	-90.03	126.66	-8,668.72	1,979.68	1,551.76	427.92	4.626		
14,100.00	6,840.00	13,819.43	6,840.00	219.06	216.77	-90.03	127.12	-8,768.72	1,979.65	1,546.37	433.28	4.569		
14,200.00	6,840.00	13,919.43	6,840.00	221.70	219.46	-90.03	127.58	-8,868.72	1,979.63	1,540.98	438.65	4.513		
14,300.00	6,840.00	14,019.43	6,840.00	224.35	222.14	-90.03	128.04	-8,968.71	1,979.61	1,535.59	444.01	4.458		
14,400.00	6,840.00	14,119.43	6,840.00	227.00	224.83	-90.03	128.50	-9,068.71	1,979.58	1,530.20	449.38	4.405		
14,500.00	6,840.00	14,219.43	6,840.00	229.65	227.52	-90.03	128.96	-9,168.71	1,979.56	1,524.81	454.75	4.353		
14,600.00	6,840.00	14,319.43	6,840.00	232.30	230.21	-90.03	129.42	-9,268.71	1,979.54	1,519.41	460.13	4.302		
14,700.00	6,840.00	14,419.43	6,840.00	234.96	232.90	-90.03	129.88	-9,368.71	1,979.52	1,514.02	465.50	4.252		
14,800.00	6,840.00	14,519.43	6,840.00	237.61	235.59	-90.03	130.34	-9,468.71	1,979.49	1,508.62	470.87	4.204		
14,900.00	6,840.00	14,619.43	6,840.00	240.27	238.28	-90.03	130.80	-9,568.71	1,979.47	1,503.22	476.25	4.156		
15,000.00	6,840.00	14,719.43	6,840.00	242.93	240.97	-90.03	131.26	-9,668.71	1,979.45	1,497.82	481.63	4.110		
15,100.00	6,840.00	14,819.43	6,840.00	245.59	243.66	-90.03	131.72	-9,768.71	1,979.42	1,492.42	487.01	4.064		
15,200.00	6,840.00	14,919.43	6,840.00	248.25	246.35	-90.03	132.18	-9,868.71	1,979.40	1,487.01	492.39	4.020		
15,300.00	6,840.00	15,019.43	6,840.00	250.92	249.04	-90.03	132.64	-9,968.70	1,979.38	1,481.61	497.77	3.976		
15,400.00	6,840.00	15,119.43	6,840.00	253.58	251.74	-90.03	133.10	-10,068.70	1,979.36	1,476.20	503.16	3.934		
15,500.00	6,840.00	15,219.43	6,840.00	256.25	254.43	-90.03	133.56	-10,168.70	1,979.33	1,470.79	508.54	3.892		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,319.43	6,840.00	258.91	257.13	-90.03	134.02	-10,268.70	1,979.31	1,465.38	513.93	3.851		
15,700.00	6,840.00	15,419.43	6,840.00	261.58	259.82	-90.03	134.48	-10,368.70	1,979.29	1,459.97	519.31	3.811		
15,800.00	6,840.00	15,519.43	6,840.00	264.25	262.52	-90.03	134.94	-10,468.70	1,979.26	1,454.56	524.70	3.772		
15,900.00	6,840.00	15,619.43	6,840.00	266.92	265.21	-90.03	135.40	-10,568.70	1,979.24	1,449.15	530.09	3.734		
16,000.00	6,840.00	15,719.43	6,840.00	269.59	267.91	-90.03	135.86	-10,668.70	1,979.22	1,443.74	535.48	3.696		
16,100.00	6,840.00	15,819.43	6,840.00	272.26	270.61	-90.03	136.32	-10,768.70	1,979.20	1,438.33	540.87	3.659		
16,200.00	6,840.00	15,919.43	6,840.00	274.94	273.31	-90.03	136.78	-10,868.69	1,979.17	1,432.91	546.26	3.623		
16,300.00	6,840.00	16,019.43	6,840.00	277.61	276.00	-90.03	137.24	-10,968.69	1,979.15	1,427.50	551.66	3.588		
16,400.00	6,840.00	16,119.43	6,840.00	280.28	278.70	-90.03	137.70	-11,068.69	1,979.13	1,422.08	557.05	3.553		
16,500.00	6,840.00	16,219.43	6,840.00	282.96	281.40	-90.03	138.16	-11,168.69	1,979.11	1,416.66	562.44	3.519		
16,600.00	6,840.00	16,319.43	6,840.00	285.64	284.10	-90.03	138.62	-11,268.69	1,979.08	1,411.24	567.84	3.485		
16,700.00	6,840.00	16,419.43	6,840.00	288.31	286.80	-90.03	139.08	-11,368.69	1,979.06	1,405.82	573.24	3.452		
16,800.00	6,840.00	16,519.43	6,840.00	290.99	289.50	-90.03	139.54	-11,468.69	1,979.04	1,400.40	578.63	3.420		
16,900.00	6,840.00	16,619.43	6,840.00	293.67	292.20	-90.03	140.00	-11,568.69	1,979.01	1,394.98	584.03	3.389		
17,000.00	6,840.00	16,719.43	6,840.00	296.35	294.90	-90.03	140.46	-11,668.69	1,978.99	1,389.56	589.43	3.357		
17,100.00	6,840.00	16,819.43	6,840.00	299.03	297.60	-90.03	140.92	-11,768.69	1,978.97	1,384.14	594.83	3.327		
17,200.00	6,840.00	16,919.43	6,840.00	301.71	300.31	-90.03	141.38	-11,868.68	1,978.95	1,378.72	600.23	3.297		
17,300.00	6,840.00	17,019.43	6,840.00	304.39	303.01	-90.03	141.84	-11,968.68	1,978.92	1,373.29	605.63	3.268		
17,400.00	6,840.00	17,119.43	6,840.00	307.08	305.71	-90.03	142.30	-12,068.68	1,978.90	1,367.87	611.03	3.239		
17,500.00	6,840.00	17,219.43	6,840.00	309.76	308.41	-90.03	142.76	-12,168.68	1,978.88	1,362.44	616.43	3.210		
17,600.00	6,840.00	17,319.43	6,840.00	312.44	311.11	-90.03	143.22	-12,268.68	1,978.85	1,357.02	621.84	3.182		
17,700.00	6,840.00	17,419.43	6,840.00	315.13	313.82	-90.03	143.68	-12,368.68	1,978.83	1,351.59	627.24	3.155		
17,800.00	6,840.00	17,519.43	6,840.00	317.81	316.52	-90.03	144.15	-12,468.68	1,978.81	1,346.16	632.65	3.128		
17,900.00	6,840.00	17,619.43	6,840.00	320.50	319.22	-90.03	144.61	-12,568.68	1,978.79	1,340.74	638.05	3.101		
18,000.00	6,840.00	17,719.43	6,840.00	323.19	321.93	-90.03	145.07	-12,668.68	1,978.76	1,335.31	643.46	3.075		
18,100.00	6,840.00	17,819.43	6,840.00	325.87	324.63	-90.03	145.53	-12,768.67	1,978.74	1,329.88	648.86	3.050		
18,200.00	6,840.00	17,919.43	6,840.00	328.56	327.34	-90.03	145.99	-12,868.67	1,978.72	1,324.45	654.27	3.024		
18,300.00	6,840.00	18,019.43	6,840.00	331.25	330.04	-90.03	146.45	-12,968.67	1,978.69	1,319.02	659.67	3.000		
18,400.00	6,840.00	18,119.43	6,840.00	333.94	332.75	-90.03	146.91	-13,068.67	1,978.67	1,313.59	665.08	2.975		
18,500.00	6,840.00	18,219.43	6,840.00	336.63	335.45	-90.03	147.37	-13,168.67	1,978.65	1,308.16	670.49	2.951		
18,600.00	6,840.00	18,319.43	6,840.00	339.32	338.16	-90.03	147.83	-13,268.67	1,978.63	1,302.73	675.90	2.927		
18,700.00	6,840.00	18,419.43	6,840.00	342.01	340.86	-90.03	148.29	-13,368.67	1,978.60	1,297.30	681.31	2.904		
18,800.00	6,840.00	18,519.43	6,840.00	344.70	343.57	-90.03	148.75	-13,468.67	1,978.58	1,291.86	686.72	2.881		
18,900.00	6,840.00	18,619.43	6,840.00	347.39	346.28	-90.03	149.21	-13,568.67	1,978.56	1,286.43	692.13	2.859		
19,000.00	6,840.00	18,719.43	6,840.00	350.08	348.98	-90.03	149.67	-13,668.66	1,978.54	1,281.00	697.54	2.836		
19,100.00	6,840.00	18,819.43	6,840.00	352.77	351.69	-90.03	150.13	-13,768.66	1,978.51	1,275.56	702.95	2.815		
19,200.00	6,840.00	18,919.43	6,840.00	355.46	354.39	-90.03	150.59	-13,868.66	1,978.49	1,270.13	708.36	2.793		
19,300.00	6,840.00	19,019.43	6,840.00	358.16	357.10	-90.03	151.05	-13,968.66	1,978.47	1,264.69	713.77	2.772		
19,400.00	6,840.00	19,119.43	6,840.00	360.85	359.81	-90.03	151.51	-14,068.66	1,978.44	1,259.26	719.18	2.751		
19,500.00	6,840.00	19,219.43	6,840.00	363.54	362.52	-90.03	151.97	-14,168.66	1,978.42	1,253.82	724.60	2.730		
19,600.00	6,840.00	19,319.43	6,840.00	366.24	365.22	-90.03	152.43	-14,268.66	1,978.40	1,248.39	730.01	2.710		
19,700.00	6,840.00	19,419.43	6,840.00	368.93	367.93	-90.03	152.89	-14,368.66	1,978.38	1,242.95	735.42	2.690		
19,800.00	6,840.00	19,519.43	6,840.00	371.63	370.64	-90.03	153.35	-14,468.66	1,978.35	1,237.52	740.84	2.670		
19,900.00	6,840.00	19,619.43	6,840.00	374.32	373.35	-90.03	153.81	-14,568.66	1,978.33	1,232.08	746.25	2.651		
20,000.00	6,840.00	19,719.43	6,840.00	377.02	376.06	-90.03	154.27	-14,668.65	1,978.31	1,226.64	751.67	2.632		
20,100.00	6,840.00	19,819.43	6,840.00	379.71	378.76	-90.03	154.73	-14,768.65	1,978.28	1,221.20	757.08	2.613		
20,200.00	6,840.00	19,919.43	6,840.00	382.41	381.47	-90.03	155.19	-14,868.65	1,978.26	1,215.76	762.50	2.594		
20,300.00	6,840.00	20,019.43	6,840.00	385.11	384.18	-90.03	155.65	-14,968.65	1,978.24	1,210.33	767.91	2.576		
20,400.00	6,840.00	20,119.43	6,840.00	387.80	386.89	-90.03	156.11	-15,068.65	1,978.22	1,204.89	773.33	2.558		
20,500.00	6,840.00	20,219.43	6,840.00	390.50	389.60	-90.03	156.57	-15,168.65	1,978.19	1,199.45	778.74	2.540		
20,600.00	6,840.00	20,319.43	6,840.00	393.20	392.31	-90.03	157.03	-15,268.65	1,978.17	1,194.01	784.16	2.523		
20,691.67	6,840.00	20,411.10	6,840.00	395.67	394.79	-90.03	157.45	-15,360.32	1,978.15	1,189.02	789.13	2.507 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.90	-157.38	-0.28	157.38					
100.00	100.00	102.00	98.00	0.13	0.14	-179.90	-157.38	-0.28	157.38	157.10	0.28	570.167		
200.00	200.00	202.00	198.00	0.49	0.50	-179.90	-157.38	-0.28	157.38	156.39	0.99	158.494		
300.00	300.00	302.00	298.00	0.85	0.86	-179.90	-157.38	-0.28	157.38	155.67	1.71	92.040 CC, ES		
400.00	399.98	402.02	397.98	1.21	1.22	-135.69	-157.38	-0.28	158.62	156.20	2.43	65.391		
500.00	499.84	502.16	497.84	1.57	1.58	-136.93	-157.38	-0.28	162.41	159.27	3.15	51.625		
600.00	599.45	602.55	597.45	1.94	1.94	-138.86	-157.38	-0.28	168.89	165.02	3.87	43.600		
700.00	698.70	703.30	696.70	2.32	2.30	-141.31	-157.38	-0.28	178.27	173.66	4.61	38.669		
800.00	797.47	804.53	795.47	2.73	2.66	-144.09	-157.38	-0.28	190.77	185.42	5.36	35.618		
900.00	895.62	893.62	893.62	3.16	2.98	-147.00	-157.38	-0.28	206.60	200.54	6.07	34.064		
1,000.00	993.06	992.69	992.67	3.63	3.33	-149.57	-157.43	-1.78	225.58	218.77	6.81	33.134		
1,100.00	1,089.64	1,091.98	1,091.84	4.14	3.67	-151.32	-157.62	-6.71	247.12	239.57	7.56	32.702		
1,200.00	1,185.27	1,191.31	1,190.81	4.70	4.02	-152.37	-157.92	-15.07	270.98	262.65	8.32	32.550		
1,300.00	1,279.82	1,290.57	1,289.36	5.30	4.38	-152.87	-158.36	-26.84	296.99	287.87	9.12	32.566		
1,400.00	1,373.17	1,389.64	1,387.25	5.96	4.76	-152.93	-158.91	-41.99	325.06	315.11	9.95	32.676		
1,500.00	1,465.21	1,488.41	1,484.28	6.67	5.16	-152.64	-159.59	-60.45	355.14	344.33	10.82	32.826		
1,600.00	1,555.84	1,586.80	1,580.24	7.44	5.59	-152.07	-160.39	-82.16	387.23	375.49	11.74	32.980		
1,700.00	1,645.41	1,684.98	1,675.20	8.26	6.04	-151.49	-161.31	-107.08	420.45	407.73	12.72	33.047		
1,800.00	1,734.94	1,783.49	1,769.55	9.09	6.54	-150.63	-162.35	-135.34	452.89	439.12	13.77	32.888		
1,900.00	1,824.47	1,882.10	1,862.97	9.94	7.08	-149.49	-163.51	-166.86	484.59	469.69	14.90	32.525		
2,000.00	1,913.99	1,979.37	1,954.06	10.80	7.66	-148.14	-164.76	-200.95	515.72	499.62	16.10	32.038		
2,100.00	2,003.52	2,073.74	2,042.16	11.66	8.26	-146.90	-166.00	-234.78	546.90	529.57	17.33	31.566		
2,200.00	2,093.05	2,168.11	2,130.25	12.53	8.87	-145.78	-167.25	-268.60	578.29	559.70	18.58	31.116		
2,300.00	2,182.58	2,262.48	2,218.35	13.40	9.50	-144.79	-168.49	-302.42	609.85	589.98	19.87	30.692		
2,400.00	2,272.11	2,356.86	2,306.44	14.28	10.14	-143.89	-169.74	-336.24	641.57	620.40	21.18	30.296		
2,500.00	2,361.63	2,451.23	2,394.53	15.16	10.79	-143.07	-170.98	-370.06	673.42	650.92	22.50	29.927		
2,600.00	2,451.16	2,545.60	2,482.63	16.04	11.45	-142.33	-172.22	-403.89	705.39	681.55	23.84	29.586		
2,700.00	2,540.69	2,639.97	2,570.72	16.92	12.12	-141.65	-173.47	-437.71	737.45	712.25	25.19	29.270		
2,800.00	2,630.22	2,734.35	2,658.82	17.81	12.79	-141.03	-174.71	-471.53	769.59	743.04	26.56	28.978		
2,900.00	2,719.75	2,828.72	2,746.91	18.70	13.46	-140.45	-175.96	-505.35	801.82	773.89	27.93	28.707		
3,000.00	2,809.28	2,923.09	2,835.01	19.58	14.14	-139.92	-177.20	-539.18	834.11	804.79	29.31	28.456		
3,100.00	2,898.80	3,017.46	2,923.10	20.47	14.83	-139.43	-178.44	-573.00	866.45	835.75	30.70	28.224		
3,200.00	2,988.33	3,111.83	3,011.20	21.36	15.51	-138.98	-179.69	-606.82	898.85	866.76	32.09	28.008		
3,300.00	3,077.86	3,206.21	3,099.29	22.26	16.20	-138.56	-180.93	-640.64	931.30	897.81	33.49	27.807		
3,400.00	3,167.39	3,300.58	3,187.38	23.15	16.90	-138.16	-182.18	-674.46	963.79	928.90	34.89	27.620		
3,500.00	3,256.92	3,405.05	3,275.48	24.04	17.66	-137.79	-183.42	-708.29	996.32	959.95	36.38	27.389		
3,600.00	3,346.44	3,489.32	3,363.57	24.93	18.29	-137.45	-184.67	-742.11	1,028.89	991.17	37.71	27.282		
3,700.00	3,435.97	3,583.70	3,451.67	25.83	18.98	-137.12	-185.91	-775.93	1,061.48	1,022.35	39.13	27.129		
3,800.00	3,525.50	3,678.07	3,539.76	26.72	19.68	-136.82	-187.15	-809.75	1,094.11	1,053.56	40.54	26.985		
3,900.00	3,615.03	3,772.44	3,627.86	27.62	20.38	-136.53	-188.40	-843.58	1,126.76	1,084.79	41.96	26.850		
4,000.00	3,704.56	3,866.81	3,715.95	28.51	21.09	-136.26	-189.64	-877.40	1,159.43	1,116.04	43.39	26.723		
4,100.00	3,794.09	3,961.18	3,804.05	29.41	21.79	-136.00	-190.89	-911.22	1,192.13	1,147.32	44.81	26.604		
4,200.00	3,883.61	4,055.56	3,892.14	30.30	22.49	-135.76	-192.13	-945.04	1,224.84	1,178.61	46.24	26.491		
4,300.00	3,973.14	4,149.93	3,980.23	31.20	23.20	-135.53	-193.37	-978.86	1,257.58	1,209.91	47.66	26.384		
4,400.00	4,062.67	4,244.30	4,068.33	32.10	23.90	-135.31	-194.62	-1,012.69	1,290.33	1,241.24	49.09	26.283		
4,500.00	4,152.20	4,338.67	4,156.42	32.99	24.61	-135.10	-195.86	-1,046.51	1,323.10	1,272.58	50.52	26.188		
4,600.00	4,241.73	4,433.04	4,244.52	33.89	25.32	-134.90	-197.11	-1,080.33	1,355.88	1,303.93	51.96	26.097		
4,700.00	4,331.26	4,527.42	4,332.61	34.79	26.02	-134.72	-198.35	-1,114.15	1,388.68	1,335.29	53.39	26.011		
4,800.00	4,420.78	4,621.79	4,420.71	35.69	26.73	-134.54	-199.59	-1,147.97	1,421.49	1,366.67	54.82	25.929		
4,900.00	4,510.31	4,716.16	4,508.80	36.58	27.44	-134.36	-200.84	-1,181.80	1,454.31	1,398.05	56.26	25.851		
5,000.00	4,599.84	4,810.53	4,596.89	37.48	28.15	-134.20	-202.08	-1,215.62	1,487.15	1,429.45	57.69	25.776		
5,100.00	4,689.37	4,904.91	4,684.99	38.38	28.86	-134.04	-203.33	-1,249.44	1,519.99	1,460.86	59.13	25.705		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	5,000.72	4,773.08	39.28	29.58	-133.89	-204.57	-1,283.26	1,552.84	1,492.26	60.58	25.633		
5,300.00	4,868.42	5,106.35	4,861.18	40.18	30.38	-133.75	-205.81	-1,317.09	1,585.71	1,523.60	62.10	25.533		
5,400.00	4,957.95	5,188.02	4,949.27	41.07	30.99	-133.61	-207.06	-1,350.91	1,618.58	1,555.13	63.45	25.511		
5,500.00	5,047.48	5,282.39	5,037.37	41.97	31.70	-133.48	-208.30	-1,384.73	1,651.46	1,586.57	64.89	25.451		
5,600.00	5,137.01	5,376.77	5,125.46	42.87	32.42	-133.35	-209.55	-1,418.55	1,684.34	1,618.01	66.33	25.394		
5,700.00	5,226.54	5,471.14	5,213.56	43.77	33.13	-133.23	-210.79	-1,452.37	1,717.24	1,649.47	67.77	25.340		
5,800.00	5,316.07	5,565.51	5,301.65	44.67	33.84	-133.11	-212.03	-1,486.20	1,750.14	1,680.93	69.21	25.287		
5,900.00	5,405.59	5,659.88	5,389.74	45.57	34.55	-132.99	-213.28	-1,520.02	1,783.04	1,712.39	70.65	25.237		
6,000.00	5,495.12	5,754.26	5,477.84	46.47	35.26	-132.88	-214.52	-1,553.84	1,815.96	1,743.86	72.10	25.188		
6,100.00	5,584.65	5,848.63	5,565.93	47.37	35.98	-132.78	-215.77	-1,587.66	1,848.88	1,775.34	73.54	25.141		
6,200.00	5,674.18	5,943.00	5,654.03	48.27	36.69	-132.68	-217.01	-1,621.48	1,881.80	1,806.82	74.98	25.096		
6,300.00	5,763.71	6,037.37	5,742.12	49.16	37.40	-132.58	-218.25	-1,655.31	1,914.73	1,838.30	76.43	25.053		
6,400.00	5,853.23	6,131.74	5,830.22	50.06	38.12	-132.48	-219.50	-1,689.13	1,947.67	1,869.79	77.87	25.011		
6,500.00	5,942.76	6,226.12	5,918.31	50.96	38.83	-132.39	-220.74	-1,722.95	1,980.61	1,901.29	79.32	24.971		
6,600.00	6,032.29	6,320.49	6,006.41	51.86	39.55	-132.30	-221.99	-1,756.77	2,013.55	1,932.79	80.76	24.932		
6,700.00	6,121.82	6,414.86	6,094.50	52.76	40.26	-132.22	-223.23	-1,790.60	2,046.50	1,964.29	82.21	24.894		
6,800.00	6,211.35	6,509.23	6,182.59	53.66	40.97	-132.13	-224.47	-1,824.42	2,079.45	1,995.79	83.65	24.858		
6,900.00	6,300.88	6,603.61	6,270.69	54.56	41.69	-132.05	-225.72	-1,858.24	2,112.40	2,027.30	85.10	24.823		
7,000.00	6,390.40	6,702.02	6,358.78	55.46	42.43	-131.97	-226.96	-1,892.06	2,145.36	2,058.79	86.58	24.780		
7,100.00	6,479.90	6,792.36	6,446.88	56.36	43.12	-129.81	-228.21	-1,925.89	2,178.31	2,090.32	87.99	24.755		
7,200.00	6,565.62	6,888.63	6,535.11	57.41	43.92	-115.65	-229.43	-1,964.20	2,209.91	2,120.25	89.66	24.649		
7,300.00	6,643.25	6,987.20	6,617.84	58.67	45.02	-106.26	-230.50	-2,017.56	2,238.54	2,146.64	91.89	24.360		
7,400.00	6,710.45	7,087.92	6,691.65	60.11	46.43	-99.81	-231.36	-2,085.90	2,263.34	2,168.61	94.73	23.893		
7,500.00	6,765.16	7,190.87	6,753.56	61.71	48.14	-95.35	-231.96	-2,167.97	2,283.54	2,185.41	98.13	23.270		
7,600.00	6,805.74	7,295.82	6,800.54	63.40	50.12	-92.38	-232.27	-2,261.66	2,298.53	2,196.51	102.02	22.530		
7,700.00	6,830.93	7,402.27	6,828.96	65.14	52.29	-90.66	-232.27	-2,363.80	2,307.83	2,201.57	106.25	21.720		
7,800.00	6,839.98	7,509.45	6,840.00	66.86	54.54	-90.05	-231.94	-2,470.35	2,311.14	2,200.51	110.63	20.890		
7,900.00	6,840.00	7,609.47	6,840.00	68.58	56.68	-90.05	-231.47	-2,570.37	2,311.12	2,196.29	114.83	20.126		
8,000.00	6,840.00	7,709.47	6,840.00	70.35	58.86	-90.05	-231.01	-2,670.37	2,311.10	2,191.97	119.13	19.400		
8,100.00	6,840.00	7,809.47	6,840.00	72.18	61.08	-90.05	-230.55	-2,770.37	2,311.07	2,187.56	123.51	18.711		
8,200.00	6,840.00	7,909.47	6,840.00	74.06	63.34	-90.05	-230.08	-2,870.36	2,311.05	2,183.07	127.98	18.058		
8,300.00	6,840.00	8,009.47	6,840.00	75.98	65.64	-90.05	-229.62	-2,970.36	2,311.02	2,178.50	132.52	17.439		
8,400.00	6,840.00	8,109.47	6,840.00	77.96	67.97	-90.05	-229.16	-3,070.36	2,311.00	2,173.87	137.12	16.853		
8,500.00	6,840.00	8,209.47	6,840.00	79.97	70.32	-90.05	-228.69	-3,170.36	2,310.97	2,169.18	141.79	16.299		
8,600.00	6,840.00	8,309.47	6,840.00	82.03	72.71	-90.05	-228.23	-3,270.36	2,310.94	2,164.44	146.50	15.774		
8,700.00	6,840.00	8,409.47	6,840.00	84.12	75.11	-90.05	-227.77	-3,370.36	2,310.92	2,159.65	151.27	15.277		
8,800.00	6,840.00	8,509.47	6,840.00	86.25	77.54	-90.05	-227.30	-3,470.36	2,310.89	2,154.81	156.08	14.806		
8,900.00	6,840.00	8,609.47	6,840.00	88.41	79.98	-90.05	-226.84	-3,570.36	2,310.87	2,149.94	160.93	14.360		
9,000.00	6,840.00	8,709.47	6,840.00	90.60	82.44	-90.05	-226.38	-3,670.36	2,310.84	2,145.03	165.82	13.936		
9,100.00	6,840.00	8,809.47	6,840.00	92.82	84.92	-90.05	-225.91	-3,770.35	2,310.82	2,140.08	170.74	13.534		
9,200.00	6,840.00	8,909.47	6,840.00	95.07	87.41	-90.05	-225.45	-3,870.35	2,310.79	2,135.10	175.69	13.153		
9,300.00	6,840.00	9,009.47	6,840.00	97.34	89.92	-90.05	-224.99	-3,970.35	2,310.76	2,130.10	180.67	12.790		
9,400.00	6,840.00	9,109.47	6,840.00	99.64	92.43	-90.05	-224.53	-4,070.35	2,310.74	2,125.07	185.67	12.445		
9,500.00	6,840.00	9,209.47	6,840.00	101.95	94.96	-90.05	-224.06	-4,170.35	2,310.71	2,120.01	190.70	12.117		
9,600.00	6,840.00	9,309.47	6,840.00	104.29	97.50	-90.05	-223.60	-4,270.35	2,310.69	2,114.94	195.75	11.804		
9,700.00	6,840.00	9,409.47	6,840.00	106.64	100.05	-90.05	-223.14	-4,370.35	2,310.66	2,109.84	200.82	11.506		
9,800.00	6,840.00	9,509.47	6,840.00	109.02	102.61	-90.05	-222.67	-4,470.35	2,310.64	2,104.73	205.91	11.222		
9,900.00	6,840.00	9,609.47	6,840.00	111.41	105.17	-90.05	-222.21	-4,570.35	2,310.61	2,099.59	211.02	10.950		
10,000.00	6,840.00	9,709.47	6,840.00	113.81	107.75	-90.05	-221.75	-4,670.35	2,310.58	2,094.45	216.14	10.690		
10,100.00	6,840.00	9,809.47	6,840.00	116.23	110.33	-90.05	-221.28	-4,770.34	2,310.56	2,089.28	221.28	10.442		
10,200.00	6,840.00	9,909.47	6,840.00	118.67	112.91	-90.05	-220.82	-4,870.34	2,310.53	2,084.10	226.43	10.204		
10,300.00	6,840.00	10,009.47	6,840.00	121.11	115.50	-90.05	-220.36	-4,970.34	2,310.51	2,078.91	231.59	9.977		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,109.47	6,840.00	123.57	118.10	-90.05	-219.89	-5,070.34	2,310.48	2,073.71	236.77	9.758		
10,500.00	6,840.00	10,209.47	6,840.00	126.04	120.71	-90.05	-219.43	-5,170.34	2,310.46	2,068.49	241.96	9.549		
10,600.00	6,840.00	10,309.47	6,840.00	128.52	123.32	-90.05	-218.97	-5,270.34	2,310.43	2,063.27	247.16	9.348		
10,700.00	6,840.00	10,409.47	6,840.00	131.01	125.93	-90.05	-218.51	-5,370.34	2,310.41	2,058.03	252.37	9.155		
10,800.00	6,840.00	10,509.47	6,840.00	133.51	128.55	-90.05	-218.04	-5,470.34	2,310.38	2,052.79	257.59	8.969		
10,900.00	6,840.00	10,609.47	6,840.00	136.02	131.17	-90.05	-217.58	-5,570.34	2,310.35	2,047.53	262.82	8.791		
11,000.00	6,840.00	10,709.47	6,840.00	138.53	133.80	-90.05	-217.12	-5,670.33	2,310.33	2,042.27	268.06	8.619		
11,100.00	6,840.00	10,809.47	6,840.00	141.06	136.42	-90.05	-216.65	-5,770.33	2,310.30	2,037.00	273.30	8.453		
11,200.00	6,840.00	10,909.47	6,840.00	143.59	139.06	-90.05	-216.19	-5,870.33	2,310.28	2,031.72	278.55	8.294		
11,300.00	6,840.00	11,009.47	6,840.00	146.13	141.69	-90.05	-215.73	-5,970.33	2,310.25	2,026.44	283.81	8.140		
11,400.00	6,840.00	11,109.47	6,840.00	148.68	144.33	-90.05	-215.26	-6,070.33	2,310.23	2,021.15	289.08	7.992		
11,500.00	6,840.00	11,209.47	6,840.00	151.23	146.98	-90.05	-214.80	-6,170.33	2,310.20	2,015.85	294.35	7.848		
11,600.00	6,840.00	11,309.47	6,840.00	153.79	149.62	-90.05	-214.34	-6,270.33	2,310.17	2,010.54	299.63	7.710		
11,700.00	6,840.00	11,409.47	6,840.00	156.35	152.27	-90.05	-213.87	-6,370.33	2,310.15	2,005.23	304.91	7.576		
11,800.00	6,840.00	11,509.47	6,840.00	158.92	154.92	-90.05	-213.41	-6,470.33	2,310.12	1,999.92	310.20	7.447		
11,900.00	6,840.00	11,609.47	6,840.00	161.49	157.57	-90.05	-212.95	-6,570.32	2,310.10	1,994.60	315.50	7.322		
12,000.00	6,840.00	11,709.47	6,840.00	164.07	160.23	-90.05	-212.48	-6,670.32	2,310.07	1,989.27	320.80	7.201		
12,100.00	6,840.00	11,809.47	6,840.00	166.66	162.88	-90.05	-212.02	-6,770.32	2,310.05	1,983.94	326.10	7.084		
12,200.00	6,840.00	11,909.47	6,840.00	169.25	165.54	-90.05	-211.56	-6,870.32	2,310.02	1,978.61	331.41	6.970		
12,300.00	6,840.00	12,009.47	6,840.00	171.84	168.20	-90.05	-211.10	-6,970.32	2,309.99	1,973.27	336.72	6.860		
12,400.00	6,840.00	12,109.47	6,840.00	174.44	170.87	-90.05	-210.63	-7,070.32	2,309.97	1,967.93	342.04	6.754		
12,500.00	6,840.00	12,209.47	6,840.00	177.04	173.53	-90.05	-210.17	-7,170.32	2,309.94	1,962.58	347.36	6.650		
12,600.00	6,840.00	12,309.47	6,840.00	179.64	176.20	-90.05	-209.71	-7,270.32	2,309.92	1,957.23	352.68	6.550		
12,700.00	6,840.00	12,409.47	6,840.00	182.25	178.87	-90.05	-209.24	-7,370.32	2,309.89	1,951.88	358.01	6.452		
12,800.00	6,840.00	12,509.47	6,840.00	184.86	181.54	-90.05	-208.78	-7,470.32	2,309.87	1,946.52	363.34	6.357		
12,900.00	6,840.00	12,609.47	6,840.00	187.47	184.21	-90.05	-208.32	-7,570.31	2,309.84	1,941.16	368.68	6.265		
13,000.00	6,840.00	12,709.47	6,840.00	190.09	186.88	-90.05	-207.85	-7,670.31	2,309.81	1,935.80	374.01	6.176		
13,100.00	6,840.00	12,809.47	6,840.00	192.71	189.55	-90.05	-207.39	-7,770.31	2,309.79	1,930.44	379.35	6.089		
13,200.00	6,840.00	12,909.47	6,840.00	195.34	192.23	-90.05	-206.93	-7,870.31	2,309.76	1,925.07	384.70	6.004		
13,300.00	6,840.00	13,009.47	6,840.00	197.96	194.90	-90.05	-206.46	-7,970.31	2,309.74	1,919.70	390.04	5.922		
13,400.00	6,840.00	13,109.47	6,840.00	200.59	197.58	-90.05	-206.00	-8,070.31	2,309.71	1,914.32	395.39	5.842		
13,500.00	6,840.00	13,209.47	6,840.00	203.22	200.26	-90.05	-205.54	-8,170.31	2,309.69	1,908.95	400.74	5.764		
13,600.00	6,840.00	13,309.47	6,840.00	205.85	202.94	-90.05	-205.08	-8,270.31	2,309.66	1,903.57	406.09	5.688		
13,700.00	6,840.00	13,409.47	6,840.00	208.49	205.62	-90.05	-204.61	-8,370.31	2,309.64	1,898.19	411.45	5.613		
13,800.00	6,840.00	13,509.47	6,840.00	211.13	208.30	-90.05	-204.15	-8,470.30	2,309.61	1,892.81	416.80	5.541		
13,900.00	6,840.00	13,609.47	6,840.00	213.77	210.99	-90.05	-203.69	-8,570.30	2,309.58	1,887.42	422.16	5.471		
14,000.00	6,840.00	13,709.47	6,840.00	216.41	213.67	-90.05	-203.22	-8,670.30	2,309.56	1,882.03	427.52	5.402		
14,100.00	6,840.00	13,809.47	6,840.00	219.06	216.35	-90.05	-202.76	-8,770.30	2,309.53	1,876.64	432.89	5.335		
14,200.00	6,840.00	13,909.47	6,840.00	221.70	219.04	-90.05	-202.30	-8,870.30	2,309.51	1,871.25	438.25	5.270		
14,300.00	6,840.00	14,009.47	6,840.00	224.35	221.73	-90.05	-201.83	-8,970.30	2,309.48	1,865.86	443.62	5.206		
14,400.00	6,840.00	14,109.47	6,840.00	227.00	224.41	-90.05	-201.37	-9,070.30	2,309.46	1,860.47	448.99	5.144		
14,500.00	6,840.00	14,209.47	6,840.00	229.65	227.10	-90.05	-200.91	-9,170.30	2,309.43	1,855.07	454.36	5.083		
14,600.00	6,840.00	14,309.47	6,840.00	232.30	229.79	-90.05	-200.44	-9,270.30	2,309.40	1,849.67	459.73	5.023		
14,700.00	6,840.00	14,409.47	6,840.00	234.96	232.48	-90.05	-199.98	-9,370.29	2,309.38	1,844.27	465.11	4.965		
14,800.00	6,840.00	14,509.47	6,840.00	237.61	235.17	-90.05	-199.52	-9,470.29	2,309.35	1,838.87	470.48	4.908		
14,900.00	6,840.00	14,609.47	6,840.00	240.27	237.86	-90.05	-199.05	-9,570.29	2,309.33	1,833.47	475.86	4.853		
15,000.00	6,840.00	14,709.47	6,840.00	242.93	240.55	-90.05	-198.59	-9,670.29	2,309.30	1,828.07	481.24	4.799		
15,100.00	6,840.00	14,809.47	6,840.00	245.59	243.24	-90.05	-198.13	-9,770.29	2,309.28	1,822.66	486.61	4.746		
15,200.00	6,840.00	14,909.47	6,840.00	248.25	245.94	-90.05	-197.67	-9,870.29	2,309.25	1,817.25	492.00	4.694		
15,300.00	6,840.00	15,009.47	6,840.00	250.92	248.63	-90.05	-197.20	-9,970.29	2,309.22	1,811.85	497.38	4.643		
15,400.00	6,840.00	15,109.47	6,840.00	253.58	251.32	-90.05	-196.74	-10,070.29	2,309.20	1,806.44	502.76	4.593		
15,500.00	6,840.00	15,209.47	6,840.00	256.25	254.02	-90.05	-196.28	-10,170.29	2,309.17	1,801.03	508.15	4.544		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,309.47	6,840.00	258.91	256.71	-90.05	-195.81	-10,270.29	2,309.15	1,795.62	513.53	4.497		
15,700.00	6,840.00	15,409.47	6,840.00	261.58	259.41	-90.05	-195.35	-10,370.28	2,309.12	1,790.20	518.92	4.450		
15,800.00	6,840.00	15,509.47	6,840.00	264.25	262.10	-90.05	-194.89	-10,470.28	2,309.10	1,784.79	524.31	4.404		
15,900.00	6,840.00	15,609.47	6,840.00	266.92	264.80	-90.05	-194.42	-10,570.28	2,309.07	1,779.38	529.69	4.359		
16,000.00	6,840.00	15,709.47	6,840.00	269.59	267.50	-90.05	-193.96	-10,670.28	2,309.05	1,773.96	535.08	4.315		
16,100.00	6,840.00	15,809.47	6,840.00	272.26	270.19	-90.05	-193.50	-10,770.28	2,309.02	1,768.54	540.48	4.272		
16,200.00	6,840.00	15,909.47	6,840.00	274.94	272.89	-90.05	-193.03	-10,870.28	2,308.99	1,763.13	545.87	4.230		
16,300.00	6,840.00	16,009.47	6,840.00	277.61	275.59	-90.05	-192.57	-10,970.28	2,308.97	1,757.71	551.26	4.189		
16,400.00	6,840.00	16,109.47	6,840.00	280.28	278.29	-90.05	-192.11	-11,070.28	2,308.94	1,752.29	556.65	4.148		
16,500.00	6,840.00	16,209.47	6,840.00	282.96	280.99	-90.05	-191.65	-11,170.28	2,308.92	1,746.87	562.05	4.108		
16,600.00	6,840.00	16,309.47	6,840.00	285.64	283.69	-90.05	-191.18	-11,270.27	2,308.89	1,741.45	567.44	4.069		
16,700.00	6,840.00	16,409.47	6,840.00	288.31	286.39	-90.05	-190.72	-11,370.27	2,308.87	1,736.02	572.84	4.031		
16,800.00	6,840.00	16,509.47	6,840.00	290.99	289.09	-90.05	-190.26	-11,470.27	2,308.84	1,730.60	578.24	3.993		
16,900.00	6,840.00	16,609.47	6,840.00	293.67	291.79	-90.05	-189.79	-11,570.27	2,308.81	1,725.18	583.64	3.956		
17,000.00	6,840.00	16,709.47	6,840.00	296.35	294.49	-90.05	-189.33	-11,670.27	2,308.79	1,719.75	589.03	3.920		
17,100.00	6,840.00	16,809.47	6,840.00	299.03	297.19	-90.05	-188.87	-11,770.27	2,308.76	1,714.33	594.43	3.884		
17,200.00	6,840.00	16,909.47	6,840.00	301.71	299.89	-90.05	-188.40	-11,870.27	2,308.74	1,708.90	599.83	3.849		
17,300.00	6,840.00	17,009.47	6,840.00	304.39	302.59	-90.05	-187.94	-11,970.27	2,308.71	1,703.48	605.23	3.815		
17,400.00	6,840.00	17,109.47	6,840.00	307.08	305.30	-90.05	-187.48	-12,070.27	2,308.69	1,698.05	610.64	3.781		
17,500.00	6,840.00	17,209.47	6,840.00	309.76	308.00	-90.05	-187.01	-12,170.26	2,308.66	1,692.62	616.04	3.748		
17,600.00	6,840.00	17,309.47	6,840.00	312.44	310.70	-90.05	-186.55	-12,270.26	2,308.63	1,687.19	621.44	3.715		
17,700.00	6,840.00	17,409.47	6,840.00	315.13	313.40	-90.05	-186.09	-12,370.26	2,308.61	1,681.76	626.84	3.683		
17,800.00	6,840.00	17,509.47	6,840.00	317.81	316.11	-90.05	-185.62	-12,470.26	2,308.58	1,676.33	632.25	3.651		
17,900.00	6,840.00	17,609.47	6,840.00	320.50	318.81	-90.05	-185.16	-12,570.26	2,308.56	1,670.90	637.65	3.620		
18,000.00	6,840.00	17,709.47	6,840.00	323.19	321.52	-90.05	-184.70	-12,670.26	2,308.53	1,665.47	643.06	3.590		
18,100.00	6,840.00	17,809.47	6,840.00	325.87	324.22	-90.05	-184.24	-12,770.26	2,308.51	1,660.04	648.47	3.560		
18,200.00	6,840.00	17,909.47	6,840.00	328.56	326.92	-90.05	-183.77	-12,870.26	2,308.48	1,654.61	653.87	3.530		
18,300.00	6,840.00	18,009.47	6,840.00	331.25	329.63	-90.05	-183.31	-12,970.26	2,308.45	1,649.18	659.28	3.501		
18,400.00	6,840.00	18,109.47	6,840.00	333.94	332.33	-90.05	-182.85	-13,070.26	2,308.43	1,643.74	664.69	3.473		
18,500.00	6,840.00	18,209.47	6,840.00	336.63	335.04	-90.05	-182.38	-13,170.25	2,308.40	1,638.31	670.09	3.445		
18,600.00	6,840.00	18,309.47	6,840.00	339.32	337.74	-90.05	-181.92	-13,270.25	2,308.38	1,632.88	675.50	3.417		
18,700.00	6,840.00	18,409.47	6,840.00	342.01	340.45	-90.05	-181.46	-13,370.25	2,308.35	1,627.44	680.91	3.390		
18,800.00	6,840.00	18,509.47	6,840.00	344.70	343.16	-90.05	-180.99	-13,470.25	2,308.33	1,622.01	686.32	3.363		
18,900.00	6,840.00	18,609.47	6,840.00	347.39	345.86	-90.05	-180.53	-13,570.25	2,308.30	1,616.57	691.73	3.337		
19,000.00	6,840.00	18,709.47	6,840.00	350.08	348.57	-90.05	-180.07	-13,670.25	2,308.28	1,611.13	697.14	3.311		
19,100.00	6,840.00	18,809.47	6,840.00	352.77	351.28	-90.05	-179.60	-13,770.25	2,308.25	1,605.70	702.55	3.286		
19,200.00	6,840.00	18,909.47	6,840.00	355.46	353.98	-90.05	-179.14	-13,870.25	2,308.22	1,600.26	707.96	3.260		
19,300.00	6,840.00	19,009.47	6,840.00	358.16	356.69	-90.05	-178.68	-13,970.25	2,308.20	1,594.82	713.38	3.236		
19,400.00	6,840.00	19,109.47	6,840.00	360.85	359.40	-90.05	-178.22	-14,070.24	2,308.17	1,589.38	718.79	3.211		
19,500.00	6,840.00	19,209.47	6,840.00	363.54	362.10	-90.05	-177.75	-14,170.24	2,308.15	1,583.95	724.20	3.187		
19,600.00	6,840.00	19,309.47	6,840.00	366.24	364.81	-90.05	-177.29	-14,270.24	2,308.12	1,578.51	729.61	3.163		
19,700.00	6,840.00	19,409.47	6,840.00	368.93	367.52	-90.05	-176.83	-14,370.24	2,308.10	1,573.07	735.03	3.140		
19,800.00	6,840.00	19,509.47	6,840.00	371.63	370.23	-90.05	-176.36	-14,470.24	2,308.07	1,567.63	740.44	3.117		
19,900.00	6,840.00	19,609.47	6,840.00	374.32	372.94	-90.05	-175.90	-14,570.24	2,308.04	1,562.19	745.86	3.094		
20,000.00	6,840.00	19,709.47	6,840.00	377.02	375.64	-90.05	-175.44	-14,670.24	2,308.02	1,556.75	751.27	3.072		
20,100.00	6,840.00	19,809.47	6,840.00	379.71	378.35	-90.05	-174.97	-14,770.24	2,307.99	1,551.31	756.68	3.050		
20,200.00	6,840.00	19,909.47	6,840.00	382.41	381.06	-90.05	-174.51	-14,870.24	2,307.97	1,545.87	762.10	3.028		
20,300.00	6,840.00	20,009.47	6,840.00	385.11	383.77	-90.05	-174.05	-14,970.23	2,307.94	1,540.43	767.52	3.007		
20,400.00	6,840.00	20,109.47	6,840.00	387.80	386.48	-90.05	-173.58	-15,070.23	2,307.92	1,534.98	772.93	2.986		
20,500.00	6,840.00	20,209.47	6,840.00	390.50	389.19	-90.05	-173.12	-15,170.23	2,307.89	1,529.54	778.35	2.965		
20,600.00	6,840.00	20,309.47	6,840.00	393.20	391.90	-90.05	-172.66	-15,270.23	2,307.86	1,524.10	783.76	2.945		
20,687.64	6,840.00	20,397.10	6,840.00	395.56	394.27	-90.05	-172.25	-15,357.87	2,307.84	1,519.33	788.51	2.927 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	20,389.92	6,840.00	395.67	394.08	-90.05	-172.29	-15,350.69	2,307.87	1,519.60	788.27	2.928	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.91	-180.33	-0.28	180.33					
100.00	100.00	101.00	99.00	0.13	0.14	-179.91	-180.33	-0.28	180.33	180.06	0.27	661.913		
200.00	200.00	201.00	199.00	0.49	0.50	-179.91	-180.33	-0.28	180.33	179.34	0.99	182.266		
300.00	300.00	301.00	299.00	0.85	0.85	-179.91	-180.33	-0.28	180.33	178.62	1.71	105.684 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-135.65	-180.33	-0.28	181.57	179.15	2.42	74.963		
500.00	499.84	501.16	498.84	1.57	1.57	-136.73	-180.33	-0.28	185.35	182.21	3.14	58.986		
600.00	599.45	601.55	598.45	1.94	1.93	-138.42	-180.33	-0.28	191.80	187.93	3.87	49.560		
700.00	698.70	702.30	697.70	2.32	2.29	-140.60	-180.33	-0.28	201.10	196.49	4.61	43.652		
800.00	797.47	796.47	796.47	2.73	2.63	-143.11	-180.33	-0.28	213.46	208.13	5.33	40.063		
900.00	895.62	894.66	894.64	3.16	2.97	-145.38	-180.61	-1.82	229.08	223.01	6.06	37.782		
1,000.00	993.06	992.76	992.61	3.63	3.31	-146.98	-181.51	-6.65	247.83	241.02	6.80	36.429		
1,100.00	1,089.64	1,090.62	1,090.13	4.14	3.66	-147.97	-183.01	-14.76	269.50	261.94	7.56	35.636		
1,200.00	1,185.27	1,188.11	1,186.92	4.70	4.01	-148.45	-185.10	-26.09	293.95	285.60	8.35	35.211		
1,300.00	1,279.82	1,285.07	1,282.75	5.30	4.39	-148.51	-187.77	-40.57	321.08	311.91	9.17	35.025		
1,400.00	1,373.17	1,381.36	1,377.38	5.96	4.78	-148.24	-191.01	-58.09	350.83	340.81	10.03	34.988		
1,500.00	1,465.21	1,476.87	1,470.59	6.67	5.19	-147.71	-194.79	-78.55	383.17	372.24	10.94	35.038		
1,600.00	1,555.84	1,571.46	1,562.17	7.44	5.63	-146.99	-199.09	-101.81	418.08	406.18	11.90	35.131		
1,700.00	1,645.41	1,665.32	1,652.22	8.26	6.11	-146.39	-203.89	-127.82	454.72	441.80	12.92	35.182		
1,800.00	1,734.94	1,758.97	1,741.17	9.09	6.62	-145.58	-209.22	-156.65	491.32	477.31	14.01	35.067		
1,900.00	1,824.47	1,852.22	1,828.73	9.94	7.17	-144.54	-215.04	-188.17	527.89	512.73	15.16	34.822		
2,000.00	1,913.99	1,944.78	1,915.17	10.80	7.76	-143.49	-221.05	-220.71	564.58	548.22	16.36	34.504		
2,100.00	2,003.52	2,037.34	2,001.61	11.66	8.36	-142.57	-227.06	-253.25	601.41	583.82	17.59	34.183		
2,200.00	2,093.05	2,129.89	2,088.05	12.53	8.97	-141.75	-233.07	-285.78	638.37	619.52	18.85	33.869		
2,300.00	2,182.58	2,222.45	2,174.49	13.40	9.60	-141.03	-239.08	-318.32	675.42	655.30	20.12	33.566		
2,400.00	2,272.11	2,315.00	2,260.93	14.28	10.24	-140.38	-245.09	-350.86	712.56	691.15	21.41	33.278		
2,500.00	2,361.63	2,407.56	2,347.37	15.16	10.88	-139.79	-251.10	-383.39	749.77	727.05	22.72	33.006		
2,600.00	2,451.16	2,500.12	2,433.81	16.04	11.54	-139.26	-257.11	-415.93	787.04	763.01	24.03	32.752		
2,700.00	2,540.69	2,592.67	2,520.25	16.92	12.19	-138.77	-263.12	-448.47	824.37	799.01	25.35	32.513		
2,800.00	2,630.22	2,685.23	2,606.69	17.81	12.85	-138.33	-269.13	-481.01	861.74	835.05	26.69	32.291		
2,900.00	2,719.75	2,777.79	2,693.13	18.70	13.52	-137.92	-275.14	-513.54	899.15	871.13	28.03	32.083		
3,000.00	2,809.28	2,870.34	2,779.57	19.58	14.19	-137.55	-281.15	-546.08	936.60	907.23	29.37	31.889		
3,100.00	2,898.80	2,962.90	2,866.01	20.47	14.86	-137.20	-287.16	-578.62	974.08	943.36	30.72	31.708		
3,200.00	2,988.33	3,055.46	2,952.45	21.36	15.53	-136.88	-293.18	-611.15	1,011.59	979.52	32.07	31.538		
3,300.00	3,077.86	3,148.01	3,038.89	22.26	16.21	-136.59	-299.19	-643.69	1,049.13	1,015.69	33.43	31.380		
3,400.00	3,167.39	3,240.57	3,125.33	23.15	16.89	-136.31	-305.20	-676.23	1,086.68	1,051.89	34.79	31.231		
3,500.00	3,256.92	3,333.12	3,211.77	24.04	17.57	-136.05	-311.21	-708.77	1,124.26	1,088.10	36.16	31.091		
3,600.00	3,346.44	3,425.68	3,298.21	24.93	18.25	-135.81	-317.22	-741.30	1,161.86	1,124.33	37.53	30.960		
3,700.00	3,435.97	3,518.24	3,384.65	25.83	18.93	-135.59	-323.23	-773.84	1,199.47	1,160.57	38.90	30.837		
3,800.00	3,525.50	3,610.79	3,471.09	26.72	19.62	-135.37	-329.24	-806.38	1,237.10	1,196.83	40.27	30.720		
3,900.00	3,615.03	3,703.35	3,557.53	27.62	20.30	-135.17	-335.25	-838.91	1,274.74	1,233.09	41.64	30.611		
4,000.00	3,704.56	3,804.09	3,643.97	28.51	21.05	-134.99	-341.26	-871.45	1,312.39	1,269.31	43.08	30.464		
4,100.00	3,794.09	3,888.46	3,730.41	29.41	21.67	-134.81	-347.27	-903.99	1,350.05	1,305.66	44.40	30.408		
4,200.00	3,883.61	3,981.02	3,816.85	30.30	22.36	-134.64	-353.28	-936.52	1,387.73	1,341.95	45.78	30.315		
4,300.00	3,973.14	4,073.57	3,903.29	31.20	23.05	-134.48	-359.29	-969.06	1,425.42	1,378.26	47.16	30.227		
4,400.00	4,062.67	4,166.13	3,989.73	32.10	23.74	-134.33	-365.30	-1,001.60	1,463.11	1,414.57	48.54	30.143		
4,500.00	4,152.20	4,258.69	4,076.17	32.99	24.43	-134.19	-371.31	-1,034.14	1,500.81	1,450.89	49.92	30.063		
4,600.00	4,241.73	4,351.24	4,162.61	33.89	25.12	-134.05	-377.32	-1,066.67	1,538.52	1,487.22	51.31	29.988		
4,700.00	4,331.26	4,443.80	4,249.05	34.79	25.81	-133.92	-383.33	-1,099.21	1,576.24	1,523.55	52.69	29.915		
4,800.00	4,420.78	4,536.36	4,335.49	35.69	26.50	-133.79	-389.34	-1,131.75	1,613.96	1,559.89	54.08	29.846		
4,900.00	4,510.31	4,628.91	4,421.93	36.58	27.20	-133.68	-395.35	-1,164.28	1,651.69	1,596.23	55.46	29.780		
5,000.00	4,599.84	4,721.47	4,508.37	37.48	27.89	-133.56	-401.36	-1,196.82	1,689.43	1,632.58	56.85	29.717		
5,100.00	4,689.37	4,814.02	4,594.81	38.38	28.58	-133.46	-407.37	-1,229.36	1,727.17	1,668.93	58.24	29.657		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,906.58	4,681.25	39.28	29.27	-133.35	-413.38	-1,261.90	1,764.92	1,705.29	59.63	29.599		
5,300.00	4,868.42	5,000.86	4,767.69	40.18	29.98	-133.25	-419.40	-1,294.43	1,802.67	1,741.64	61.03	29.538		
5,400.00	4,957.95	5,108.31	4,854.13	41.07	30.79	-133.16	-425.41	-1,326.97	1,840.42	1,777.89	62.53	29.433		
5,500.00	5,047.48	5,184.25	4,940.57	41.97	31.35	-133.07	-431.42	-1,359.51	1,878.18	1,814.39	63.80	29.440		
5,600.00	5,137.01	5,276.81	5,027.01	42.87	32.05	-132.98	-437.43	-1,392.04	1,915.95	1,850.76	65.19	29.391		
5,700.00	5,226.54	5,369.36	5,113.45	43.77	32.74	-132.89	-443.44	-1,424.58	1,953.72	1,887.14	66.58	29.344		
5,800.00	5,316.07	5,461.92	5,199.89	44.67	33.44	-132.81	-449.45	-1,457.12	1,991.49	1,923.51	67.97	29.299		
5,900.00	5,405.59	5,554.48	5,286.33	45.57	34.13	-132.74	-455.46	-1,489.66	2,029.26	1,959.90	69.36	29.255		
6,000.00	5,495.12	5,647.03	5,372.77	46.47	34.83	-132.66	-461.47	-1,522.19	2,067.04	1,996.28	70.76	29.213		
6,100.00	5,584.65	5,739.59	5,459.21	47.37	35.52	-132.59	-467.48	-1,554.73	2,104.82	2,032.67	72.15	29.172		
6,200.00	5,674.18	5,832.14	5,545.65	48.27	36.22	-132.52	-473.49	-1,587.27	2,142.60	2,069.06	73.55	29.133		
6,300.00	5,763.71	5,924.70	5,632.09	49.16	36.91	-132.45	-479.50	-1,619.80	2,180.39	2,105.45	74.94	29.095		
6,400.00	5,853.23	6,017.26	5,718.53	50.06	37.61	-132.38	-485.51	-1,652.34	2,218.18	2,141.84	76.33	29.059		
6,500.00	5,942.76	6,109.81	5,804.97	50.96	38.31	-132.32	-491.52	-1,684.88	2,255.97	2,178.24	77.73	29.023		
6,600.00	6,032.29	6,202.37	5,891.41	51.86	39.00	-132.26	-497.53	-1,717.41	2,293.76	2,214.63	79.12	28.989		
6,700.00	6,121.82	6,305.07	5,977.85	52.76	39.78	-132.20	-503.54	-1,749.95	2,331.55	2,250.96	80.60	28.929		
6,800.00	6,211.35	6,387.48	6,064.29	53.66	40.40	-132.14	-509.55	-1,782.49	2,369.35	2,287.44	81.92	28.924		
6,900.00	6,300.88	6,480.04	6,150.73	54.56	41.09	-132.09	-515.56	-1,815.03	2,407.15	2,323.84	83.31	28.893		
7,000.00	6,390.40	6,572.59	6,237.17	55.46	41.79	-132.04	-521.57	-1,847.56	2,444.95	2,360.24	84.71	28.863		
7,100.00	6,479.90	6,665.16	6,323.61	56.36	42.49	-129.82	-527.58	-1,880.10	2,482.74	2,396.64	86.11	28.833		
7,200.00	6,565.62	6,757.74	6,410.08	57.41	43.18	-115.19	-533.60	-1,912.65	2,519.21	2,431.61	87.60	28.758		
7,300.00	6,643.25	6,853.77	6,499.42	58.67	43.92	-105.69	-539.80	-1,947.28	2,552.83	2,463.50	89.34	28.576		
7,400.00	6,710.45	6,967.04	6,597.60	60.11	45.08	-99.33	-546.54	-2,002.99	2,582.44	2,490.56	91.88	28.107		
7,500.00	6,765.16	7,090.54	6,689.92	61.71	46.74	-95.00	-552.74	-2,084.43	2,606.89	2,511.58	95.31	27.351		
7,600.00	6,805.74	7,224.67	6,767.97	63.40	48.99	-92.20	-557.80	-2,193.01	2,625.27	2,525.59	99.68	26.336		
7,700.00	6,830.93	7,367.90	6,821.15	65.14	51.75	-90.59	-560.97	-2,325.56	2,636.77	2,531.92	104.84	25.150		
7,800.00	6,839.98	7,516.28	6,840.00	66.86	54.80	-90.02	-561.63	-2,472.32	2,640.84	2,530.42	110.42	23.917		
7,900.00	6,840.00	7,616.01	6,840.00	68.58	56.90	-90.02	-561.16	-2,572.04	2,640.81	2,526.22	114.59	23.045		
8,000.00	6,840.00	7,716.01	6,840.00	70.35	59.05	-90.02	-560.69	-2,672.04	2,640.78	2,521.90	118.88	22.214		
8,100.00	6,840.00	7,816.01	6,840.00	72.18	61.24	-90.02	-560.22	-2,772.04	2,640.75	2,517.49	123.26	21.425		
8,200.00	6,840.00	7,916.01	6,840.00	74.06	63.48	-90.02	-559.75	-2,872.04	2,640.72	2,513.00	127.71	20.677		
8,300.00	6,840.00	8,016.01	6,840.00	75.98	65.75	-90.02	-559.28	-2,972.04	2,640.69	2,508.44	132.25	19.968		
8,400.00	6,840.00	8,116.01	6,840.00	77.96	68.06	-90.02	-558.81	-3,072.04	2,640.66	2,503.81	136.84	19.297		
8,500.00	6,840.00	8,216.01	6,840.00	79.97	70.39	-90.02	-558.34	-3,172.04	2,640.62	2,499.12	141.50	18.661		
8,600.00	6,840.00	8,316.01	6,840.00	82.03	72.75	-90.02	-557.88	-3,272.04	2,640.59	2,494.38	146.21	18.060		
8,700.00	6,840.00	8,416.01	6,840.00	84.12	75.14	-90.02	-557.41	-3,372.04	2,640.56	2,489.59	150.97	17.490		
8,800.00	6,840.00	8,516.01	6,840.00	86.25	77.55	-90.02	-556.94	-3,472.03	2,640.53	2,484.75	155.78	16.950		
8,900.00	6,840.00	8,616.01	6,840.00	88.41	79.97	-90.02	-556.47	-3,572.03	2,640.50	2,479.87	160.62	16.439		
9,000.00	6,840.00	8,716.01	6,840.00	90.60	82.42	-90.02	-556.00	-3,672.03	2,640.47	2,474.96	165.51	15.954		
9,100.00	6,840.00	8,816.01	6,840.00	92.82	84.88	-90.02	-555.53	-3,772.03	2,640.44	2,470.01	170.42	15.493		
9,200.00	6,840.00	8,916.01	6,840.00	95.07	87.36	-90.02	-555.06	-3,872.03	2,640.40	2,465.04	175.37	15.056		
9,300.00	6,840.00	9,016.01	6,840.00	97.34	89.86	-90.02	-554.59	-3,972.03	2,640.37	2,460.03	180.35	14.641		
9,400.00	6,840.00	9,116.01	6,840.00	99.64	92.36	-90.02	-554.13	-4,072.03	2,640.34	2,455.00	185.35	14.245		
9,500.00	6,840.00	9,216.01	6,840.00	101.95	94.88	-90.02	-553.66	-4,172.03	2,640.31	2,449.94	190.37	13.869		
9,600.00	6,840.00	9,316.01	6,840.00	104.29	97.41	-90.02	-553.19	-4,272.03	2,640.28	2,444.86	195.42	13.511		
9,700.00	6,840.00	9,416.01	6,840.00	106.64	99.95	-90.02	-552.72	-4,372.02	2,640.25	2,439.76	200.49	13.169		
9,800.00	6,840.00	9,516.01	6,840.00	109.02	102.49	-90.02	-552.25	-4,472.02	2,640.22	2,434.64	205.57	12.843		
9,900.00	6,840.00	9,616.01	6,840.00	111.41	105.05	-90.02	-551.78	-4,572.02	2,640.19	2,429.51	210.68	12.532		
10,000.00	6,840.00	9,716.01	6,840.00	113.81	107.62	-90.02	-551.31	-4,672.02	2,640.15	2,424.35	215.80	12.234		
10,100.00	6,840.00	9,816.01	6,840.00	116.23	110.19	-90.02	-550.84	-4,772.02	2,640.12	2,419.19	220.94	11.950		
10,200.00	6,840.00	9,916.01	6,840.00	118.67	112.77	-90.02	-550.38	-4,872.02	2,640.09	2,414.00	226.09	11.677		
10,300.00	6,840.00	10,016.01	6,840.00	121.11	115.35	-90.02	-549.91	-4,972.02	2,640.06	2,408.81	231.25	11.416		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,116.01	6,840.00	123.57	117.95	-90.02	-549.44	-5,072.02	2,640.03	2,403.60	236.43	11.166		
10,500.00	6,840.00	10,216.01	6,840.00	126.04	120.54	-90.02	-548.97	-5,172.02	2,640.00	2,398.38	241.61	10.926		
10,600.00	6,840.00	10,316.01	6,840.00	128.52	123.15	-90.02	-548.50	-5,272.02	2,639.97	2,393.15	246.81	10.696		
10,700.00	6,840.00	10,416.01	6,840.00	131.01	125.75	-90.02	-548.03	-5,372.01	2,639.93	2,387.91	252.02	10.475		
10,800.00	6,840.00	10,516.01	6,840.00	133.51	128.37	-90.02	-547.56	-5,472.01	2,639.90	2,382.66	257.24	10.262		
10,900.00	6,840.00	10,616.01	6,840.00	136.02	130.98	-90.02	-547.09	-5,572.01	2,639.87	2,377.40	262.47	10.058		
11,000.00	6,840.00	10,716.01	6,840.00	138.53	133.60	-90.02	-546.63	-5,672.01	2,639.84	2,372.14	267.70	9.861		
11,100.00	6,840.00	10,816.01	6,840.00	141.06	136.23	-90.02	-546.16	-5,772.01	2,639.81	2,366.86	272.95	9.672		
11,200.00	6,840.00	10,916.01	6,840.00	143.59	138.86	-90.02	-545.69	-5,872.01	2,639.78	2,361.58	278.20	9.489		
11,300.00	6,840.00	11,016.01	6,840.00	146.13	141.49	-90.02	-545.22	-5,972.01	2,639.75	2,356.29	283.46	9.313		
11,400.00	6,840.00	11,116.01	6,840.00	148.68	144.12	-90.02	-544.75	-6,072.01	2,639.72	2,350.99	288.72	9.143		
11,500.00	6,840.00	11,216.01	6,840.00	151.23	146.76	-90.02	-544.28	-6,172.01	2,639.68	2,345.69	293.99	8.979		
11,600.00	6,840.00	11,316.01	6,840.00	153.79	149.40	-90.02	-543.81	-6,272.00	2,639.65	2,340.38	299.27	8.820		
11,700.00	6,840.00	11,416.01	6,840.00	156.35	152.05	-90.02	-543.34	-6,372.00	2,639.62	2,335.07	304.55	8.667		
11,800.00	6,840.00	11,516.01	6,840.00	158.92	154.69	-90.02	-542.87	-6,472.00	2,639.59	2,329.75	309.84	8.519		
11,900.00	6,840.00	11,616.01	6,840.00	161.49	157.34	-90.02	-542.41	-6,572.00	2,639.56	2,324.42	315.14	8.376		
12,000.00	6,840.00	11,716.01	6,840.00	164.07	160.00	-90.02	-541.94	-6,672.00	2,639.53	2,319.09	320.43	8.237		
12,100.00	6,840.00	11,816.01	6,840.00	166.66	162.65	-90.02	-541.47	-6,772.00	2,639.50	2,313.76	325.74	8.103		
12,200.00	6,840.00	11,916.01	6,840.00	169.25	165.31	-90.02	-541.00	-6,872.00	2,639.46	2,308.42	331.04	7.973		
12,300.00	6,840.00	12,016.01	6,840.00	171.84	167.96	-90.02	-540.53	-6,972.00	2,639.43	2,303.08	336.36	7.847		
12,400.00	6,840.00	12,116.01	6,840.00	174.44	170.62	-90.02	-540.06	-7,072.00	2,639.40	2,297.73	341.67	7.725		
12,500.00	6,840.00	12,216.01	6,840.00	177.04	173.29	-90.02	-539.59	-7,171.99	2,639.37	2,292.38	346.99	7.606		
12,600.00	6,840.00	12,316.01	6,840.00	179.64	175.95	-90.02	-539.12	-7,271.99	2,639.34	2,287.02	352.32	7.491		
12,700.00	6,840.00	12,416.01	6,840.00	182.25	178.61	-90.02	-538.66	-7,371.99	2,639.31	2,281.67	357.64	7.380		
12,800.00	6,840.00	12,516.01	6,840.00	184.86	181.28	-90.02	-538.19	-7,471.99	2,639.28	2,276.30	362.97	7.271		
12,900.00	6,840.00	12,616.01	6,840.00	187.47	183.95	-90.02	-537.72	-7,571.99	2,639.25	2,270.94	368.31	7.166		
13,000.00	6,840.00	12,716.01	6,840.00	190.09	186.62	-90.02	-537.25	-7,671.99	2,639.21	2,265.57	373.64	7.063		
13,100.00	6,840.00	12,816.01	6,840.00	192.71	189.29	-90.02	-536.78	-7,771.99	2,639.18	2,260.20	378.98	6.964		
13,200.00	6,840.00	12,916.01	6,840.00	195.34	191.96	-90.02	-536.31	-7,871.99	2,639.15	2,254.83	384.32	6.867		
13,300.00	6,840.00	13,016.01	6,840.00	197.96	194.64	-90.02	-535.84	-7,971.99	2,639.12	2,249.45	389.67	6.773		
13,400.00	6,840.00	13,116.01	6,840.00	200.59	197.31	-90.02	-535.37	-8,071.98	2,639.09	2,244.07	395.02	6.681		
13,500.00	6,840.00	13,216.01	6,840.00	203.22	199.99	-90.02	-534.91	-8,171.98	2,639.06	2,238.69	400.37	6.592		
13,600.00	6,840.00	13,316.01	6,840.00	205.85	202.67	-90.02	-534.44	-8,271.98	2,639.03	2,233.31	405.72	6.505		
13,700.00	6,840.00	13,416.01	6,840.00	208.49	205.35	-90.02	-533.97	-8,371.98	2,638.99	2,227.92	411.07	6.420		
13,800.00	6,840.00	13,516.01	6,840.00	211.13	208.03	-90.02	-533.50	-8,471.98	2,638.96	2,222.53	416.43	6.337		
13,900.00	6,840.00	13,616.01	6,840.00	213.77	210.71	-90.02	-533.03	-8,571.98	2,638.93	2,217.14	421.79	6.257		
14,000.00	6,840.00	13,716.01	6,840.00	216.41	213.39	-90.02	-532.56	-8,671.98	2,638.90	2,211.75	427.15	6.178		
14,100.00	6,840.00	13,816.01	6,840.00	219.06	216.07	-90.02	-532.09	-8,771.98	2,638.87	2,206.36	432.51	6.101		
14,200.00	6,840.00	13,916.01	6,840.00	221.70	218.76	-90.02	-531.62	-8,871.98	2,638.84	2,200.96	437.88	6.026		
14,300.00	6,840.00	14,016.01	6,840.00	224.35	221.44	-90.02	-531.15	-8,971.97	2,638.81	2,195.56	443.24	5.953		
14,400.00	6,840.00	14,116.01	6,840.00	227.00	224.13	-90.02	-530.69	-9,071.97	2,638.77	2,190.16	448.61	5.882		
14,500.00	6,840.00	14,216.01	6,840.00	229.65	226.81	-90.02	-530.22	-9,171.97	2,638.74	2,184.76	453.98	5.812		
14,600.00	6,840.00	14,316.01	6,840.00	232.30	229.50	-90.02	-529.75	-9,271.97	2,638.71	2,179.36	459.35	5.744		
14,700.00	6,840.00	14,416.01	6,840.00	234.96	232.19	-90.02	-529.28	-9,371.97	2,638.68	2,173.95	464.73	5.678		
14,800.00	6,840.00	14,516.01	6,840.00	237.61	234.88	-90.02	-528.81	-9,471.97	2,638.65	2,168.55	470.10	5.613		
14,900.00	6,840.00	14,616.01	6,840.00	240.27	237.57	-90.02	-528.34	-9,571.97	2,638.62	2,163.14	475.48	5.549		
15,000.00	6,840.00	14,716.01	6,840.00	242.93	240.26	-90.02	-527.87	-9,671.97	2,638.59	2,157.73	480.86	5.487		
15,100.00	6,840.00	14,816.01	6,840.00	245.59	242.95	-90.02	-527.40	-9,771.97	2,638.56	2,152.32	486.24	5.426		
15,200.00	6,840.00	14,916.01	6,840.00	248.25	245.64	-90.02	-526.94	-9,871.96	2,638.52	2,146.91	491.62	5.367		
15,300.00	6,840.00	15,016.01	6,840.00	250.92	248.33	-90.02	-526.47	-9,971.96	2,638.49	2,141.49	497.00	5.309		
15,400.00	6,840.00	15,116.01	6,840.00	253.58	251.02	-90.02	-526.00	-10,071.96	2,638.46	2,136.08	502.38	5.252		
15,500.00	6,840.00	15,216.01	6,840.00	256.25	253.72	-90.02	-525.53	-10,171.96	2,638.43	2,130.66	507.77	5.196		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,316.01	6,840.00	258.91	256.41	-90.02	-525.06	-10,271.96	2,638.40	2,125.25	513.15	5.142		
15,700.00	6,840.00	15,416.01	6,840.00	261.58	259.10	-90.02	-524.59	-10,371.96	2,638.37	2,119.83	518.54	5.088		
15,800.00	6,840.00	15,516.01	6,840.00	264.25	261.80	-90.02	-524.12	-10,471.96	2,638.34	2,114.41	523.93	5.036		
15,900.00	6,840.00	15,616.01	6,840.00	266.92	264.49	-90.02	-523.65	-10,571.96	2,638.30	2,108.99	529.31	4.984		
16,000.00	6,840.00	15,716.01	6,840.00	269.59	267.19	-90.02	-523.19	-10,671.96	2,638.27	2,103.57	534.70	4.934		
16,100.00	6,840.00	15,816.01	6,840.00	272.26	269.89	-90.02	-522.72	-10,771.95	2,638.24	2,098.15	540.09	4.885		
16,200.00	6,840.00	15,916.01	6,840.00	274.94	272.58	-90.02	-522.25	-10,871.95	2,638.21	2,092.72	545.49	4.836		
16,300.00	6,840.00	16,016.01	6,840.00	277.61	275.28	-90.02	-521.78	-10,971.95	2,638.18	2,087.30	550.88	4.789		
16,400.00	6,840.00	16,116.01	6,840.00	280.28	277.98	-90.02	-521.31	-11,071.95	2,638.15	2,081.88	556.27	4.743		
16,500.00	6,840.00	16,216.01	6,840.00	282.96	280.68	-90.02	-520.84	-11,171.95	2,638.12	2,076.45	561.67	4.697		
16,600.00	6,840.00	16,316.01	6,840.00	285.64	283.37	-90.02	-520.37	-11,271.95	2,638.09	2,071.02	567.06	4.652		
16,700.00	6,840.00	16,416.01	6,840.00	288.31	286.07	-90.02	-519.90	-11,371.95	2,638.05	2,065.60	572.46	4.608		
16,800.00	6,840.00	16,516.01	6,840.00	290.99	288.77	-90.02	-519.44	-11,471.95	2,638.02	2,060.17	577.86	4.565		
16,900.00	6,840.00	16,616.01	6,840.00	293.67	291.47	-90.02	-518.97	-11,571.95	2,637.99	2,054.74	583.25	4.523		
17,000.00	6,840.00	16,716.01	6,840.00	296.35	294.17	-90.02	-518.50	-11,671.94	2,637.96	2,049.31	588.65	4.481		
17,100.00	6,840.00	16,816.01	6,840.00	299.03	296.87	-90.02	-518.03	-11,771.94	2,637.93	2,043.88	594.05	4.441		
17,200.00	6,840.00	16,916.01	6,840.00	301.71	299.57	-90.02	-517.56	-11,871.94	2,637.90	2,038.45	599.45	4.401		
17,300.00	6,840.00	17,016.01	6,840.00	304.39	302.28	-90.02	-517.09	-11,971.94	2,637.87	2,033.01	604.85	4.361		
17,400.00	6,840.00	17,116.01	6,840.00	307.08	304.98	-90.02	-516.62	-12,071.94	2,637.83	2,027.58	610.25	4.323		
17,500.00	6,840.00	17,216.01	6,840.00	309.76	307.68	-90.02	-516.15	-12,171.94	2,637.80	2,022.15	615.65	4.285		
17,600.00	6,840.00	17,316.01	6,840.00	312.44	310.38	-90.02	-515.68	-12,271.94	2,637.77	2,016.71	621.06	4.247		
17,700.00	6,840.00	17,416.01	6,840.00	315.13	313.08	-90.02	-515.22	-12,371.94	2,637.74	2,011.28	626.46	4.211		
17,800.00	6,840.00	17,516.01	6,840.00	317.81	315.79	-90.02	-514.75	-12,471.94	2,637.71	2,005.84	631.86	4.174		
17,900.00	6,840.00	17,616.01	6,840.00	320.50	318.49	-90.02	-514.28	-12,571.93	2,637.68	2,000.41	637.27	4.139		
18,000.00	6,840.00	17,716.01	6,840.00	323.19	321.19	-90.02	-513.81	-12,671.93	2,637.65	1,994.97	642.67	4.104		
18,100.00	6,840.00	17,816.01	6,840.00	325.87	323.90	-90.02	-513.34	-12,771.93	2,637.61	1,989.53	648.08	4.070		
18,200.00	6,840.00	17,916.01	6,840.00	328.56	326.60	-90.02	-512.87	-12,871.93	2,637.58	1,984.10	653.49	4.036		
18,300.00	6,840.00	18,016.01	6,840.00	331.25	329.30	-90.02	-512.40	-12,971.93	2,637.55	1,978.66	658.89	4.003		
18,400.00	6,840.00	18,116.01	6,840.00	333.94	332.01	-90.02	-511.93	-13,071.93	2,637.52	1,973.22	664.30	3.970		
18,500.00	6,840.00	18,216.01	6,840.00	336.63	334.71	-90.02	-511.47	-13,171.93	2,637.49	1,967.78	669.71	3.938		
18,600.00	6,840.00	18,316.01	6,840.00	339.32	337.42	-90.02	-511.00	-13,271.93	2,637.46	1,962.34	675.12	3.907		
18,700.00	6,840.00	18,416.01	6,840.00	342.01	340.12	-90.02	-510.53	-13,371.93	2,637.43	1,956.90	680.53	3.876		
18,800.00	6,840.00	18,516.01	6,840.00	344.70	342.83	-90.02	-510.06	-13,471.92	2,637.40	1,951.46	685.94	3.845		
18,900.00	6,840.00	18,616.01	6,840.00	347.39	345.53	-90.02	-509.59	-13,571.92	2,637.36	1,946.02	691.35	3.815		
19,000.00	6,840.00	18,716.01	6,840.00	350.08	348.24	-90.02	-509.12	-13,671.92	2,637.33	1,940.58	696.76	3.785		
19,100.00	6,840.00	18,816.01	6,840.00	352.77	350.95	-90.02	-508.65	-13,771.92	2,637.30	1,935.13	702.17	3.756		
19,200.00	6,840.00	18,916.01	6,840.00	355.46	353.65	-90.02	-508.18	-13,871.92	2,637.27	1,929.69	707.58	3.727		
19,300.00	6,840.00	19,016.01	6,840.00	358.16	356.36	-90.02	-507.72	-13,971.92	2,637.24	1,924.25	712.99	3.699		
19,400.00	6,840.00	19,116.01	6,840.00	360.85	359.06	-90.02	-507.25	-14,071.92	2,637.21	1,918.81	718.40	3.671		
19,500.00	6,840.00	19,216.01	6,840.00	363.54	361.77	-90.02	-506.78	-14,171.92	2,637.18	1,913.36	723.81	3.643		
19,600.00	6,840.00	19,316.01	6,840.00	366.24	364.48	-90.02	-506.31	-14,271.92	2,637.14	1,907.92	729.23	3.616		
19,700.00	6,840.00	19,416.01	6,840.00	368.93	367.19	-90.02	-505.84	-14,371.91	2,637.11	1,902.47	734.64	3.590		
19,800.00	6,840.00	19,516.01	6,840.00	371.63	369.89	-90.02	-505.37	-14,471.91	2,637.08	1,897.03	740.05	3.563		
19,900.00	6,840.00	19,616.01	6,840.00	374.32	372.60	-90.02	-504.90	-14,571.91	2,637.05	1,891.58	745.47	3.537		
20,000.00	6,840.00	19,716.01	6,840.00	377.02	375.31	-90.02	-504.43	-14,671.91	2,637.02	1,886.14	750.88	3.512		
20,100.00	6,840.00	19,816.01	6,840.00	379.71	378.02	-90.02	-503.96	-14,771.91	2,636.99	1,880.69	756.30	3.487		
20,200.00	6,840.00	19,916.01	6,840.00	382.41	380.72	-90.02	-503.50	-14,871.91	2,636.96	1,875.24	761.71	3.462		
20,300.00	6,840.00	20,016.01	6,840.00	385.11	383.43	-90.02	-503.03	-14,971.91	2,636.93	1,869.80	767.13	3.437		
20,400.00	6,840.00	20,116.01	6,840.00	387.80	386.14	-90.02	-502.56	-15,071.91	2,636.89	1,864.35	772.54	3.413		
20,500.00	6,840.00	20,216.01	6,840.00	390.50	388.85	-90.02	-502.09	-15,171.91	2,636.86	1,858.90	777.96	3.389		
20,600.00	6,840.00	20,316.01	6,840.00	393.20	391.56	-90.02	-501.62	-15,271.90	2,636.83	1,853.45	783.38	3.366		
20,687.53	6,840.00	20,403.54	6,840.00	395.56	393.93	-90.02	-501.21	-15,359.44	2,636.80	1,848.69	788.12	3.346 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	20,394.72	6,840.00	395.67	393.69	-90.02	-501.25	-15,350.61	2,636.83	1,848.98	787.85	3.347	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.92	-202.92	-0.28	202.92					
100.00	100.00	101.00	99.00	0.13	0.14	-179.92	-202.92	-0.28	202.92	202.65	0.27	744.819		
200.00	200.00	201.00	199.00	0.49	0.50	-179.92	-202.92	-0.28	202.92	201.93	0.99	205.095		
300.00	300.00	301.00	299.00	0.85	0.85	-179.92	-202.92	-0.28	202.92	201.21	1.71	118.921 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-135.61	-202.92	-0.28	204.16	201.74	2.42	84.288		
500.00	499.84	501.16	498.84	1.57	1.57	-136.57	-202.92	-0.28	207.93	204.79	3.14	66.172		
600.00	599.45	601.55	598.45	1.94	1.93	-138.08	-202.92	-0.28	214.35	210.48	3.87	55.388		
700.00	698.70	697.70	697.70	2.32	2.28	-140.04	-202.92	-0.28	223.59	219.00	4.59	48.707		
800.00	797.47	794.93	794.91	2.73	2.62	-141.91	-203.41	-1.77	236.16	230.84	5.31	44.435		
900.00	895.62	891.86	891.72	3.16	2.95	-143.25	-204.95	-6.37	252.33	246.29	6.04	41.759		
1,000.00	993.06	988.36	987.87	3.63	3.29	-144.11	-207.51	-14.03	271.97	265.18	6.79	40.056		
1,100.00	1,089.64	1,084.23	1,083.08	4.14	3.64	-144.54	-211.06	-24.69	294.94	287.38	7.56	39.005		
1,200.00	1,185.27	1,179.31	1,177.07	4.70	4.01	-144.61	-215.58	-38.23	321.14	312.78	8.36	38.395		
1,300.00	1,279.82	1,273.42	1,269.60	5.30	4.39	-144.39	-221.02	-54.54	350.52	341.31	9.20	38.083		
1,400.00	1,373.17	1,366.42	1,360.42	5.96	4.79	-143.94	-227.33	-73.48	383.00	372.91	10.09	37.970		
1,500.00	1,465.21	1,458.15	1,449.33	6.67	5.22	-143.31	-234.48	-94.89	418.54	407.52	11.02	37.989		
1,600.00	1,555.84	1,548.49	1,536.14	7.44	5.68	-142.55	-242.39	-118.61	457.09	445.09	12.00	38.088		
1,700.00	1,645.41	1,637.64	1,620.99	8.26	6.17	-142.04	-251.04	-144.54	497.84	484.81	13.04	38.191		
1,800.00	1,734.94	1,726.14	1,704.34	9.09	6.69	-141.41	-260.45	-172.76	539.11	525.00	14.12	38.191		
1,900.00	1,824.47	1,815.55	1,787.74	9.94	7.25	-140.61	-270.65	-203.33	580.83	565.56	15.26	38.051		
2,000.00	1,913.99	1,906.11	1,872.11	10.80	7.85	-139.88	-281.06	-234.53	622.68	606.22	16.46	37.834		
2,100.00	2,003.52	2,003.34	1,956.48	11.66	8.51	-139.24	-291.47	-265.74	664.60	646.88	17.72	37.504		
2,200.00	2,093.05	2,087.21	2,040.84	12.53	9.08	-138.68	-301.88	-296.94	706.58	687.67	18.91	37.359		
2,300.00	2,182.58	2,177.77	2,125.21	13.40	9.71	-138.18	-312.29	-328.14	748.61	728.45	20.17	37.124		
2,400.00	2,272.11	2,268.32	2,209.58	14.28	10.35	-137.73	-322.69	-359.34	790.68	769.25	21.43	36.897		
2,500.00	2,361.63	2,358.88	2,293.95	15.16	11.00	-137.33	-333.10	-390.54	832.79	810.09	22.70	36.679		
2,600.00	2,451.16	2,449.43	2,378.32	16.04	11.65	-136.96	-343.51	-421.75	874.93	850.94	23.99	36.473		
2,700.00	2,540.69	2,539.98	2,462.69	16.92	12.30	-136.63	-353.92	-452.95	917.10	891.82	25.28	36.278		
2,800.00	2,630.22	2,630.54	2,547.06	17.81	12.96	-136.33	-364.33	-484.15	959.29	932.71	26.58	36.095		
2,900.00	2,719.75	2,721.09	2,631.43	18.70	13.62	-136.06	-374.74	-515.35	1,001.50	973.62	27.88	35.922		
3,000.00	2,809.28	2,811.65	2,715.80	19.58	14.29	-135.80	-385.15	-546.55	1,043.72	1,014.54	29.19	35.759		
3,100.00	2,898.80	2,902.20	2,800.17	20.47	14.95	-135.57	-395.55	-577.76	1,085.97	1,055.47	30.50	35.606		
3,200.00	2,988.33	3,007.25	2,884.54	21.36	15.73	-135.35	-405.96	-608.96	1,128.22	1,096.30	31.92	35.345		
3,300.00	3,077.86	3,083.31	2,968.90	22.26	16.29	-135.15	-416.37	-640.16	1,170.49	1,137.36	33.13	35.325		
3,400.00	3,167.39	3,173.86	3,053.27	23.15	16.97	-134.97	-426.78	-671.36	1,212.77	1,178.31	34.46	35.197		
3,500.00	3,256.92	3,264.42	3,137.64	24.04	17.64	-134.79	-437.19	-702.56	1,255.06	1,219.28	35.78	35.076		
3,600.00	3,346.44	3,354.97	3,222.01	24.93	18.32	-134.63	-447.60	-733.77	1,297.36	1,260.25	37.11	34.962		
3,700.00	3,435.97	3,445.53	3,306.38	25.83	18.99	-134.48	-458.00	-764.97	1,339.66	1,301.23	38.44	34.855		
3,800.00	3,525.50	3,536.08	3,390.75	26.72	19.67	-134.33	-468.41	-796.17	1,381.98	1,342.21	39.77	34.753		
3,900.00	3,615.03	3,626.63	3,475.12	27.62	20.35	-134.20	-478.82	-827.37	1,424.30	1,383.20	41.10	34.656		
4,000.00	3,704.56	3,717.19	3,559.49	28.51	21.03	-134.07	-489.23	-858.57	1,466.62	1,424.19	42.43	34.564		
4,100.00	3,794.09	3,807.74	3,643.86	29.41	21.71	-133.95	-499.64	-889.78	1,508.95	1,465.19	43.77	34.477		
4,200.00	3,883.61	3,898.30	3,728.23	30.30	22.39	-133.84	-510.05	-920.98	1,551.29	1,506.19	45.10	34.394		
4,300.00	3,973.14	3,988.85	3,812.60	31.20	23.07	-133.73	-520.46	-952.18	1,593.63	1,547.19	46.44	34.316		
4,400.00	4,062.67	4,079.40	3,896.96	32.10	23.75	-133.63	-530.86	-983.38	1,635.98	1,588.20	47.78	34.241		
4,500.00	4,152.20	4,169.96	3,981.33	32.99	24.43	-133.53	-541.27	-1,014.58	1,678.33	1,629.21	49.12	34.169		
4,600.00	4,241.73	4,260.51	4,065.70	33.89	25.11	-133.44	-551.68	-1,045.79	1,720.68	1,670.23	50.46	34.101		
4,700.00	4,331.26	4,351.07	4,150.07	34.79	25.80	-133.35	-562.09	-1,076.99	1,763.04	1,711.24	51.80	34.036		
4,800.00	4,420.78	4,441.62	4,234.44	35.69	26.48	-133.27	-572.50	-1,108.19	1,805.40	1,752.26	53.14	33.973		
4,900.00	4,510.31	4,532.17	4,318.81	36.58	27.16	-133.19	-582.91	-1,139.39	1,847.77	1,793.28	54.48	33.913		
5,000.00	4,599.84	4,622.73	4,403.18	37.48	27.85	-133.11	-593.31	-1,170.59	1,890.13	1,834.30	55.83	33.856		
5,100.00	4,689.37	4,713.28	4,487.55	38.38	28.53	-133.04	-603.72	-1,201.80	1,932.50	1,875.33	57.17	33.801		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,803.84	4,571.92	39.28	29.22	-132.97	-614.13	-1,233.00	1,974.87	1,916.35	58.52	33.749		
5,300.00	4,868.42	4,894.39	4,656.29	40.18	29.90	-132.90	-624.54	-1,264.20	2,017.25	1,957.38	59.86	33.698		
5,400.00	4,957.95	4,984.95	4,740.66	41.07	30.59	-132.84	-634.95	-1,295.40	2,059.62	1,998.41	61.21	33.649		
5,500.00	5,047.48	5,075.50	4,825.02	41.97	31.27	-132.78	-645.36	-1,326.61	2,102.00	2,039.44	62.55	33.603		
5,600.00	5,137.01	5,166.05	4,909.39	42.87	31.96	-132.72	-655.77	-1,357.81	2,144.38	2,080.48	63.90	33.558		
5,700.00	5,226.54	5,256.61	4,993.76	43.77	32.64	-132.66	-666.17	-1,389.01	2,186.76	2,121.51	65.25	33.514		
5,800.00	5,316.07	5,347.16	5,078.13	44.67	33.33	-132.61	-676.58	-1,420.21	2,229.14	2,162.55	66.60	33.472		
5,900.00	5,405.59	5,437.72	5,162.50	45.57	34.02	-132.56	-686.99	-1,451.41	2,271.53	2,203.58	67.94	33.432		
6,000.00	5,495.12	5,528.27	5,246.87	46.47	34.70	-132.51	-697.40	-1,482.62	2,313.92	2,244.62	69.29	33.393		
6,100.00	5,584.65	5,618.82	5,331.24	47.37	35.39	-132.46	-707.81	-1,513.82	2,356.30	2,285.66	70.64	33.355		
6,200.00	5,674.18	5,709.38	5,415.61	48.27	36.08	-132.41	-718.22	-1,545.02	2,398.69	2,326.70	71.99	33.319		
6,300.00	5,763.71	5,800.07	5,499.98	49.16	36.76	-132.36	-728.62	-1,576.22	2,441.08	2,367.74	73.34	33.283		
6,400.00	5,853.23	5,909.51	5,584.35	50.06	37.59	-132.32	-739.03	-1,607.42	2,483.47	2,408.64	74.83	33.188		
6,500.00	5,942.76	5,981.04	5,668.72	50.96	38.14	-132.28	-749.44	-1,638.63	2,525.87	2,449.82	76.04	33.217		
6,600.00	6,032.29	6,071.59	5,753.08	51.86	38.82	-132.24	-759.85	-1,669.83	2,568.26	2,490.87	77.39	33.185		
6,700.00	6,121.82	6,162.15	5,837.45	52.76	39.51	-132.20	-770.26	-1,701.03	2,610.66	2,531.91	78.74	33.154		
6,800.00	6,211.35	6,252.70	5,921.82	53.66	40.20	-132.16	-780.67	-1,732.23	2,653.05	2,572.96	80.10	33.124		
6,900.00	6,300.88	6,343.26	6,006.19	54.56	40.89	-132.12	-791.08	-1,763.43	2,695.45	2,614.00	81.45	33.095		
7,000.00	6,390.40	6,433.81	6,090.56	55.46	41.57	-132.09	-801.48	-1,794.64	2,737.85	2,655.05	82.80	33.066		
7,100.00	6,479.90	6,524.37	6,174.94	56.36	42.26	-129.82	-811.89	-1,825.84	2,780.23	2,696.08	84.15	33.038		
7,200.00	6,565.62	6,614.96	6,259.34	57.41	42.95	-114.60	-822.31	-1,857.05	2,821.29	2,735.67	85.62	32.951		
7,300.00	6,643.25	6,703.56	6,341.89	58.67	43.62	-104.51	-832.49	-1,887.58	2,859.44	2,772.18	87.26	32.771		
7,400.00	6,710.45	6,787.49	6,420.08	60.11	44.26	-97.64	-842.14	-1,916.50	2,893.95	2,804.93	89.02	32.510		
7,500.00	6,765.16	6,886.02	6,511.14	61.71	45.05	-93.17	-853.36	-1,952.33	2,924.33	2,833.12	91.21	32.061		
7,600.00	6,805.74	7,049.89	6,646.85	63.40	46.88	-90.95	-869.92	-2,041.66	2,948.81	2,853.61	95.20	30.976		
7,700.00	6,830.93	7,269.72	6,779.39	65.14	50.39	-90.17	-885.68	-2,214.63	2,965.25	2,863.64	101.61	29.182		
7,800.00	6,839.98	7,541.22	6,839.98	66.86	55.71	-90.02	-892.03	-2,476.60	2,971.26	2,860.92	110.34	26.927		
7,900.00	6,840.00	7,638.29	6,840.00	68.58	57.70	-90.02	-891.57	-2,573.68	2,971.23	2,856.79	114.44	25.964		
8,000.00	6,840.00	7,738.29	6,840.00	70.35	59.79	-90.02	-891.10	-2,673.68	2,971.20	2,852.49	118.71	25.029		
8,100.00	6,840.00	7,838.29	6,840.00	72.18	61.94	-90.02	-890.63	-2,773.68	2,971.16	2,848.09	123.07	24.141		
8,200.00	6,840.00	7,938.29	6,840.00	74.06	64.12	-90.02	-890.16	-2,873.68	2,971.13	2,843.61	127.52	23.299		
8,300.00	6,840.00	8,038.29	6,840.00	75.98	66.35	-90.02	-889.69	-2,973.67	2,971.10	2,839.05	132.04	22.501		
8,400.00	6,840.00	8,138.29	6,840.00	77.96	68.61	-90.02	-889.22	-3,073.67	2,971.06	2,834.43	136.63	21.745		
8,500.00	6,840.00	8,238.29	6,840.00	79.97	70.91	-90.02	-888.74	-3,173.67	2,971.03	2,829.75	141.28	21.029		
8,600.00	6,840.00	8,338.29	6,840.00	82.03	73.23	-90.02	-888.27	-3,273.67	2,970.99	2,825.01	145.98	20.351		
8,700.00	6,840.00	8,438.29	6,840.00	84.12	75.59	-90.02	-887.80	-3,373.67	2,970.96	2,820.22	150.74	19.710		
8,800.00	6,840.00	8,538.29	6,840.00	86.25	77.96	-90.02	-887.33	-3,473.67	2,970.92	2,815.39	155.54	19.101		
8,900.00	6,840.00	8,638.29	6,840.00	88.41	80.36	-90.02	-886.86	-3,573.67	2,970.89	2,810.52	160.37	18.525		
9,000.00	6,840.00	8,738.29	6,840.00	90.60	82.78	-90.02	-886.39	-3,673.67	2,970.86	2,805.61	165.25	17.978		
9,100.00	6,840.00	8,838.29	6,840.00	92.82	85.21	-90.02	-885.91	-3,773.67	2,970.82	2,800.66	170.16	17.459		
9,200.00	6,840.00	8,938.29	6,840.00	95.07	87.67	-90.02	-885.44	-3,873.66	2,970.79	2,795.69	175.10	16.966		
9,300.00	6,840.00	9,038.29	6,840.00	97.34	90.14	-90.02	-884.97	-3,973.66	2,970.75	2,790.68	180.07	16.497		
9,400.00	6,840.00	9,138.29	6,840.00	99.64	92.62	-90.02	-884.50	-4,073.66	2,970.72	2,785.65	185.07	16.052		
9,500.00	6,840.00	9,238.29	6,840.00	101.95	95.12	-90.02	-884.03	-4,173.66	2,970.69	2,780.59	190.09	15.628		
9,600.00	6,840.00	9,338.29	6,840.00	104.29	97.62	-90.02	-883.56	-4,273.66	2,970.65	2,775.52	195.13	15.224		
9,700.00	6,840.00	9,438.29	6,840.00	106.64	100.14	-90.02	-883.08	-4,373.66	2,970.62	2,770.42	200.20	14.838		
9,800.00	6,840.00	9,538.29	6,840.00	109.02	102.67	-90.02	-882.61	-4,473.66	2,970.58	2,765.30	205.28	14.471		
9,900.00	6,840.00	9,638.29	6,840.00	111.41	105.21	-90.02	-882.14	-4,573.66	2,970.55	2,760.16	210.38	14.120		
10,000.00	6,840.00	9,738.29	6,840.00	113.81	107.76	-90.02	-881.67	-4,673.66	2,970.51	2,755.01	215.50	13.784		
10,100.00	6,840.00	9,838.29	6,840.00	116.23	110.32	-90.02	-881.20	-4,773.65	2,970.48	2,749.85	220.63	13.463		
10,200.00	6,840.00	9,938.29	6,840.00	118.67	112.88	-90.02	-880.73	-4,873.65	2,970.45	2,744.66	225.78	13.156		
10,300.00	6,840.00	10,038.29	6,840.00	121.11	115.46	-90.02	-880.25	-4,973.65	2,970.41	2,739.47	230.94	12.862		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,138.29	6,840.00	123.57	118.03	-90.02	-879.78	-5,073.65	2,970.38	2,734.26	236.12	12.580		
10,500.00	6,840.00	10,238.29	6,840.00	126.04	120.62	-90.02	-879.31	-5,173.65	2,970.34	2,729.04	241.30	12.310		
10,600.00	6,840.00	10,338.29	6,840.00	128.52	123.21	-90.02	-878.84	-5,273.65	2,970.31	2,723.81	246.50	12.050		
10,700.00	6,840.00	10,438.29	6,840.00	131.01	125.81	-90.02	-878.37	-5,373.65	2,970.27	2,718.57	251.70	11.801		
10,800.00	6,840.00	10,538.29	6,840.00	133.51	128.41	-90.02	-877.90	-5,473.65	2,970.24	2,713.32	256.92	11.561		
10,900.00	6,840.00	10,638.29	6,840.00	136.02	131.01	-90.02	-877.42	-5,573.65	2,970.21	2,708.06	262.15	11.330		
11,000.00	6,840.00	10,738.29	6,840.00	138.53	133.63	-90.02	-876.95	-5,673.64	2,970.17	2,702.79	267.38	11.108		
11,100.00	6,840.00	10,838.29	6,840.00	141.06	136.24	-90.02	-876.48	-5,773.64	2,970.14	2,697.52	272.62	10.895		
11,200.00	6,840.00	10,938.29	6,840.00	143.59	138.86	-90.02	-876.01	-5,873.64	2,970.10	2,692.23	277.87	10.689		
11,300.00	6,840.00	11,038.29	6,840.00	146.13	141.48	-90.02	-875.54	-5,973.64	2,970.07	2,686.94	283.13	10.490		
11,400.00	6,840.00	11,138.29	6,840.00	148.68	144.11	-90.02	-875.07	-6,073.64	2,970.04	2,681.64	288.39	10.299		
11,500.00	6,840.00	11,238.29	6,840.00	151.23	146.74	-90.02	-874.59	-6,173.64	2,970.00	2,676.34	293.66	10.114		
11,600.00	6,840.00	11,338.29	6,840.00	153.79	149.37	-90.02	-874.12	-6,273.64	2,969.97	2,671.03	298.94	9.935		
11,700.00	6,840.00	11,438.29	6,840.00	156.35	152.01	-90.02	-873.65	-6,373.64	2,969.93	2,665.71	304.22	9.763		
11,800.00	6,840.00	11,538.29	6,840.00	158.92	154.65	-90.02	-873.18	-6,473.63	2,969.90	2,660.39	309.51	9.596		
11,900.00	6,840.00	11,638.29	6,840.00	161.49	157.29	-90.02	-872.71	-6,573.63	2,969.86	2,655.07	314.80	9.434		
12,000.00	6,840.00	11,738.29	6,840.00	164.07	159.94	-90.02	-872.24	-6,673.63	2,969.83	2,649.74	320.09	9.278		
12,100.00	6,840.00	11,838.29	6,840.00	166.66	162.58	-90.02	-871.76	-6,773.63	2,969.80	2,644.40	325.40	9.127		
12,200.00	6,840.00	11,938.29	6,840.00	169.25	165.23	-90.02	-871.29	-6,873.63	2,969.76	2,639.06	330.70	8.980		
12,300.00	6,840.00	12,038.29	6,840.00	171.84	167.89	-90.02	-870.82	-6,973.63	2,969.73	2,633.71	336.01	8.838		
12,400.00	6,840.00	12,138.29	6,840.00	174.44	170.54	-90.02	-870.35	-7,073.63	2,969.69	2,628.36	341.33	8.700		
12,500.00	6,840.00	12,238.29	6,840.00	177.04	173.20	-90.02	-869.88	-7,173.63	2,969.66	2,623.01	346.65	8.567		
12,600.00	6,840.00	12,338.29	6,840.00	179.64	175.85	-90.02	-869.41	-7,273.63	2,969.62	2,617.66	351.97	8.437		
12,700.00	6,840.00	12,438.29	6,840.00	182.25	178.52	-90.02	-868.93	-7,373.62	2,969.59	2,612.30	357.30	8.311		
12,800.00	6,840.00	12,538.29	6,840.00	184.86	181.18	-90.02	-868.46	-7,473.62	2,969.56	2,606.93	362.62	8.189		
12,900.00	6,840.00	12,638.29	6,840.00	187.47	183.84	-90.02	-867.99	-7,573.62	2,969.52	2,601.57	367.96	8.070		
13,000.00	6,840.00	12,738.29	6,840.00	190.09	186.51	-90.02	-867.52	-7,673.62	2,969.49	2,596.20	373.29	7.955		
13,100.00	6,840.00	12,838.29	6,840.00	192.71	189.17	-90.02	-867.05	-7,773.62	2,969.45	2,590.82	378.63	7.843		
13,200.00	6,840.00	12,938.29	6,840.00	195.34	191.84	-90.02	-866.58	-7,873.62	2,969.42	2,585.45	383.97	7.733		
13,300.00	6,840.00	13,038.29	6,840.00	197.96	194.51	-90.02	-866.10	-7,973.62	2,969.39	2,580.07	389.32	7.627		
13,400.00	6,840.00	13,138.29	6,840.00	200.59	197.18	-90.02	-865.63	-8,073.62	2,969.35	2,574.69	394.66	7.524		
13,500.00	6,840.00	13,238.29	6,840.00	203.22	199.85	-90.02	-865.16	-8,173.62	2,969.32	2,569.30	400.01	7.423		
13,600.00	6,840.00	13,338.29	6,840.00	205.85	202.53	-90.02	-864.69	-8,273.61	2,969.28	2,563.92	405.36	7.325		
13,700.00	6,840.00	13,438.29	6,840.00	208.49	205.20	-90.02	-864.22	-8,373.61	2,969.25	2,558.53	410.72	7.229		
13,800.00	6,840.00	13,538.29	6,840.00	211.13	207.88	-90.02	-863.75	-8,473.61	2,969.21	2,553.14	416.07	7.136		
13,900.00	6,840.00	13,638.29	6,840.00	213.77	210.56	-90.02	-863.27	-8,573.61	2,969.18	2,547.75	421.43	7.045		
14,000.00	6,840.00	13,738.29	6,840.00	216.41	213.24	-90.02	-862.80	-8,673.61	2,969.15	2,542.35	426.79	6.957		
14,100.00	6,840.00	13,838.29	6,840.00	219.06	215.91	-90.02	-862.33	-8,773.61	2,969.11	2,536.96	432.15	6.870		
14,200.00	6,840.00	13,938.29	6,840.00	221.70	218.60	-90.02	-861.86	-8,873.61	2,969.08	2,531.56	437.52	6.786		
14,300.00	6,840.00	14,038.29	6,840.00	224.35	221.28	-90.02	-861.39	-8,973.61	2,969.04	2,526.16	442.88	6.704		
14,400.00	6,840.00	14,138.29	6,840.00	227.00	223.96	-90.02	-860.92	-9,073.61	2,969.01	2,520.76	448.25	6.624		
14,500.00	6,840.00	14,238.29	6,840.00	229.65	226.64	-90.02	-860.44	-9,173.60	2,968.97	2,515.35	453.62	6.545		
14,600.00	6,840.00	14,338.29	6,840.00	232.30	229.33	-90.02	-859.97	-9,273.60	2,968.94	2,509.95	458.99	6.468		
14,700.00	6,840.00	14,438.29	6,840.00	234.96	232.01	-90.02	-859.50	-9,373.60	2,968.91	2,504.54	464.37	6.393		
14,800.00	6,840.00	14,538.29	6,840.00	237.61	234.70	-90.02	-859.03	-9,473.60	2,968.87	2,499.13	469.74	6.320		
14,900.00	6,840.00	14,638.29	6,840.00	240.27	237.38	-90.02	-858.56	-9,573.60	2,968.84	2,493.72	475.12	6.249		
15,000.00	6,840.00	14,738.29	6,840.00	242.93	240.07	-90.02	-858.09	-9,673.60	2,968.80	2,488.31	480.49	6.179		
15,100.00	6,840.00	14,838.29	6,840.00	245.59	242.76	-90.02	-857.61	-9,773.60	2,968.77	2,482.90	485.87	6.110		
15,200.00	6,840.00	14,938.29	6,840.00	248.25	245.45	-90.02	-857.14	-9,873.60	2,968.74	2,477.48	491.25	6.043		
15,300.00	6,840.00	15,038.29	6,840.00	250.92	248.14	-90.02	-856.67	-9,973.60	2,968.70	2,472.07	496.63	5.978		
15,400.00	6,840.00	15,138.29	6,840.00	253.58	250.83	-90.02	-856.20	-10,073.59	2,968.67	2,466.65	502.02	5.913		
15,500.00	6,840.00	15,238.29	6,840.00	256.25	253.52	-90.02	-855.73	-10,173.59	2,968.63	2,461.23	507.40	5.851		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,338.29	6,840.00	258.91	256.21	-90.02	-855.26	-10,273.59	2,968.60	2,455.81	512.78	5.789		
15,700.00	6,840.00	15,438.29	6,840.00	261.58	258.90	-90.02	-854.79	-10,373.59	2,968.56	2,450.39	518.17	5.729		
15,800.00	6,840.00	15,538.29	6,840.00	264.25	261.59	-90.02	-854.31	-10,473.59	2,968.53	2,444.97	523.56	5.670		
15,900.00	6,840.00	15,638.29	6,840.00	266.92	264.29	-90.02	-853.84	-10,573.59	2,968.50	2,439.55	528.95	5.612		
16,000.00	6,840.00	15,738.29	6,840.00	269.59	266.98	-90.02	-853.37	-10,673.59	2,968.46	2,434.13	534.34	5.555		
16,100.00	6,840.00	15,838.29	6,840.00	272.26	269.67	-90.02	-852.90	-10,773.59	2,968.43	2,428.70	539.73	5.500		
16,200.00	6,840.00	15,938.29	6,840.00	274.94	272.37	-90.02	-852.43	-10,873.59	2,968.39	2,423.28	545.12	5.445		
16,300.00	6,840.00	16,038.29	6,840.00	277.61	275.06	-90.02	-851.96	-10,973.58	2,968.36	2,417.85	550.51	5.392		
16,400.00	6,840.00	16,138.29	6,840.00	280.28	277.76	-90.02	-851.48	-11,073.58	2,968.33	2,412.42	555.90	5.340		
16,500.00	6,840.00	16,238.29	6,840.00	282.96	280.46	-90.02	-851.01	-11,173.58	2,968.29	2,406.99	561.30	5.288		
16,600.00	6,840.00	16,338.29	6,840.00	285.64	283.15	-90.02	-850.54	-11,273.58	2,968.26	2,401.57	566.69	5.238		
16,700.00	6,840.00	16,438.29	6,840.00	288.31	285.85	-90.02	-850.07	-11,373.58	2,968.22	2,396.14	572.09	5.188		
16,800.00	6,840.00	16,538.29	6,840.00	290.99	288.55	-90.02	-849.60	-11,473.58	2,968.19	2,390.70	577.48	5.140		
16,900.00	6,840.00	16,638.29	6,840.00	293.67	291.25	-90.02	-849.13	-11,573.58	2,968.15	2,385.27	582.88	5.092		
17,000.00	6,840.00	16,738.29	6,840.00	296.35	293.94	-90.02	-848.65	-11,673.58	2,968.12	2,379.84	588.28	5.045		
17,100.00	6,840.00	16,838.29	6,840.00	299.03	296.64	-90.02	-848.18	-11,773.58	2,968.09	2,374.41	593.68	4.999		
17,200.00	6,840.00	16,938.29	6,840.00	301.71	299.34	-90.02	-847.71	-11,873.57	2,968.05	2,368.97	599.08	4.954		
17,300.00	6,840.00	17,038.29	6,840.00	304.39	302.04	-90.02	-847.24	-11,973.57	2,968.02	2,363.54	604.48	4.910		
17,400.00	6,840.00	17,138.29	6,840.00	307.08	304.74	-90.02	-846.77	-12,073.57	2,967.98	2,358.10	609.88	4.867		
17,500.00	6,840.00	17,238.29	6,840.00	309.76	307.44	-90.02	-846.30	-12,173.57	2,967.95	2,352.67	615.28	4.824		
17,600.00	6,840.00	17,338.29	6,840.00	312.44	310.14	-90.02	-845.82	-12,273.57	2,967.91	2,347.23	620.68	4.782		
17,700.00	6,840.00	17,438.29	6,840.00	315.13	312.84	-90.02	-845.35	-12,373.57	2,967.88	2,341.79	626.09	4.740		
17,800.00	6,840.00	17,538.29	6,840.00	317.81	315.54	-90.02	-844.88	-12,473.57	2,967.85	2,336.36	631.49	4.700		
17,900.00	6,840.00	17,638.29	6,840.00	320.50	318.25	-90.02	-844.41	-12,573.57	2,967.81	2,330.92	636.89	4.660		
18,000.00	6,840.00	17,738.29	6,840.00	323.19	320.95	-90.02	-843.94	-12,673.57	2,967.78	2,325.48	642.30	4.621		
18,100.00	6,840.00	17,838.29	6,840.00	325.87	323.65	-90.02	-843.47	-12,773.56	2,967.74	2,320.04	647.70	4.582		
18,200.00	6,840.00	17,938.29	6,840.00	328.56	326.35	-90.02	-842.99	-12,873.56	2,967.71	2,314.60	653.11	4.544		
18,300.00	6,840.00	18,038.29	6,840.00	331.25	329.05	-90.02	-842.52	-12,973.56	2,967.68	2,309.16	658.52	4.507		
18,400.00	6,840.00	18,138.29	6,840.00	333.94	331.76	-90.02	-842.05	-13,073.56	2,967.64	2,303.72	663.92	4.470		
18,500.00	6,840.00	18,238.29	6,840.00	336.63	334.46	-90.02	-841.58	-13,173.56	2,967.61	2,298.27	669.33	4.434		
18,600.00	6,840.00	18,338.29	6,840.00	339.32	337.16	-90.02	-841.11	-13,273.56	2,967.57	2,292.83	674.74	4.398		
18,700.00	6,840.00	18,438.29	6,840.00	342.01	339.87	-90.02	-840.64	-13,373.56	2,967.54	2,287.39	680.15	4.363		
18,800.00	6,840.00	18,538.29	6,840.00	344.70	342.57	-90.02	-840.16	-13,473.56	2,967.50	2,281.95	685.56	4.329		
18,900.00	6,840.00	18,638.29	6,840.00	347.39	345.28	-90.02	-839.69	-13,573.56	2,967.47	2,276.50	690.97	4.295		
19,000.00	6,840.00	18,738.29	6,840.00	350.08	347.98	-90.02	-839.22	-13,673.55	2,967.44	2,271.06	696.38	4.261		
19,100.00	6,840.00	18,838.29	6,840.00	352.77	350.69	-90.02	-838.75	-13,773.55	2,967.40	2,265.61	701.79	4.228		
19,200.00	6,840.00	18,938.29	6,840.00	355.46	353.39	-90.02	-838.28	-13,873.55	2,967.37	2,260.17	707.20	4.196		
19,300.00	6,840.00	19,038.29	6,840.00	358.16	356.10	-90.02	-837.81	-13,973.55	2,967.33	2,254.72	712.61	4.164		
19,400.00	6,840.00	19,138.29	6,840.00	360.85	358.80	-90.02	-837.33	-14,073.55	2,967.30	2,249.28	718.02	4.133		
19,500.00	6,840.00	19,238.29	6,840.00	363.54	361.51	-90.02	-836.86	-14,173.55	2,967.26	2,243.83	723.44	4.102		
19,600.00	6,840.00	19,338.29	6,840.00	366.24	364.21	-90.02	-836.39	-14,273.55	2,967.23	2,238.38	728.85	4.071		
19,700.00	6,840.00	19,438.29	6,840.00	368.93	366.92	-90.02	-835.92	-14,373.55	2,967.20	2,232.94	734.26	4.041		
19,800.00	6,840.00	19,538.29	6,840.00	371.63	369.63	-90.02	-835.45	-14,473.55	2,967.16	2,227.49	739.67	4.011		
19,900.00	6,840.00	19,638.29	6,840.00	374.32	372.33	-90.02	-834.98	-14,573.54	2,967.13	2,222.04	745.09	3.982		
20,000.00	6,840.00	19,738.29	6,840.00	377.02	375.04	-90.02	-834.50	-14,673.54	2,967.09	2,216.59	750.50	3.953		
20,100.00	6,840.00	19,838.29	6,840.00	379.71	377.75	-90.02	-834.03	-14,773.54	2,967.06	2,211.14	755.92	3.925		
20,200.00	6,840.00	19,938.29	6,840.00	382.41	380.45	-90.02	-833.56	-14,873.54	2,967.03	2,205.69	761.33	3.897		
20,300.00	6,840.00	20,038.29	6,840.00	385.11	383.16	-90.02	-833.09	-14,973.54	2,966.99	2,200.24	766.75	3.870		
20,400.00	6,840.00	20,138.29	6,840.00	387.80	385.87	-90.02	-832.62	-15,073.54	2,966.96	2,194.79	772.16	3.842		
20,500.00	6,840.00	20,238.29	6,840.00	390.50	388.57	-90.02	-832.15	-15,173.54	2,966.92	2,189.34	777.58	3.816		
20,600.00	6,840.00	20,338.29	6,840.00	393.20	391.28	-90.02	-831.67	-15,273.54	2,966.89	2,183.89	783.00	3.789		
20,678.54	6,840.00	20,416.83	6,840.00	395.32	393.41	-90.02	-831.30	-15,352.07	2,966.86	2,179.61	787.25	3.769		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	20,415.30	6,840.00	395.67	393.37	-90.02	-831.31	-15,350.54	2,966.89	2,179.44	787.45	3.768 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.93	-225.50	-0.28	225.50					
100.00	100.00	101.00	99.00	0.13	0.14	-179.93	-225.50	-0.28	225.50	225.23	0.27	827.725		
200.00	200.00	201.00	199.00	0.49	0.50	-179.93	-225.50	-0.28	225.50	224.51	0.99	227.924		
300.00	300.00	301.00	299.00	0.85	0.85	-179.93	-225.50	-0.28	225.50	223.80	1.71	132.158 CC, ES		
400.00	399.98	401.02	398.98	1.21	1.21	-135.59	-225.50	-0.28	226.75	224.33	2.42	93.613		
500.00	499.84	498.84	498.84	1.57	1.56	-136.45	-225.50	-0.28	230.52	227.38	3.13	73.553		
600.00	599.45	595.31	595.29	1.94	1.90	-137.40	-226.19	-1.71	237.57	233.73	3.84	61.887		
700.00	698.70	691.43	691.29	2.32	2.23	-138.08	-228.29	-6.04	248.58	244.03	4.55	54.669		
800.00	797.47	787.02	786.54	2.73	2.57	-138.46	-231.76	-13.21	263.49	258.21	5.27	49.967		
900.00	895.62	881.86	880.73	3.16	2.92	-138.58	-236.56	-23.16	282.22	276.20	6.02	46.864		
1,000.00	993.06	975.75	973.56	3.63	3.29	-138.47	-242.66	-35.76	304.72	297.92	6.80	44.821		
1,100.00	1,089.64	1,068.48	1,064.76	4.14	3.68	-138.17	-249.97	-50.90	330.92	323.31	7.61	43.499		
1,200.00	1,185.27	1,159.89	1,154.07	4.70	4.09	-137.72	-258.43	-68.40	360.74	352.29	8.45	42.675		
1,300.00	1,279.82	1,249.80	1,241.27	5.30	4.52	-137.15	-267.96	-88.12	394.11	384.77	9.34	42.200		
1,400.00	1,373.17	1,338.07	1,326.17	5.96	4.98	-136.48	-278.47	-109.86	430.95	420.68	10.27	41.969		
1,500.00	1,465.21	1,424.56	1,408.59	6.67	5.46	-135.74	-289.87	-133.44	471.17	459.93	11.24	41.911		
1,600.00	1,555.84	1,509.16	1,488.42	7.44	5.97	-134.94	-302.06	-158.66	514.67	502.41	12.26	41.977		
1,700.00	1,645.41	1,607.08	1,566.61	8.26	6.60	-134.60	-315.12	-185.69	560.70	547.28	13.42	41.784		
1,800.00	1,734.94	1,681.45	1,648.92	9.09	7.11	-134.36	-329.31	-215.05	607.15	592.67	14.48	41.923		
1,900.00	1,824.47	1,769.98	1,731.22	9.94	7.72	-134.15	-343.51	-244.42	653.60	637.94	15.66	41.741		
2,000.00	1,913.99	1,858.51	1,813.53	10.80	8.34	-133.97	-357.70	-273.78	700.06	683.21	16.85	41.541		
2,100.00	2,003.52	1,947.04	1,895.83	11.66	8.97	-133.81	-371.89	-303.14	746.53	728.47	18.06	41.333		
2,200.00	2,093.05	2,035.58	1,978.14	12.53	9.61	-133.67	-386.08	-332.50	793.00	773.72	19.28	41.126		
2,300.00	2,182.58	2,124.11	2,060.44	13.40	10.25	-133.55	-400.27	-361.87	839.47	818.96	20.51	40.924		
2,400.00	2,272.11	2,212.64	2,142.75	14.28	10.90	-133.44	-414.47	-391.23	885.95	864.20	21.75	40.729		
2,500.00	2,361.63	2,301.17	2,225.05	15.16	11.55	-133.34	-428.66	-420.59	932.43	909.43	23.00	40.543		
2,600.00	2,451.16	2,389.70	2,307.36	16.04	12.20	-133.25	-442.85	-449.95	978.91	954.66	24.25	40.366		
2,700.00	2,540.69	2,478.23	2,389.67	16.92	12.86	-133.17	-457.04	-479.32	1,025.39	999.88	25.51	40.199		
2,800.00	2,630.22	2,566.76	2,471.97	17.81	13.52	-133.09	-471.23	-508.68	1,071.87	1,045.10	26.77	40.041		
2,900.00	2,719.75	2,655.29	2,554.28	18.70	14.18	-133.02	-485.43	-538.04	1,118.36	1,090.32	28.03	39.892		
3,000.00	2,809.28	2,743.83	2,636.58	19.58	14.84	-132.96	-499.62	-567.40	1,164.84	1,135.54	29.30	39.751		
3,100.00	2,898.80	2,832.36	2,718.89	20.47	15.50	-132.90	-513.81	-596.77	1,211.33	1,180.76	30.57	39.618		
3,200.00	2,988.33	2,920.89	2,801.19	21.36	16.17	-132.84	-528.00	-626.13	1,257.82	1,225.97	31.85	39.493		
3,300.00	3,077.86	3,009.42	2,883.50	22.26	16.84	-132.79	-542.19	-655.49	1,304.31	1,271.18	33.13	39.375		
3,400.00	3,167.39	3,102.05	2,965.80	23.15	17.53	-132.75	-556.39	-684.85	1,350.80	1,316.37	34.43	39.230		
3,500.00	3,256.92	3,186.48	3,048.11	24.04	18.17	-132.70	-570.58	-714.22	1,397.29	1,361.61	35.68	39.158		
3,600.00	3,346.44	3,275.01	3,130.42	24.93	18.84	-132.66	-584.77	-743.58	1,443.78	1,406.81	36.97	39.058		
3,700.00	3,435.97	3,363.54	3,212.72	25.83	19.51	-132.62	-598.96	-772.94	1,490.27	1,452.02	38.25	38.963		
3,800.00	3,525.50	3,452.08	3,295.03	26.72	20.18	-132.59	-613.15	-802.30	1,536.76	1,497.23	39.53	38.873		
3,900.00	3,615.03	3,540.61	3,377.33	27.62	20.85	-132.55	-627.35	-831.67	1,583.26	1,542.44	40.82	38.787		
4,000.00	3,704.56	3,629.14	3,459.64	28.51	21.52	-132.52	-641.54	-861.03	1,629.75	1,587.64	42.11	38.706		
4,100.00	3,794.09	3,717.67	3,541.94	29.41	22.19	-132.49	-655.73	-890.39	1,676.24	1,632.85	43.39	38.628		
4,200.00	3,883.61	3,806.20	3,624.25	30.30	22.86	-132.46	-669.92	-919.75	1,722.74	1,678.05	44.68	38.555		
4,300.00	3,973.14	3,905.27	3,706.56	31.20	23.61	-132.44	-684.11	-949.12	1,769.23	1,723.18	46.05	38.422		
4,400.00	4,062.67	3,983.26	3,788.86	32.10	24.21	-132.41	-698.31	-978.48	1,815.72	1,768.46	47.26	38.417		
4,500.00	4,152.20	4,071.79	3,871.17	32.99	24.88	-132.39	-712.50	-1,007.84	1,862.22	1,813.66	48.55	38.353		
4,600.00	4,241.73	4,160.33	3,953.47	33.89	25.55	-132.36	-726.69	-1,037.21	1,908.71	1,858.87	49.85	38.292		
4,700.00	4,331.26	4,248.86	4,035.78	34.79	26.23	-132.34	-740.88	-1,066.57	1,955.21	1,904.07	51.14	38.233		
4,800.00	4,420.78	4,337.39	4,118.08	35.69	26.90	-132.32	-755.07	-1,095.93	2,001.70	1,949.27	52.43	38.176		
4,900.00	4,510.31	4,425.92	4,200.39	36.58	27.58	-132.30	-769.27	-1,125.29	2,048.20	1,994.47	53.73	38.122		
5,000.00	4,599.84	4,514.45	4,282.69	37.48	28.25	-132.28	-783.46	-1,154.66	2,094.69	2,039.67	55.02	38.071		
5,100.00	4,689.37	4,602.98	4,365.00	38.38	28.92	-132.26	-797.65	-1,184.02	2,141.19	2,084.87	56.32	38.021		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,691.51	4,447.31	39.28	29.60	-132.24	-811.84	-1,213.38	2,187.69	2,130.07	57.61	37.973		
5,300.00	4,868.42	4,780.04	4,529.61	40.18	30.27	-132.23	-826.03	-1,242.74	2,234.18	2,175.27	58.91	37.927		
5,400.00	4,957.95	4,868.58	4,611.92	41.07	30.95	-132.21	-840.23	-1,272.11	2,280.68	2,220.47	60.20	37.882		
5,500.00	5,047.48	4,957.11	4,694.22	41.97	31.62	-132.19	-854.42	-1,301.47	2,327.17	2,265.67	61.50	37.839		
5,600.00	5,137.01	5,045.64	4,776.53	42.87	32.30	-132.18	-868.61	-1,330.83	2,373.67	2,310.87	62.80	37.798		
5,700.00	5,226.54	5,134.17	4,858.83	43.77	32.97	-132.16	-882.80	-1,360.19	2,420.17	2,356.07	64.10	37.758		
5,800.00	5,316.07	5,222.70	4,941.14	44.67	33.65	-132.15	-896.99	-1,389.56	2,466.66	2,401.27	65.39	37.720		
5,900.00	5,405.59	5,311.23	5,023.44	45.57	34.33	-132.14	-911.19	-1,418.92	2,513.16	2,446.47	66.69	37.683		
6,000.00	5,495.12	5,400.24	5,105.75	46.47	35.01	-132.12	-925.38	-1,448.28	2,559.66	2,491.66	68.00	37.645		
6,100.00	5,584.65	5,488.29	5,188.06	47.37	35.68	-132.11	-939.57	-1,477.64	2,606.15	2,536.86	69.29	37.612		
6,200.00	5,674.18	5,576.83	5,270.36	48.27	36.35	-132.10	-953.76	-1,507.01	2,652.65	2,582.06	70.59	37.578		
6,300.00	5,763.71	5,665.36	5,352.67	49.16	37.03	-132.09	-967.95	-1,536.37	2,699.15	2,627.26	71.89	37.545		
6,400.00	5,853.23	5,753.89	5,434.97	50.06	37.71	-132.08	-982.15	-1,565.73	2,745.65	2,672.46	73.19	37.514		
6,500.00	5,942.76	5,842.42	5,517.28	50.96	38.38	-132.07	-996.34	-1,595.09	2,792.14	2,717.65	74.49	37.483		
6,600.00	6,032.29	5,930.95	5,599.58	51.86	39.06	-132.06	-1,010.53	-1,624.46	2,838.64	2,762.85	75.79	37.453		
6,700.00	6,121.82	6,019.48	5,681.89	52.76	39.74	-132.05	-1,024.72	-1,653.82	2,885.14	2,808.05	77.09	37.424		
6,800.00	6,211.35	6,108.01	5,764.20	53.66	40.41	-132.04	-1,038.91	-1,683.18	2,931.64	2,853.24	78.39	37.396		
6,900.00	6,300.88	6,203.46	5,846.50	54.56	41.14	-132.03	-1,053.11	-1,712.54	2,978.13	2,898.39	79.74	37.346		
7,000.00	6,390.40	6,285.08	5,928.81	55.46	41.77	-132.02	-1,067.30	-1,741.91	3,024.63	2,943.63	81.00	37.342		
7,100.00	6,479.90	6,373.61	6,011.12	56.36	42.44	-129.71	-1,081.49	-1,771.27	3,071.12	2,988.82	82.30	37.316		
7,200.00	6,565.62	6,462.11	6,093.40	57.41	43.12	-113.96	-1,095.68	-1,800.62	3,116.27	3,032.54	83.73	37.218		
7,300.00	6,643.25	6,548.58	6,173.78	58.67	43.78	-103.35	-1,109.54	-1,829.30	3,158.39	3,073.04	85.35	37.006		
7,400.00	6,710.45	6,630.38	6,249.83	60.11	44.41	-96.01	-1,122.65	-1,856.43	3,196.62	3,109.50	87.12	36.694		
7,500.00	6,765.16	6,705.03	6,319.23	61.71	44.98	-90.88	-1,134.62	-1,881.19	3,230.39	3,141.41	88.98	36.307		
7,600.00	6,805.74	6,770.27	6,379.88	63.40	45.48	-87.32	-1,145.08	-1,902.83	3,259.39	3,168.53	90.86	35.873		
7,700.00	6,830.93	6,824.10	6,429.93	65.14	45.89	-84.96	-1,153.71	-1,920.68	3,283.50	3,190.81	92.69	35.425		
7,800.00	6,839.98	7,567.91	6,840.00	66.86	56.96	-90.02	-1,222.47	-2,475.43	3,301.68	3,191.56	110.12	29.983		
7,900.00	6,840.00	7,667.91	6,840.00	68.58	58.93	-90.02	-1,221.99	-2,575.43	3,301.65	3,187.38	114.27	28.893		
8,000.00	6,840.00	7,767.91	6,840.00	70.35	60.95	-90.02	-1,221.51	-2,675.42	3,301.61	3,183.09	118.52	27.856		
8,100.00	6,840.00	7,867.91	6,840.00	72.18	63.02	-90.02	-1,221.03	-2,775.42	3,301.57	3,178.70	122.87	26.871		
8,200.00	6,840.00	7,967.91	6,840.00	74.06	65.13	-90.02	-1,220.56	-2,875.42	3,301.53	3,174.24	127.30	25.936		
8,300.00	6,840.00	8,067.91	6,840.00	75.98	67.29	-90.02	-1,220.08	-2,975.42	3,301.49	3,169.69	131.80	25.049		
8,400.00	6,840.00	8,167.91	6,840.00	77.96	69.49	-90.02	-1,219.60	-3,075.42	3,301.45	3,165.08	136.37	24.209		
8,500.00	6,840.00	8,267.91	6,840.00	79.97	71.73	-90.02	-1,219.12	-3,175.42	3,301.41	3,160.40	141.01	23.413		
8,600.00	6,840.00	8,367.91	6,840.00	82.03	74.00	-90.02	-1,218.65	-3,275.42	3,301.37	3,155.67	145.70	22.659		
8,700.00	6,840.00	8,467.91	6,840.00	84.12	76.30	-90.02	-1,218.17	-3,375.42	3,301.33	3,150.89	150.44	21.945		
8,800.00	6,840.00	8,567.91	6,840.00	86.25	78.63	-90.02	-1,217.69	-3,475.42	3,301.29	3,146.07	155.23	21.268		
8,900.00	6,840.00	8,667.91	6,840.00	88.41	80.98	-90.02	-1,217.21	-3,575.41	3,301.25	3,141.20	160.05	20.626		
9,000.00	6,840.00	8,767.91	6,840.00	90.60	83.35	-90.02	-1,216.74	-3,675.41	3,301.21	3,136.29	164.92	20.017		
9,100.00	6,840.00	8,867.91	6,840.00	92.82	85.75	-90.02	-1,216.26	-3,775.41	3,301.17	3,131.35	169.82	19.439		
9,200.00	6,840.00	8,967.91	6,840.00	95.07	88.16	-90.02	-1,215.78	-3,875.41	3,301.13	3,126.38	174.75	18.890		
9,300.00	6,840.00	9,067.91	6,840.00	97.34	90.60	-90.02	-1,215.31	-3,975.41	3,301.09	3,121.38	179.72	18.368		
9,400.00	6,840.00	9,167.91	6,840.00	99.64	93.05	-90.02	-1,214.83	-4,075.41	3,301.05	3,116.35	184.71	17.872		
9,500.00	6,840.00	9,267.91	6,840.00	101.95	95.51	-90.02	-1,214.35	-4,175.41	3,301.01	3,111.29	189.72	17.399		
9,600.00	6,840.00	9,367.91	6,840.00	104.29	97.99	-90.02	-1,213.87	-4,275.41	3,300.97	3,106.22	194.76	16.949		
9,700.00	6,840.00	9,467.91	6,840.00	106.64	100.48	-90.02	-1,213.40	-4,375.40	3,300.93	3,101.12	199.81	16.520		
9,800.00	6,840.00	9,567.91	6,840.00	109.02	102.98	-90.02	-1,212.92	-4,475.40	3,300.89	3,096.00	204.89	16.110		
9,900.00	6,840.00	9,667.91	6,840.00	111.41	105.50	-90.02	-1,212.44	-4,575.40	3,300.85	3,090.87	209.99	15.719		
10,000.00	6,840.00	9,767.91	6,840.00	113.81	108.02	-90.02	-1,211.96	-4,675.40	3,300.81	3,085.71	215.10	15.346		
10,100.00	6,840.00	9,867.91	6,840.00	116.23	110.55	-90.02	-1,211.49	-4,775.40	3,300.77	3,080.55	220.23	14.988		
10,200.00	6,840.00	9,967.91	6,840.00	118.67	113.10	-90.02	-1,211.01	-4,875.40	3,300.73	3,075.36	225.37	14.646		
10,300.00	6,840.00	10,067.91	6,840.00	121.11	115.65	-90.02	-1,210.53	-4,975.40	3,300.69	3,070.17	230.53	14.318		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	10,167.91	6,840.00	123.57	118.20	-90.02	-1,210.05	-5,075.40	3,300.65	3,064.96	235.70	14.004		
10,500.00	6,840.00	10,267.91	6,840.00	126.04	120.77	-90.02	-1,209.58	-5,175.40	3,300.61	3,059.74	240.88	13.703		
10,600.00	6,840.00	10,367.91	6,840.00	128.52	123.34	-90.02	-1,209.10	-5,275.39	3,300.57	3,054.51	246.07	13.413		
10,700.00	6,840.00	10,467.91	6,840.00	131.01	125.92	-90.02	-1,208.62	-5,375.39	3,300.53	3,049.26	251.27	13.135		
10,800.00	6,840.00	10,567.91	6,840.00	133.51	128.51	-90.02	-1,208.14	-5,475.39	3,300.49	3,044.01	256.48	12.868		
10,900.00	6,840.00	10,667.91	6,840.00	136.02	131.10	-90.02	-1,207.67	-5,575.39	3,300.45	3,038.75	261.70	12.611		
11,000.00	6,840.00	10,767.91	6,840.00	138.53	133.69	-90.02	-1,207.19	-5,675.39	3,300.41	3,033.48	266.94	12.364		
11,100.00	6,840.00	10,867.91	6,840.00	141.06	136.29	-90.02	-1,206.71	-5,775.39	3,300.37	3,028.20	272.17	12.126		
11,200.00	6,840.00	10,967.91	6,840.00	143.59	138.90	-90.02	-1,206.24	-5,875.39	3,300.33	3,022.91	277.42	11.897		
11,300.00	6,840.00	11,067.91	6,840.00	146.13	141.51	-90.02	-1,205.76	-5,975.39	3,300.29	3,017.62	282.67	11.675		
11,400.00	6,840.00	11,167.91	6,840.00	148.68	144.12	-90.02	-1,205.28	-6,075.39	3,300.25	3,012.32	287.93	11.462		
11,500.00	6,840.00	11,267.91	6,840.00	151.23	146.74	-90.02	-1,204.80	-6,175.38	3,300.21	3,007.01	293.20	11.256		
11,600.00	6,840.00	11,367.91	6,840.00	153.79	149.36	-90.02	-1,204.33	-6,275.38	3,300.17	3,001.70	298.47	11.057		
11,700.00	6,840.00	11,467.91	6,840.00	156.35	151.99	-90.02	-1,203.85	-6,375.38	3,300.13	2,996.38	303.75	10.865		
11,800.00	6,840.00	11,567.91	6,840.00	158.92	154.61	-90.02	-1,203.37	-6,475.38	3,300.10	2,991.06	309.04	10.679		
11,900.00	6,840.00	11,667.91	6,840.00	161.49	157.25	-90.02	-1,202.89	-6,575.38	3,300.06	2,985.73	314.33	10.499		
12,000.00	6,840.00	11,767.91	6,840.00	164.07	159.88	-90.02	-1,202.42	-6,675.38	3,300.02	2,980.39	319.62	10.325		
12,100.00	6,840.00	11,867.91	6,840.00	166.66	162.52	-90.02	-1,201.94	-6,775.38	3,299.98	2,975.05	324.92	10.156		
12,200.00	6,840.00	11,967.91	6,840.00	169.25	165.16	-90.02	-1,201.46	-6,875.38	3,299.94	2,969.71	330.23	9.993		
12,300.00	6,840.00	12,067.91	6,840.00	171.84	167.80	-90.02	-1,200.98	-6,975.38	3,299.90	2,964.36	335.54	9.835		
12,400.00	6,840.00	12,167.91	6,840.00	174.44	170.45	-90.02	-1,200.51	-7,075.37	3,299.86	2,959.01	340.85	9.681		
12,500.00	6,840.00	12,267.91	6,840.00	177.04	173.09	-90.02	-1,200.03	-7,175.37	3,299.82	2,953.65	346.17	9.532		
12,600.00	6,840.00	12,367.91	6,840.00	179.64	175.74	-90.02	-1,199.55	-7,275.37	3,299.78	2,948.29	351.49	9.388		
12,700.00	6,840.00	12,467.91	6,840.00	182.25	178.40	-90.02	-1,199.08	-7,375.37	3,299.74	2,942.93	356.81	9.248		
12,800.00	6,840.00	12,567.91	6,840.00	184.86	181.05	-90.02	-1,198.60	-7,475.37	3,299.70	2,937.56	362.14	9.112		
12,900.00	6,840.00	12,667.91	6,840.00	187.47	183.71	-90.02	-1,198.12	-7,575.37	3,299.66	2,932.19	367.47	8.979		
13,000.00	6,840.00	12,767.91	6,840.00	190.09	186.36	-90.02	-1,197.64	-7,675.37	3,299.62	2,926.81	372.80	8.851		
13,100.00	6,840.00	12,867.91	6,840.00	192.71	189.02	-90.02	-1,197.17	-7,775.37	3,299.58	2,921.44	378.14	8.726		
13,200.00	6,840.00	12,967.91	6,840.00	195.34	191.69	-90.02	-1,196.69	-7,875.36	3,299.54	2,916.06	383.48	8.604		
13,300.00	6,840.00	13,067.91	6,840.00	197.96	194.35	-90.02	-1,196.21	-7,975.36	3,299.50	2,910.67	388.82	8.486		
13,400.00	6,840.00	13,167.91	6,840.00	200.59	197.01	-90.02	-1,195.73	-8,075.36	3,299.46	2,905.29	394.17	8.371		
13,500.00	6,840.00	13,267.91	6,840.00	203.22	199.68	-90.02	-1,195.26	-8,175.36	3,299.42	2,899.90	399.52	8.259		
13,600.00	6,840.00	13,367.91	6,840.00	205.85	202.35	-90.02	-1,194.78	-8,275.36	3,299.38	2,894.51	404.87	8.149		
13,700.00	6,840.00	13,467.91	6,840.00	208.49	205.02	-90.02	-1,194.30	-8,375.36	3,299.34	2,889.12	410.22	8.043		
13,800.00	6,840.00	13,567.91	6,840.00	211.13	207.69	-90.02	-1,193.82	-8,475.36	3,299.30	2,883.72	415.57	7.939		
13,900.00	6,840.00	13,667.91	6,840.00	213.77	210.36	-90.02	-1,193.35	-8,575.36	3,299.26	2,878.33	420.93	7.838		
14,000.00	6,840.00	13,767.91	6,840.00	216.41	213.03	-90.02	-1,192.87	-8,675.36	3,299.22	2,872.93	426.29	7.739		
14,100.00	6,840.00	13,867.91	6,840.00	219.06	215.70	-90.02	-1,192.39	-8,775.35	3,299.18	2,867.53	431.65	7.643		
14,200.00	6,840.00	13,967.91	6,840.00	221.70	218.38	-90.02	-1,191.91	-8,875.35	3,299.14	2,862.12	437.01	7.549		
14,300.00	6,840.00	14,067.91	6,840.00	224.35	221.06	-90.02	-1,191.44	-8,975.35	3,299.10	2,856.72	442.38	7.458		
14,400.00	6,840.00	14,167.91	6,840.00	227.00	223.73	-90.02	-1,190.96	-9,075.35	3,299.06	2,851.31	447.74	7.368		
14,500.00	6,840.00	14,267.91	6,840.00	229.65	226.41	-90.02	-1,190.48	-9,175.35	3,299.02	2,845.90	453.11	7.281		
14,600.00	6,840.00	14,367.91	6,840.00	232.30	229.09	-90.02	-1,190.01	-9,275.35	3,298.98	2,840.49	458.48	7.195		
14,700.00	6,840.00	14,467.91	6,840.00	234.96	231.77	-90.02	-1,189.53	-9,375.35	3,298.94	2,835.08	463.86	7.112		
14,800.00	6,840.00	14,567.91	6,840.00	237.61	234.45	-90.02	-1,189.05	-9,475.35	3,298.90	2,829.67	469.23	7.030		
14,900.00	6,840.00	14,667.91	6,840.00	240.27	237.14	-90.02	-1,188.57	-9,575.35	3,298.86	2,824.25	474.60	6.951		
15,000.00	6,840.00	14,767.91	6,840.00	242.93	239.82	-90.02	-1,188.10	-9,675.34	3,298.82	2,818.84	479.98	6.873		
15,100.00	6,840.00	14,867.91	6,840.00	245.59	242.50	-90.02	-1,187.62	-9,775.34	3,298.78	2,813.42	485.36	6.797		
15,200.00	6,840.00	14,967.91	6,840.00	248.25	245.19	-90.02	-1,187.14	-9,875.34	3,298.74	2,808.00	490.74	6.722		
15,300.00	6,840.00	15,067.91	6,840.00	250.92	247.87	-90.02	-1,186.66	-9,975.34	3,298.70	2,802.58	496.12	6.649		
15,400.00	6,840.00	15,167.91	6,840.00	253.58	250.56	-90.02	-1,186.19	-10,075.34	3,298.66	2,797.16	501.50	6.578		
15,500.00	6,840.00	15,267.91	6,840.00	256.25	253.25	-90.02	-1,185.71	-10,175.34	3,298.62	2,791.74	506.88	6.508		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,367.91	6,840.00	258.91	255.93	-90.02	-1,185.23	-10,275.34	3,298.58	2,786.31	512.27	6.439		
15,700.00	6,840.00	15,467.91	6,840.00	261.58	258.62	-90.02	-1,184.75	-10,375.34	3,298.54	2,780.89	517.65	6.372		
15,800.00	6,840.00	15,567.91	6,840.00	264.25	261.31	-90.02	-1,184.28	-10,475.33	3,298.50	2,775.46	523.04	6.306		
15,900.00	6,840.00	15,667.91	6,840.00	266.92	264.00	-90.02	-1,183.80	-10,575.33	3,298.46	2,770.03	528.42	6.242		
16,000.00	6,840.00	15,767.91	6,840.00	269.59	266.69	-90.02	-1,183.32	-10,675.33	3,298.42	2,764.61	533.81	6.179		
16,100.00	6,840.00	15,867.91	6,840.00	272.26	269.38	-90.02	-1,182.85	-10,775.33	3,298.38	2,759.18	539.20	6.117		
16,200.00	6,840.00	15,967.91	6,840.00	274.94	272.07	-90.02	-1,182.37	-10,875.33	3,298.34	2,753.75	544.59	6.057		
16,300.00	6,840.00	16,067.91	6,840.00	277.61	274.77	-90.02	-1,181.89	-10,975.33	3,298.30	2,748.31	549.99	5.997		
16,400.00	6,840.00	16,167.91	6,840.00	280.28	277.46	-90.02	-1,181.41	-11,075.33	3,298.26	2,742.88	555.38	5.939		
16,500.00	6,840.00	16,267.91	6,840.00	282.96	280.15	-90.02	-1,180.94	-11,175.33	3,298.22	2,737.45	560.77	5.882		
16,600.00	6,840.00	16,367.91	6,840.00	285.64	282.85	-90.02	-1,180.46	-11,275.33	3,298.18	2,732.01	566.17	5.825		
16,700.00	6,840.00	16,467.91	6,840.00	288.31	285.54	-90.02	-1,179.98	-11,375.32	3,298.14	2,726.58	571.56	5.770		
16,800.00	6,840.00	16,567.91	6,840.00	290.99	288.23	-90.02	-1,179.50	-11,475.32	3,298.10	2,721.14	576.96	5.716		
16,900.00	6,840.00	16,667.91	6,840.00	293.67	290.93	-90.02	-1,179.03	-11,575.32	3,298.06	2,715.71	582.35	5.663		
17,000.00	6,840.00	16,767.91	6,840.00	296.35	293.62	-90.02	-1,178.55	-11,675.32	3,298.02	2,710.27	587.75	5.611		
17,100.00	6,840.00	16,867.91	6,840.00	299.03	296.32	-90.02	-1,178.07	-11,775.32	3,297.98	2,704.83	593.15	5.560		
17,200.00	6,840.00	16,967.91	6,840.00	301.71	299.02	-90.02	-1,177.59	-11,875.32	3,297.94	2,699.39	598.55	5.510		
17,300.00	6,840.00	17,067.91	6,840.00	304.39	301.71	-90.02	-1,177.12	-11,975.32	3,297.90	2,693.95	603.95	5.461		
17,400.00	6,840.00	17,167.91	6,840.00	307.08	304.41	-90.02	-1,176.64	-12,075.32	3,297.86	2,688.51	609.35	5.412		
17,500.00	6,840.00	17,267.91	6,840.00	309.76	307.11	-90.02	-1,176.16	-12,175.32	3,297.82	2,683.07	614.75	5.364		
17,600.00	6,840.00	17,367.91	6,840.00	312.44	309.81	-90.02	-1,175.68	-12,275.31	3,297.78	2,677.63	620.15	5.318		
17,700.00	6,840.00	17,467.91	6,840.00	315.13	312.51	-90.02	-1,175.21	-12,375.31	3,297.74	2,672.19	625.55	5.272		
17,800.00	6,840.00	17,567.91	6,840.00	317.81	315.20	-90.02	-1,174.73	-12,475.31	3,297.70	2,666.74	630.96	5.227		
17,900.00	6,840.00	17,667.91	6,840.00	320.50	317.90	-90.02	-1,174.25	-12,575.31	3,297.66	2,661.30	636.36	5.182		
18,000.00	6,840.00	17,767.91	6,840.00	323.19	320.60	-90.02	-1,173.78	-12,675.31	3,297.62	2,655.85	641.77	5.138		
18,100.00	6,840.00	17,867.91	6,840.00	325.87	323.30	-90.02	-1,173.30	-12,775.31	3,297.58	2,650.41	647.17	5.095		
18,200.00	6,840.00	17,967.91	6,840.00	328.56	326.00	-90.02	-1,172.82	-12,875.31	3,297.54	2,644.96	652.58	5.053		
18,300.00	6,840.00	18,067.91	6,840.00	331.25	328.70	-90.02	-1,172.34	-12,975.31	3,297.50	2,639.52	657.98	5.012		
18,400.00	6,840.00	18,167.91	6,840.00	333.94	331.40	-90.02	-1,171.87	-13,075.31	3,297.46	2,634.07	663.39	4.971		
18,500.00	6,840.00	18,267.91	6,840.00	336.63	334.11	-90.02	-1,171.39	-13,175.30	3,297.42	2,628.62	668.80	4.930		
18,600.00	6,840.00	18,367.91	6,840.00	339.32	336.81	-90.02	-1,170.91	-13,275.30	3,297.38	2,623.18	674.20	4.891		
18,700.00	6,840.00	18,467.91	6,840.00	342.01	339.51	-90.02	-1,170.43	-13,375.30	3,297.34	2,617.73	679.61	4.852		
18,800.00	6,840.00	18,567.91	6,840.00	344.70	342.21	-90.02	-1,169.96	-13,475.30	3,297.30	2,612.28	685.02	4.813		
18,900.00	6,840.00	18,667.91	6,840.00	347.39	344.91	-90.02	-1,169.48	-13,575.30	3,297.26	2,606.83	690.43	4.776		
19,000.00	6,840.00	18,767.91	6,840.00	350.08	347.62	-90.02	-1,169.00	-13,675.30	3,297.22	2,601.38	695.84	4.738		
19,100.00	6,840.00	18,867.91	6,840.00	352.77	350.32	-90.02	-1,168.52	-13,775.30	3,297.18	2,595.93	701.25	4.702		
19,200.00	6,840.00	18,967.91	6,840.00	355.46	353.02	-90.02	-1,168.05	-13,875.30	3,297.14	2,590.48	706.66	4.666		
19,300.00	6,840.00	19,067.91	6,840.00	358.16	355.73	-90.02	-1,167.57	-13,975.29	3,297.10	2,585.03	712.07	4.630		
19,400.00	6,840.00	19,167.91	6,840.00	360.85	358.43	-90.02	-1,167.09	-14,075.29	3,297.06	2,579.58	717.48	4.595		
19,500.00	6,840.00	19,267.91	6,840.00	363.54	361.13	-90.02	-1,166.61	-14,175.29	3,297.02	2,574.13	722.90	4.561		
19,600.00	6,840.00	19,367.91	6,840.00	366.24	363.84	-90.02	-1,166.14	-14,275.29	3,296.98	2,568.67	728.31	4.527		
19,700.00	6,840.00	19,467.91	6,840.00	368.93	366.54	-90.02	-1,165.66	-14,375.29	3,296.94	2,563.22	733.72	4.493		
19,800.00	6,840.00	19,567.91	6,840.00	371.63	369.25	-90.02	-1,165.18	-14,475.29	3,296.90	2,557.77	739.13	4.460		
19,900.00	6,840.00	19,667.91	6,840.00	374.32	371.95	-90.02	-1,164.71	-14,575.29	3,296.86	2,552.32	744.55	4.428		
20,000.00	6,840.00	19,767.91	6,840.00	377.02	374.66	-90.02	-1,164.23	-14,675.29	3,296.82	2,546.86	749.96	4.396		
20,100.00	6,840.00	19,867.91	6,840.00	379.71	377.36	-90.02	-1,163.75	-14,775.29	3,296.78	2,541.41	755.37	4.364		
20,200.00	6,840.00	19,967.91	6,840.00	382.41	380.07	-90.02	-1,163.27	-14,875.28	3,296.74	2,535.95	760.79	4.333		
20,300.00	6,840.00	20,067.91	6,840.00	385.11	382.77	-90.02	-1,162.80	-14,975.28	3,296.70	2,530.50	766.20	4.303		
20,400.00	6,840.00	20,167.91	6,840.00	387.80	385.48	-90.02	-1,162.32	-15,075.28	3,296.66	2,525.04	771.62	4.272		
20,500.00	6,840.00	20,267.91	6,840.00	390.50	388.19	-90.02	-1,161.84	-15,175.28	3,296.62	2,519.59	777.04	4.243		
20,600.00	6,840.00	20,367.91	6,840.00	393.20	390.89	-90.02	-1,161.36	-15,275.28	3,296.58	2,514.13	782.45	4.213		
20,679.14	6,840.00	20,447.05	6,840.00	395.33	393.03	-90.02	-1,160.99	-15,354.42	3,296.55	2,509.81	786.74	4.190		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	20,442.82	6,840.00	395.67	392.92	-90.02	-1,161.01	-15,350.19	3,296.59	2,509.72	786.87	4.190 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.94	-247.36	-0.28	247.36					
100.00	100.00	101.00	99.00	0.13	0.14	-179.94	-247.36	-0.28	247.36	247.09	0.27	907.957		
200.00	200.00	201.00	199.00	0.49	0.50	-179.94	-247.36	-0.28	247.36	246.37	0.99	250.017		
300.00	300.00	301.00	299.00	0.85	0.85	-179.94	-247.36	-0.28	247.36	245.66	1.71	144.968 CC, ES		
400.00	399.98	398.98	398.98	1.21	1.21	-135.57	-247.36	-0.28	248.61	246.19	2.41	102.948		
500.00	499.84	494.48	494.46	1.57	1.54	-136.00	-248.20	-1.60	253.22	250.11	3.11	81.441		
600.00	599.45	589.61	589.47	1.94	1.87	-136.26	-250.72	-5.58	262.10	258.29	3.81	68.845		
700.00	698.70	684.17	683.70	2.32	2.20	-136.35	-254.89	-12.18	275.19	270.67	4.52	60.873		
800.00	797.47	777.90	776.81	2.73	2.55	-136.28	-260.67	-21.31	292.45	287.20	5.25	55.665		
900.00	895.62	870.58	868.47	3.16	2.92	-136.07	-267.99	-32.86	313.83	307.82	6.01	52.217		
1,000.00	993.06	962.00	958.40	3.63	3.31	-135.75	-276.75	-46.71	339.24	332.44	6.79	49.937		
1,100.00	1,089.64	1,051.93	1,046.32	4.14	3.71	-135.32	-286.87	-62.69	368.60	360.99	7.61	48.456		
1,200.00	1,185.27	1,140.21	1,132.00	4.70	4.14	-134.81	-298.23	-80.63	401.82	393.37	8.45	47.529		
1,300.00	1,279.82	1,226.66	1,215.24	5.30	4.60	-134.24	-310.71	-100.36	438.80	429.46	9.33	47.010		
1,400.00	1,373.17	1,311.14	1,295.86	5.96	5.07	-133.61	-324.21	-121.68	479.42	469.17	10.25	46.766		
1,500.00	1,465.21	1,393.53	1,373.74	6.67	5.57	-132.93	-338.59	-144.39	523.57	512.36	11.21	46.718		
1,600.00	1,555.84	1,473.72	1,448.76	7.44	6.09	-132.21	-353.73	-168.31	571.11	558.91	12.20	46.800		
1,700.00	1,645.41	1,554.33	1,523.38	8.26	6.64	-132.06	-370.03	-194.06	621.27	608.02	13.25	46.897		
1,800.00	1,734.94	1,640.63	1,603.05	9.09	7.26	-132.05	-387.77	-222.09	671.79	657.41	14.38	46.713		
1,900.00	1,824.47	1,726.92	1,682.72	9.94	7.88	-132.05	-405.51	-250.11	722.32	706.78	15.53	46.497		
2,000.00	1,913.99	1,813.22	1,762.38	10.80	8.52	-132.04	-423.26	-278.14	772.84	756.14	16.70	46.266		
2,100.00	2,003.52	1,899.52	1,842.05	11.66	9.16	-132.04	-441.00	-306.17	823.37	805.48	17.89	46.033		
2,200.00	2,093.05	1,985.81	1,921.72	12.53	9.80	-132.04	-458.74	-334.20	873.90	854.81	19.08	45.801		
2,300.00	2,182.58	2,072.11	2,001.38	13.40	10.46	-132.03	-476.49	-362.23	924.42	904.14	20.28	45.578		
2,400.00	2,272.11	2,158.41	2,081.05	14.28	11.11	-132.03	-494.23	-390.26	974.95	953.45	21.49	45.364		
2,500.00	2,361.63	2,244.70	2,160.72	15.16	11.77	-132.03	-511.97	-418.29	1,025.47	1,002.76	22.71	45.162		
2,600.00	2,451.16	2,331.00	2,240.38	16.04	12.43	-132.03	-529.71	-446.32	1,076.00	1,052.07	23.93	44.970		
2,700.00	2,540.69	2,417.30	2,320.05	16.92	13.09	-132.02	-547.46	-474.35	1,126.52	1,101.37	25.15	44.789		
2,800.00	2,630.22	2,503.60	2,399.71	17.81	13.76	-132.02	-565.20	-502.38	1,177.05	1,150.67	26.38	44.619		
2,900.00	2,719.75	2,589.89	2,479.38	18.70	14.42	-132.02	-582.94	-530.41	1,227.57	1,199.96	27.61	44.458		
3,000.00	2,809.28	2,676.19	2,559.05	19.58	15.09	-132.02	-600.69	-558.44	1,278.10	1,249.25	28.85	44.306		
3,100.00	2,898.80	2,762.49	2,638.71	20.47	15.76	-132.02	-618.43	-586.46	1,328.62	1,298.54	30.08	44.163		
3,200.00	2,988.33	2,848.78	2,718.38	21.36	16.43	-132.02	-636.17	-614.49	1,379.15	1,347.82	31.32	44.028		
3,300.00	3,077.86	2,935.08	2,798.05	22.26	17.10	-132.02	-653.92	-642.52	1,429.67	1,397.11	32.57	43.901		
3,400.00	3,167.39	3,021.38	2,877.71	23.15	17.77	-132.01	-671.66	-670.55	1,480.20	1,446.39	33.81	43.781		
3,500.00	3,256.92	3,107.68	2,957.38	24.04	18.44	-132.01	-689.40	-698.58	1,530.72	1,495.67	35.05	43.667		
3,600.00	3,346.44	3,206.03	3,037.05	24.93	19.21	-132.01	-707.14	-726.61	1,581.25	1,544.86	36.39	43.458		
3,700.00	3,435.97	3,280.27	3,116.71	25.83	19.79	-132.01	-724.89	-754.64	1,631.77	1,594.23	37.55	43.457		
3,800.00	3,525.50	3,366.57	3,196.38	26.72	20.47	-132.01	-742.63	-782.67	1,682.30	1,643.50	38.80	43.360		
3,900.00	3,615.03	3,452.86	3,276.05	27.62	21.14	-132.01	-760.37	-810.70	1,732.82	1,692.78	40.05	43.268		
4,000.00	3,704.56	3,539.16	3,355.71	28.51	21.81	-132.01	-778.12	-838.73	1,783.35	1,742.05	41.30	43.181		
4,100.00	3,794.09	3,625.46	3,435.38	29.41	22.49	-132.01	-795.86	-866.76	1,833.88	1,791.32	42.55	43.097		
4,200.00	3,883.61	3,711.76	3,515.05	30.30	23.17	-132.01	-813.60	-894.79	1,884.40	1,840.60	43.81	43.018		
4,300.00	3,973.14	3,801.95	3,594.71	31.20	23.87	-132.01	-831.35	-922.81	1,934.93	1,889.84	45.09	42.916		
4,400.00	4,062.67	3,884.35	3,674.38	32.10	24.52	-132.01	-849.09	-950.84	1,985.45	1,939.14	46.31	42.870		
4,500.00	4,152.20	3,970.65	3,754.04	32.99	25.20	-132.01	-866.83	-978.87	2,035.98	1,988.41	47.57	42.800		
4,600.00	4,241.73	4,056.94	3,833.71	33.89	25.87	-132.00	-884.58	-1,006.90	2,086.50	2,037.68	48.83	42.734		
4,700.00	4,331.26	4,143.24	3,913.38	34.79	26.55	-132.00	-902.32	-1,034.93	2,137.03	2,086.95	50.08	42.671		
4,800.00	4,420.78	4,229.54	3,993.04	35.69	27.23	-132.00	-920.06	-1,062.96	2,187.55	2,136.21	51.34	42.610		
4,900.00	4,510.31	4,315.84	4,072.71	36.58	27.90	-132.00	-937.80	-1,090.99	2,238.08	2,185.48	52.60	42.551		
5,000.00	4,599.84	4,402.13	4,152.38	37.48	28.58	-132.00	-955.55	-1,119.02	2,288.60	2,234.75	53.86	42.495		
5,100.00	4,689.37	4,488.43	4,232.04	38.38	29.26	-132.00	-973.29	-1,147.05	2,339.13	2,284.01	55.11	42.442		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,574.73	4,311.71	39.28	29.94	-132.00	-991.03	-1,175.08	2,389.65	2,333.28	56.37	42.390		
5,300.00	4,868.42	4,661.02	4,391.38	40.18	30.62	-132.00	-1,008.78	-1,203.11	2,440.18	2,382.55	57.63	42.340		
5,400.00	4,957.95	4,747.32	4,471.04	41.07	31.30	-132.00	-1,026.52	-1,231.14	2,490.70	2,431.81	58.89	42.292		
5,500.00	5,047.48	4,833.62	4,550.71	41.97	31.97	-132.00	-1,044.26	-1,259.16	2,541.23	2,481.08	60.15	42.245		
5,600.00	5,137.01	4,919.92	4,630.38	42.87	32.65	-132.00	-1,062.01	-1,287.19	2,591.75	2,530.34	61.42	42.201		
5,700.00	5,226.54	5,006.21	4,710.04	43.77	33.33	-132.00	-1,079.75	-1,315.22	2,642.28	2,579.60	62.68	42.157		
5,800.00	5,316.07	5,107.49	4,789.71	44.67	34.13	-132.00	-1,097.49	-1,343.25	2,692.81	2,628.76	64.04	42.046		
5,900.00	5,405.59	5,178.81	4,869.38	45.57	34.69	-132.00	-1,115.23	-1,371.28	2,743.33	2,678.13	65.20	42.075		
6,000.00	5,495.12	5,265.10	4,949.04	46.47	35.37	-132.00	-1,132.98	-1,399.31	2,793.86	2,727.39	66.46	42.036		
6,100.00	5,584.65	5,351.40	5,028.71	47.37	36.05	-132.00	-1,150.72	-1,427.34	2,844.38	2,776.66	67.73	41.999		
6,200.00	5,674.18	5,437.70	5,108.37	48.27	36.73	-132.00	-1,168.46	-1,455.37	2,894.91	2,825.92	68.99	41.962		
6,300.00	5,763.71	5,524.00	5,188.04	49.16	37.41	-132.00	-1,186.21	-1,483.40	2,945.43	2,875.18	70.25	41.926		
6,400.00	5,853.23	5,610.29	5,267.71	50.06	38.09	-132.00	-1,203.95	-1,511.43	2,995.96	2,924.44	71.52	41.892		
6,500.00	5,942.76	5,703.41	5,347.37	50.96	38.82	-132.00	-1,221.69	-1,539.46	3,046.48	2,973.65	72.83	41.831		
6,600.00	6,032.29	5,782.89	5,427.04	51.86	39.45	-132.00	-1,239.44	-1,567.49	3,097.01	3,022.96	74.04	41.826		
6,700.00	6,121.82	5,869.18	5,506.71	52.76	40.13	-132.00	-1,257.18	-1,595.51	3,147.53	3,072.22	75.31	41.795		
6,800.00	6,211.35	5,955.48	5,586.37	53.66	40.81	-132.00	-1,274.92	-1,623.54	3,198.06	3,121.48	76.57	41.764		
6,900.00	6,300.88	6,041.78	5,666.04	54.56	41.49	-132.00	-1,292.67	-1,651.57	3,248.58	3,170.74	77.84	41.734		
7,000.00	6,390.40	6,128.08	5,745.71	55.46	42.16	-132.00	-1,310.41	-1,679.60	3,299.11	3,220.00	79.11	41.705		
7,100.00	6,479.90	6,214.38	5,825.38	56.36	42.84	-129.63	-1,328.15	-1,707.63	3,349.62	3,269.25	80.37	41.676		
7,200.00	6,565.62	6,300.66	5,905.03	57.41	43.52	-113.30	-1,345.89	-1,735.66	3,398.80	3,317.02	81.78	41.563		
7,300.00	6,643.25	6,384.98	5,982.87	58.67	44.19	-102.16	-1,363.23	-1,763.05	3,444.83	3,361.45	83.38	41.314		
7,400.00	6,710.45	6,464.78	6,056.54	60.11	44.82	-94.35	-1,379.64	-1,788.96	3,486.72	3,401.57	85.15	40.946		
7,500.00	6,765.16	6,537.63	6,123.79	61.71	45.39	-88.82	-1,394.61	-1,812.62	3,523.74	3,436.70	87.04	40.485		
7,600.00	6,805.74	6,601.32	6,182.58	63.40	45.89	-84.96	-1,407.71	-1,833.31	3,555.42	3,466.45	88.97	39.963		
7,700.00	6,830.93	6,653.90	6,231.13	65.14	46.31	-82.37	-1,418.52	-1,850.39	3,581.49	3,490.63	90.87	39.415		
7,800.00	6,839.98	6,706.20	6,267.96	66.86	46.72	-80.82	-1,426.72	-1,863.35	3,601.81	3,509.06	92.75	38.835		
7,900.00	6,840.00	6,726.20	6,297.88	68.58	46.88	-81.24	-1,433.39	-1,873.87	3,620.00	3,525.64	94.35	38.366		
8,000.00	6,840.00	7,817.93	6,840.00	70.35	62.68	-90.02	-1,551.20	-2,677.00	3,631.31	3,512.79	118.51	30.641		
8,100.00	6,840.00	7,917.93	6,840.00	72.18	64.67	-90.02	-1,550.72	-2,777.00	3,631.27	3,508.43	122.84	29.561		
8,200.00	6,840.00	8,017.93	6,840.00	74.06	66.70	-90.02	-1,550.25	-2,877.00	3,631.23	3,503.98	127.25	28.536		
8,300.00	6,840.00	8,117.93	6,840.00	75.98	68.79	-90.02	-1,549.77	-2,977.00	3,631.19	3,499.45	131.74	27.563		
8,400.00	6,840.00	8,217.93	6,840.00	77.96	70.92	-90.02	-1,549.29	-3,076.99	3,631.15	3,494.85	136.30	26.641		
8,500.00	6,840.00	8,317.93	6,840.00	79.97	73.08	-90.02	-1,548.82	-3,176.99	3,631.11	3,490.19	140.92	25.767		
8,600.00	6,840.00	8,417.93	6,840.00	82.03	75.29	-90.02	-1,548.34	-3,276.99	3,631.07	3,485.47	145.60	24.939		
8,700.00	6,840.00	8,517.93	6,840.00	84.12	77.52	-90.02	-1,547.86	-3,376.99	3,631.03	3,480.70	150.33	24.154		
8,800.00	6,840.00	8,617.93	6,840.00	86.25	79.79	-90.02	-1,547.38	-3,476.99	3,630.99	3,475.89	155.10	23.410		
8,900.00	6,840.00	8,717.93	6,840.00	88.41	82.09	-90.02	-1,546.91	-3,576.99	3,630.95	3,471.03	159.92	22.705		
9,000.00	6,840.00	8,817.93	6,840.00	90.60	84.41	-90.02	-1,546.43	-3,676.99	3,630.91	3,466.13	164.78	22.035		
9,100.00	6,840.00	8,917.93	6,840.00	92.82	86.76	-90.02	-1,545.95	-3,776.99	3,630.87	3,461.20	169.67	21.400		
9,200.00	6,840.00	9,017.93	6,840.00	95.07	89.12	-90.02	-1,545.47	-3,876.99	3,630.83	3,456.24	174.59	20.796		
9,300.00	6,840.00	9,117.93	6,840.00	97.34	91.51	-90.02	-1,545.00	-3,976.98	3,630.79	3,451.24	179.55	20.222		
9,400.00	6,840.00	9,217.93	6,840.00	99.64	93.92	-90.02	-1,544.52	-4,076.98	3,630.75	3,446.22	184.53	19.676		
9,500.00	6,840.00	9,317.93	6,840.00	101.95	96.34	-90.02	-1,544.04	-4,176.98	3,630.71	3,441.17	189.53	19.156		
9,600.00	6,840.00	9,417.93	6,840.00	104.29	98.78	-90.02	-1,543.56	-4,276.98	3,630.67	3,436.10	194.56	18.661		
9,700.00	6,840.00	9,517.93	6,840.00	106.64	101.24	-90.02	-1,543.09	-4,376.98	3,630.63	3,431.01	199.62	18.188		
9,800.00	6,840.00	9,617.93	6,840.00	109.02	103.71	-90.02	-1,542.61	-4,476.98	3,630.59	3,425.90	204.69	17.737		
9,900.00	6,840.00	9,717.93	6,840.00	111.41	106.19	-90.02	-1,542.13	-4,576.98	3,630.55	3,420.77	209.78	17.307		
10,000.00	6,840.00	9,817.93	6,840.00	113.81	108.68	-90.02	-1,541.65	-4,676.98	3,630.51	3,415.62	214.88	16.895		
10,100.00	6,840.00	9,917.93	6,840.00	116.23	111.18	-90.02	-1,541.18	-4,776.98	3,630.47	3,410.46	220.01	16.502		
10,200.00	6,840.00	10,017.93	6,840.00	118.67	113.70	-90.02	-1,540.70	-4,876.97	3,630.43	3,405.28	225.14	16.125		
10,300.00	6,840.00	10,117.93	6,840.00	121.11	116.22	-90.02	-1,540.22	-4,976.97	3,630.39	3,400.09	230.30	15.764		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,217.93	6,840.00	123.57	118.76	-90.02	-1,539.74	-5,076.97	3,630.35	3,394.89	235.46	15.418		
10,500.00	6,840.00	10,317.93	6,840.00	126.04	121.30	-90.02	-1,539.27	-5,176.97	3,630.31	3,389.67	240.64	15.086		
10,600.00	6,840.00	10,417.93	6,840.00	128.52	123.85	-90.02	-1,538.79	-5,276.97	3,630.27	3,384.44	245.82	14.768		
10,700.00	6,840.00	10,517.93	6,840.00	131.01	126.40	-90.02	-1,538.31	-5,376.97	3,630.23	3,379.20	251.02	14.462		
10,800.00	6,840.00	10,617.93	6,840.00	133.51	128.97	-90.02	-1,537.84	-5,476.97	3,630.19	3,373.96	256.23	14.168		
10,900.00	6,840.00	10,717.93	6,840.00	136.02	131.54	-90.02	-1,537.36	-5,576.97	3,630.15	3,368.70	261.45	13.885		
11,000.00	6,840.00	10,817.93	6,840.00	138.53	134.11	-90.02	-1,536.88	-5,676.96	3,630.11	3,363.43	266.68	13.612		
11,100.00	6,840.00	10,917.93	6,840.00	141.06	136.70	-90.02	-1,536.40	-5,776.96	3,630.07	3,358.16	271.91	13.350		
11,200.00	6,840.00	11,017.93	6,840.00	143.59	139.28	-90.02	-1,535.93	-5,876.96	3,630.03	3,352.87	277.16	13.097		
11,300.00	6,840.00	11,117.93	6,840.00	146.13	141.88	-90.02	-1,535.45	-5,976.96	3,629.99	3,347.58	282.41	12.854		
11,400.00	6,840.00	11,217.93	6,840.00	148.68	144.47	-90.02	-1,534.97	-6,076.96	3,629.95	3,342.29	287.66	12.619		
11,500.00	6,840.00	11,317.93	6,840.00	151.23	147.08	-90.02	-1,534.49	-6,176.96	3,629.91	3,336.98	292.93	12.392		
11,600.00	6,840.00	11,417.93	6,840.00	153.79	149.68	-90.02	-1,534.02	-6,276.96	3,629.87	3,331.67	298.20	12.173		
11,700.00	6,840.00	11,517.93	6,840.00	156.35	152.29	-90.02	-1,533.54	-6,376.96	3,629.83	3,326.35	303.47	11.961		
11,800.00	6,840.00	11,617.93	6,840.00	158.92	154.91	-90.02	-1,533.06	-6,476.96	3,629.79	3,321.03	308.76	11.756		
11,900.00	6,840.00	11,717.93	6,840.00	161.49	157.52	-90.02	-1,532.58	-6,576.95	3,629.75	3,315.70	314.04	11.558		
12,000.00	6,840.00	11,817.93	6,840.00	164.07	160.15	-90.02	-1,532.11	-6,676.95	3,629.71	3,310.37	319.34	11.366		
12,100.00	6,840.00	11,917.93	6,840.00	166.66	162.77	-90.02	-1,531.63	-6,776.95	3,629.67	3,305.03	324.63	11.181		
12,200.00	6,840.00	12,017.93	6,840.00	169.25	165.40	-90.02	-1,531.15	-6,876.95	3,629.63	3,299.69	329.94	11.001		
12,300.00	6,840.00	12,117.93	6,840.00	171.84	168.03	-90.02	-1,530.67	-6,976.95	3,629.59	3,294.35	335.24	10.827		
12,400.00	6,840.00	12,217.93	6,840.00	174.44	170.66	-90.02	-1,530.20	-7,076.95	3,629.55	3,289.00	340.55	10.658		
12,500.00	6,840.00	12,317.93	6,840.00	177.04	173.30	-90.02	-1,529.72	-7,176.95	3,629.51	3,283.64	345.87	10.494		
12,600.00	6,840.00	12,417.93	6,840.00	179.64	175.94	-90.02	-1,529.24	-7,276.95	3,629.47	3,278.28	351.19	10.335		
12,700.00	6,840.00	12,517.93	6,840.00	182.25	178.58	-90.02	-1,528.76	-7,376.95	3,629.43	3,272.92	356.51	10.180		
12,800.00	6,840.00	12,617.93	6,840.00	184.86	181.23	-90.02	-1,528.29	-7,476.94	3,629.39	3,267.55	361.84	10.030		
12,900.00	6,840.00	12,717.93	6,840.00	187.47	183.87	-90.02	-1,527.81	-7,576.94	3,629.35	3,262.18	367.16	9.885		
13,000.00	6,840.00	12,817.93	6,840.00	190.09	186.52	-90.02	-1,527.33	-7,676.94	3,629.31	3,256.81	372.50	9.743		
13,100.00	6,840.00	12,917.93	6,840.00	192.71	189.17	-90.02	-1,526.86	-7,776.94	3,629.27	3,251.44	377.83	9.606		
13,200.00	6,840.00	13,017.93	6,840.00	195.34	191.82	-90.02	-1,526.38	-7,876.94	3,629.23	3,246.06	383.17	9.472		
13,300.00	6,840.00	13,117.93	6,840.00	197.96	194.48	-90.02	-1,525.90	-7,976.94	3,629.19	3,240.68	388.51	9.341		
13,400.00	6,840.00	13,217.93	6,840.00	200.59	197.14	-90.02	-1,525.42	-8,076.94	3,629.15	3,235.29	393.86	9.214		
13,500.00	6,840.00	13,317.93	6,840.00	203.22	199.79	-90.02	-1,524.95	-8,176.94	3,629.11	3,229.91	399.20	9.091		
13,600.00	6,840.00	13,417.93	6,840.00	205.85	202.45	-90.02	-1,524.47	-8,276.94	3,629.07	3,224.52	404.55	8.971		
13,700.00	6,840.00	13,517.93	6,840.00	208.49	205.12	-90.02	-1,523.99	-8,376.93	3,629.03	3,219.13	409.90	8.853		
13,800.00	6,840.00	13,617.93	6,840.00	211.13	207.78	-90.02	-1,523.51	-8,476.93	3,628.99	3,213.73	415.26	8.739		
13,900.00	6,840.00	13,717.93	6,840.00	213.77	210.44	-90.02	-1,523.04	-8,576.93	3,628.95	3,208.34	420.61	8.628		
14,000.00	6,840.00	13,817.93	6,840.00	216.41	213.11	-90.02	-1,522.56	-8,676.93	3,628.91	3,202.94	425.97	8.519		
14,100.00	6,840.00	13,917.93	6,840.00	219.06	215.78	-90.02	-1,522.08	-8,776.93	3,628.87	3,197.54	431.33	8.413		
14,200.00	6,840.00	14,017.93	6,840.00	221.70	218.44	-90.02	-1,521.60	-8,876.93	3,628.83	3,192.14	436.69	8.310		
14,300.00	6,840.00	14,117.93	6,840.00	224.35	221.11	-90.02	-1,521.13	-8,976.93	3,628.79	3,186.74	442.05	8.209		
14,400.00	6,840.00	14,217.93	6,840.00	227.00	223.79	-90.02	-1,520.65	-9,076.93	3,628.75	3,181.33	447.42	8.110		
14,500.00	6,840.00	14,317.93	6,840.00	229.65	226.46	-90.02	-1,520.17	-9,176.92	3,628.71	3,175.92	452.79	8.014		
14,600.00	6,840.00	14,417.93	6,840.00	232.30	229.13	-90.02	-1,519.69	-9,276.92	3,628.67	3,170.51	458.16	7.920		
14,700.00	6,840.00	14,517.93	6,840.00	234.96	231.81	-90.02	-1,519.22	-9,376.92	3,628.63	3,165.10	463.53	7.828		
14,800.00	6,840.00	14,617.93	6,840.00	237.61	234.48	-90.02	-1,518.74	-9,476.92	3,628.59	3,159.69	468.90	7.739		
14,900.00	6,840.00	14,717.93	6,840.00	240.27	237.16	-90.02	-1,518.26	-9,576.92	3,628.55	3,154.28	474.27	7.651		
15,000.00	6,840.00	14,817.93	6,840.00	242.93	239.84	-90.02	-1,517.78	-9,676.92	3,628.51	3,148.86	479.65	7.565		
15,100.00	6,840.00	14,917.93	6,840.00	245.59	242.52	-90.02	-1,517.31	-9,776.92	3,628.47	3,143.45	485.03	7.481		
15,200.00	6,840.00	15,017.93	6,840.00	248.25	245.19	-90.02	-1,516.83	-9,876.92	3,628.43	3,138.03	490.40	7.399		
15,300.00	6,840.00	15,117.93	6,840.00	250.92	247.88	-90.02	-1,516.35	-9,976.92	3,628.39	3,132.61	495.78	7.319		
15,400.00	6,840.00	15,217.93	6,840.00	253.58	250.56	-90.02	-1,515.88	-10,076.91	3,628.35	3,127.19	501.16	7.240		
15,500.00	6,840.00	15,317.93	6,840.00	256.25	253.24	-90.02	-1,515.40	-10,176.91	3,628.31	3,121.77	506.55	7.163		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,417.93	6,840.00	258.91	255.92	-90.02	-1,514.92	-10,276.91	3,628.27	3,116.34	511.93	7.087		
15,700.00	6,840.00	15,517.93	6,840.00	261.58	258.61	-90.02	-1,514.44	-10,376.91	3,628.23	3,110.92	517.31	7.014		
15,800.00	6,840.00	15,617.93	6,840.00	264.25	261.29	-90.02	-1,513.97	-10,476.91	3,628.19	3,105.49	522.70	6.941		
15,900.00	6,840.00	15,717.93	6,840.00	266.92	263.98	-90.02	-1,513.49	-10,576.91	3,628.15	3,100.07	528.09	6.870		
16,000.00	6,840.00	15,817.93	6,840.00	269.59	266.66	-90.02	-1,513.01	-10,676.91	3,628.11	3,094.64	533.47	6.801		
16,100.00	6,840.00	15,917.93	6,840.00	272.26	269.35	-90.02	-1,512.53	-10,776.91	3,628.07	3,089.21	538.86	6.733		
16,200.00	6,840.00	16,017.93	6,840.00	274.94	272.04	-90.02	-1,512.06	-10,876.91	3,628.03	3,083.78	544.25	6.666		
16,300.00	6,840.00	16,117.93	6,840.00	277.61	274.72	-90.02	-1,511.58	-10,976.90	3,627.99	3,078.35	549.64	6.601		
16,400.00	6,840.00	16,217.93	6,840.00	280.28	277.41	-90.02	-1,511.10	-11,076.90	3,627.95	3,072.92	555.03	6.536		
16,500.00	6,840.00	16,317.93	6,840.00	282.96	280.10	-90.02	-1,510.62	-11,176.90	3,627.91	3,067.48	560.43	6.473		
16,600.00	6,840.00	16,417.93	6,840.00	285.64	282.79	-90.02	-1,510.15	-11,276.90	3,627.87	3,062.05	565.82	6.412		
16,700.00	6,840.00	16,517.93	6,840.00	288.31	285.48	-90.02	-1,509.67	-11,376.90	3,627.83	3,056.62	571.22	6.351		
16,800.00	6,840.00	16,617.93	6,840.00	290.99	288.17	-90.02	-1,509.19	-11,476.90	3,627.79	3,051.18	576.61	6.292		
16,900.00	6,840.00	16,717.93	6,840.00	293.67	290.86	-90.02	-1,508.71	-11,576.90	3,627.75	3,045.75	582.01	6.233		
17,000.00	6,840.00	16,817.93	6,840.00	296.35	293.56	-90.02	-1,508.24	-11,676.90	3,627.71	3,040.31	587.40	6.176		
17,100.00	6,840.00	16,917.93	6,840.00	299.03	296.25	-90.02	-1,507.76	-11,776.90	3,627.67	3,034.87	592.80	6.120		
17,200.00	6,840.00	17,017.93	6,840.00	301.71	298.94	-90.02	-1,507.28	-11,876.89	3,627.63	3,029.43	598.20	6.064		
17,300.00	6,840.00	17,117.93	6,840.00	304.39	301.64	-90.02	-1,506.80	-11,976.89	3,627.59	3,023.99	603.60	6.010		
17,400.00	6,840.00	17,217.93	6,840.00	307.08	304.33	-90.02	-1,506.33	-12,076.89	3,627.55	3,018.55	609.00	5.957		
17,500.00	6,840.00	17,317.93	6,840.00	309.76	307.02	-90.02	-1,505.85	-12,176.89	3,627.51	3,013.11	614.40	5.904		
17,600.00	6,840.00	17,417.93	6,840.00	312.44	309.72	-90.02	-1,505.37	-12,276.89	3,627.47	3,007.67	619.80	5.853		
17,700.00	6,840.00	17,517.93	6,840.00	315.13	312.42	-90.02	-1,504.90	-12,376.89	3,627.43	3,002.23	625.20	5.802		
17,800.00	6,840.00	17,617.93	6,840.00	317.81	315.11	-90.02	-1,504.42	-12,476.89	3,627.39	2,996.79	630.61	5.752		
17,900.00	6,840.00	17,717.93	6,840.00	320.50	317.81	-90.02	-1,503.94	-12,576.89	3,627.35	2,991.34	636.01	5.703		
18,000.00	6,840.00	17,817.93	6,840.00	323.19	320.50	-90.02	-1,503.46	-12,676.88	3,627.31	2,985.90	641.41	5.655		
18,100.00	6,840.00	17,917.93	6,840.00	325.87	323.20	-90.02	-1,502.99	-12,776.88	3,627.27	2,980.46	646.82	5.608		
18,200.00	6,840.00	18,017.93	6,840.00	328.56	325.90	-90.02	-1,502.51	-12,876.88	3,627.23	2,975.01	652.22	5.561		
18,300.00	6,840.00	18,117.93	6,840.00	331.25	328.60	-90.02	-1,502.03	-12,976.88	3,627.19	2,969.56	657.63	5.516		
18,400.00	6,840.00	18,217.93	6,840.00	333.94	331.29	-90.02	-1,501.55	-13,076.88	3,627.15	2,964.12	663.03	5.471		
18,500.00	6,840.00	18,317.93	6,840.00	336.63	333.99	-90.02	-1,501.08	-13,176.88	3,627.11	2,958.67	668.44	5.426		
18,600.00	6,840.00	18,417.93	6,840.00	339.32	336.69	-90.02	-1,500.60	-13,276.88	3,627.07	2,953.22	673.85	5.383		
18,700.00	6,840.00	18,517.93	6,840.00	342.01	339.39	-90.02	-1,500.12	-13,376.88	3,627.03	2,947.78	679.26	5.340		
18,800.00	6,840.00	18,617.93	6,840.00	344.70	342.09	-90.02	-1,499.64	-13,476.88	3,626.99	2,942.33	684.66	5.297		
18,900.00	6,840.00	18,717.93	6,840.00	347.39	344.79	-90.02	-1,499.17	-13,576.87	3,626.95	2,936.88	690.07	5.256		
19,000.00	6,840.00	18,817.93	6,840.00	350.08	347.49	-90.02	-1,498.69	-13,676.87	3,626.91	2,931.43	695.48	5.215		
19,100.00	6,840.00	18,917.93	6,840.00	352.77	350.19	-90.02	-1,498.21	-13,776.87	3,626.87	2,925.98	700.89	5.175		
19,200.00	6,840.00	19,017.93	6,840.00	355.46	352.89	-90.02	-1,497.73	-13,876.87	3,626.83	2,920.53	706.30	5.135		
19,300.00	6,840.00	19,117.93	6,840.00	358.16	355.59	-90.02	-1,497.26	-13,976.87	3,626.79	2,915.08	711.71	5.096		
19,400.00	6,840.00	19,217.93	6,840.00	360.85	358.29	-90.02	-1,496.78	-14,076.87	3,626.75	2,909.63	717.12	5.057		
19,500.00	6,840.00	19,317.93	6,840.00	363.54	361.00	-90.02	-1,496.30	-14,176.87	3,626.71	2,904.18	722.53	5.019		
19,600.00	6,840.00	19,417.93	6,840.00	366.24	363.70	-90.02	-1,495.83	-14,276.87	3,626.67	2,898.73	727.95	4.982		
19,700.00	6,840.00	19,517.93	6,840.00	368.93	366.40	-90.02	-1,495.35	-14,376.87	3,626.63	2,893.27	733.36	4.945		
19,800.00	6,840.00	19,617.93	6,840.00	371.63	369.10	-90.02	-1,494.87	-14,476.86	3,626.59	2,887.82	738.77	4.909		
19,900.00	6,840.00	19,717.93	6,840.00	374.32	371.81	-90.02	-1,494.39	-14,576.86	3,626.55	2,882.37	744.18	4.873		
20,000.00	6,840.00	19,817.93	6,840.00	377.02	374.51	-90.02	-1,493.92	-14,676.86	3,626.51	2,876.92	749.60	4.838		
20,100.00	6,840.00	19,917.93	6,840.00	379.71	377.21	-90.02	-1,493.44	-14,776.86	3,626.47	2,871.46	755.01	4.803		
20,200.00	6,840.00	20,017.93	6,840.00	382.41	379.92	-90.02	-1,492.96	-14,876.86	3,626.43	2,866.01	760.43	4.769		
20,300.00	6,840.00	20,117.93	6,840.00	385.11	382.62	-90.02	-1,492.48	-14,976.86	3,626.39	2,860.55	765.84	4.735		
20,400.00	6,840.00	20,217.93	6,840.00	387.80	385.32	-90.02	-1,492.01	-15,076.86	3,626.35	2,855.10	771.26	4.702		
20,500.00	6,840.00	20,317.93	6,840.00	390.50	388.03	-90.02	-1,491.53	-15,176.86	3,626.31	2,849.64	776.67	4.669		
20,600.00	6,840.00	20,417.93	6,840.00	393.20	390.73	-90.02	-1,491.05	-15,276.86	3,626.27	2,844.19	782.09	4.637		
20,681.13	6,840.00	20,499.06	6,840.00	395.39	392.93	-90.02	-1,490.66	-15,357.98	3,626.24	2,839.76	786.48	4.611 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	20,491.19	6,840.00	395.67	392.71	-90.02	-1,490.70	-15,350.11	3,626.28	2,839.80	786.48	4.611	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.94	-270.31	-0.28	270.31					
100.00	100.00	101.00	99.00	0.13	0.14	-179.94	-270.31	-0.28	270.31	270.04	0.27	992.200		
200.00	200.00	201.00	199.00	0.49	0.50	-179.94	-270.31	-0.28	270.31	269.32	0.99	273.215		
300.00	300.00	299.00	299.00	0.85	0.85	-179.94	-270.31	-0.28	270.31	268.61	1.70	159.087 CC, ES		
400.00	399.98	393.51	393.49	1.21	1.18	-135.27	-271.25	-1.48	272.55	270.17	2.39	114.240		
500.00	499.84	487.68	487.54	1.57	1.50	-135.14	-274.10	-5.12	279.30	276.22	3.08	90.791		
600.00	599.45	581.29	580.84	1.94	1.84	-134.93	-278.82	-11.14	290.52	286.74	3.78	76.838		
700.00	698.70	674.07	673.01	2.32	2.19	-134.64	-285.35	-19.48	306.18	301.68	4.50	68.017		
800.00	797.47	765.77	763.72	2.73	2.56	-134.30	-293.60	-30.03	326.22	320.98	5.24	62.248		
900.00	895.62	856.14	852.65	3.16	2.95	-133.91	-303.48	-42.65	350.55	344.55	6.00	58.413		
1,000.00	993.06	944.96	939.52	3.63	3.36	-133.47	-314.87	-57.21	379.10	372.31	6.79	55.861		
1,100.00	1,089.64	1,032.02	1,024.08	4.14	3.78	-132.99	-327.65	-73.53	411.74	404.14	7.60	54.177		
1,200.00	1,185.27	1,117.15	1,106.12	4.70	4.23	-132.48	-341.66	-91.43	448.36	439.92	8.44	53.146		
1,300.00	1,279.82	1,200.19	1,185.45	5.30	4.70	-131.93	-356.77	-110.74	488.83	479.53	9.31	52.532		
1,400.00	1,373.17	1,280.99	1,261.93	5.96	5.20	-131.34	-372.83	-131.25	533.03	522.82	10.21	52.211		
1,500.00	1,465.21	1,359.45	1,335.47	6.67	5.71	-130.71	-389.69	-152.79	580.79	569.65	11.14	52.125		
1,600.00	1,555.84	1,435.48	1,405.98	7.44	6.23	-130.04	-407.21	-175.17	631.97	619.87	12.10	52.220		
1,700.00	1,645.41	1,512.14	1,476.33	8.26	6.79	-130.04	-425.98	-199.16	685.83	672.72	13.11	52.311		
1,800.00	1,734.94	1,603.89	1,553.16	9.09	7.48	-130.22	-446.87	-225.84	740.10	725.82	14.27	51.856		
1,900.00	1,824.47	1,680.09	1,629.99	9.94	8.06	-130.37	-467.76	-252.53	794.37	779.02	15.35	51.745		
2,000.00	1,913.99	1,764.06	1,706.82	10.80	8.71	-130.50	-488.65	-279.22	848.64	832.15	16.50	51.448		
2,100.00	2,003.52	1,848.04	1,783.66	11.66	9.36	-130.61	-509.54	-305.90	902.92	885.27	17.65	51.157		
2,200.00	2,093.05	1,932.01	1,860.49	12.53	10.02	-130.71	-530.43	-332.59	957.20	938.39	18.81	50.876		
2,300.00	2,182.58	2,015.98	1,937.32	13.40	10.68	-130.81	-551.32	-359.28	1,011.49	991.50	19.99	50.608		
2,400.00	2,272.11	2,099.96	2,014.15	14.28	11.35	-130.89	-572.20	-385.96	1,065.77	1,044.60	21.16	50.355		
2,500.00	2,361.63	2,183.93	2,090.98	15.16	12.01	-130.96	-593.09	-412.65	1,120.06	1,097.71	22.35	50.116		
2,600.00	2,451.16	2,267.91	2,167.82	16.04	12.68	-131.03	-613.98	-439.34	1,174.34	1,150.80	23.54	49.891		
2,700.00	2,540.69	2,351.88	2,244.65	16.92	13.35	-131.09	-634.87	-466.02	1,228.63	1,203.90	24.73	49.680		
2,800.00	2,630.22	2,435.86	2,321.48	17.81	14.03	-131.14	-655.76	-492.71	1,282.92	1,256.99	25.93	49.482		
2,900.00	2,719.75	2,519.83	2,398.31	18.70	14.70	-131.20	-676.65	-519.40	1,337.21	1,310.08	27.13	49.296		
3,000.00	2,809.28	2,603.80	2,475.14	19.58	15.38	-131.24	-697.54	-546.08	1,391.50	1,363.17	28.33	49.121		
3,100.00	2,898.80	2,687.78	2,551.98	20.47	16.05	-131.29	-718.43	-572.77	1,445.79	1,416.26	29.53	48.956		
3,200.00	2,988.33	2,771.75	2,628.81	21.36	16.73	-131.33	-739.31	-599.46	1,500.08	1,469.34	30.74	48.801		
3,300.00	3,077.86	2,855.73	2,705.64	22.26	17.41	-131.37	-760.20	-626.14	1,554.37	1,522.42	31.95	48.655		
3,400.00	3,167.39	2,939.70	2,782.47	23.15	18.09	-131.40	-781.09	-652.83	1,608.66	1,575.51	33.16	48.518		
3,500.00	3,256.92	3,023.68	2,859.30	24.04	18.76	-131.43	-801.98	-679.52	1,662.96	1,628.59	34.37	48.388		
3,600.00	3,346.44	3,107.65	2,936.14	24.93	19.44	-131.46	-822.87	-706.20	1,717.25	1,681.67	35.58	48.265		
3,700.00	3,435.97	3,208.38	3,012.97	25.83	20.26	-131.49	-843.76	-732.89	1,771.54	1,734.63	36.91	47.995		
3,800.00	3,525.50	3,275.60	3,089.80	26.72	20.80	-131.52	-864.65	-759.58	1,825.84	1,787.83	38.01	48.037		
3,900.00	3,615.03	3,359.57	3,166.63	27.62	21.49	-131.55	-885.54	-786.27	1,880.13	1,840.90	39.22	47.932		
4,000.00	3,704.56	3,443.55	3,243.46	28.51	22.17	-131.57	-906.42	-812.95	1,934.42	1,893.98	40.44	47.833		
4,100.00	3,794.09	3,527.52	3,320.30	29.41	22.85	-131.59	-927.31	-839.64	1,988.72	1,947.06	41.66	47.738		
4,200.00	3,883.61	3,611.50	3,397.13	30.30	23.53	-131.61	-948.20	-866.33	2,043.01	2,000.13	42.88	47.647		
4,300.00	3,973.14	3,704.53	3,473.96	31.20	24.29	-131.64	-969.09	-893.01	2,097.31	2,053.15	44.16	47.492		
4,400.00	4,062.67	3,779.45	3,550.79	32.10	24.90	-131.65	-989.98	-919.70	2,151.60	2,106.28	45.32	47.479		
4,500.00	4,152.20	3,863.42	3,627.63	32.99	25.58	-131.67	-1,010.87	-946.39	2,205.90	2,159.36	46.54	47.400		
4,600.00	4,241.73	3,947.39	3,704.46	33.89	26.26	-131.69	-1,031.76	-973.07	2,260.19	2,212.43	47.76	47.325		
4,700.00	4,331.26	4,031.37	3,781.29	34.79	26.95	-131.71	-1,052.65	-999.76	2,314.49	2,265.51	48.98	47.252		
4,800.00	4,420.78	4,115.34	3,858.12	35.69	27.63	-131.72	-1,073.54	-1,026.45	2,368.78	2,318.58	50.20	47.183		
4,900.00	4,510.31	4,200.68	3,934.95	36.58	28.32	-131.74	-1,094.42	-1,053.13	2,423.08	2,371.64	51.44	47.108		
5,000.00	4,599.84	4,283.29	4,011.79	37.48	29.00	-131.75	-1,115.31	-1,079.82	2,477.37	2,424.72	52.65	47.053		
5,100.00	4,689.37	4,367.27	4,088.62	38.38	29.68	-131.77	-1,136.20	-1,106.51	2,531.67	2,477.80	53.87	46.992		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,451.24	4,165.45	39.28	30.36	-131.78	-1,157.09	-1,133.19	2,585.97	2,530.87	55.10	46.933		
5,300.00	4,868.42	4,535.22	4,242.28	40.18	31.05	-131.79	-1,177.98	-1,159.88	2,640.26	2,583.94	56.32	46.876		
5,400.00	4,957.95	4,619.19	4,319.11	41.07	31.73	-131.81	-1,198.87	-1,186.57	2,694.56	2,637.01	57.55	46.822		
5,500.00	5,047.48	4,703.16	4,395.95	41.97	32.42	-131.82	-1,219.76	-1,213.25	2,748.85	2,690.08	58.78	46.769		
5,600.00	5,137.01	4,787.14	4,472.78	42.87	33.10	-131.83	-1,240.65	-1,239.94	2,803.15	2,743.15	60.00	46.718		
5,700.00	5,226.54	4,871.11	4,549.61	43.77	33.79	-131.84	-1,261.53	-1,266.63	2,857.45	2,796.22	61.23	46.669		
5,800.00	5,316.07	4,955.09	4,626.44	44.67	34.47	-131.85	-1,282.42	-1,293.31	2,911.74	2,849.29	62.45	46.622		
5,900.00	5,405.59	5,039.06	4,703.27	45.57	35.16	-131.86	-1,303.31	-1,320.00	2,966.04	2,902.36	63.68	46.576		
6,000.00	5,495.12	5,123.04	4,780.11	46.47	35.84	-131.87	-1,324.20	-1,346.69	3,020.34	2,955.43	64.91	46.531		
6,100.00	5,584.65	5,207.01	4,856.94	47.37	36.53	-131.88	-1,345.09	-1,373.37	3,074.63	3,008.50	66.14	46.488		
6,200.00	5,674.18	5,309.02	4,933.77	48.27	37.36	-131.89	-1,365.98	-1,400.06	3,128.93	3,061.44	67.49	46.358		
6,300.00	5,763.71	5,374.96	5,010.60	49.16	37.90	-131.90	-1,386.87	-1,426.75	3,183.23	3,114.63	68.60	46.406		
6,400.00	5,853.23	5,458.93	5,087.44	50.06	38.58	-131.91	-1,407.76	-1,453.43	3,237.52	3,167.70	69.82	46.367		
6,500.00	5,942.76	5,542.91	5,164.27	50.96	39.27	-131.92	-1,428.64	-1,480.12	3,291.82	3,220.77	71.05	46.329		
6,600.00	6,032.29	5,626.88	5,241.10	51.86	39.95	-131.92	-1,449.53	-1,506.81	3,346.12	3,273.83	72.28	46.292		
6,700.00	6,121.82	5,710.86	5,317.93	52.76	40.64	-131.93	-1,470.42	-1,533.49	3,400.41	3,326.90	73.51	46.256		
6,800.00	6,211.35	5,805.17	5,394.76	53.66	41.41	-131.94	-1,491.31	-1,560.18	3,454.71	3,379.89	74.82	46.175		
6,900.00	6,300.88	5,878.80	5,471.60	54.56	42.01	-131.95	-1,512.20	-1,586.87	3,509.01	3,433.03	75.97	46.187		
7,000.00	6,390.40	5,962.78	5,548.43	55.46	42.69	-131.95	-1,533.09	-1,613.55	3,563.31	3,486.10	77.21	46.154		
7,100.00	6,479.90	6,046.76	5,625.27	56.36	43.38	-129.53	-1,553.98	-1,640.24	3,617.59	3,539.15	78.44	46.120		
7,200.00	6,565.62	6,130.74	5,702.10	57.41	44.06	-112.61	-1,574.87	-1,666.93	3,670.53	3,590.72	79.81	45.990		
7,300.00	6,643.25	6,212.83	5,777.22	58.67	44.74	-100.95	-1,595.29	-1,693.02	3,720.24	3,638.84	81.40	45.704		
7,400.00	6,710.45	6,290.55	5,848.32	60.11	45.37	-92.70	-1,614.62	-1,717.72	3,765.55	3,682.39	83.16	45.279		
7,500.00	6,765.16	6,361.54	5,913.27	61.71	45.95	-86.81	-1,632.28	-1,740.28	3,805.62	3,720.57	85.06	44.743		
7,600.00	6,805.74	6,423.62	5,970.08	63.40	46.46	-82.67	-1,647.72	-1,760.01	3,839.84	3,752.83	87.01	44.132		
7,700.00	6,830.93	6,474.93	6,017.02	65.14	46.88	-79.89	-1,660.49	-1,776.31	3,867.79	3,778.84	88.95	43.483		
7,800.00	6,839.98	6,513.90	6,052.67	66.86	47.19	-78.23	-1,670.18	-1,788.70	3,889.24	3,798.44	90.80	42.834		
7,900.00	6,840.00	6,545.59	6,081.66	68.58	47.45	-78.60	-1,678.06	-1,798.77	3,908.04	3,815.46	92.58	42.215		
8,000.00	6,840.00	6,577.26	6,110.64	70.35	47.71	-79.04	-1,685.94	-1,808.83	3,929.02	3,834.66	94.36	41.637		
8,100.00	6,840.00	6,608.93	6,139.62	72.18	47.97	-79.49	-1,693.82	-1,818.90	3,952.17	3,856.01	96.16	41.101		
8,200.00	6,840.00	6,640.00	6,168.00	74.06	48.23	-90.01	-1,880.27	-2,878.91	3,961.25	3,833.97	127.28	31.122		
8,300.00	6,840.00	8,181.00	6,840.00	75.98	70.68	-90.01	-1,879.78	-2,978.91	3,961.20	3,829.45	131.75	30.065		
8,400.00	6,840.00	8,281.00	6,840.00	77.96	72.72	-90.01	-1,879.30	-3,078.91	3,961.15	3,824.86	136.29	29.063		
8,500.00	6,840.00	8,381.00	6,840.00	79.97	74.81	-90.01	-1,878.81	-3,178.91	3,961.11	3,820.21	140.90	28.113		
8,600.00	6,840.00	8,481.00	6,840.00	82.03	76.93	-90.01	-1,878.32	-3,278.91	3,961.06	3,815.50	145.56	27.212		
8,700.00	6,840.00	8,581.00	6,840.00	84.12	79.10	-90.01	-1,877.84	-3,378.90	3,961.01	3,810.73	150.28	26.358		
8,800.00	6,840.00	8,681.00	6,840.00	86.25	81.30	-90.01	-1,877.35	-3,478.90	3,960.96	3,805.92	155.04	25.548		
8,900.00	6,840.00	8,781.00	6,840.00	88.41	83.53	-90.01	-1,876.87	-3,578.90	3,960.91	3,801.07	159.85	24.780		
9,000.00	6,840.00	8,881.00	6,840.00	90.60	85.79	-90.01	-1,876.38	-3,678.90	3,960.86	3,796.17	164.69	24.050		
9,100.00	6,840.00	8,981.00	6,840.00	92.82	88.07	-90.01	-1,875.89	-3,778.90	3,960.82	3,791.24	169.57	23.358		
9,200.00	6,840.00	9,081.00	6,840.00	95.07	90.38	-90.01	-1,875.41	-3,878.90	3,960.77	3,786.28	174.49	22.700		
9,300.00	6,840.00	9,181.00	6,840.00	97.34	92.72	-90.01	-1,874.92	-3,978.90	3,960.72	3,781.29	179.43	22.074		
9,400.00	6,840.00	9,281.00	6,840.00	99.64	95.08	-90.01	-1,874.44	-4,078.90	3,960.67	3,776.27	184.40	21.478		
9,500.00	6,840.00	9,381.00	6,840.00	101.95	97.45	-90.01	-1,873.95	-4,178.89	3,960.62	3,771.22	189.40	20.911		
9,600.00	6,840.00	9,481.00	6,840.00	104.29	99.85	-90.01	-1,873.46	-4,278.89	3,960.57	3,766.15	194.42	20.371		
9,700.00	6,840.00	9,581.00	6,840.00	106.64	102.26	-90.01	-1,872.98	-4,378.89	3,960.52	3,761.06	199.47	19.856		
9,800.00	6,840.00	9,681.00	6,840.00	109.02	104.68	-90.01	-1,872.49	-4,478.89	3,960.48	3,755.95	204.53	19.364		
9,900.00	6,840.00	9,781.00	6,840.00	111.41	107.13	-90.01	-1,872.01	-4,578.89	3,960.43	3,750.81	209.61	18.894		
10,000.00	6,840.00	9,881.00	6,840.00	113.81	109.58	-90.01	-1,871.52	-4,678.89	3,960.38	3,745.67	214.71	18.445		
10,100.00	6,840.00	9,981.00	6,840.00	116.23	112.05	-90.01	-1,871.03	-4,778.89	3,960.33	3,740.50	219.83	18.015		
10,200.00	6,840.00	10,081.00	6,840.00	118.67	114.53	-90.01	-1,870.55	-4,878.89	3,960.28	3,735.32	224.96	17.604		
10,300.00	6,840.00	10,181.00	6,840.00	121.11	117.02	-90.01	-1,870.06	-4,978.89	3,960.23	3,730.13	230.11	17.210		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,281.00	6,840.00	123.57	119.52	-90.01	-1,869.58	-5,078.88	3,960.19	3,724.92	235.27	16.833		
10,500.00	6,840.00	10,381.00	6,840.00	126.04	122.04	-90.01	-1,869.09	-5,178.88	3,960.14	3,719.70	240.44	16.470		
10,600.00	6,840.00	10,481.00	6,840.00	128.52	124.56	-90.01	-1,868.61	-5,278.88	3,960.09	3,714.47	245.62	16.123		
10,700.00	6,840.00	10,581.00	6,840.00	131.01	127.09	-90.01	-1,868.12	-5,378.88	3,960.04	3,709.22	250.82	15.789		
10,800.00	6,840.00	10,681.00	6,840.00	133.51	129.63	-90.01	-1,867.63	-5,478.88	3,959.99	3,703.97	256.02	15.468		
10,900.00	6,840.00	10,781.00	6,840.00	136.02	132.17	-90.01	-1,867.15	-5,578.88	3,959.94	3,698.71	261.23	15.159		
11,000.00	6,840.00	10,881.00	6,840.00	138.53	134.72	-90.01	-1,866.66	-5,678.88	3,959.89	3,693.44	266.46	14.861		
11,100.00	6,840.00	10,981.00	6,840.00	141.06	137.28	-90.01	-1,866.18	-5,778.88	3,959.85	3,688.16	271.69	14.575		
11,200.00	6,840.00	11,081.00	6,840.00	143.59	139.85	-90.01	-1,865.69	-5,878.87	3,959.80	3,682.87	276.93	14.299		
11,300.00	6,840.00	11,181.00	6,840.00	146.13	142.42	-90.01	-1,865.20	-5,978.87	3,959.75	3,677.58	282.17	14.033		
11,400.00	6,840.00	11,281.00	6,840.00	148.68	145.00	-90.01	-1,864.72	-6,078.87	3,959.70	3,672.27	287.43	13.776		
11,500.00	6,840.00	11,381.00	6,840.00	151.23	147.58	-90.01	-1,864.23	-6,178.87	3,959.65	3,666.96	292.69	13.529		
11,600.00	6,840.00	11,481.00	6,840.00	153.79	150.17	-90.01	-1,863.75	-6,278.87	3,959.60	3,661.65	297.96	13.289		
11,700.00	6,840.00	11,581.00	6,840.00	156.35	152.76	-90.01	-1,863.26	-6,378.87	3,959.56	3,656.33	303.23	13.058		
11,800.00	6,840.00	11,681.00	6,840.00	158.92	155.36	-90.01	-1,862.77	-6,478.87	3,959.51	3,651.00	308.51	12.834		
11,900.00	6,840.00	11,781.00	6,840.00	161.49	157.96	-90.01	-1,862.29	-6,578.87	3,959.46	3,645.66	313.79	12.618		
12,000.00	6,840.00	11,881.00	6,840.00	164.07	160.56	-90.01	-1,861.80	-6,678.86	3,959.41	3,640.33	319.08	12.409		
12,100.00	6,840.00	11,981.00	6,840.00	166.66	163.17	-90.01	-1,861.32	-6,778.86	3,959.36	3,634.98	324.38	12.206		
12,200.00	6,840.00	12,081.00	6,840.00	169.25	165.79	-90.01	-1,860.83	-6,878.86	3,959.31	3,629.64	329.68	12.010		
12,300.00	6,840.00	12,181.00	6,840.00	171.84	168.40	-90.01	-1,860.34	-6,978.86	3,959.26	3,624.28	334.98	11.819		
12,400.00	6,840.00	12,281.00	6,840.00	174.44	171.02	-90.01	-1,859.86	-7,078.86	3,959.22	3,618.93	340.29	11.635		
12,500.00	6,840.00	12,381.00	6,840.00	177.04	173.65	-90.01	-1,859.37	-7,178.86	3,959.17	3,613.57	345.60	11.456		
12,600.00	6,840.00	12,481.00	6,840.00	179.64	176.27	-90.01	-1,858.89	-7,278.86	3,959.12	3,608.20	350.92	11.282		
12,700.00	6,840.00	12,581.00	6,840.00	182.25	178.90	-90.01	-1,858.40	-7,378.86	3,959.07	3,602.83	356.24	11.114		
12,800.00	6,840.00	12,681.00	6,840.00	184.86	181.54	-90.01	-1,857.92	-7,478.86	3,959.02	3,597.46	361.56	10.950		
12,900.00	6,840.00	12,781.00	6,840.00	187.47	184.17	-90.01	-1,857.43	-7,578.85	3,958.97	3,592.08	366.89	10.791		
13,000.00	6,840.00	12,881.00	6,840.00	190.09	186.81	-90.01	-1,856.94	-7,678.85	3,958.93	3,586.71	372.22	10.636		
13,100.00	6,840.00	12,981.00	6,840.00	192.71	189.45	-90.01	-1,856.46	-7,778.85	3,958.88	3,581.32	377.55	10.486		
13,200.00	6,840.00	13,081.00	6,840.00	195.34	192.09	-90.01	-1,855.97	-7,878.85	3,958.83	3,575.94	382.89	10.339		
13,300.00	6,840.00	13,181.00	6,840.00	197.96	194.73	-90.01	-1,855.49	-7,978.85	3,958.78	3,570.55	388.23	10.197		
13,400.00	6,840.00	13,281.00	6,840.00	200.59	197.38	-90.01	-1,855.00	-8,078.85	3,958.73	3,565.16	393.57	10.059		
13,500.00	6,840.00	13,381.00	6,840.00	203.22	200.03	-90.01	-1,854.51	-8,178.85	3,958.68	3,559.77	398.92	9.924		
13,600.00	6,840.00	13,481.00	6,840.00	205.85	202.68	-90.01	-1,854.03	-8,278.85	3,958.63	3,554.37	404.26	9.792		
13,700.00	6,840.00	13,581.00	6,840.00	208.49	205.33	-90.01	-1,853.54	-8,378.84	3,958.59	3,548.97	409.61	9.664		
13,800.00	6,840.00	13,681.00	6,840.00	211.13	207.98	-90.01	-1,853.06	-8,478.84	3,958.54	3,543.57	414.96	9.539		
13,900.00	6,840.00	13,781.00	6,840.00	213.77	210.64	-90.01	-1,852.57	-8,578.84	3,958.49	3,538.17	420.32	9.418		
14,000.00	6,840.00	13,881.00	6,840.00	216.41	213.30	-90.01	-1,852.08	-8,678.84	3,958.44	3,532.77	425.67	9.299		
14,100.00	6,840.00	13,981.00	6,840.00	219.06	215.96	-90.01	-1,851.60	-8,778.84	3,958.39	3,527.36	431.03	9.184		
14,200.00	6,840.00	14,081.00	6,840.00	221.70	218.62	-90.01	-1,851.11	-8,878.84	3,958.34	3,521.95	436.39	9.071		
14,300.00	6,840.00	14,181.00	6,840.00	224.35	221.28	-90.01	-1,850.63	-8,978.84	3,958.30	3,516.54	441.76	8.960		
14,400.00	6,840.00	14,281.00	6,840.00	227.00	223.94	-90.01	-1,850.14	-9,078.84	3,958.25	3,511.13	447.12	8.853		
14,500.00	6,840.00	14,381.00	6,840.00	229.65	226.61	-90.01	-1,849.65	-9,178.84	3,958.20	3,505.71	452.49	8.748		
14,600.00	6,840.00	14,481.00	6,840.00	232.30	229.27	-90.01	-1,849.17	-9,278.83	3,958.15	3,500.30	457.85	8.645		
14,700.00	6,840.00	14,581.00	6,840.00	234.96	231.94	-90.01	-1,848.68	-9,378.83	3,958.10	3,494.88	463.22	8.545		
14,800.00	6,840.00	14,681.00	6,840.00	237.61	234.61	-90.01	-1,848.20	-9,478.83	3,958.05	3,489.46	468.59	8.447		
14,900.00	6,840.00	14,781.00	6,840.00	240.27	237.28	-90.01	-1,847.71	-9,578.83	3,958.00	3,484.04	473.97	8.351		
15,000.00	6,840.00	14,881.00	6,840.00	242.93	239.95	-90.01	-1,847.23	-9,678.83	3,957.96	3,478.62	479.34	8.257		
15,100.00	6,840.00	14,981.00	6,840.00	245.59	242.62	-90.01	-1,846.74	-9,778.83	3,957.91	3,473.19	484.72	8.165		
15,200.00	6,840.00	15,081.00	6,840.00	248.25	245.30	-90.01	-1,846.25	-9,878.83	3,957.86	3,467.77	490.09	8.076		
15,300.00	6,840.00	15,181.00	6,840.00	250.92	247.97	-90.01	-1,845.77	-9,978.83	3,957.81	3,462.34	495.47	7.988		
15,400.00	6,840.00	15,281.00	6,840.00	253.58	250.65	-90.01	-1,845.28	-10,078.82	3,957.76	3,456.91	500.85	7.902		
15,500.00	6,840.00	15,381.00	6,840.00	256.25	253.32	-90.01	-1,844.80	-10,178.82	3,957.71	3,451.48	506.23	7.818		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,481.00	6,840.00	258.91	256.00	-90.01	-1,844.31	-10,278.82	3,957.67	3,446.05	511.61	7.736		
15,700.00	6,840.00	15,581.00	6,840.00	261.58	258.68	-90.01	-1,843.82	-10,378.82	3,957.62	3,440.62	517.00	7.655		
15,800.00	6,840.00	15,681.00	6,840.00	264.25	261.36	-90.01	-1,843.34	-10,478.82	3,957.57	3,435.19	522.38	7.576		
15,900.00	6,840.00	15,781.00	6,840.00	266.92	264.04	-90.01	-1,842.85	-10,578.82	3,957.52	3,429.75	527.77	7.499		
16,000.00	6,840.00	15,881.00	6,840.00	269.59	266.72	-90.01	-1,842.37	-10,678.82	3,957.47	3,424.32	533.16	7.423		
16,100.00	6,840.00	15,981.00	6,840.00	272.26	269.40	-90.01	-1,841.88	-10,778.82	3,957.42	3,418.88	538.54	7.348		
16,200.00	6,840.00	16,081.00	6,840.00	274.94	272.08	-90.01	-1,841.39	-10,878.81	3,957.37	3,413.44	543.93	7.275		
16,300.00	6,840.00	16,181.00	6,840.00	277.61	274.77	-90.01	-1,840.91	-10,978.81	3,957.33	3,408.00	549.32	7.204		
16,400.00	6,840.00	16,281.00	6,840.00	280.28	277.45	-90.01	-1,840.42	-11,078.81	3,957.28	3,402.56	554.71	7.134		
16,500.00	6,840.00	16,381.00	6,840.00	282.96	280.13	-90.01	-1,839.94	-11,178.81	3,957.23	3,397.12	560.10	7.065		
16,600.00	6,840.00	16,481.00	6,840.00	285.64	282.82	-90.01	-1,839.45	-11,278.81	3,957.18	3,391.68	565.50	6.998		
16,700.00	6,840.00	16,581.00	6,840.00	288.31	285.51	-90.01	-1,838.96	-11,378.81	3,957.13	3,386.24	570.89	6.932		
16,800.00	6,840.00	16,681.00	6,840.00	290.99	288.19	-90.01	-1,838.48	-11,478.81	3,957.08	3,380.80	576.29	6.867		
16,900.00	6,840.00	16,781.00	6,840.00	293.67	290.88	-90.01	-1,837.99	-11,578.81	3,957.04	3,375.35	581.68	6.803		
17,000.00	6,840.00	16,881.00	6,840.00	296.35	293.57	-90.01	-1,837.51	-11,678.81	3,956.99	3,369.91	587.08	6.740		
17,100.00	6,840.00	16,981.00	6,840.00	299.03	296.26	-90.01	-1,837.02	-11,778.80	3,956.94	3,364.46	592.47	6.679		
17,200.00	6,840.00	17,081.00	6,840.00	301.71	298.94	-90.01	-1,836.54	-11,878.80	3,956.89	3,359.02	597.87	6.618		
17,300.00	6,840.00	17,181.00	6,840.00	304.39	301.63	-90.01	-1,836.05	-11,978.80	3,956.84	3,353.57	603.27	6.559		
17,400.00	6,840.00	17,281.00	6,840.00	307.08	304.32	-90.01	-1,835.56	-12,078.80	3,956.79	3,348.12	608.67	6.501		
17,500.00	6,840.00	17,381.00	6,840.00	309.76	307.01	-90.01	-1,835.08	-12,178.80	3,956.74	3,342.68	614.07	6.443		
17,600.00	6,840.00	17,481.00	6,840.00	312.44	309.71	-90.01	-1,834.59	-12,278.80	3,956.70	3,337.23	619.47	6.387		
17,700.00	6,840.00	17,581.00	6,840.00	315.13	312.40	-90.01	-1,834.11	-12,378.80	3,956.65	3,331.78	624.87	6.332		
17,800.00	6,840.00	17,681.00	6,840.00	317.81	315.09	-90.01	-1,833.62	-12,478.80	3,956.60	3,326.33	630.27	6.278		
17,900.00	6,840.00	17,781.00	6,840.00	320.50	317.78	-90.01	-1,833.13	-12,578.79	3,956.55	3,320.87	635.68	6.224		
18,000.00	6,840.00	17,881.00	6,840.00	323.19	320.48	-90.01	-1,832.65	-12,678.79	3,956.50	3,315.42	641.08	6.172		
18,100.00	6,840.00	17,981.00	6,840.00	325.87	323.17	-90.01	-1,832.16	-12,778.79	3,956.45	3,309.97	646.48	6.120		
18,200.00	6,840.00	18,081.00	6,840.00	328.56	325.86	-90.01	-1,831.68	-12,878.79	3,956.41	3,304.52	651.89	6.069		
18,300.00	6,840.00	18,181.00	6,840.00	331.25	328.56	-90.01	-1,831.19	-12,978.79	3,956.36	3,299.06	657.29	6.019		
18,400.00	6,840.00	18,281.00	6,840.00	333.94	331.25	-90.01	-1,830.70	-13,078.79	3,956.31	3,293.61	662.70	5.970		
18,500.00	6,840.00	18,381.00	6,840.00	336.63	333.95	-90.01	-1,830.22	-13,178.79	3,956.26	3,288.16	668.10	5.922		
18,600.00	6,840.00	18,481.00	6,840.00	339.32	336.64	-90.01	-1,829.73	-13,278.79	3,956.21	3,282.70	673.51	5.874		
18,700.00	6,840.00	18,581.00	6,840.00	342.01	339.34	-90.01	-1,829.25	-13,378.79	3,956.16	3,277.25	678.92	5.827		
18,800.00	6,840.00	18,681.00	6,840.00	344.70	342.04	-90.01	-1,828.76	-13,478.78	3,956.11	3,271.79	684.33	5.781		
18,900.00	6,840.00	18,781.00	6,840.00	347.39	344.73	-90.01	-1,828.27	-13,578.78	3,956.07	3,266.33	689.73	5.736		
19,000.00	6,840.00	18,881.00	6,840.00	350.08	347.43	-90.01	-1,827.79	-13,678.78	3,956.02	3,260.88	695.14	5.691		
19,100.00	6,840.00	18,981.00	6,840.00	352.77	350.13	-90.01	-1,827.30	-13,778.78	3,955.97	3,255.42	700.55	5.647		
19,200.00	6,840.00	19,081.00	6,840.00	355.46	352.83	-90.01	-1,826.82	-13,878.78	3,955.92	3,249.96	705.96	5.604		
19,300.00	6,840.00	19,181.00	6,840.00	358.16	355.53	-90.01	-1,826.33	-13,978.78	3,955.87	3,244.50	711.37	5.561		
19,400.00	6,840.00	19,281.00	6,840.00	360.85	358.22	-90.01	-1,825.85	-14,078.78	3,955.82	3,239.04	716.78	5.519		
19,500.00	6,840.00	19,381.00	6,840.00	363.54	360.92	-90.01	-1,825.36	-14,178.78	3,955.78	3,233.58	722.19	5.477		
19,600.00	6,840.00	19,481.00	6,840.00	366.24	363.62	-90.01	-1,824.87	-14,278.77	3,955.73	3,228.12	727.60	5.437		
19,700.00	6,840.00	19,581.00	6,840.00	368.93	366.32	-90.01	-1,824.39	-14,378.77	3,955.68	3,222.66	733.02	5.396		
19,800.00	6,840.00	19,681.00	6,840.00	371.63	369.02	-90.01	-1,823.90	-14,478.77	3,955.63	3,217.20	738.43	5.357		
19,900.00	6,840.00	19,781.00	6,840.00	374.32	371.72	-90.01	-1,823.42	-14,578.77	3,955.58	3,211.74	743.84	5.318		
20,000.00	6,840.00	19,881.00	6,840.00	377.02	374.42	-90.01	-1,822.93	-14,678.77	3,955.53	3,206.28	749.25	5.279		
20,100.00	6,840.00	19,981.00	6,840.00	379.71	377.12	-90.01	-1,822.44	-14,778.77	3,955.48	3,200.82	754.67	5.241		
20,200.00	6,840.00	20,081.00	6,840.00	382.41	379.82	-90.01	-1,821.96	-14,878.77	3,955.44	3,195.35	760.08	5.204		
20,300.00	6,840.00	20,181.00	6,840.00	385.11	382.53	-90.01	-1,821.47	-14,978.77	3,955.39	3,189.89	765.50	5.167		
20,400.00	6,840.00	20,281.00	6,840.00	387.80	385.23	-90.01	-1,820.99	-15,078.76	3,955.34	3,184.43	770.91	5.131		
20,500.00	6,840.00	20,381.00	6,840.00	390.50	387.93	-90.01	-1,820.50	-15,178.76	3,955.29	3,178.97	776.32	5.095		
20,600.00	6,840.00	20,481.00	6,840.00	393.20	390.63	-90.01	-1,820.01	-15,278.76	3,955.24	3,173.50	781.74	5.060		
20,676.07	6,840.00	20,557.06	6,840.00	395.25	392.69	-90.01	-1,819.64	-15,354.83	3,955.21	3,169.35	785.86	5.033		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	20,552.28	6,840.00	395.67	392.56	-90.01	-1,819.67	-15,350.04	3,955.25	3,169.15	786.10	5.031 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-179.95	-292.90	-0.28	292.90					
100.00	100.00	100.00	100.00	0.13	0.13	-179.95	-292.90	-0.28	292.90	292.63	0.27	1,089.44	CC, ES	
200.00	200.00	193.44	193.42	0.49	0.46	-179.73	-293.94	-1.39	294.02	293.06	0.96	306.977		
300.00	300.00	286.67	286.54	0.85	0.80	-179.09	-297.05	-4.72	297.39	295.74	1.65	180.053		
400.00	399.98	379.50	379.06	1.21	1.14	-133.55	-302.20	-10.23	304.30	301.94	2.35	129.233		
500.00	499.84	471.65	470.61	1.57	1.51	-132.66	-309.34	-17.87	315.92	312.85	3.07	102.909		
600.00	599.45	562.83	560.82	1.94	1.89	-131.82	-318.37	-27.54	332.21	328.41	3.80	87.510		
700.00	698.70	652.78	649.35	2.32	2.30	-131.03	-329.20	-39.12	353.05	348.52	4.54	77.840		
800.00	797.47	741.24	735.90	2.73	2.72	-130.30	-341.69	-52.50	378.35	373.06	5.29	71.512		
900.00	895.62	827.99	820.18	3.16	3.17	-129.63	-355.71	-67.50	407.99	401.92	6.06	67.275		
1,000.00	993.06	912.83	901.97	3.63	3.63	-129.00	-371.10	-83.97	441.83	434.97	6.86	64.413		
1,100.00	1,089.64	995.57	981.05	4.14	4.12	-128.40	-387.70	-101.73	479.73	472.05	7.67	62.513		
1,200.00	1,185.27	1,076.06	1,057.28	4.70	4.63	-127.81	-405.33	-120.60	521.54	513.02	8.52	61.226		
1,300.00	1,279.82	1,154.16	1,130.54	5.30	5.15	-127.21	-423.83	-140.40	567.11	557.72	9.39	60.414		
1,400.00	1,373.17	1,229.79	1,200.73	5.96	5.68	-126.60	-443.04	-160.95	616.28	606.00	10.28	59.955		
1,500.00	1,465.21	1,302.84	1,267.81	6.67	6.23	-125.97	-462.79	-182.09	668.88	657.69	11.19	59.765		
1,600.00	1,555.84	1,379.93	1,337.91	7.44	6.83	-125.35	-484.68	-205.52	724.56	712.36	12.20	59.399		
1,700.00	1,645.41	1,461.79	1,412.26	8.26	7.48	-125.69	-508.07	-230.55	781.63	768.34	13.29	58.809		
1,800.00	1,734.94	1,543.62	1,486.58	9.09	8.14	-126.21	-531.44	-255.56	838.79	824.40	14.40	58.266		
1,900.00	1,824.47	1,625.45	1,560.90	9.94	8.80	-126.66	-554.82	-280.58	896.00	880.48	15.51	57.755		
2,000.00	1,913.99	1,707.27	1,635.23	10.80	9.46	-127.06	-578.19	-305.59	953.23	936.59	16.64	57.279		
2,100.00	2,003.52	1,789.10	1,709.55	11.66	10.13	-127.41	-601.56	-330.61	1,010.50	992.72	17.78	56.838		
2,200.00	2,093.05	1,870.93	1,783.87	12.53	10.80	-127.73	-624.94	-355.62	1,067.79	1,048.86	18.92	56.430		
2,300.00	2,182.58	1,952.76	1,858.19	13.40	11.47	-128.02	-648.31	-380.64	1,125.09	1,105.02	20.07	56.055		
2,400.00	2,272.11	2,034.59	1,932.51	14.28	12.14	-128.27	-671.69	-405.65	1,182.42	1,161.19	21.23	55.709		
2,500.00	2,361.63	2,116.42	2,006.84	15.16	12.82	-128.51	-695.06	-430.67	1,239.76	1,217.38	22.38	55.389		
2,600.00	2,451.16	2,201.76	2,081.16	16.04	13.52	-128.72	-718.44	-455.68	1,297.11	1,273.54	23.57	55.039		
2,700.00	2,540.69	2,280.07	2,155.48	16.92	14.17	-128.91	-741.81	-480.70	1,354.47	1,329.77	24.71	54.821		
2,800.00	2,630.22	2,361.90	2,229.80	17.81	14.85	-129.09	-765.18	-505.71	1,411.85	1,385.97	25.87	54.567		
2,900.00	2,719.75	2,443.73	2,304.12	18.70	15.53	-129.26	-788.56	-530.73	1,469.23	1,442.19	27.04	54.331		
3,000.00	2,809.28	2,525.56	2,378.45	19.58	16.20	-129.41	-811.93	-555.74	1,526.62	1,498.40	28.21	54.112		
3,100.00	2,898.80	2,607.38	2,452.77	20.47	16.88	-129.55	-835.31	-580.76	1,584.01	1,554.63	29.38	53.907		
3,200.00	2,988.33	2,689.21	2,527.09	21.36	17.56	-129.68	-858.68	-605.77	1,641.41	1,610.86	30.56	53.715		
3,300.00	3,077.86	2,771.04	2,601.41	22.26	18.24	-129.81	-882.05	-630.78	1,698.82	1,667.09	31.73	53.535		
3,400.00	3,167.39	2,852.87	2,675.73	23.15	18.93	-129.92	-905.43	-655.80	1,756.23	1,723.32	32.91	53.367		
3,500.00	3,256.92	2,934.70	2,750.06	24.04	19.61	-130.03	-928.80	-680.81	1,813.65	1,779.56	34.09	53.208		
3,600.00	3,346.44	3,016.52	2,824.38	24.93	20.29	-130.13	-952.18	-705.83	1,871.07	1,835.81	35.26	53.059		
3,700.00	3,435.97	3,101.65	2,898.70	25.83	21.00	-130.22	-975.55	-730.84	1,928.49	1,892.03	36.47	52.885		
3,800.00	3,525.50	3,180.18	2,973.02	26.72	21.65	-130.31	-998.93	-755.86	1,985.92	1,948.30	37.62	52.785		
3,900.00	3,615.03	3,262.01	3,047.34	27.62	22.33	-130.40	-1,022.30	-780.87	2,043.35	2,004.55	38.80	52.659		
4,000.00	3,704.56	3,343.84	3,121.66	28.51	23.02	-130.48	-1,045.67	-805.89	2,100.78	2,060.80	39.98	52.540		
4,100.00	3,794.09	3,425.66	3,195.99	29.41	23.70	-130.55	-1,069.05	-830.90	2,158.22	2,117.05	41.17	52.426		
4,200.00	3,883.61	3,507.49	3,270.31	30.30	24.38	-130.62	-1,092.42	-855.92	2,215.66	2,173.31	42.35	52.319		
4,300.00	3,973.14	3,589.32	3,344.63	31.20	25.06	-130.69	-1,115.80	-880.93	2,273.10	2,229.57	43.53	52.216		
4,400.00	4,062.67	3,671.15	3,418.95	32.10	25.75	-130.76	-1,139.17	-905.95	2,330.54	2,285.83	44.72	52.119		
4,500.00	4,152.20	3,752.98	3,493.27	32.99	26.43	-130.82	-1,162.54	-930.96	2,387.99	2,342.09	45.90	52.025		
4,600.00	4,241.73	3,834.81	3,567.60	33.89	27.11	-130.88	-1,185.92	-955.98	2,445.43	2,398.35	47.09	51.936		
4,700.00	4,331.26	3,916.63	3,641.92	34.79	27.80	-130.93	-1,209.29	-980.99	2,502.88	2,454.61	48.27	51.851		
4,800.00	4,420.78	4,001.54	3,716.24	35.69	28.51	-130.99	-1,232.67	-1,006.01	2,560.33	2,510.85	49.48	51.748		
4,900.00	4,510.31	4,080.29	3,790.56	36.58	29.17	-131.04	-1,256.04	-1,031.02	2,617.78	2,567.14	50.64	51.692		
5,000.00	4,599.84	4,162.12	3,864.88	37.48	29.85	-131.09	-1,279.42	-1,056.04	2,675.23	2,623.40	51.83	51.617		
5,100.00	4,689.37	4,243.95	3,939.21	38.38	30.53	-131.13	-1,302.79	-1,081.05	2,732.69	2,679.67	53.02	51.545		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,325.77	4,013.53	39.28	31.22	-131.18	-1,326.16	-1,106.07	2,790.14	2,735.94	54.20	51.476		
5,300.00	4,868.42	4,407.60	4,087.85	40.18	31.90	-131.22	-1,349.54	-1,131.08	2,847.60	2,792.20	55.39	51.410		
5,400.00	4,957.95	4,489.43	4,162.17	41.07	32.59	-131.26	-1,372.91	-1,156.09	2,905.05	2,848.47	56.58	51.346		
5,500.00	5,047.48	4,571.26	4,236.49	41.97	33.27	-131.30	-1,396.29	-1,181.11	2,962.51	2,904.74	57.77	51.284		
5,600.00	5,137.01	4,653.09	4,310.82	42.87	33.95	-131.34	-1,419.66	-1,206.12	3,019.97	2,961.01	58.96	51.225		
5,700.00	5,226.54	4,734.91	4,385.14	43.77	34.64	-131.38	-1,443.03	-1,231.14	3,077.43	3,017.28	60.14	51.167		
5,800.00	5,316.07	4,816.74	4,459.46	44.67	35.32	-131.41	-1,466.41	-1,256.15	3,134.89	3,073.55	61.33	51.112		
5,900.00	5,405.59	4,901.43	4,533.78	45.57	36.03	-131.45	-1,489.78	-1,281.17	3,192.35	3,129.80	62.54	51.042		
6,000.00	5,495.12	4,980.40	4,608.10	46.47	36.69	-131.48	-1,513.16	-1,306.18	3,249.81	3,186.10	63.71	51.006		
6,100.00	5,584.65	5,062.23	4,682.43	47.37	37.38	-131.51	-1,536.53	-1,331.20	3,307.27	3,242.37	64.90	50.956		
6,200.00	5,674.18	5,144.05	4,756.75	48.27	38.06	-131.54	-1,559.91	-1,356.21	3,364.74	3,298.64	66.09	50.908		
6,300.00	5,763.71	5,225.88	4,831.07	49.16	38.75	-131.57	-1,583.28	-1,381.23	3,422.20	3,354.91	67.29	50.861		
6,400.00	5,853.23	5,307.71	4,905.39	50.06	39.43	-131.60	-1,606.65	-1,406.24	3,479.66	3,411.19	68.48	50.815		
6,500.00	5,942.76	5,389.54	4,979.71	50.96	40.11	-131.63	-1,630.03	-1,431.26	3,537.13	3,467.46	69.67	50.771		
6,600.00	6,032.29	5,471.37	5,054.03	51.86	40.80	-131.66	-1,653.40	-1,456.27	3,594.59	3,523.73	70.86	50.728		
6,700.00	6,121.82	5,553.20	5,128.36	52.76	41.48	-131.68	-1,676.78	-1,481.29	3,652.06	3,580.01	72.05	50.686		
6,800.00	6,211.35	5,635.02	5,202.68	53.66	42.17	-131.71	-1,700.15	-1,506.30	3,709.53	3,636.28	73.25	50.645		
6,900.00	6,300.88	5,716.85	5,277.00	54.56	42.85	-131.73	-1,723.52	-1,531.32	3,766.99	3,692.56	74.44	50.606		
7,000.00	6,390.40	5,801.32	5,351.32	55.46	43.56	-131.76	-1,746.90	-1,556.33	3,824.46	3,748.81	75.65	50.555		
7,100.00	6,479.90	5,880.51	5,425.65	56.36	44.22	-129.28	-1,770.27	-1,581.35	3,881.92	3,805.09	76.83	50.529		
7,200.00	6,565.62	5,962.30	5,499.93	57.41	44.91	-111.86	-1,793.64	-1,606.35	3,938.01	3,859.84	78.17	50.380		
7,300.00	6,643.25	6,042.17	5,572.48	58.67	45.58	-99.75	-1,816.45	-1,630.77	3,990.75	3,911.02	79.72	50.056		
7,400.00	6,710.45	6,117.71	5,641.09	60.11	46.21	-91.13	-1,838.03	-1,653.86	4,038.89	3,957.42	81.47	49.576		
7,500.00	6,765.16	6,186.62	5,703.68	61.71	46.79	-84.96	-1,857.71	-1,674.93	4,081.45	3,998.10	83.35	48.968		
7,600.00	6,805.74	6,246.81	5,758.34	63.40	47.29	-80.60	-1,874.91	-1,693.32	4,117.71	4,032.40	85.30	48.271		
7,700.00	6,830.93	6,303.56	5,803.42	65.14	47.76	-77.67	-1,889.08	-1,708.50	4,147.16	4,059.85	87.31	47.498		
7,800.00	6,839.98	6,334.01	5,837.55	66.86	48.02	-75.93	-1,899.82	-1,719.98	4,169.46	4,080.32	89.14	46.774		
7,900.00	6,840.00	6,364.47	5,865.21	68.58	48.27	-76.25	-1,908.52	-1,729.29	4,188.68	4,097.72	90.96	46.049		
8,000.00	6,840.00	6,405.08	5,892.87	70.35	48.61	-76.66	-1,917.21	-1,738.60	4,209.95	4,117.07	92.88	45.329		
8,100.00	6,840.00	6,425.36	5,920.52	72.18	48.78	-77.06	-1,925.91	-1,747.91	4,233.25	4,138.60	94.65	44.725		
8,200.00	6,840.00	6,455.81	5,948.17	74.06	49.04	-77.46	-1,934.61	-1,757.21	4,258.56	4,162.06	96.51	44.128		
8,300.00	6,840.00	6,486.25	5,975.82	75.98	49.29	-77.87	-1,943.30	-1,766.52	4,285.84	4,187.48	98.36	43.573		
8,400.00	6,840.00	6,347.15	6,840.00	77.96	74.78	-90.00	-2,210.03	-3,080.88	4,291.89	4,155.61	136.28	31.492		
8,500.00	6,840.00	8,447.15	6,840.00	79.97	76.78	-90.00	-2,209.53	-3,180.88	4,291.83	4,150.97	140.87	30.467		
8,600.00	6,840.00	8,547.15	6,840.00	82.03	78.82	-90.00	-2,209.04	-3,280.88	4,291.78	4,146.27	145.51	29.495		
8,700.00	6,840.00	8,647.15	6,840.00	84.12	80.90	-90.00	-2,208.54	-3,380.88	4,291.72	4,141.51	150.21	28.572		
8,800.00	6,840.00	8,747.15	6,840.00	86.25	83.01	-90.00	-2,208.05	-3,480.88	4,291.66	4,136.71	154.95	27.697		
8,900.00	6,840.00	8,847.15	6,840.00	88.41	85.17	-90.00	-2,207.55	-3,580.87	4,291.61	4,131.87	159.74	26.866		
9,000.00	6,840.00	8,947.15	6,840.00	90.60	87.35	-90.00	-2,207.06	-3,680.87	4,291.55	4,126.98	164.57	26.077		
9,100.00	6,840.00	9,047.15	6,840.00	92.82	89.57	-90.00	-2,206.56	-3,780.87	4,291.49	4,122.05	169.44	25.328		
9,200.00	6,840.00	9,147.15	6,840.00	95.07	91.82	-90.00	-2,206.07	-3,880.87	4,291.44	4,117.10	174.34	24.616		
9,300.00	6,840.00	9,247.15	6,840.00	97.34	94.09	-90.00	-2,205.58	-3,980.87	4,291.38	4,112.11	179.27	23.938		
9,400.00	6,840.00	9,347.15	6,840.00	99.64	96.38	-90.00	-2,205.08	-4,080.87	4,291.32	4,107.09	184.23	23.293		
9,500.00	6,840.00	9,447.15	6,840.00	101.95	98.70	-90.00	-2,204.59	-4,180.87	4,291.26	4,102.05	189.22	22.679		
9,600.00	6,840.00	9,547.15	6,840.00	104.29	101.04	-90.00	-2,204.09	-4,280.87	4,291.21	4,096.98	194.23	22.094		
9,700.00	6,840.00	9,647.15	6,840.00	106.64	103.40	-90.00	-2,203.60	-4,380.86	4,291.15	4,091.89	199.26	21.535		
9,800.00	6,840.00	9,747.15	6,840.00	109.02	105.78	-90.00	-2,203.10	-4,480.86	4,291.09	4,086.78	204.32	21.002		
9,900.00	6,840.00	9,847.15	6,840.00	111.41	108.17	-90.00	-2,202.61	-4,580.86	4,291.04	4,081.65	209.39	20.493		
10,000.00	6,840.00	9,947.15	6,840.00	113.81	110.59	-90.00	-2,202.11	-4,680.86	4,290.98	4,076.50	214.48	20.006		
10,100.00	6,840.00	10,047.15	6,840.00	116.23	113.01	-90.00	-2,201.62	-4,780.86	4,290.92	4,071.33	219.59	19.541		
10,200.00	6,840.00	10,147.15	6,840.00	118.67	115.45	-90.00	-2,201.13	-4,880.86	4,290.87	4,066.15	224.71	19.095		
10,300.00	6,840.00	10,247.15	6,840.00	121.11	117.91	-90.00	-2,200.63	-4,980.86	4,290.81	4,060.96	229.85	18.668		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	10,347.15	6,840.00	123.57	120.37	-90.00	-2,200.14	-5,080.86	4,290.75	4,055.75	235.00	18.258		
10,500.00	6,840.00	10,447.15	6,840.00	126.04	122.85	-90.00	-2,199.64	-5,180.85	4,290.69	4,050.53	240.17	17.865		
10,600.00	6,840.00	10,547.15	6,840.00	128.52	125.33	-90.00	-2,199.15	-5,280.85	4,290.64	4,045.29	245.35	17.488		
10,700.00	6,840.00	10,647.15	6,840.00	131.01	127.83	-90.00	-2,198.65	-5,380.85	4,290.58	4,040.05	250.53	17.126		
10,800.00	6,840.00	10,747.15	6,840.00	133.51	130.34	-90.00	-2,198.16	-5,480.85	4,290.52	4,034.79	255.73	16.777		
10,900.00	6,840.00	10,847.15	6,840.00	136.02	132.86	-90.00	-2,197.66	-5,580.85	4,290.47	4,029.53	260.94	16.442		
11,000.00	6,840.00	10,947.15	6,840.00	138.53	135.38	-90.00	-2,197.17	-5,680.85	4,290.41	4,024.25	266.16	16.120		
11,100.00	6,840.00	11,047.15	6,840.00	141.06	137.91	-90.00	-2,196.68	-5,780.85	4,290.35	4,018.97	271.38	15.809		
11,200.00	6,840.00	11,147.15	6,840.00	143.59	140.45	-90.00	-2,196.18	-5,880.85	4,290.30	4,013.68	276.62	15.510		
11,300.00	6,840.00	11,247.15	6,840.00	146.13	143.00	-90.00	-2,195.69	-5,980.84	4,290.24	4,008.38	281.86	15.221		
11,400.00	6,840.00	11,347.15	6,840.00	148.68	145.55	-90.00	-2,195.19	-6,080.84	4,290.18	4,003.07	287.11	14.943		
11,500.00	6,840.00	11,447.15	6,840.00	151.23	148.11	-90.00	-2,194.70	-6,180.84	4,290.12	3,997.76	292.37	14.674		
11,600.00	6,840.00	11,547.15	6,840.00	153.79	150.68	-90.00	-2,194.20	-6,280.84	4,290.07	3,992.44	297.63	14.414		
11,700.00	6,840.00	11,647.15	6,840.00	156.35	153.25	-90.00	-2,193.71	-6,380.84	4,290.01	3,987.11	302.90	14.163		
11,800.00	6,840.00	11,747.15	6,840.00	158.92	155.82	-90.00	-2,193.22	-6,480.84	4,289.95	3,981.78	308.17	13.921		
11,900.00	6,840.00	11,847.15	6,840.00	161.49	158.41	-90.00	-2,192.72	-6,580.84	4,289.90	3,976.44	313.45	13.686		
12,000.00	6,840.00	11,947.15	6,840.00	164.07	160.99	-90.00	-2,192.23	-6,680.84	4,289.84	3,971.10	318.74	13.459		
12,100.00	6,840.00	12,047.15	6,840.00	166.66	163.58	-90.00	-2,191.73	-6,780.83	4,289.78	3,965.75	324.03	13.239		
12,200.00	6,840.00	12,147.15	6,840.00	169.25	166.18	-90.00	-2,191.24	-6,880.83	4,289.73	3,960.40	329.33	13.026		
12,300.00	6,840.00	12,247.15	6,840.00	171.84	168.78	-90.00	-2,190.74	-6,980.83	4,289.67	3,955.04	334.63	12.819		
12,400.00	6,840.00	12,347.15	6,840.00	174.44	171.38	-90.00	-2,190.25	-7,080.83	4,289.61	3,949.68	339.93	12.619		
12,500.00	6,840.00	12,447.15	6,840.00	177.04	173.99	-90.00	-2,189.75	-7,180.83	4,289.55	3,944.31	345.24	12.425		
12,600.00	6,840.00	12,547.15	6,840.00	179.64	176.60	-90.00	-2,189.26	-7,280.83	4,289.50	3,938.94	350.56	12.236		
12,700.00	6,840.00	12,647.15	6,840.00	182.25	179.21	-90.00	-2,188.77	-7,380.83	4,289.44	3,933.57	355.87	12.053		
12,800.00	6,840.00	12,747.15	6,840.00	184.86	181.83	-90.00	-2,188.27	-7,480.83	4,289.38	3,928.19	361.19	11.876		
12,900.00	6,840.00	12,847.15	6,840.00	187.47	184.45	-90.00	-2,187.78	-7,580.82	4,289.33	3,922.81	366.52	11.703		
13,000.00	6,840.00	12,947.15	6,840.00	190.09	187.08	-90.00	-2,187.28	-7,680.82	4,289.27	3,917.42	371.84	11.535		
13,100.00	6,840.00	13,047.15	6,840.00	192.71	189.70	-90.00	-2,186.79	-7,780.82	4,289.21	3,912.04	377.18	11.372		
13,200.00	6,840.00	13,147.15	6,840.00	195.34	192.33	-90.00	-2,186.29	-7,880.82	4,289.16	3,906.65	382.51	11.213		
13,300.00	6,840.00	13,247.15	6,840.00	197.96	194.96	-90.00	-2,185.80	-7,980.82	4,289.10	3,901.25	387.85	11.059		
13,400.00	6,840.00	13,347.15	6,840.00	200.59	197.60	-90.00	-2,185.30	-8,080.82	4,289.04	3,895.86	393.19	10.908		
13,500.00	6,840.00	13,447.15	6,840.00	203.22	200.23	-90.00	-2,184.81	-8,180.82	4,288.98	3,890.46	398.53	10.762		
13,600.00	6,840.00	13,547.15	6,840.00	205.85	202.87	-90.00	-2,184.32	-8,280.82	4,288.93	3,885.05	403.87	10.619		
13,700.00	6,840.00	13,647.15	6,840.00	208.49	205.51	-90.00	-2,183.82	-8,380.82	4,288.87	3,879.65	409.22	10.481		
13,800.00	6,840.00	13,747.15	6,840.00	211.13	208.16	-90.00	-2,183.33	-8,480.81	4,288.81	3,874.24	414.57	10.345		
13,900.00	6,840.00	13,847.15	6,840.00	213.77	210.80	-90.00	-2,182.83	-8,580.81	4,288.76	3,868.83	419.92	10.213		
14,000.00	6,840.00	13,947.15	6,840.00	216.41	213.45	-90.00	-2,182.34	-8,680.81	4,288.70	3,863.42	425.28	10.084		
14,100.00	6,840.00	14,047.15	6,840.00	219.06	216.10	-90.00	-2,181.84	-8,780.81	4,288.64	3,858.01	430.63	9.959		
14,200.00	6,840.00	14,147.15	6,840.00	221.70	218.75	-90.00	-2,181.35	-8,880.81	4,288.59	3,852.59	435.99	9.836		
14,300.00	6,840.00	14,247.15	6,840.00	224.35	221.40	-90.00	-2,180.85	-8,980.81	4,288.53	3,847.18	441.35	9.717		
14,400.00	6,840.00	14,347.15	6,840.00	227.00	224.06	-90.00	-2,180.36	-9,080.81	4,288.47	3,841.76	446.71	9.600		
14,500.00	6,840.00	14,447.15	6,840.00	229.65	226.71	-90.00	-2,179.87	-9,180.81	4,288.41	3,836.34	452.08	9.486		
14,600.00	6,840.00	14,547.15	6,840.00	232.30	229.37	-90.00	-2,179.37	-9,280.80	4,288.36	3,830.91	457.44	9.375		
14,700.00	6,840.00	14,647.15	6,840.00	234.96	232.03	-90.00	-2,178.88	-9,380.80	4,288.30	3,825.49	462.81	9.266		
14,800.00	6,840.00	14,747.15	6,840.00	237.61	234.69	-90.00	-2,178.38	-9,480.80	4,288.24	3,820.06	468.18	9.159		
14,900.00	6,840.00	14,847.15	6,840.00	240.27	237.35	-90.00	-2,177.89	-9,580.80	4,288.19	3,814.63	473.55	9.055		
15,000.00	6,840.00	14,947.15	6,840.00	242.93	240.02	-90.00	-2,177.39	-9,680.80	4,288.13	3,809.20	478.93	8.954		
15,100.00	6,840.00	15,047.15	6,840.00	245.59	242.68	-90.00	-2,176.90	-9,780.80	4,288.07	3,803.77	484.30	8.854		
15,200.00	6,840.00	15,147.15	6,840.00	248.25	245.35	-90.00	-2,176.40	-9,880.80	4,288.02	3,798.34	489.68	8.757		
15,300.00	6,840.00	15,247.15	6,840.00	250.92	248.01	-90.00	-2,175.91	-9,980.80	4,287.96	3,792.91	495.05	8.662		
15,400.00	6,840.00	15,347.15	6,840.00	253.58	250.68	-90.00	-2,175.42	-10,080.79	4,287.90	3,787.47	500.43	8.568		
15,500.00	6,840.00	15,447.15	6,840.00	256.25	253.35	-90.00	-2,174.92	-10,180.79	4,287.84	3,782.04	505.81	8.477		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	15,547.15	6,840.00	258.91	256.02	-90.00	-2,174.43	-10,280.79	4,287.79	3,776.60	511.19	8.388		
15,700.00	6,840.00	15,647.15	6,840.00	261.58	258.69	-90.00	-2,173.93	-10,380.79	4,287.73	3,771.16	516.57	8.300		
15,800.00	6,840.00	15,747.15	6,840.00	264.25	261.37	-90.00	-2,173.44	-10,480.79	4,287.67	3,765.72	521.96	8.215		
15,900.00	6,840.00	15,847.15	6,840.00	266.92	264.04	-90.00	-2,172.94	-10,580.79	4,287.62	3,760.28	527.34	8.131		
16,000.00	6,840.00	15,947.15	6,840.00	269.59	266.71	-90.00	-2,172.45	-10,680.79	4,287.56	3,754.83	532.73	8.048		
16,100.00	6,840.00	16,047.15	6,840.00	272.26	269.39	-90.00	-2,171.95	-10,780.79	4,287.50	3,749.39	538.11	7.968		
16,200.00	6,840.00	16,147.15	6,840.00	274.94	272.07	-90.00	-2,171.46	-10,880.78	4,287.45	3,743.95	543.50	7.889		
16,300.00	6,840.00	16,247.15	6,840.00	277.61	274.74	-90.00	-2,170.97	-10,980.78	4,287.39	3,738.50	548.89	7.811		
16,400.00	6,840.00	16,347.15	6,840.00	280.28	277.42	-90.00	-2,170.47	-11,080.78	4,287.33	3,733.05	554.28	7.735		
16,500.00	6,840.00	16,447.15	6,840.00	282.96	280.10	-90.00	-2,169.98	-11,180.78	4,287.28	3,727.61	559.67	7.660		
16,600.00	6,840.00	16,547.15	6,840.00	285.64	282.78	-90.00	-2,169.48	-11,280.78	4,287.22	3,722.16	565.06	7.587		
16,700.00	6,840.00	16,647.15	6,840.00	288.31	285.46	-90.00	-2,168.99	-11,380.78	4,287.16	3,716.71	570.45	7.515		
16,800.00	6,840.00	16,747.15	6,840.00	290.99	288.14	-90.00	-2,168.49	-11,480.78	4,287.10	3,711.26	575.85	7.445		
16,900.00	6,840.00	16,847.15	6,840.00	293.67	290.83	-90.00	-2,168.00	-11,580.78	4,287.05	3,705.81	581.24	7.376		
17,000.00	6,840.00	16,947.15	6,840.00	296.35	293.51	-90.00	-2,167.50	-11,680.77	4,286.99	3,700.35	586.64	7.308		
17,100.00	6,840.00	17,047.15	6,840.00	299.03	296.19	-90.00	-2,167.01	-11,780.77	4,286.93	3,694.90	592.03	7.241		
17,200.00	6,840.00	17,147.15	6,840.00	301.71	298.88	-90.00	-2,166.52	-11,880.77	4,286.88	3,689.45	597.43	7.176		
17,300.00	6,840.00	17,247.15	6,840.00	304.39	301.56	-90.00	-2,166.02	-11,980.77	4,286.82	3,683.99	602.83	7.111		
17,400.00	6,840.00	17,347.15	6,840.00	307.08	304.25	-90.00	-2,165.53	-12,080.77	4,286.76	3,678.54	608.23	7.048		
17,500.00	6,840.00	17,447.15	6,840.00	309.76	306.93	-90.00	-2,165.03	-12,180.77	4,286.71	3,673.08	613.62	6.986		
17,600.00	6,840.00	17,547.15	6,840.00	312.44	309.62	-90.00	-2,164.54	-12,280.77	4,286.65	3,667.62	619.02	6.925		
17,700.00	6,840.00	17,647.15	6,840.00	315.13	312.31	-90.00	-2,164.04	-12,380.77	4,286.59	3,662.17	624.42	6.865		
17,800.00	6,840.00	17,747.15	6,840.00	317.81	315.00	-90.00	-2,163.55	-12,480.76	4,286.53	3,656.71	629.83	6.806		
17,900.00	6,840.00	17,847.15	6,840.00	320.50	317.68	-90.00	-2,163.05	-12,580.76	4,286.48	3,651.25	635.23	6.748		
18,000.00	6,840.00	17,947.15	6,840.00	323.19	320.37	-90.00	-2,162.56	-12,680.76	4,286.42	3,645.79	640.63	6.691		
18,100.00	6,840.00	18,047.15	6,840.00	325.87	323.06	-90.00	-2,162.07	-12,780.76	4,286.36	3,640.33	646.03	6.635		
18,200.00	6,840.00	18,147.15	6,840.00	328.56	325.75	-90.00	-2,161.57	-12,880.76	4,286.31	3,634.87	651.44	6.580		
18,300.00	6,840.00	18,247.15	6,840.00	331.25	328.44	-90.00	-2,161.08	-12,980.76	4,286.25	3,629.41	656.84	6.526		
18,400.00	6,840.00	18,347.15	6,840.00	333.94	331.13	-90.00	-2,160.58	-13,080.76	4,286.19	3,623.95	662.24	6.472		
18,500.00	6,840.00	18,447.15	6,840.00	336.63	333.83	-90.00	-2,160.09	-13,180.76	4,286.14	3,618.48	667.65	6.420		
18,600.00	6,840.00	18,547.15	6,840.00	339.32	336.52	-90.00	-2,159.59	-13,280.75	4,286.08	3,613.02	673.06	6.368		
18,700.00	6,840.00	18,647.15	6,840.00	342.01	339.21	-90.00	-2,159.10	-13,380.75	4,286.02	3,607.56	678.46	6.317		
18,800.00	6,840.00	18,747.15	6,840.00	344.70	341.90	-90.00	-2,158.60	-13,480.75	4,285.96	3,602.09	683.87	6.267		
18,900.00	6,840.00	18,847.15	6,840.00	347.39	344.60	-90.00	-2,158.11	-13,580.75	4,285.91	3,596.63	689.28	6.218		
19,000.00	6,840.00	18,947.15	6,840.00	350.08	347.29	-90.00	-2,157.62	-13,680.75	4,285.85	3,591.17	694.69	6.169		
19,100.00	6,840.00	19,047.15	6,840.00	352.77	349.98	-90.00	-2,157.12	-13,780.75	4,285.79	3,585.70	700.09	6.122		
19,200.00	6,840.00	19,147.15	6,840.00	355.46	352.68	-90.00	-2,156.63	-13,880.75	4,285.74	3,580.23	705.50	6.075		
19,300.00	6,840.00	19,247.15	6,840.00	358.16	355.37	-90.00	-2,156.13	-13,980.75	4,285.68	3,574.77	710.91	6.028		
19,400.00	6,840.00	19,347.15	6,840.00	360.85	358.07	-90.00	-2,155.64	-14,080.74	4,285.62	3,569.30	716.32	5.983		
19,500.00	6,840.00	19,447.15	6,840.00	363.54	360.77	-90.00	-2,155.14	-14,180.74	4,285.57	3,563.83	721.73	5.938		
19,600.00	6,840.00	19,547.15	6,840.00	366.24	363.46	-90.00	-2,154.65	-14,280.74	4,285.51	3,558.37	727.14	5.894		
19,700.00	6,840.00	19,647.15	6,840.00	368.93	366.16	-90.00	-2,154.15	-14,380.74	4,285.45	3,552.90	732.55	5.850		
19,800.00	6,840.00	19,747.15	6,840.00	371.63	368.86	-90.00	-2,153.66	-14,480.74	4,285.39	3,547.43	737.97	5.807		
19,900.00	6,840.00	19,847.15	6,840.00	374.32	371.55	-90.00	-2,153.17	-14,580.74	4,285.34	3,541.96	743.38	5.765		
20,000.00	6,840.00	19,947.15	6,840.00	377.02	374.25	-90.00	-2,152.67	-14,680.74	4,285.28	3,536.49	748.79	5.723		
20,100.00	6,840.00	20,047.15	6,840.00	379.71	376.95	-90.00	-2,152.18	-14,780.74	4,285.22	3,531.02	754.20	5.682		
20,200.00	6,840.00	20,147.15	6,840.00	382.41	379.65	-90.00	-2,151.68	-14,880.73	4,285.17	3,525.55	759.62	5.641		
20,300.00	6,840.00	20,247.15	6,840.00	385.11	382.34	-90.00	-2,151.19	-14,980.73	4,285.11	3,520.08	765.03	5.601		
20,400.00	6,840.00	20,347.15	6,840.00	387.80	385.04	-90.00	-2,150.69	-15,080.73	4,285.05	3,514.61	770.44	5.562		
20,500.00	6,840.00	20,447.15	6,840.00	390.50	387.74	-90.00	-2,150.20	-15,180.73	4,285.00	3,509.14	775.86	5.523		
20,600.00	6,840.00	20,547.15	6,840.00	393.20	390.44	-90.00	-2,149.70	-15,280.73	4,284.94	3,503.67	781.27	5.485		
20,671.85	6,840.00	20,616.38	6,840.00	395.14	392.31	-90.00	-2,149.36	-15,349.96	4,284.90	3,499.81	785.09	5.458		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	20,616.38	6,840.00	395.67	392.31	-90.00	-2,149.36	-15,349.96	4,284.94	3,499.35	785.60	5.454 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-51.86	2,255.20	-2,872.10	3,652.33					
100.00	100.00	36.81	36.81	0.13	0.04	-51.86	2,255.24	-2,872.04	3,651.67	3,651.50	0.17	N/A		
200.00	200.00	147.18	147.17	0.49	0.16	-51.85	2,255.73	-2,871.22	3,651.36	3,650.71	0.65	5,603.768		
300.00	300.00	258.60	258.59	0.85	0.28	-51.83	2,256.22	-2,870.08	3,650.84	3,649.71	1.13	3,231.981		
400.00	399.98	383.01	382.98	1.21	0.38	-7.18	2,256.56	-2,868.17	3,648.07	3,646.50	1.58	2,312.645		
500.00	499.84	481.45	481.40	1.57	0.44	-7.19	2,256.81	-2,866.18	3,641.45	3,639.45	2.00	1,822.682		
600.00	599.45	581.67	581.60	1.94	0.50	-7.21	2,257.06	-2,864.26	3,631.46	3,629.04	2.42	1,503.627		
700.00	698.70	685.09	685.00	2.32	0.56	-7.24	2,257.30	-2,862.18	3,617.94	3,615.11	2.83	1,277.726		
800.00	797.47	774.70	774.60	2.73	0.60	-7.30	2,257.23	-2,860.63	3,601.04	3,597.79	3.24	1,111.162		
900.00	895.62	864.75	864.64	3.16	0.64	-7.38	2,257.09	-2,859.45	3,581.00	3,577.35	3.65	980.633		
1,000.00	993.06	962.37	962.26	3.63	0.69	-7.48	2,256.86	-2,858.38	3,557.71	3,553.64	4.07	874.524		
1,100.00	1,089.64	1,060.43	1,060.31	4.14	0.73	-7.60	2,256.42	-2,857.38	3,530.99	3,526.50	4.49	786.799		
1,200.00	1,185.27	1,154.70	1,154.57	4.70	0.77	-7.75	2,255.85	-2,856.52	3,500.95	3,496.04	4.91	712.980		
1,300.00	1,279.82	1,245.65	1,245.52	5.30	0.80	-7.92	2,255.22	-2,855.83	3,467.69	3,462.36	5.33	650.289		
1,400.00	1,373.17	1,334.15	1,334.02	5.96	0.84	-8.11	2,254.68	-2,855.23	3,431.32	3,425.56	5.76	595.691		
1,500.00	1,465.21	1,421.27	1,421.13	6.67	0.87	-8.32	2,254.11	-2,854.81	3,391.87	3,385.68	6.19	547.846		
1,600.00	1,555.84	1,506.08	1,505.94	7.44	0.90	-8.56	2,253.68	-2,854.48	3,349.42	3,342.80	6.63	505.432		
1,700.00	1,645.41	1,585.78	1,585.64	8.26	0.93	-8.70	2,253.44	-2,854.27	3,305.01	3,297.95	7.06	467.890		
1,800.00	1,734.94	1,676.71	1,676.57	9.09	0.95	-8.82	2,253.15	-2,854.22	3,260.66	3,253.16	7.49	435.066		
1,900.00	1,824.47	1,770.90	1,770.75	9.94	0.98	-8.96	2,252.57	-2,854.23	3,216.21	3,208.28	7.93	405.572		
2,000.00	1,913.99	1,861.87	1,861.72	10.80	1.01	-9.09	2,251.99	-2,854.11	3,171.67	3,163.30	8.37	378.859		
2,100.00	2,003.52	1,951.87	1,951.73	11.66	1.04	-9.23	2,251.46	-2,853.94	3,127.12	3,118.30	8.82	354.616		
2,200.00	2,093.05	2,049.54	2,049.40	12.53	1.07	-9.38	2,250.88	-2,853.65	3,082.51	3,073.25	9.27	332.641		
2,300.00	2,182.58	2,147.11	2,146.96	13.40	1.10	-9.53	2,250.28	-2,852.90	3,037.56	3,027.84	9.72	312.563		
2,400.00	2,272.11	2,240.67	2,240.51	14.28	1.14	-9.68	2,249.74	-2,852.01	2,992.52	2,982.35	10.17	294.131		
2,500.00	2,361.63	2,333.99	2,333.82	15.16	1.17	-9.83	2,248.92	-2,851.06	2,947.29	2,936.65	10.63	277.201		
2,600.00	2,451.16	2,420.85	2,420.67	16.04	1.20	-9.98	2,248.13	-2,850.22	2,902.09	2,890.99	11.10	261.539		
2,700.00	2,540.69	2,510.41	2,510.23	16.92	1.23	-10.15	2,247.09	-2,849.54	2,856.92	2,845.36	11.56	247.131		
2,800.00	2,630.22	2,597.33	2,597.13	17.81	1.26	-10.32	2,245.85	-2,849.07	2,811.79	2,799.76	12.03	233.768		
2,900.00	2,719.75	2,689.25	2,689.04	18.70	1.29	-10.51	2,244.51	-2,848.57	2,766.67	2,754.18	12.49	221.434		
3,000.00	2,809.28	2,781.82	2,781.60	19.58	1.32	-10.70	2,243.12	-2,847.96	2,721.46	2,708.50	12.96	209.953		
3,100.00	2,898.80	2,872.42	2,872.19	20.47	1.35	-10.90	2,241.60	-2,847.36	2,676.18	2,662.75	13.43	199.206		
3,200.00	2,988.33	2,958.65	2,958.41	21.36	1.38	-11.10	2,240.12	-2,846.81	2,630.93	2,617.02	13.91	189.107		
3,300.00	3,077.86	3,044.81	3,044.54	22.26	1.40	-11.32	2,238.32	-2,846.63	2,585.82	2,571.43	14.39	179.659		
3,400.00	3,167.39	3,127.43	3,127.15	23.15	1.42	-11.54	2,236.56	-2,846.57	2,540.83	2,525.95	14.88	170.753		
3,500.00	3,256.92	3,201.63	3,201.33	24.04	1.44	-11.74	2,235.17	-2,846.82	2,496.31	2,480.92	15.38	162.288		
3,600.00	3,346.44	3,274.09	3,273.78	24.93	1.45	-11.94	2,234.05	-2,847.46	2,452.38	2,436.49	15.89	154.372		
3,700.00	3,435.97	3,355.33	3,355.01	25.83	1.47	-12.18	2,233.04	-2,848.58	2,409.01	2,392.63	16.38	147.079		
3,800.00	3,525.50	3,445.31	3,444.97	26.72	1.48	-12.45	2,231.97	-2,849.94	2,365.81	2,348.95	16.86	140.324		
3,900.00	3,615.03	3,543.56	3,543.20	27.62	1.49	-12.76	2,230.65	-2,851.30	2,322.48	2,305.15	17.33	134.020		
4,000.00	3,704.56	3,643.10	3,642.72	28.51	1.51	-13.09	2,229.00	-2,852.29	2,278.76	2,260.95	17.80	128.002		
4,100.00	3,794.09	3,735.76	3,735.36	29.41	1.54	-13.41	2,227.22	-2,853.06	2,234.83	2,216.54	18.30	122.152		
4,200.00	3,883.61	3,824.93	3,824.51	30.30	1.56	-13.73	2,225.48	-2,853.75	2,190.91	2,172.10	18.80	116.529		
4,300.00	3,973.14	3,913.02	3,912.58	31.20	1.58	-14.06	2,223.74	-2,854.49	2,147.08	2,127.76	19.31	111.161		
4,400.00	4,062.67	4,003.29	4,002.83	32.10	1.60	-14.41	2,221.95	-2,855.24	2,103.30	2,083.47	19.83	106.072		
4,500.00	4,152.20	4,094.28	4,093.79	32.99	1.62	-14.79	2,219.98	-2,856.02	2,059.53	2,039.18	20.35	101.216		
4,600.00	4,241.73	4,182.18	4,181.67	33.89	1.65	-15.18	2,217.89	-2,856.88	2,015.81	1,994.93	20.88	96.531		
4,700.00	4,331.26	4,265.67	4,265.12	34.79	1.67	-15.56	2,215.80	-2,857.90	1,972.31	1,950.87	21.44	92.002		
4,800.00	4,420.78	4,348.84	4,348.25	35.69	1.68	-15.98	2,213.59	-2,859.31	1,929.19	1,907.18	22.00	87.675		
4,900.00	4,510.31	4,432.03	4,431.40	36.58	1.70	-16.41	2,211.43	-2,860.98	1,886.43	1,863.85	22.58	83.545		
5,000.00	4,599.84	4,515.11	4,514.43	37.48	1.72	-16.86	2,209.41	-2,862.91	1,844.10	1,820.93	23.17	79.600		
5,100.00	4,689.37	4,601.24	4,600.51	38.38	1.74	-17.35	2,207.39	-2,865.11	1,802.11	1,778.36	23.76	75.858		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,704.48	4,703.68	39.28	1.76	-17.97	2,204.52	-2,867.66	1,759.98	1,735.68	24.30	72.419		
5,300.00	4,868.42	4,775.63	4,774.76	40.18	1.77	-18.44	2,202.33	-2,869.68	1,718.15	1,693.18	24.98	68.789		
5,400.00	4,957.95	4,846.62	4,845.67	41.07	1.79	-18.92	2,200.33	-2,872.41	1,677.39	1,651.72	25.67	65.341		
5,500.00	5,047.48	4,920.92	4,919.86	41.97	1.80	-19.45	2,198.56	-2,876.06	1,637.83	1,611.45	26.37	62.102		
5,600.00	5,137.01	5,006.85	5,005.63	42.87	1.81	-20.11	2,196.35	-2,880.86	1,598.93	1,571.88	27.06	59.096		
5,700.00	5,226.54	5,084.42	5,083.04	43.77	1.82	-20.72	2,194.62	-2,885.56	1,560.77	1,532.98	27.79	56.159		
5,800.00	5,316.07	5,170.41	5,168.85	44.67	1.83	-21.40	2,193.64	-2,890.88	1,523.36	1,494.85	28.51	53.431		
5,900.00	5,405.59	5,272.83	5,271.12	45.57	1.84	-22.19	2,193.75	-2,896.46	1,486.07	1,456.90	29.17	50.945		
6,000.00	5,495.12	5,385.25	5,383.46	46.47	1.85	-23.05	2,194.49	-2,900.78	1,447.84	1,418.05	29.79	48.603		
6,100.00	5,584.65	5,485.85	5,484.03	47.37	1.85	-23.84	2,195.29	-2,903.31	1,408.74	1,378.27	30.47	46.229		
6,200.00	5,674.18	5,582.37	5,580.52	48.27	1.85	-24.62	2,196.38	-2,905.04	1,369.36	1,338.17	31.19	43.898		
6,300.00	5,763.71	5,682.12	5,680.25	49.16	1.85	-25.43	2,198.23	-2,905.93	1,329.70	1,297.78	31.91	41.670		
6,400.00	5,853.23	5,784.16	5,782.26	50.06	1.84	-26.26	2,200.76	-2,905.70	1,289.49	1,256.86	32.63	39.523		
6,500.00	5,942.76	5,886.58	5,884.64	50.96	1.84	-27.14	2,203.21	-2,904.45	1,248.60	1,215.24	33.36	37.424		
6,600.00	6,032.29	5,989.70	5,987.73	51.86	1.84	-28.13	2,204.66	-2,902.41	1,207.00	1,172.86	34.14	35.355		
6,700.00	6,121.82	6,087.76	6,085.75	52.76	1.85	-29.17	2,205.35	-2,899.71	1,164.77	1,129.78	34.99	33.287		
6,800.00	6,211.35	6,169.42	6,167.37	53.66	1.86	-30.10	2,205.66	-2,897.42	1,122.71	1,086.71	36.00	31.183		
6,900.00	6,300.88	6,252.82	6,250.74	54.56	1.87	-31.10	2,206.56	-2,895.53	1,081.61	1,044.56	37.05	29.193		
7,000.00	6,390.40	6,341.58	6,339.49	55.46	1.88	-32.27	2,207.15	-2,893.90	1,041.14	1,003.01	38.13	27.307		
7,100.00	6,479.90	6,431.22	6,429.11	56.36	1.89	-31.72	2,207.65	-2,892.12	1,000.81	961.55	39.26	25.490		
7,200.00	6,569.42	6,513.10	6,510.98	57.41	1.90	-20.46	2,208.10	-2,890.71	951.98	911.61	40.38	23.576		
7,300.00	6,643.25	6,591.27	6,589.14	58.67	1.91	-12.73	2,208.37	-2,889.46	889.54	848.25	41.29	21.546		
7,400.00	6,710.45	6,657.35	6,655.21	60.11	1.92	-5.98	2,208.48	-2,888.37	815.03	773.08	41.95	19.426		
7,500.00	6,765.16	6,710.28	6,708.13	61.71	1.93	2.31	2,208.60	-2,887.50	730.66	688.37	42.28	17.280		
7,600.00	6,805.74	6,748.19	6,746.03	63.40	1.93	16.95	2,208.68	-2,886.94	638.99	596.84	42.15	15.160		
7,700.00	6,830.93	6,771.41	6,769.25	65.14	1.94	48.89	2,208.74	-2,886.63	542.98	501.64	41.35	13.132		
7,800.00	6,839.98	6,779.04	6,776.88	66.86	1.94	90.58	2,208.76	-2,886.53	446.13	406.53	39.60	11.266		
7,900.00	6,840.00	6,777.86	6,775.71	68.58	1.94	91.66	2,208.75	-2,886.55	351.48	314.63	36.86	9.536		
8,000.00	6,840.00	6,776.65	6,774.50	70.35	1.94	91.12	2,208.75	-2,886.56	260.86	227.11	33.76	7.728		
8,100.00	6,840.00	6,775.43	6,773.27	72.18	1.94	90.57	2,208.75	-2,886.58	180.43	144.71	35.72	5.051		
8,200.00	6,840.00	6,774.19	6,772.03	74.06	1.94	90.02	2,208.74	-2,886.59	130.61	71.60	59.01	2.213		
8,227.50	6,840.00	6,773.85	6,771.69	74.58	1.94	89.86	2,208.74	-2,886.60	127.69	60.51	67.18	1.901 CC, ES		
8,300.00	6,840.00	6,772.94	6,770.78	75.98	1.94	89.45	2,208.74	-2,886.61	146.83	69.08	77.75	1.889 SF		
8,400.00	6,840.00	6,771.68	6,769.52	77.96	1.94	88.89	2,208.74	-2,886.63	214.61	140.14	74.47	2.882		
8,500.00	6,840.00	6,770.40	6,768.24	79.97	1.94	88.31	2,208.74	-2,886.64	300.92	231.62	69.30	4.342		
8,600.00	6,840.00	6,769.11	6,766.95	82.03	1.94	87.74	2,208.73	-2,886.66	393.75	328.08	65.67	5.996		
8,700.00	6,840.00	6,767.80	6,765.65	84.12	1.94	87.15	2,208.73	-2,886.67	489.42	426.21	63.20	7.743		
8,800.00	6,840.00	6,766.48	6,764.33	86.25	1.94	86.56	2,208.73	-2,886.69	586.53	525.06	61.46	9.543		
8,900.00	6,840.00	6,765.15	6,762.99	88.41	1.94	85.96	2,208.72	-2,886.71	684.47	624.29	60.18	11.374		
9,000.00	6,840.00	6,763.80	6,761.64	90.60	1.94	85.36	2,208.72	-2,886.73	782.92	723.72	59.20	13.224		
9,100.00	6,840.00	6,762.43	6,760.28	92.82	1.94	84.75	2,208.72	-2,886.74	881.73	823.29	58.44	15.088		
9,200.00	6,840.00	6,761.05	6,758.90	95.07	1.94	84.14	2,208.71	-2,886.76	980.77	922.95	57.83	16.961		
9,300.00	6,840.00	6,759.66	6,757.50	97.34	1.94	83.52	2,208.71	-2,886.78	1,079.99	1,022.67	57.32	18.840		
9,400.00	6,840.00	6,758.25	6,756.09	99.64	1.94	82.90	2,208.71	-2,886.80	1,179.34	1,122.43	56.91	20.723		
9,500.00	6,840.00	6,756.82	6,754.67	101.95	1.94	82.27	2,208.70	-2,886.82	1,278.79	1,222.23	56.56	22.610		
9,600.00	6,840.00	6,755.38	6,753.22	104.29	1.93	81.63	2,208.70	-2,886.84	1,378.32	1,322.06	56.26	24.499		
9,700.00	6,840.00	6,753.92	6,751.76	106.64	1.93	80.99	2,208.70	-2,886.86	1,477.91	1,421.90	56.00	26.389		
9,800.00	6,840.00	6,752.44	6,750.28	109.02	1.93	80.34	2,208.69	-2,886.88	1,577.55	1,521.77	55.78	28.281		
9,900.00	6,840.00	6,750.94	6,748.79	111.41	1.93	79.69	2,208.69	-2,886.90	1,677.23	1,621.64	55.59	30.172		
10,000.00	6,840.00	6,749.43	6,747.28	113.81	1.93	79.04	2,208.69	-2,886.92	1,776.95	1,721.53	55.42	32.064		
10,100.00	6,840.00	6,747.90	6,745.75	116.23	1.93	78.38	2,208.68	-2,886.94	1,876.69	1,821.42	55.27	33.955		
10,200.00	6,840.00	6,746.35	6,744.20	118.67	1.93	77.71	2,208.68	-2,886.96	1,976.46	1,921.33	55.14	35.846		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,744.79	6,742.63	121.11	1.93	77.04	2,208.68	-2,886.98	2,076.25	2,021.23	55.02	37.737		
10,400.00	6,840.00	6,743.20	6,741.05	123.57	1.93	76.37	2,208.67	-2,887.01	2,176.06	2,121.15	54.91	39.626		
10,500.00	6,840.00	6,741.59	6,739.44	126.04	1.93	75.69	2,208.67	-2,887.03	2,275.89	2,221.07	54.82	41.515		
10,600.00	6,840.00	6,739.97	6,737.82	128.52	1.93	75.00	2,208.66	-2,887.05	2,375.73	2,320.99	54.74	43.402		
10,700.00	6,840.00	6,738.32	6,736.17	131.01	1.93	74.32	2,208.66	-2,887.08	2,475.58	2,420.92	54.66	45.288		
10,800.00	6,840.00	6,736.66	6,734.51	133.51	1.93	73.63	2,208.66	-2,887.10	2,575.44	2,520.84	54.60	47.173		
10,900.00	6,840.00	6,734.97	6,732.82	136.02	1.93	72.93	2,208.65	-2,887.12	2,675.31	2,620.78	54.54	49.056		
11,000.00	6,840.00	6,733.27	6,731.11	138.53	1.93	72.23	2,208.65	-2,887.15	2,775.19	2,720.71	54.48	50.938		
11,100.00	6,840.00	6,731.54	6,729.39	141.06	1.93	71.53	2,208.65	-2,887.17	2,875.08	2,820.64	54.43	52.818		
11,200.00	6,840.00	6,729.79	6,727.64	143.59	1.93	70.83	2,208.64	-2,887.20	2,974.97	2,920.58	54.39	54.696		
11,300.00	6,840.00	6,728.02	6,725.86	146.13	1.93	70.12	2,208.64	-2,887.23	3,074.87	3,020.52	54.35	56.573		
11,400.00	6,840.00	6,726.22	6,724.07	148.68	1.93	69.41	2,208.63	-2,887.25	3,174.78	3,120.46	54.32	58.448		
11,500.00	6,840.00	6,724.40	6,722.25	151.23	1.93	68.69	2,208.63	-2,887.28	3,274.69	3,220.40	54.29	60.321		
11,600.00	6,840.00	6,722.56	6,720.41	153.79	1.93	67.98	2,208.62	-2,887.31	3,374.60	3,320.34	54.26	62.192		
11,700.00	6,840.00	6,720.69	6,718.54	156.35	1.93	67.26	2,208.62	-2,887.34	3,474.52	3,420.28	54.24	64.061		
11,800.00	6,840.00	6,718.80	6,716.65	158.92	1.93	66.54	2,208.62	-2,887.37	3,574.44	3,520.23	54.22	65.928		
11,900.00	6,840.00	6,716.89	6,714.73	161.49	1.93	65.82	2,208.61	-2,887.40	3,674.37	3,620.17	54.20	67.793		
12,000.00	6,840.00	6,714.94	6,712.79	164.07	1.93	65.10	2,208.61	-2,887.43	3,774.30	3,720.11	54.19	69.655		
12,100.00	6,840.00	6,712.98	6,710.83	166.66	1.93	64.38	2,208.60	-2,887.46	3,874.23	3,820.06	54.17	71.516		
12,200.00	6,840.00	6,710.98	6,708.83	169.25	1.93	63.65	2,208.60	-2,887.49	3,974.16	3,920.00	54.16	73.374		
12,300.00	6,840.00	6,708.96	6,706.81	171.84	1.93	62.93	2,208.59	-2,887.52	4,074.10	4,019.95	54.16	75.230		
12,400.00	6,840.00	6,706.91	6,704.76	174.44	1.93	62.20	2,208.59	-2,887.55	4,174.04	4,119.89	54.15	77.084		
12,500.00	6,840.00	6,704.83	6,702.68	177.04	1.93	61.47	2,208.58	-2,887.59	4,273.98	4,219.84	54.15	78.935		
12,600.00	6,840.00	6,702.73	6,700.58	179.64	1.93	60.75	2,208.58	-2,887.62	4,373.93	4,319.78	54.14	80.783		
12,700.00	6,840.00	6,700.59	6,698.44	182.25	1.93	60.02	2,208.57	-2,887.66	4,473.87	4,419.73	54.14	82.630		
12,800.00	6,840.00	6,698.80	6,696.66	184.86	1.93	59.29	2,208.57	-2,887.69	4,573.82	4,519.67	54.15	84.471		
12,900.00	6,840.00	6,697.16	6,695.01	187.47	1.93	58.57	2,208.57	-2,887.71	4,673.77	4,619.61	54.15	86.310		
13,000.00	6,840.00	6,695.51	6,693.36	190.09	1.93	57.83	2,208.56	-2,887.74	4,773.72	4,719.56	54.16	88.145		
13,100.00	6,840.00	6,693.86	6,691.71	192.71	1.93	57.09	2,208.56	-2,887.77	4,873.67	4,819.50	54.17	89.977		
13,200.00	6,840.00	6,692.21	6,690.07	195.34	1.93	56.35	2,208.56	-2,887.79	4,973.62	4,919.45	54.17	91.807		
13,300.00	6,840.00	6,690.56	6,688.42	197.96	1.92	55.61	2,208.55	-2,887.82	5,073.57	5,019.39	54.19	93.634		
13,400.00	6,840.00	6,688.92	6,686.77	200.59	1.92	54.87	2,208.55	-2,887.85	5,173.53	5,119.33	54.20	95.457		
13,500.00	6,840.00	6,687.27	6,685.12	203.22	1.92	54.13	2,208.54	-2,887.87	5,273.49	5,219.28	54.21	97.278		
13,600.00	6,840.00	6,685.62	6,683.47	205.85	1.92	53.39	2,208.54	-2,887.90	5,373.44	5,319.22	54.22	99.095		
13,700.00	6,840.00	6,683.97	6,681.82	208.49	1.92	52.65	2,208.54	-2,887.93	5,473.40	5,419.16	54.24	100.910		
13,800.00	6,840.00	6,682.32	6,680.17	211.13	1.92	51.91	2,208.53	-2,887.96	5,573.36	5,519.11	54.26	102.721		
13,900.00	6,840.00	6,680.67	6,678.52	213.77	1.92	51.17	2,208.53	-2,887.98	5,673.32	5,619.05	54.28	104.529		
14,000.00	6,840.00	6,679.02	6,676.87	216.41	1.92	50.43	2,208.53	-2,888.01	5,773.28	5,718.99	54.29	106.334		
14,100.00	6,840.00	6,677.36	6,675.22	219.06	1.92	49.69	2,208.52	-2,888.04	5,873.25	5,818.93	54.31	108.136		
14,200.00	6,840.00	6,675.71	6,673.57	221.70	1.92	48.95	2,208.52	-2,888.06	5,973.21	5,918.88	54.33	109.934		
14,300.00	6,840.00	6,674.06	6,671.92	224.35	1.92	48.21	2,208.52	-2,888.09	6,073.17	6,018.82	54.36	111.729		
14,400.00	6,840.00	6,672.41	6,670.26	227.00	1.92	47.47	2,208.51	-2,888.12	6,173.14	6,118.76	54.38	113.520		
14,500.00	6,840.00	6,670.76	6,668.61	229.65	1.92	46.73	2,208.51	-2,888.15	6,273.10	6,218.70	54.40	115.308		
14,600.00	6,840.00	6,669.10	6,666.96	232.30	1.92	45.99	2,208.51	-2,888.17	6,373.07	6,318.64	54.43	117.093		
14,700.00	6,840.00	6,667.45	6,665.31	234.96	1.92	45.25	2,208.50	-2,888.20	6,473.04	6,418.58	54.45	118.874		
14,800.00	6,840.00	6,665.80	6,663.65	237.61	1.92	44.51	2,208.50	-2,888.23	6,573.01	6,518.53	54.48	120.652		
14,900.00	6,840.00	6,664.14	6,662.00	240.27	1.92	43.77	2,208.50	-2,888.26	6,672.97	6,618.47	54.51	122.426		
15,000.00	6,840.00	6,662.49	6,660.35	242.93	1.92	43.03	2,208.49	-2,888.28	6,772.94	6,718.41	54.53	124.197		
15,100.00	6,840.00	6,660.83	6,658.69	245.59	1.92	42.29	2,208.49	-2,888.31	6,872.91	6,818.35	54.56	125.964		
15,200.00	6,840.00	6,659.18	6,657.04	248.25	1.92	41.55	2,208.49	-2,888.34	6,972.88	6,918.29	54.59	127.727		
15,300.00	6,840.00	6,657.52	6,655.38	250.92	1.92	40.81	2,208.48	-2,888.36	7,072.85	7,018.23	54.62	129.487		
15,400.00	6,840.00	6,655.87	6,653.73	253.58	1.92	40.07	2,208.48	-2,888.39	7,172.82	7,118.17	54.65	131.242		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,654.21	6,652.07	256.25	1.92	46.73	2,208.48	-2,888.42	7,272.79	7,218.11	54.68	132.995		
15,600.00	6,840.00	6,652.56	6,650.41	258.91	1.92	46.34	2,208.47	-2,888.45	7,372.76	7,318.05	54.72	134.743		
15,700.00	6,840.00	6,650.90	6,648.76	261.58	1.92	45.95	2,208.47	-2,888.47	7,472.73	7,417.98	54.75	136.488		
15,800.00	6,840.00	6,649.24	6,647.10	264.25	1.92	45.57	2,208.47	-2,888.50	7,572.71	7,517.92	54.78	138.228		
15,900.00	6,840.00	6,647.59	6,645.44	266.92	1.92	45.19	2,208.47	-2,888.53	7,672.68	7,617.86	54.82	139.965		
16,000.00	6,840.00	6,645.93	6,643.79	269.59	1.92	44.82	2,208.46	-2,888.56	7,772.65	7,717.80	54.85	141.698		
16,100.00	6,840.00	6,644.27	6,642.13	272.26	1.92	44.45	2,208.46	-2,888.58	7,872.62	7,817.74	54.89	143.427		
16,200.00	6,840.00	6,642.61	6,640.47	274.94	1.92	44.08	2,208.46	-2,888.61	7,972.60	7,917.67	54.93	145.152		
16,300.00	6,840.00	6,640.95	6,638.81	277.61	1.92	43.73	2,208.45	-2,888.64	8,072.57	8,017.61	54.96	146.874		
16,400.00	6,840.00	6,639.30	6,637.16	280.28	1.92	43.37	2,208.45	-2,888.66	8,172.55	8,117.55	55.00	148.591		
16,500.00	6,840.00	6,637.64	6,635.50	282.96	1.92	43.02	2,208.45	-2,888.69	8,272.52	8,217.48	55.04	150.304		
16,600.00	6,840.00	6,635.98	6,633.84	285.64	1.92	42.67	2,208.44	-2,888.72	8,372.49	8,317.42	55.08	152.013		
16,700.00	6,840.00	6,634.32	6,632.18	288.31	1.92	42.33	2,208.44	-2,888.75	8,472.47	8,417.35	55.12	153.718		
16,800.00	6,840.00	6,632.66	6,630.52	290.99	1.92	42.00	2,208.44	-2,888.77	8,572.44	8,517.29	55.16	155.419		
16,900.00	6,840.00	6,631.00	6,628.86	293.67	1.92	41.66	2,208.44	-2,888.80	8,672.42	8,617.22	55.20	157.116		
17,000.00	6,840.00	6,629.34	6,627.20	296.35	1.92	41.33	2,208.43	-2,888.83	8,772.40	8,717.16	55.24	158.808		
17,100.00	6,840.00	6,627.67	6,625.54	299.03	1.91	41.01	2,208.43	-2,888.86	8,872.37	8,817.09	55.28	160.497		
17,200.00	6,840.00	6,626.01	6,623.88	301.71	1.91	40.69	2,208.43	-2,888.88	8,972.35	8,917.03	55.32	162.181		
17,300.00	6,840.00	6,624.35	6,622.21	304.39	1.91	40.37	2,208.43	-2,888.91	9,072.32	9,016.96	55.37	163.861		
17,400.00	6,840.00	6,622.69	6,620.55	307.08	1.91	40.06	2,208.42	-2,888.94	9,172.30	9,116.89	55.41	165.537		
17,500.00	6,840.00	6,621.03	6,618.89	309.76	1.91	39.75	2,208.42	-2,888.97	9,272.28	9,216.82	55.45	167.209		
17,600.00	6,840.00	6,619.36	6,617.23	312.44	1.91	39.45	2,208.42	-2,888.99	9,372.26	9,316.76	55.50	168.876		
17,700.00	6,840.00	6,617.70	6,615.56	315.13	1.91	39.15	2,208.41	-2,889.02	9,472.23	9,416.69	55.54	170.539		
17,800.00	6,840.00	6,616.04	6,613.90	317.81	1.91	38.85	2,208.41	-2,889.05	9,572.21	9,516.62	55.59	172.198		
17,900.00	6,840.00	6,614.37	6,612.24	320.50	1.91	38.56	2,208.41	-2,889.08	9,672.19	9,616.55	55.63	173.852		
18,000.00	6,840.00	6,612.71	6,610.57	323.19	1.91	38.27	2,208.41	-2,889.10	9,772.17	9,716.48	55.68	175.502		
18,100.00	6,840.00	6,611.05	6,608.91	325.87	1.91	37.98	2,208.40	-2,889.13	9,872.14	9,816.41	55.73	177.148		
18,200.00	6,840.00	6,609.38	6,607.24	328.56	1.91	37.70	2,208.40	-2,889.16	9,972.12	9,916.35	55.78	178.789		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-71.85	939.70	-2,866.95	3,017.83					
100.00	100.00	23.05	23.05	0.13	0.02	-71.85	939.70	-2,866.98	3,017.06	3,016.90	0.16	N/A		
200.00	200.00	100.00	100.00	0.49	0.10	-71.86	939.68	-2,867.48	3,017.67	3,017.08	0.59	5,125.938		
300.00	300.00	210.51	210.51	0.85	0.25	-71.86	939.77	-2,868.41	3,018.49	3,017.40	1.10	2,748.765		
400.00	399.98	311.07	311.07	1.21	0.33	-27.25	939.90	-2,869.05	3,017.59	3,016.05	1.53	1,965.930		
500.00	499.84	410.55	410.54	1.57	0.40	-27.34	939.96	-2,869.71	3,013.59	3,011.63	1.96	1,535.526		
600.00	599.45	518.45	518.44	1.94	0.45	-27.49	939.72	-2,870.31	3,006.30	3,003.92	2.38	1,261.315		
700.00	698.70	611.83	611.82	2.32	0.51	-27.70	939.44	-2,870.86	2,995.95	2,993.15	2.80	1,069.913		
800.00	797.47	705.26	705.24	2.73	0.55	-27.96	939.35	-2,871.53	2,982.73	2,979.51	3.22	925.873		
900.00	895.62	795.14	795.12	3.16	0.60	-28.28	939.28	-2,872.39	2,966.71	2,963.06	3.65	813.103		
1,000.00	993.06	889.87	889.84	3.63	0.65	-28.67	939.07	-2,873.53	2,947.89	2,943.80	4.09	721.380		
1,100.00	1,089.64	990.91	990.87	4.14	0.69	-29.16	938.66	-2,874.79	2,926.10	2,921.57	4.54	644.929		
1,200.00	1,185.27	1,087.50	1,087.46	4.70	0.74	-29.71	938.17	-2,875.91	2,901.32	2,896.32	5.00	580.379		
1,300.00	1,279.82	1,178.31	1,178.26	5.30	0.78	-30.31	937.74	-2,877.00	2,873.73	2,868.26	5.48	524.835		
1,400.00	1,373.17	1,261.14	1,261.08	5.96	0.81	-30.97	937.32	-2,878.21	2,843.60	2,837.63	5.97	476.337		
1,500.00	1,465.21	1,347.06	1,346.99	6.67	0.85	-31.71	937.05	-2,879.77	2,811.10	2,804.61	6.49	433.202		
1,600.00	1,555.84	1,437.03	1,436.94	7.44	0.89	-32.57	936.92	-2,881.42	2,776.04	2,769.00	7.04	394.506		
1,700.00	1,645.41	1,525.49	1,525.38	8.26	0.92	-33.16	936.76	-2,883.11	2,739.27	2,731.66	7.61	360.089		
1,800.00	1,734.94	1,614.45	1,614.33	9.09	0.96	-33.66	936.67	-2,884.84	2,702.69	2,694.49	8.19	329.973		
1,900.00	1,824.47	1,705.83	1,705.69	9.94	0.99	-34.19	936.65	-2,886.59	2,666.29	2,657.50	8.79	303.295		
2,000.00	1,913.99	1,792.01	1,791.86	10.80	1.03	-34.70	936.99	-2,888.20	2,630.17	2,620.76	9.41	279.637		
2,100.00	2,003.52	1,889.17	1,888.99	11.66	1.06	-35.27	937.92	-2,889.85	2,594.21	2,584.17	10.03	258.548		
2,200.00	2,093.05	1,976.29	1,976.10	12.53	1.09	-35.79	939.03	-2,891.17	2,558.36	2,547.68	10.67	239.659		
2,300.00	2,182.58	2,065.35	2,065.14	13.40	1.12	-36.33	940.37	-2,892.59	2,522.85	2,511.52	11.33	222.694		
2,400.00	2,272.11	2,157.56	2,157.32	14.28	1.15	-36.89	941.98	-2,894.01	2,487.54	2,475.55	11.99	207.421		
2,500.00	2,361.63	2,251.68	2,251.41	15.16	1.17	-37.48	943.96	-2,895.28	2,452.37	2,439.70	12.67	193.607		
2,600.00	2,451.16	2,345.24	2,344.93	16.04	1.20	-38.07	946.58	-2,896.29	2,417.27	2,403.92	13.35	181.082		
2,700.00	2,540.69	2,445.87	2,445.50	16.92	1.22	-38.70	949.72	-2,897.14	2,382.27	2,368.23	14.04	169.721		
2,800.00	2,630.22	2,555.38	2,554.96	17.81	1.25	-39.41	953.18	-2,897.26	2,346.83	2,332.10	14.72	159.384		
2,900.00	2,719.75	2,654.66	2,654.19	18.70	1.27	-40.07	956.46	-2,896.72	2,311.05	2,295.62	15.43	149.815		
3,000.00	2,809.28	2,750.28	2,749.75	19.58	1.28	-40.73	959.58	-2,895.97	2,275.31	2,259.17	16.14	140.965		
3,100.00	2,898.80	2,844.57	2,844.00	20.47	1.30	-41.41	962.30	-2,895.05	2,239.60	2,222.73	16.87	132.758		
3,200.00	2,988.33	2,933.97	2,933.36	21.36	1.31	-42.07	964.92	-2,894.09	2,204.10	2,186.48	17.62	125.114		
3,300.00	3,077.86	3,019.11	3,018.46	22.26	1.33	-42.72	967.15	-2,893.33	2,169.01	2,150.63	18.38	117.981		
3,400.00	3,167.39	3,101.71	3,101.03	23.15	1.35	-43.38	969.07	-2,892.88	2,134.52	2,115.34	19.17	111.331		
3,500.00	3,256.92	3,192.59	3,191.90	24.04	1.37	-44.14	970.85	-2,892.54	2,100.49	2,080.52	19.97	105.180		
3,600.00	3,346.44	3,288.64	3,287.94	24.93	1.38	-44.97	972.30	-2,892.07	2,066.69	2,045.91	20.78	99.467		
3,700.00	3,435.97	3,371.03	3,370.32	25.83	1.40	-45.72	973.27	-2,891.66	2,033.25	2,011.63	21.62	94.046		
3,800.00	3,525.50	3,455.57	3,454.85	26.72	1.42	-46.51	974.09	-2,891.58	2,000.58	1,978.10	22.48	88.988		
3,900.00	3,615.03	3,543.83	3,543.11	27.62	1.44	-47.37	974.72	-2,891.63	1,968.50	1,945.14	23.36	84.265		
4,000.00	3,704.56	3,633.56	3,632.84	28.51	1.47	-48.26	975.48	-2,891.70	1,936.89	1,912.64	24.26	79.849		
4,100.00	3,794.09	3,724.86	3,724.13	29.41	1.49	-49.19	976.56	-2,891.78	1,905.78	1,880.62	25.17	75.726		
4,200.00	3,883.61	3,817.88	3,817.15	30.30	1.51	-50.16	977.88	-2,891.65	1,874.97	1,848.88	26.09	71.863		
4,300.00	3,973.14	3,898.75	3,898.01	31.20	1.53	-51.02	979.11	-2,891.74	1,844.89	1,817.84	27.05	68.203		
4,400.00	4,062.67	3,994.27	3,993.52	32.10	1.56	-52.06	980.65	-2,891.93	1,815.45	1,787.44	28.01	64.815		
4,500.00	4,152.20	4,081.22	4,080.46	32.99	1.59	-53.04	981.97	-2,892.04	1,786.50	1,757.50	29.00	61.601		
4,600.00	4,241.73	4,169.72	4,168.94	33.89	1.61	-54.07	983.16	-2,892.27	1,758.29	1,728.28	30.01	58.587		
4,700.00	4,331.26	4,251.19	4,250.41	34.79	1.64	-55.04	984.38	-2,892.66	1,730.91	1,699.86	31.05	55.743		
4,800.00	4,420.78	4,333.67	4,332.86	35.69	1.66	-56.04	985.85	-2,893.62	1,704.75	1,672.64	32.11	53.095		
4,900.00	4,510.31	4,422.47	4,421.64	36.58	1.69	-57.14	987.42	-2,894.80	1,679.42	1,646.25	33.18	50.623		
5,000.00	4,599.84	4,507.71	4,506.86	37.48	1.72	-58.22	988.84	-2,896.13	1,655.02	1,620.76	34.27	48.300		
5,100.00	4,689.37	4,594.07	4,593.19	38.38	1.75	-59.36	990.03	-2,897.67	1,631.62	1,596.25	35.37	46.124		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,675.98	4,675.08	39.28	1.77	-60.46	990.78	-2,899.37	1,609.36	1,572.85	36.51	44.082		
5,300.00	4,868.42	4,760.84	4,759.92	40.18	1.79	-61.65	991.17	-2,901.47	1,588.37	1,550.71	37.66	42.181		
5,400.00	4,957.95	4,849.43	4,848.48	41.07	1.82	-62.92	991.25	-2,903.78	1,568.47	1,529.66	38.82	40.408		
5,500.00	5,047.48	4,941.51	4,940.53	41.97	1.84	-64.28	991.08	-2,906.11	1,549.51	1,509.53	39.99	38.751		
5,600.00	5,137.01	5,034.21	5,033.20	42.87	1.87	-65.68	990.91	-2,908.27	1,531.35	1,490.19	41.17	37.198		
5,700.00	5,226.54	5,125.31	5,124.28	43.77	1.89	-67.08	990.68	-2,910.29	1,514.15	1,471.79	42.36	35.747		
5,800.00	5,316.07	5,217.72	5,216.68	44.67	1.91	-68.54	990.48	-2,912.22	1,497.88	1,454.33	43.55	34.394		
5,900.00	5,405.59	5,308.30	5,307.23	45.57	1.94	-69.98	990.40	-2,914.10	1,482.63	1,437.89	44.75	33.135		
6,000.00	5,495.12	5,402.75	5,401.66	46.47	1.97	-71.50	990.70	-2,916.05	1,468.35	1,422.42	45.93	31.967		
6,100.00	5,584.65	5,490.56	5,489.45	47.37	1.99	-72.93	991.33	-2,917.97	1,455.15	1,408.03	47.12	30.883		
6,200.00	5,674.18	5,588.22	5,587.07	48.27	2.02	-74.51	992.58	-2,920.25	1,442.97	1,394.69	48.28	29.885		
6,300.00	5,763.71	5,702.14	5,700.94	49.16	2.06	-76.36	995.33	-2,922.25	1,430.99	1,381.57	49.42	28.956		
6,400.00	5,853.23	5,818.02	5,816.75	50.06	2.09	-78.27	999.38	-2,922.68	1,418.54	1,368.01	50.53	28.073		
6,500.00	5,942.76	5,927.34	5,925.98	50.96	2.11	-80.12	1,003.50	-2,921.26	1,405.84	1,354.20	51.63	27.227		
6,600.00	6,032.29	6,030.71	6,029.24	51.86	2.12	-81.95	1,007.19	-2,918.32	1,393.29	1,340.56	52.73	26.422		
6,700.00	6,121.82	6,121.59	6,120.00	52.76	2.13	-83.61	1,009.98	-2,914.67	1,381.47	1,327.63	53.84	25.661		
6,800.00	6,211.35	6,195.11	6,193.46	53.66	2.13	-84.99	1,011.67	-2,911.91	1,371.67	1,316.73	54.94	24.967		
6,900.00	6,300.88	6,284.02	6,282.30	54.56	2.13	-86.67	1,013.30	-2,908.95	1,363.87	1,307.88	55.99	24.359		
7,000.00	6,390.40	6,374.91	6,373.12	55.46	2.14	-88.42	1,014.85	-2,905.69	1,357.47	1,300.46	57.01	23.812		
7,100.00	6,479.90	6,457.30	6,455.44	56.36	2.14	-88.37	1,015.80	-2,902.40	1,352.58	1,294.58	58.00	23.322		
7,200.00	6,565.62	6,532.57	6,530.65	57.41	2.14	-79.83	1,016.03	-2,899.45	1,342.18	1,283.10	59.08	22.718		
7,300.00	6,643.25	6,599.63	6,597.65	58.67	2.13	-76.55	1,015.59	-2,896.76	1,322.46	1,262.15	60.32	21.925		
7,400.00	6,710.45	6,655.43	6,653.41	60.11	2.13	-76.46	1,014.87	-2,894.66	1,295.19	1,233.53	61.66	21.005		
7,500.00	6,765.16	6,700.74	6,698.69	61.71	2.13	-78.44	1,014.14	-2,893.20	1,262.33	1,199.28	63.05	20.022		
7,600.00	6,805.74	6,737.13	6,735.05	63.40	2.12	-81.80	1,013.50	-2,892.13	1,225.86	1,161.46	64.40	19.035		
7,700.00	6,830.93	6,758.72	6,756.64	65.14	2.12	-85.65	1,013.12	-2,891.52	1,187.86	1,122.25	65.62	18.102		
7,800.00	6,839.98	6,764.76	6,762.67	66.86	2.12	-89.42	1,013.01	-2,891.35	1,150.28	1,083.67	66.60	17.271		
7,900.00	6,840.00	6,762.06	6,759.97	68.58	2.12	-89.46	1,013.06	-2,891.43	1,117.02	1,049.72	67.30	16.598		
8,000.00	6,840.00	6,759.32	6,757.23	70.35	2.12	-89.32	1,013.10	-2,891.50	1,091.93	1,024.25	67.68	16.133		
8,100.00	6,840.00	6,756.56	6,754.48	72.18	2.12	-89.17	1,013.15	-2,891.58	1,075.58	1,007.88	67.70	15.888		
8,200.00	6,840.00	6,753.79	6,751.70	74.06	2.12	-89.02	1,013.20	-2,891.66	1,068.37	1,001.07	67.30	15.874 SF		
8,227.35	6,840.00	6,753.02	6,750.94	74.58	2.12	-88.98	1,013.22	-2,891.68	1,068.02	1,000.89	67.13	15.910 CC, ES		
8,300.00	6,840.00	6,750.99	6,748.91	75.98	2.12	-88.87	1,013.25	-2,891.74	1,070.49	1,003.99	66.50	16.098		
8,400.00	6,840.00	6,748.18	6,746.10	77.96	2.12	-88.72	1,013.31	-2,891.82	1,081.87	1,016.56	65.32	16.564		
8,500.00	6,840.00	6,745.36	6,743.28	79.97	2.12	-88.57	1,013.36	-2,891.90	1,102.25	1,038.43	63.82	17.272		
8,600.00	6,840.00	6,742.51	6,740.43	82.03	2.12	-88.41	1,013.41	-2,891.98	1,131.12	1,069.04	62.08	18.221		
8,700.00	6,840.00	6,739.64	6,737.57	84.12	2.12	-88.26	1,013.46	-2,892.06	1,167.86	1,107.66	60.19	19.401		
8,800.00	6,840.00	6,736.76	6,734.68	86.25	2.12	-88.11	1,013.51	-2,892.14	1,211.75	1,153.50	58.25	20.804		
8,900.00	6,840.00	6,733.86	6,731.78	88.41	2.12	-87.95	1,013.56	-2,892.23	1,262.05	1,205.74	56.31	22.414		
9,000.00	6,840.00	6,730.93	6,728.86	90.60	2.12	-87.79	1,013.61	-2,892.31	1,318.02	1,263.59	54.43	24.215		
9,100.00	6,840.00	6,727.99	6,725.92	92.82	2.12	-87.64	1,013.66	-2,892.40	1,378.97	1,326.32	52.65	26.189		
9,200.00	6,840.00	6,725.03	6,722.96	95.07	2.12	-87.48	1,013.72	-2,892.48	1,444.28	1,393.28	51.00	28.318		
9,300.00	6,840.00	6,722.05	6,719.98	97.34	2.12	-87.32	1,013.77	-2,892.57	1,513.38	1,463.89	49.49	30.581		
9,400.00	6,840.00	6,719.05	6,716.99	99.64	2.12	-87.16	1,013.82	-2,892.66	1,585.77	1,537.65	48.11	32.959		
9,500.00	6,840.00	6,716.03	6,713.97	101.95	2.12	-86.99	1,013.87	-2,892.75	1,661.02	1,614.14	46.88	35.435		
9,600.00	6,840.00	6,713.72	6,711.66	104.29	2.13	-86.87	1,013.91	-2,892.82	1,738.76	1,692.98	45.78	37.985		
9,700.00	6,840.00	6,710.57	6,708.51	106.64	2.13	-86.70	1,013.97	-2,892.91	1,818.67	1,773.89	44.79	40.607		
9,800.00	6,840.00	6,707.35	6,705.30	109.02	2.13	-86.53	1,014.02	-2,893.00	1,900.49	1,856.58	43.91	43.281		
9,900.00	6,840.00	6,704.05	6,702.00	111.41	2.13	-86.35	1,014.08	-2,893.10	1,983.96	1,940.83	43.13	45.996		
10,000.00	6,840.00	6,700.67	6,698.62	113.81	2.13	-86.17	1,014.14	-2,893.20	2,068.90	2,026.45	42.45	48.742		
10,100.00	6,840.00	6,697.21	6,695.16	116.23	2.13	-85.99	1,014.20	-2,893.30	2,155.12	2,113.28	41.84	51.510		
10,200.00	6,840.00	6,693.66	6,691.61	118.67	2.13	-85.80	1,014.26	-2,893.41	2,242.49	2,201.18	41.30	54.294		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,690.01	6,687.97	121.11	2.13	-85.60	1,014.32	-2,893.52	2,330.86	2,290.03	40.83	57.087		
10,400.00	6,840.00	6,686.28	6,684.23	123.57	2.13	-85.40	1,014.39	-2,893.64	2,420.14	2,379.72	40.41	59.884		
10,500.00	6,840.00	6,682.44	6,680.40	126.04	2.13	-85.20	1,014.45	-2,893.76	2,510.22	2,470.17	40.05	62.683		
10,600.00	6,840.00	6,678.50	6,676.46	128.52	2.13	-84.99	1,014.51	-2,893.89	2,601.02	2,561.29	39.72	65.479		
10,700.00	6,840.00	6,674.46	6,672.42	131.01	2.13	-84.77	1,014.58	-2,894.02	2,692.47	2,653.03	39.44	68.271		
10,800.00	6,840.00	6,670.31	6,668.27	133.51	2.13	-84.55	1,014.64	-2,894.16	2,784.50	2,745.31	39.19	71.057		
10,900.00	6,840.00	6,666.04	6,664.01	136.02	2.13	-84.32	1,014.71	-2,894.30	2,877.05	2,838.09	38.97	73.835		
11,000.00	6,840.00	6,661.65	6,659.62	138.53	2.13	-84.09	1,014.77	-2,894.45	2,970.09	2,931.32	38.77	76.605		
11,100.00	6,840.00	6,657.13	6,655.11	141.06	2.13	-83.85	1,014.84	-2,894.60	3,063.56	3,024.96	38.60	79.365		
11,200.00	6,840.00	6,652.49	6,650.47	143.59	2.13	-83.60	1,014.91	-2,894.76	3,157.42	3,118.97	38.45	82.115		
11,300.00	6,840.00	6,647.71	6,645.69	146.13	2.13	-83.35	1,014.98	-2,894.93	3,251.65	3,213.33	38.32	84.856		
11,400.00	6,840.00	6,642.79	6,640.77	148.68	2.13	-83.09	1,015.05	-2,895.11	3,346.20	3,308.00	38.20	87.586		
11,500.00	6,840.00	6,637.72	6,635.71	151.23	2.13	-82.82	1,015.11	-2,895.29	3,441.06	3,402.96	38.10	90.307		
11,600.00	6,840.00	6,632.49	6,630.49	153.79	2.13	-82.54	1,015.19	-2,895.48	3,536.20	3,498.18	38.02	93.017		
11,700.00	6,840.00	6,627.10	6,625.10	156.35	2.13	-82.26	1,015.26	-2,895.69	3,631.59	3,593.65	37.94	95.717		
11,800.00	6,840.00	6,621.54	6,619.55	158.92	2.13	-81.96	1,015.33	-2,895.90	3,727.22	3,689.34	37.88	98.407		
11,900.00	6,840.00	6,615.81	6,613.81	161.49	2.13	-81.66	1,015.40	-2,896.12	3,823.06	3,785.24	37.82	101.089		
12,000.00	6,840.00	6,609.88	6,607.89	164.07	2.13	-81.35	1,015.47	-2,896.35	3,919.11	3,881.34	37.77	103.760		
12,100.00	6,840.00	6,603.76	6,601.78	166.66	2.13	-81.03	1,015.54	-2,896.60	4,015.34	3,977.61	37.73	106.424		
12,200.00	6,840.00	6,598.66	6,596.69	169.25	2.13	-80.76	1,015.60	-2,896.80	4,111.75	4,074.05	37.70	109.057		
12,300.00	6,840.00	6,595.35	6,593.38	171.84	2.13	-80.59	1,015.64	-2,896.94	4,208.33	4,170.63	37.69	111.647		
12,400.00	6,840.00	6,592.05	6,590.07	174.44	2.13	-80.41	1,015.67	-2,897.07	4,305.05	4,267.36	37.69	114.225		
12,500.00	6,840.00	6,588.75	6,586.78	177.04	2.13	-80.24	1,015.70	-2,897.21	4,401.92	4,364.23	37.69	116.790		
12,600.00	6,840.00	6,585.47	6,583.50	179.64	2.13	-80.07	1,015.73	-2,897.34	4,498.92	4,461.23	37.70	119.343		
12,700.00	6,840.00	6,582.19	6,580.23	182.25	2.13	-79.90	1,015.76	-2,897.47	4,596.05	4,558.34	37.71	121.883		
12,800.00	6,840.00	6,578.93	6,576.97	184.86	2.13	-79.73	1,015.79	-2,897.60	4,693.30	4,655.57	37.72	124.412		
12,900.00	6,840.00	6,575.68	6,573.72	187.47	2.13	-79.56	1,015.82	-2,897.73	4,790.66	4,752.91	37.74	126.928		
13,000.00	6,840.00	6,572.43	6,570.48	190.09	2.13	-79.39	1,015.84	-2,897.86	4,888.12	4,850.35	37.77	129.433		
13,100.00	6,840.00	6,569.20	6,567.25	192.71	2.14	-79.22	1,015.87	-2,897.99	4,985.68	4,947.88	37.79	131.926		
13,200.00	6,840.00	6,565.98	6,564.03	195.34	2.14	-79.06	1,015.89	-2,898.12	5,083.33	5,045.51	37.82	134.408		
13,300.00	6,840.00	6,562.77	6,560.82	197.96	2.14	-78.89	1,015.91	-2,898.25	5,181.07	5,143.21	37.85	136.878		
13,400.00	6,840.00	6,559.56	6,557.62	200.59	2.14	-78.72	1,015.93	-2,898.38	5,278.89	5,241.00	37.89	139.337		
13,500.00	6,840.00	6,556.37	6,554.43	203.22	2.14	-78.56	1,015.94	-2,898.51	5,376.79	5,338.86	37.92	141.785		
13,600.00	6,840.00	6,553.19	6,551.25	205.85	2.14	-78.39	1,015.96	-2,898.63	5,474.76	5,436.80	37.96	144.222		
13,700.00	6,840.00	6,550.01	6,548.08	208.49	2.14	-78.23	1,015.97	-2,898.76	5,572.80	5,534.80	38.00	146.647		
13,800.00	6,840.00	6,546.85	6,544.91	211.13	2.14	-78.07	1,015.99	-2,898.89	5,670.91	5,632.86	38.04	149.062		
13,900.00	6,840.00	6,543.69	6,541.76	213.77	2.14	-77.91	1,016.00	-2,899.01	5,769.08	5,730.99	38.09	151.466		
14,000.00	6,840.00	6,540.55	6,538.62	216.41	2.14	-77.74	1,016.01	-2,899.14	5,867.31	5,829.18	38.13	153.859		
14,100.00	6,840.00	6,537.42	6,535.49	219.06	2.14	-77.58	1,016.02	-2,899.26	5,965.60	5,927.41	38.18	156.241		
14,200.00	6,840.00	6,534.29	6,532.37	221.70	2.14	-77.42	1,016.02	-2,899.38	6,063.94	6,025.71	38.23	158.613		
14,300.00	6,840.00	6,531.17	6,529.25	224.35	2.14	-77.26	1,016.03	-2,899.51	6,162.33	6,124.05	38.28	160.974		
14,400.00	6,840.00	6,528.07	6,526.15	227.00	2.14	-77.10	1,016.03	-2,899.63	6,260.77	6,222.44	38.33	163.324		
14,500.00	6,840.00	6,524.97	6,523.05	229.65	2.14	-76.95	1,016.04	-2,899.75	6,359.26	6,320.87	38.39	165.664		
14,600.00	6,840.00	6,521.88	6,519.97	232.30	2.14	-76.79	1,016.04	-2,899.87	6,457.79	6,419.35	38.44	167.993		
14,700.00	6,840.00	6,518.81	6,516.89	234.96	2.14	-76.63	1,016.04	-2,899.99	6,556.37	6,517.87	38.50	170.312		
14,800.00	6,840.00	6,515.74	6,513.83	237.61	2.14	-76.48	1,016.04	-2,900.11	6,654.99	6,616.43	38.55	172.620		
14,900.00	6,840.00	6,512.68	6,510.77	240.27	2.14	-76.32	1,016.04	-2,900.23	6,753.64	6,715.03	38.61	174.918		
15,000.00	6,840.00	6,509.63	6,507.72	242.93	2.14	-76.17	1,016.03	-2,900.35	6,852.33	6,813.66	38.67	177.206		
15,100.00	6,840.00	6,506.45	6,504.55	245.59	2.14	-76.11	1,016.03	-2,900.40	6,951.06	6,912.32	38.74	179.447		
15,200.00	6,840.00	6,504.58	6,502.68	248.25	2.14	-75.91	1,016.02	-2,900.55	7,049.82	7,011.03	38.79	181.730		
15,300.00	6,840.00	6,500.69	6,498.79	250.92	2.14	-75.71	1,016.01	-2,900.70	7,148.62	7,109.77	38.85	184.004		
15,400.00	6,840.00	6,496.78	6,494.89	253.58	2.14	-75.52	1,016.00	-2,900.85	7,247.44	7,208.54	38.91	186.267		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,492.86	6,490.97	256.25	2.14	-75.32	1,015.99	-2,901.00	7,346.30	7,307.33	38.97	188.521	
15,600.00	6,840.00	6,488.93	6,487.04	258.91	2.14	-75.12	1,015.98	-2,901.16	7,445.19	7,406.16	39.03	190.764	
15,700.00	6,840.00	6,484.99	6,483.10	261.58	2.14	-74.93	1,015.96	-2,901.31	7,544.10	7,505.01	39.09	192.998	
15,800.00	6,840.00	6,481.03	6,479.15	264.25	2.14	-74.73	1,015.94	-2,901.46	7,643.04	7,603.88	39.15	195.223	
15,900.00	6,840.00	6,477.06	6,475.18	266.92	2.14	-74.53	1,015.92	-2,901.62	7,742.00	7,702.79	39.21	197.437	
16,000.00	6,840.00	6,473.08	6,471.20	269.59	2.14	-74.33	1,015.90	-2,901.78	7,840.99	7,801.71	39.28	199.642	
16,100.00	6,840.00	6,469.08	6,467.21	272.26	2.14	-74.13	1,015.88	-2,901.93	7,940.00	7,900.66	39.34	201.836	
16,200.00	6,840.00	6,465.07	6,463.20	274.94	2.14	-73.93	1,015.85	-2,902.09	8,039.03	7,999.63	39.40	204.021	
16,300.00	6,840.00	6,461.04	6,459.17	277.61	2.14	-73.73	1,015.82	-2,902.25	8,138.09	8,098.62	39.47	206.197	
16,400.00	6,840.00	6,457.00	6,455.14	280.28	2.14	-73.53	1,015.80	-2,902.41	8,237.16	8,197.63	39.53	208.362	
16,500.00	6,840.00	6,452.95	6,451.09	282.96	2.14	-73.33	1,015.77	-2,902.57	8,336.26	8,296.66	39.60	210.518	
16,600.00	6,840.00	6,448.88	6,447.02	285.64	2.14	-73.13	1,015.73	-2,902.73	8,435.37	8,395.71	39.67	212.664	
16,700.00	6,840.00	6,444.80	6,442.94	288.31	2.14	-72.93	1,015.70	-2,902.89	8,534.51	8,494.78	39.73	214.800	
16,800.00	6,840.00	6,440.70	6,438.85	290.99	2.14	-72.73	1,015.66	-2,903.06	8,633.66	8,593.86	39.80	216.927	
16,900.00	6,840.00	6,436.59	6,434.74	293.67	2.14	-72.53	1,015.62	-2,903.22	8,732.83	8,692.96	39.87	219.043	
17,000.00	6,840.00	6,432.46	6,430.62	296.35	2.14	-72.33	1,015.58	-2,903.39	8,832.02	8,792.08	39.94	221.150	
17,100.00	6,840.00	6,428.33	6,426.48	299.03	2.14	-72.13	1,015.54	-2,903.55	8,931.22	8,891.22	40.01	223.248	
17,200.00	6,840.00	6,424.17	6,422.33	301.71	2.14	-71.93	1,015.50	-2,903.72	9,030.44	8,990.37	40.08	225.335	
17,300.00	6,840.00	6,420.00	6,418.17	304.39	2.14	-71.73	1,015.45	-2,903.89	9,129.68	9,089.53	40.15	227.413	
17,400.00	6,840.00	6,415.82	6,413.99	307.08	2.14	-71.53	1,015.40	-2,904.05	9,228.92	9,188.71	40.22	229.481	
17,500.00	6,840.00	6,411.62	6,409.80	309.76	2.14	-71.33	1,015.35	-2,904.22	9,328.19	9,287.90	40.29	231.540	
17,600.00	6,840.00	6,407.41	6,405.59	312.44	2.14	-71.12	1,015.30	-2,904.39	9,427.46	9,387.11	40.36	233.589	
17,700.00	6,840.00	6,403.18	6,401.36	315.13	2.14	-70.92	1,015.24	-2,904.56	9,526.75	9,486.32	40.43	235.628	
17,800.00	6,840.00	6,400.00	6,398.18	317.81	2.14	-70.77	1,015.20	-2,904.69	9,626.06	9,585.55	40.51	237.637	
17,900.00	6,840.00	6,400.00	6,398.18	320.50	2.14	-70.77	1,015.20	-2,904.69	9,725.37	9,684.78	40.59	239.577	
18,000.00	6,840.00	6,400.00	6,398.18	323.19	2.14	-70.77	1,015.20	-2,904.69	9,824.71	9,784.02	40.68	241.506	
18,100.00	6,840.00	6,400.00	6,398.18	325.87	2.14	-70.77	1,015.20	-2,904.69	9,924.05	9,883.28	40.77	243.426	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-76.66	1,001.10	-4,221.73	4,339.70					
100.00	100.00	12.00	12.00	0.13	0.09	-76.66	1,001.10	-4,221.73	4,338.81	4,338.58	0.23	N/A		
200.00	200.00	112.00	112.00	0.49	0.99	-76.66	1,001.10	-4,221.73	4,338.81	4,337.32	1.49	2,916.380		
300.00	300.00	212.00	212.00	0.85	2.74	-76.66	1,001.10	-4,221.73	4,338.81	4,335.21	3.59	1,208.064		
400.00	399.98	311.98	311.98	1.21	4.49	-32.05	1,001.10	-4,221.73	4,337.33	4,331.63	5.69	761.826		
500.00	499.84	411.84	411.84	1.57	6.23	-32.14	1,001.10	-4,221.73	4,332.89	4,325.10	7.80	555.796		
600.00	599.45	511.45	511.45	1.94	7.97	-32.28	1,001.10	-4,221.73	4,325.51	4,315.61	9.90	436.996		
700.00	698.70	610.70	610.70	2.32	9.70	-32.48	1,001.10	-4,221.73	4,315.19	4,303.19	12.00	359.600		
800.00	797.47	709.47	709.47	2.73	11.42	-32.73	1,001.10	-4,221.73	4,301.97	4,287.87	14.10	305.085		
900.00	895.62	807.62	807.62	3.16	13.14	-33.05	1,001.10	-4,221.73	4,285.86	4,269.66	16.20	264.540		
1,000.00	993.06	905.06	905.06	3.63	14.84	-33.42	1,001.10	-4,221.73	4,266.90	4,248.60	18.30	233.148		
1,100.00	1,089.64	1,001.64	1,001.64	4.14	16.52	-33.86	1,001.10	-4,221.73	4,245.13	4,224.73	20.40	208.077		
1,200.00	1,185.27	1,102.73	1,097.27	4.70	18.29	-34.36	1,001.10	-4,221.73	4,220.59	4,197.99	22.60	186.764		
1,300.00	1,279.82	1,208.18	1,191.82	5.30	20.13	-34.93	1,001.10	-4,221.73	4,193.33	4,168.44	24.89	168.461		
1,400.00	1,373.17	1,285.17	1,285.17	5.96	21.47	-35.57	1,001.10	-4,221.73	4,163.42	4,136.71	26.71	155.863		
1,500.00	1,465.21	1,377.21	1,377.21	6.67	23.08	-36.28	1,001.10	-4,221.73	4,130.92	4,102.09	28.82	143.328		
1,600.00	1,555.84	1,467.84	1,467.84	7.44	24.66	-37.07	1,001.10	-4,221.73	4,095.89	4,064.95	30.94	132.401		
1,700.00	1,645.41	1,557.41	1,557.41	8.26	26.22	-37.54	1,001.10	-4,221.73	4,059.17	4,026.12	33.06	122.797		
1,800.00	1,734.94	1,646.94	1,646.94	9.09	27.78	-37.92	1,001.10	-4,221.73	4,022.55	3,987.36	35.19	114.314		
1,900.00	1,824.47	1,736.47	1,736.47	9.94	29.35	-38.29	1,001.10	-4,221.73	3,986.09	3,948.75	37.34	106.762		
2,000.00	1,913.99	1,825.99	1,825.99	10.80	30.91	-38.68	1,001.10	-4,221.73	3,949.80	3,910.30	39.50	100.000		
2,100.00	2,003.52	1,915.52	1,915.52	11.66	32.47	-39.07	1,001.10	-4,221.73	3,913.67	3,872.00	41.67	93.916		
2,200.00	2,093.05	2,005.05	2,005.05	12.53	34.03	-39.47	1,001.10	-4,221.73	3,877.72	3,833.86	43.86	88.415		
2,300.00	2,182.58	2,105.42	2,094.58	13.40	35.79	-39.87	1,001.10	-4,221.73	3,841.95	3,795.71	46.24	83.079		
2,400.00	2,272.11	2,184.11	2,184.11	14.28	37.16	-40.28	1,001.10	-4,221.73	3,806.37	3,758.11	48.26	78.867		
2,500.00	2,361.63	2,273.63	2,273.63	15.16	38.72	-40.70	1,001.10	-4,221.73	3,770.98	3,720.50	50.48	74.701		
2,600.00	2,451.16	2,363.16	2,363.16	16.04	40.29	-41.13	1,001.10	-4,221.73	3,735.78	3,683.07	52.71	70.875		
2,700.00	2,540.69	2,452.69	2,452.69	16.92	41.85	-41.56	1,001.10	-4,221.73	3,700.78	3,645.84	54.95	67.351		
2,800.00	2,630.22	2,542.22	2,542.22	17.81	43.41	-42.00	1,001.10	-4,221.73	3,666.00	3,608.80	57.20	64.096		
2,900.00	2,719.75	2,631.75	2,631.75	18.70	44.97	-42.45	1,001.10	-4,221.73	3,631.42	3,571.97	59.45	61.080		
3,000.00	2,809.28	2,721.28	2,721.28	19.58	46.54	-42.91	1,001.10	-4,221.73	3,597.07	3,535.35	61.72	58.280		
3,100.00	2,898.80	2,810.80	2,810.80	20.47	48.10	-43.37	1,001.10	-4,221.73	3,562.94	3,498.94	64.00	55.672		
3,200.00	2,988.33	2,900.33	2,900.33	21.36	49.66	-43.84	1,001.10	-4,221.73	3,529.04	3,462.75	66.29	53.240		
3,300.00	3,077.86	2,989.86	2,989.86	22.26	51.22	-44.33	1,001.10	-4,221.73	3,495.38	3,426.80	68.58	50.966		
3,400.00	3,167.39	3,079.39	3,079.39	23.15	52.79	-44.81	1,001.10	-4,221.73	3,461.97	3,391.08	70.89	48.835		
3,500.00	3,256.92	3,168.92	3,168.92	24.04	54.35	-45.31	1,001.10	-4,221.73	3,428.81	3,355.60	73.21	46.836		
3,600.00	3,346.44	3,258.44	3,258.44	24.93	55.91	-45.82	1,001.10	-4,221.73	3,395.91	3,320.38	75.54	44.958		
3,700.00	3,435.97	3,347.97	3,347.97	25.83	57.47	-46.33	1,001.10	-4,221.73	3,363.28	3,285.41	77.87	43.189		
3,800.00	3,525.50	3,437.50	3,437.50	26.72	59.04	-46.86	1,001.10	-4,221.73	3,330.93	3,250.71	80.22	41.521		
3,900.00	3,615.03	3,527.03	3,527.03	27.62	60.60	-47.39	1,001.10	-4,221.73	3,298.86	3,216.28	82.58	39.947		
4,000.00	3,704.56	3,616.56	3,616.56	28.51	62.16	-47.93	1,001.10	-4,221.73	3,267.08	3,182.13	84.95	38.458		
4,100.00	3,794.09	3,706.09	3,706.09	29.41	63.72	-48.49	1,001.10	-4,221.73	3,235.61	3,148.27	87.33	37.049		
4,200.00	3,883.61	3,804.39	3,795.61	30.30	65.44	-49.05	1,001.10	-4,221.73	3,204.44	3,114.56	89.88	35.653		
4,300.00	3,973.14	3,885.14	3,885.14	31.20	66.85	-49.62	1,001.10	-4,221.73	3,173.60	3,081.47	92.13	34.448		
4,400.00	4,062.67	3,974.67	3,974.67	32.10	68.41	-50.20	1,001.10	-4,221.73	3,143.08	3,048.54	94.54	33.246		
4,500.00	4,152.20	4,064.20	4,064.20	32.99	69.97	-50.79	1,001.10	-4,221.73	3,112.90	3,015.93	96.97	32.103		
4,600.00	4,241.73	4,153.73	4,153.73	33.89	71.54	-51.39	1,001.10	-4,221.73	3,083.07	2,983.67	99.40	31.016		
4,700.00	4,331.26	4,243.26	4,243.26	34.79	73.10	-52.01	1,001.10	-4,221.73	3,053.60	2,951.75	101.85	29.981		
4,800.00	4,420.78	4,332.78	4,332.78	35.69	74.66	-52.63	1,001.10	-4,221.73	3,024.50	2,920.19	104.31	28.995		
4,900.00	4,510.31	4,422.31	4,422.31	36.58	76.22	-53.26	1,001.10	-4,221.73	2,995.77	2,888.99	106.78	28.055		
5,000.00	4,599.84	4,511.84	4,511.84	37.48	77.79	-53.90	1,001.10	-4,221.73	2,967.44	2,858.18	109.26	27.159		
5,100.00	4,689.37	4,601.37	4,601.37	38.38	79.35	-54.56	1,001.10	-4,221.73	2,939.51	2,827.75	111.76	26.303		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,709.10	4,690.90	39.28	81.23	-55.22	1,001.10	-4,221.73	2,911.99	2,797.42	114.58	25.415		
5,300.00	4,868.42	4,780.42	4,780.42	40.18	82.47	-55.90	1,001.10	-4,221.73	2,884.90	2,768.13	116.78	24.704		
5,400.00	4,957.95	4,869.95	4,869.95	41.07	84.04	-56.58	1,001.10	-4,221.73	2,858.25	2,738.95	119.31	23.957		
5,500.00	5,047.48	4,959.48	4,959.48	41.97	85.60	-57.28	1,001.10	-4,221.73	2,832.05	2,710.20	121.84	23.243		
5,600.00	5,137.01	5,049.01	5,049.01	42.87	87.16	-57.99	1,001.10	-4,221.73	2,806.31	2,681.91	124.39	22.560		
5,700.00	5,226.54	5,138.54	5,138.54	43.77	88.72	-58.71	1,001.10	-4,221.73	2,781.04	2,654.09	126.95	21.906		
5,800.00	5,316.07	5,228.07	5,228.07	44.67	90.29	-59.44	1,001.10	-4,221.73	2,756.27	2,626.74	129.53	21.280		
5,900.00	5,405.59	5,317.59	5,317.59	45.57	91.85	-60.18	1,001.10	-4,221.73	2,731.99	2,599.88	132.11	20.680		
6,000.00	5,495.12	5,407.12	5,407.12	46.47	93.41	-60.94	1,001.10	-4,221.73	2,708.23	2,573.53	134.70	20.106		
6,100.00	5,584.65	5,503.35	5,496.65	47.37	95.09	-61.70	1,001.10	-4,221.73	2,685.00	2,547.58	137.42	19.539		
6,200.00	5,674.18	5,586.18	5,586.18	48.27	96.54	-62.47	1,001.10	-4,221.73	2,662.31	2,522.40	139.91	19.029		
6,300.00	5,763.71	5,675.71	5,675.71	49.16	98.10	-63.26	1,001.10	-4,221.73	2,640.18	2,497.65	142.53	18.524		
6,400.00	5,853.23	5,765.23	5,765.23	50.06	99.66	-64.06	1,001.10	-4,221.73	2,618.62	2,473.46	145.16	18.040		
6,500.00	5,942.76	5,854.76	5,854.76	50.96	101.22	-64.87	1,001.10	-4,221.73	2,597.65	2,449.85	147.80	17.576		
6,600.00	6,032.29	5,944.29	5,944.29	51.86	102.79	-65.69	1,001.10	-4,221.73	2,577.27	2,426.84	150.44	17.132		
6,700.00	6,121.82	6,033.82	6,033.82	52.76	104.35	-66.52	1,001.10	-4,221.73	2,557.51	2,404.43	153.09	16.706		
6,800.00	6,211.35	6,123.35	6,123.35	53.66	105.91	-67.36	1,001.10	-4,221.73	2,538.38	2,382.64	155.74	16.298		
6,900.00	6,300.88	6,212.88	6,212.88	54.56	107.48	-68.21	1,001.10	-4,221.73	2,519.89	2,361.49	158.40	15.908		
7,000.00	6,390.40	6,302.40	6,302.40	55.46	109.04	-69.07	1,001.10	-4,221.73	2,502.06	2,340.99	161.07	15.534		
7,100.00	6,479.90	6,408.10	6,391.90	56.36	110.88	-68.33	1,001.10	-4,221.73	2,484.78	2,320.76	164.02	15.149		
7,200.00	6,569.42	6,477.62	6,477.62	57.41	112.10	-69.35	1,001.10	-4,221.73	2,468.65	2,292.20	166.45	14.771		
7,300.00	6,643.25	6,555.25	6,555.25	58.67	113.45	-55.68	1,001.10	-4,221.73	2,448.36	2,249.20	169.16	14.296		
7,400.00	6,710.45	6,622.45	6,622.45	60.11	114.62	-55.72	1,001.10	-4,221.73	2,365.36	2,193.55	171.81	13.767		
7,500.00	6,765.16	6,677.16	6,677.16	61.71	115.58	-58.95	1,001.10	-4,221.73	2,301.45	2,127.10	174.34	13.201		
7,600.00	6,805.74	6,717.74	6,717.74	63.40	116.29	-65.45	1,001.10	-4,221.73	2,228.67	2,052.00	176.67	12.615		
7,700.00	6,830.93	6,742.93	6,742.93	65.14	116.73	-75.57	1,001.10	-4,221.73	2,149.30	1,970.56	178.75	12.024		
7,800.00	6,839.98	6,751.98	6,751.98	66.86	116.88	-89.22	1,001.10	-4,221.73	2,065.71	1,885.20	180.51	11.444		
7,900.00	6,840.00	6,752.00	6,752.00	68.58	116.88	-90.00	1,001.10	-4,221.73	1,981.34	1,799.21	182.13	10.879		
8,000.00	6,840.00	6,752.00	6,752.00	70.35	116.88	-90.00	1,001.10	-4,221.73	1,898.48	1,714.61	183.87	10.325		
8,100.00	6,840.00	6,752.00	6,752.00	72.18	116.88	-90.00	1,001.10	-4,221.73	1,817.35	1,631.61	185.74	9.784		
8,200.00	6,840.00	6,752.00	6,752.00	74.06	116.88	-90.00	1,001.10	-4,221.73	1,738.19	1,550.43	187.75	9.258		
8,300.00	6,840.00	6,752.00	6,752.00	75.98	116.88	-90.00	1,001.10	-4,221.73	1,661.27	1,471.37	189.90	8.748		
8,400.00	6,840.00	6,752.00	6,752.00	77.96	116.88	-90.00	1,001.10	-4,221.73	1,586.93	1,394.75	192.18	8.258		
8,500.00	6,840.00	6,752.00	6,752.00	79.97	116.88	-90.00	1,001.10	-4,221.73	1,515.55	1,320.96	194.59	7.789		
8,600.00	6,840.00	6,752.00	6,752.00	82.03	116.88	-90.00	1,001.10	-4,221.73	1,447.56	1,250.46	197.10	7.344		
8,700.00	6,840.00	6,752.00	6,752.00	84.12	116.88	-90.00	1,001.10	-4,221.73	1,383.46	1,183.76	199.70	6.928		
8,800.00	6,840.00	6,752.00	6,752.00	86.25	116.88	-90.00	1,001.10	-4,221.73	1,323.82	1,121.49	202.33	6.543		
8,900.00	6,840.00	6,752.00	6,752.00	88.41	116.88	-90.00	1,001.10	-4,221.73	1,269.26	1,064.33	204.93	6.194		
9,000.00	6,840.00	6,752.00	6,752.00	90.60	116.88	-90.00	1,001.10	-4,221.73	1,220.47	1,013.06	207.42	5.884		
9,100.00	6,840.00	6,752.00	6,752.00	92.82	116.88	-90.00	1,001.10	-4,221.73	1,178.17	968.48	209.69	5.619		
9,200.00	6,840.00	6,752.00	6,752.00	95.07	116.88	-90.00	1,001.10	-4,221.73	1,143.08	931.45	211.63	5.401		
9,300.00	6,840.00	6,752.00	6,752.00	97.34	116.88	-90.00	1,001.10	-4,221.73	1,115.86	902.76	213.10	5.236		
9,400.00	6,840.00	6,752.00	6,752.00	99.64	116.88	-90.00	1,001.10	-4,221.73	1,097.13	883.12	214.00	5.127		
9,500.00	6,840.00	6,752.00	6,752.00	101.95	116.88	-90.00	1,001.10	-4,221.73	1,087.30	873.06	214.24	5.075		
9,557.34	6,840.00	6,752.00	6,752.00	103.29	116.88	-90.00	1,001.10	-4,221.73	1,085.79	871.72	214.06	5.072 CC, ES, SF		
9,600.00	6,840.00	6,752.00	6,752.00	104.29	116.88	-90.00	1,001.10	-4,221.73	1,086.62	872.85	213.78	5.083		
9,700.00	6,840.00	6,752.00	6,752.00	106.64	116.88	-90.00	1,001.10	-4,221.73	1,095.12	882.50	212.62	5.151		
9,800.00	6,840.00	6,752.00	6,752.00	109.02	116.88	-90.00	1,001.10	-4,221.73	1,112.57	901.74	210.83	5.277		
9,900.00	6,840.00	6,752.00	6,752.00	111.41	116.88	-90.00	1,001.10	-4,221.73	1,138.57	930.06	208.52	5.460		
10,000.00	6,840.00	6,752.00	6,752.00	113.81	116.88	-90.00	1,001.10	-4,221.73	1,172.55	966.75	205.81	5.697		
10,100.00	6,840.00	6,752.00	6,752.00	116.23	116.88	-90.00	1,001.10	-4,221.73	1,213.84	1,011.00	202.84	5.984		
10,200.00	6,840.00	6,752.00	6,752.00	118.67	116.88	-90.00	1,001.10	-4,221.73	1,261.73	1,061.98	199.74	6.317		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,300.00	6,840.00	6,752.00	6,752.00	121.11	116.88	-90.00	1,001.10	-4,221.73	1,315.48	1,118.87	196.61	6.691		
10,400.00	6,840.00	6,752.00	6,752.00	123.57	116.88	-90.00	1,001.10	-4,221.73	1,374.41	1,180.88	193.53	7.102		
10,500.00	6,840.00	6,752.00	6,752.00	126.04	116.88	-90.00	1,001.10	-4,221.73	1,437.90	1,247.33	190.57	7.545		
10,600.00	6,840.00	6,752.00	6,752.00	128.52	116.88	-90.00	1,001.10	-4,221.73	1,505.35	1,317.60	187.75	8.018		
10,700.00	6,840.00	6,752.00	6,752.00	131.01	116.88	-90.00	1,001.10	-4,221.73	1,576.27	1,391.17	185.10	8.516		
10,800.00	6,840.00	6,752.00	6,752.00	133.51	116.88	-90.00	1,001.10	-4,221.73	1,650.20	1,467.56	182.64	9.035		
10,900.00	6,840.00	6,752.00	6,752.00	136.02	116.88	-90.00	1,001.10	-4,221.73	1,726.75	1,546.39	180.36	9.574		
11,000.00	6,840.00	6,752.00	6,752.00	138.53	116.88	-90.00	1,001.10	-4,221.73	1,805.61	1,627.34	178.27	10.129		
11,100.00	6,840.00	6,752.00	6,752.00	141.06	116.88	-90.00	1,001.10	-4,221.73	1,886.46	1,710.12	176.34	10.698		
11,200.00	6,840.00	6,752.00	6,752.00	143.59	116.88	-90.00	1,001.10	-4,221.73	1,969.08	1,794.49	174.59	11.278		
11,300.00	6,840.00	6,752.00	6,752.00	146.13	116.88	-90.00	1,001.10	-4,221.73	2,053.24	1,880.26	172.98	11.870		
11,400.00	6,840.00	6,752.00	6,752.00	148.68	116.88	-90.00	1,001.10	-4,221.73	2,138.77	1,967.25	171.52	12.469		
11,500.00	6,840.00	6,752.00	6,752.00	151.23	116.88	-90.00	1,001.10	-4,221.73	2,225.51	2,055.32	170.19	13.077		
11,600.00	6,840.00	6,752.00	6,752.00	153.79	116.88	-90.00	1,001.10	-4,221.73	2,313.31	2,144.34	168.97	13.690		
11,700.00	6,840.00	6,752.00	6,752.00	156.35	116.88	-90.00	1,001.10	-4,221.73	2,402.07	2,234.20	167.87	14.309		
11,800.00	6,840.00	6,752.00	6,752.00	158.92	116.88	-90.00	1,001.10	-4,221.73	2,491.68	2,324.82	166.86	14.933		
11,900.00	6,840.00	6,752.00	6,752.00	161.49	116.88	-90.00	1,001.10	-4,221.73	2,582.06	2,416.11	165.95	15.560		
12,000.00	6,840.00	6,752.00	6,752.00	164.07	116.88	-90.00	1,001.10	-4,221.73	2,673.11	2,508.00	165.11	16.190		
12,100.00	6,840.00	6,752.00	6,752.00	166.66	116.88	-90.00	1,001.10	-4,221.73	2,764.79	2,600.44	164.35	16.823		
12,200.00	6,840.00	6,752.00	6,752.00	169.25	116.88	-90.00	1,001.10	-4,221.73	2,857.03	2,693.37	163.66	17.457		
12,300.00	6,840.00	6,752.00	6,752.00	171.84	116.88	-90.00	1,001.10	-4,221.73	2,949.77	2,786.75	163.02	18.094		
12,400.00	6,840.00	6,752.00	6,752.00	174.44	116.88	-90.00	1,001.10	-4,221.73	3,042.97	2,880.52	162.45	18.732		
12,500.00	6,840.00	6,752.00	6,752.00	177.04	116.88	-90.00	1,001.10	-4,221.73	3,136.59	2,974.67	161.92	19.371		
12,600.00	6,840.00	6,752.00	6,752.00	179.64	116.88	-90.00	1,001.10	-4,221.73	3,230.59	3,069.15	161.44	20.011		
12,700.00	6,840.00	6,752.00	6,752.00	182.25	116.88	-90.00	1,001.10	-4,221.73	3,324.95	3,163.95	161.00	20.652		
12,800.00	6,840.00	6,752.00	6,752.00	184.86	116.88	-90.00	1,001.10	-4,221.73	3,419.62	3,259.02	160.60	21.293		
12,900.00	6,840.00	6,752.00	6,752.00	187.47	116.88	-90.00	1,001.10	-4,221.73	3,514.59	3,354.35	160.24	21.934		
13,000.00	6,840.00	6,752.00	6,752.00	190.09	116.88	-90.00	1,001.10	-4,221.73	3,609.83	3,449.93	159.90	22.575		
13,100.00	6,840.00	6,752.00	6,752.00	192.71	116.88	-90.00	1,001.10	-4,221.73	3,705.32	3,545.73	159.60	23.217		
13,200.00	6,840.00	6,752.00	6,752.00	195.34	116.88	-90.00	1,001.10	-4,221.73	3,801.04	3,641.73	159.32	23.858		
13,300.00	6,840.00	6,752.00	6,752.00	197.96	116.88	-90.00	1,001.10	-4,221.73	3,896.98	3,737.92	159.06	24.499		
13,400.00	6,840.00	6,752.00	6,752.00	200.59	116.88	-90.00	1,001.10	-4,221.73	3,993.12	3,834.29	158.83	25.140		
13,500.00	6,840.00	6,752.00	6,752.00	203.22	116.88	-90.00	1,001.10	-4,221.73	4,089.44	3,930.82	158.62	25.781		
13,600.00	6,840.00	6,752.00	6,752.00	205.85	116.88	-90.00	1,001.10	-4,221.73	4,185.94	4,027.51	158.43	26.422		
13,700.00	6,840.00	6,752.00	6,752.00	208.49	116.88	-90.00	1,001.10	-4,221.73	4,282.59	4,124.34	158.25	27.061		
13,800.00	6,840.00	6,752.00	6,752.00	211.13	116.88	-90.00	1,001.10	-4,221.73	4,379.40	4,221.30	158.10	27.701		
13,900.00	6,840.00	6,752.00	6,752.00	213.77	116.88	-90.00	1,001.10	-4,221.73	4,476.35	4,318.39	157.95	28.340		
14,000.00	6,840.00	6,752.00	6,752.00	216.41	116.88	-90.00	1,001.10	-4,221.73	4,573.42	4,415.60	157.82	28.978		
14,100.00	6,840.00	6,752.00	6,752.00	219.06	116.88	-90.00	1,001.10	-4,221.73	4,670.62	4,512.92	157.70	29.616		
14,200.00	6,840.00	6,752.00	6,752.00	221.70	116.88	-90.00	1,001.10	-4,221.73	4,767.94	4,610.34	157.60	30.254		
14,300.00	6,840.00	6,752.00	6,752.00	224.35	116.88	-90.00	1,001.10	-4,221.73	4,865.37	4,707.86	157.50	30.890		
14,400.00	6,840.00	6,752.00	6,752.00	227.00	116.88	-90.00	1,001.10	-4,221.73	4,962.90	4,805.48	157.42	31.527		
14,500.00	6,840.00	6,752.00	6,752.00	229.65	116.88	-90.00	1,001.10	-4,221.73	5,060.52	4,903.18	157.34	32.162		
14,600.00	6,840.00	6,752.00	6,752.00	232.30	116.88	-90.00	1,001.10	-4,221.73	5,158.24	5,000.96	157.28	32.797		
14,700.00	6,840.00	6,752.00	6,752.00	234.96	116.88	-90.00	1,001.10	-4,221.73	5,256.04	5,098.82	157.22	33.431		
14,800.00	6,840.00	6,752.00	6,752.00	237.61	116.88	-90.00	1,001.10	-4,221.73	5,353.92	5,196.75	157.17	34.065		
14,900.00	6,840.00	6,752.00	6,752.00	240.27	116.88	-90.00	1,001.10	-4,221.73	5,451.88	5,294.76	157.12	34.698		
15,000.00	6,840.00	6,752.00	6,752.00	242.93	116.88	-90.00	1,001.10	-4,221.73	5,549.91	5,392.83	157.09	35.330		
15,100.00	6,840.00	6,752.00	6,752.00	245.59	116.88	-90.00	1,001.10	-4,221.73	5,648.01	5,490.96	157.06	35.962		
15,200.00	6,840.00	6,752.00	6,752.00	248.25	116.88	-90.00	1,001.10	-4,221.73	5,746.18	5,589.15	157.03	36.592		
15,300.00	6,840.00	6,752.00	6,752.00	250.92	116.88	-90.00	1,001.10	-4,221.73	5,844.41	5,687.40	157.01	37.223		
15,400.00	6,840.00	6,752.00	6,752.00	253.58	116.88	-90.00	1,001.10	-4,221.73	5,942.70	5,785.70	157.00	37.852		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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)						
15,500.00	6,840.00	6,752.00	6,752.00	256.25	116.88	-90.00	1,001.10	-4,221.73	6,041.04	5,884.05	156.99	38.481		
15,600.00	6,840.00	6,752.00	6,752.00	258.91	116.88	-90.00	1,001.10	-4,221.73	6,139.44	5,982.46	156.98	39.109		
15,700.00	6,840.00	6,752.00	6,752.00	261.58	116.88	-90.00	1,001.10	-4,221.73	6,237.89	6,080.91	156.98	39.736		
15,800.00	6,840.00	6,752.00	6,752.00	264.25	116.88	-90.00	1,001.10	-4,221.73	6,336.39	6,179.40	156.99	40.363		
15,900.00	6,840.00	6,752.00	6,752.00	266.92	116.88	-90.00	1,001.10	-4,221.73	6,434.93	6,277.94	156.99	40.988		
16,000.00	6,840.00	6,752.00	6,752.00	269.59	116.88	-90.00	1,001.10	-4,221.73	6,533.52	6,376.51	157.00	41.614		
16,100.00	6,840.00	6,752.00	6,752.00	272.26	116.88	-90.00	1,001.10	-4,221.73	6,632.15	6,475.13	157.02	42.238		
16,200.00	6,840.00	6,752.00	6,752.00	274.94	116.88	-90.00	1,001.10	-4,221.73	6,730.82	6,573.78	157.04	42.862		
16,300.00	6,840.00	6,752.00	6,752.00	277.61	116.88	-90.00	1,001.10	-4,221.73	6,829.53	6,672.47	157.06	43.484		
16,400.00	6,840.00	6,752.00	6,752.00	280.28	116.88	-90.00	1,001.10	-4,221.73	6,928.27	6,771.19	157.08	44.107		
16,500.00	6,840.00	6,752.00	6,752.00	282.96	116.88	-90.00	1,001.10	-4,221.73	7,027.06	6,869.95	157.11	44.728		
16,600.00	6,840.00	6,752.00	6,752.00	285.64	116.88	-90.00	1,001.10	-4,221.73	7,125.87	6,968.74	157.13	45.349		
16,700.00	6,840.00	6,752.00	6,752.00	288.31	116.88	-90.00	1,001.10	-4,221.73	7,224.72	7,067.55	157.17	45.969		
16,800.00	6,840.00	6,752.00	6,752.00	290.99	116.88	-90.00	1,001.10	-4,221.73	7,323.60	7,166.40	157.20	46.588		
16,900.00	6,840.00	6,752.00	6,752.00	293.67	116.88	-90.00	1,001.10	-4,221.73	7,422.51	7,265.27	157.24	47.206		
17,000.00	6,840.00	6,752.00	6,752.00	296.35	116.88	-90.00	1,001.10	-4,221.73	7,521.45	7,364.18	157.27	47.824		
17,100.00	6,840.00	6,752.00	6,752.00	299.03	116.88	-90.00	1,001.10	-4,221.73	7,620.41	7,463.10	157.31	48.441		
17,200.00	6,840.00	6,752.00	6,752.00	301.71	116.88	-90.00	1,001.10	-4,221.73	7,719.41	7,562.05	157.36	49.057		
17,300.00	6,840.00	6,752.00	6,752.00	304.39	116.88	-90.00	1,001.10	-4,221.73	7,818.43	7,661.03	157.40	49.672		
17,400.00	6,840.00	6,752.00	6,752.00	307.08	116.88	-90.00	1,001.10	-4,221.73	7,917.47	7,760.02	157.45	50.287		
17,500.00	6,840.00	6,752.00	6,752.00	309.76	116.88	-90.00	1,001.10	-4,221.73	8,016.54	7,859.04	157.49	50.901		
17,600.00	6,840.00	6,752.00	6,752.00	312.44	116.88	-90.00	1,001.10	-4,221.73	8,115.63	7,958.08	157.54	51.514		
17,700.00	6,840.00	6,752.00	6,752.00	315.13	116.88	-90.00	1,001.10	-4,221.73	8,214.74	8,057.15	157.59	52.126		
17,800.00	6,840.00	6,752.00	6,752.00	317.81	116.88	-90.00	1,001.10	-4,221.73	8,313.87	8,156.23	157.65	52.738		
17,900.00	6,840.00	6,752.00	6,752.00	320.50	116.88	-90.00	1,001.10	-4,221.73	8,413.02	8,255.33	157.70	53.349		
18,000.00	6,840.00	6,752.00	6,752.00	323.19	116.88	-90.00	1,001.10	-4,221.73	8,512.20	8,354.44	157.75	53.959		
18,100.00	6,840.00	6,752.00	6,752.00	325.87	116.88	-90.00	1,001.10	-4,221.73	8,611.39	8,453.58	157.81	54.568		
18,200.00	6,840.00	6,752.00	6,752.00	328.56	116.88	-90.00	1,001.10	-4,221.73	8,710.60	8,552.73	157.87	55.176		
18,300.00	6,840.00	6,752.00	6,752.00	331.25	116.88	-90.00	1,001.10	-4,221.73	8,809.83	8,651.90	157.93	55.784		
18,400.00	6,840.00	6,752.00	6,752.00	333.94	116.88	-90.00	1,001.10	-4,221.73	8,909.08	8,751.09	157.99	56.391		
18,500.00	6,840.00	6,752.00	6,752.00	336.63	116.88	-90.00	1,001.10	-4,221.73	9,008.34	8,850.29	158.05	56.997		
18,600.00	6,840.00	6,752.00	6,752.00	339.32	116.88	-90.00	1,001.10	-4,221.73	9,107.62	8,949.51	158.11	57.603		
18,700.00	6,840.00	6,752.00	6,752.00	342.01	116.88	-90.00	1,001.10	-4,221.73	9,206.91	9,048.74	158.18	58.207		
18,800.00	6,840.00	6,752.00	6,752.00	344.70	116.88	-90.00	1,001.10	-4,221.73	9,306.22	9,147.98	158.24	58.811		
18,900.00	6,840.00	6,752.00	6,752.00	347.39	116.88	-90.00	1,001.10	-4,221.73	9,405.55	9,247.24	158.31	59.414		
19,000.00	6,840.00	6,752.00	6,752.00	350.08	116.88	-90.00	1,001.10	-4,221.73	9,504.89	9,346.51	158.37	60.016		
19,100.00	6,840.00	6,752.00	6,752.00	352.77	116.88	-90.00	1,001.10	-4,221.73	9,604.24	9,445.80	158.44	60.618		
19,200.00	6,840.00	6,752.00	6,752.00	355.46	116.88	-90.00	1,001.10	-4,221.73	9,703.60	9,545.09	158.51	61.218		
19,300.00	6,840.00	6,752.00	6,752.00	358.16	116.88	-90.00	1,001.10	-4,221.73	9,802.98	9,644.40	158.58	61.818		
19,400.00	6,840.00	6,752.00	6,752.00	360.85	116.88	-90.00	1,001.10	-4,221.73	9,902.37	9,743.72	158.65	62.417		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-62.34	2,218.24	-4,232.41	4,779.08					
100.00	100.00	21.69	21.69	0.13	0.02	-62.34	2,218.25	-4,232.41	4,778.48	4,778.33	0.15	N/A		
200.00	200.00	113.30	113.29	0.49	0.11	-62.34	2,218.61	-4,232.37	4,778.63	4,778.02	0.61	7,893.357		
300.00	300.00	210.99	210.99	0.85	0.24	-62.33	2,219.35	-4,232.24	4,778.86	4,777.77	1.09	4,384.154		
400.00	399.98	296.12	296.11	1.21	0.31	-17.70	2,220.08	-4,232.27	4,777.63	4,776.11	1.51	3,156.262		
500.00	499.84	400.22	400.21	1.57	0.39	-17.74	2,220.98	-4,232.44	4,773.19	4,771.25	1.94	2,456.169		
600.00	599.45	477.16	477.14	1.94	0.43	-17.80	2,221.68	-4,232.71	4,765.62	4,763.27	2.35	2,029.741		
700.00	698.70	581.35	581.33	2.32	0.49	-17.91	2,222.65	-4,233.38	4,755.01	4,752.24	2.77	1,716.024		
800.00	797.47	669.03	669.01	2.73	0.54	-18.04	2,223.37	-4,233.93	4,741.05	4,737.86	3.19	1,488.374		
900.00	895.62	777.14	777.10	3.16	0.59	-18.23	2,224.29	-4,234.79	4,723.97	4,720.36	3.61	1,307.791		
1,000.00	993.06	887.99	887.95	3.63	0.64	-18.45	2,225.11	-4,235.29	4,703.29	4,699.25	4.04	1,163.114		
1,100.00	1,089.64	978.26	978.22	4.14	0.68	-18.70	2,225.49	-4,235.77	4,679.32	4,674.85	4.47	1,046.420		
1,200.00	1,185.27	1,079.36	1,079.32	4.70	0.72	-19.00	2,225.90	-4,236.39	4,652.24	4,647.33	4.91	947.299		
1,300.00	1,279.82	1,182.34	1,182.29	5.30	0.77	-19.35	2,226.42	-4,236.76	4,621.84	4,616.48	5.36	862.458		
1,400.00	1,373.17	1,280.55	1,280.50	5.96	0.81	-19.74	2,226.86	-4,236.99	4,588.22	4,582.40	5.81	789.197		
1,500.00	1,465.21	1,374.08	1,374.03	6.67	0.85	-20.18	2,227.17	-4,237.19	4,551.48	4,545.20	6.28	725.018		
1,600.00	1,555.84	1,462.21	1,462.17	7.44	0.89	-20.66	2,227.46	-4,237.39	4,511.76	4,505.01	6.75	668.304		
1,700.00	1,645.41	1,552.17	1,552.12	8.26	0.92	-20.92	2,227.95	-4,237.56	4,470.04	4,462.81	7.23	618.044		
1,800.00	1,734.94	1,640.26	1,640.21	9.09	0.96	-21.12	2,228.39	-4,237.71	4,428.26	4,420.55	7.72	573.938		
1,900.00	1,824.47	1,724.48	1,724.43	9.94	0.99	-21.31	2,228.77	-4,237.99	4,386.64	4,378.43	8.21	534.442		
2,000.00	1,913.99	1,810.07	1,810.01	10.80	1.02	-21.51	2,229.15	-4,238.35	4,345.13	4,336.42	8.71	498.847		
2,100.00	2,003.52	1,882.92	1,882.86	11.66	1.05	-21.68	2,229.61	-4,238.81	4,303.92	4,294.70	9.22	466.815		
2,200.00	2,093.05	1,961.27	1,961.21	12.53	1.08	-21.86	2,230.33	-4,239.50	4,263.06	4,253.33	9.74	437.852		
2,300.00	2,182.58	2,050.04	2,049.97	13.40	1.11	-22.07	2,231.47	-4,240.31	4,222.43	4,212.17	10.26	411.614		
2,400.00	2,272.11	2,140.82	2,140.73	14.28	1.15	-22.29	2,232.67	-4,241.05	4,181.78	4,170.99	10.78	387.742		
2,500.00	2,361.63	2,226.42	2,226.32	15.16	1.18	-22.50	2,233.80	-4,241.83	4,141.27	4,129.95	11.32	365.911		
2,600.00	2,451.16	2,316.02	2,315.91	16.04	1.22	-22.72	2,235.06	-4,242.68	4,100.86	4,089.01	11.86	345.918		
2,700.00	2,540.69	2,411.65	2,411.53	16.92	1.25	-22.96	2,236.38	-4,243.53	4,060.45	4,048.06	12.40	327.577		
2,800.00	2,630.22	2,504.46	2,504.33	17.81	1.29	-23.19	2,237.81	-4,244.18	4,020.01	4,007.07	12.94	310.689		
2,900.00	2,719.75	2,594.16	2,594.01	18.70	1.32	-23.43	2,239.23	-4,244.77	3,979.60	3,966.12	13.49	295.054		
3,000.00	2,809.28	2,685.07	2,684.91	19.58	1.35	-23.67	2,240.54	-4,245.42	3,939.25	3,925.21	14.04	280.543		
3,100.00	2,898.80	2,778.35	2,778.18	20.47	1.39	-23.92	2,241.87	-4,246.05	3,898.92	3,884.32	14.60	267.082		
3,200.00	2,988.33	2,861.57	2,861.39	21.36	1.42	-24.15	2,243.19	-4,246.57	3,858.66	3,843.49	15.16	254.461		
3,300.00	3,077.86	2,964.73	2,964.53	22.26	1.45	-24.44	2,244.82	-4,247.30	3,818.55	3,802.83	15.72	242.871		
3,400.00	3,167.39	3,067.69	3,067.48	23.15	1.49	-24.73	2,246.40	-4,247.45	3,778.00	3,761.72	16.28	232.047		
3,500.00	3,256.92	3,168.70	3,168.48	24.04	1.52	-25.02	2,248.02	-4,247.33	3,737.33	3,720.49	16.84	221.922		
3,600.00	3,346.44	3,253.51	3,253.27	24.93	1.55	-25.26	2,249.56	-4,246.98	3,696.56	3,679.14	17.42	212.252		
3,700.00	3,435.97	3,336.07	3,335.82	25.83	1.57	-25.51	2,251.12	-4,246.89	3,656.12	3,638.12	18.00	203.125		
3,800.00	3,525.50	3,419.26	3,418.99	26.72	1.60	-25.76	2,252.74	-4,246.83	3,615.82	3,597.23	18.59	194.509		
3,900.00	3,615.03	3,483.04	3,482.76	27.62	1.62	-25.95	2,254.20	-4,247.08	3,576.07	3,556.87	19.20	186.211		
4,000.00	3,704.56	3,556.00	3,555.68	28.51	1.65	-26.18	2,256.10	-4,247.78	3,536.99	3,517.17	19.82	178.452		
4,100.00	3,794.09	3,639.74	3,639.39	29.41	1.68	-26.44	2,258.29	-4,248.93	3,498.33	3,477.89	20.43	171.197		
4,200.00	3,883.61	3,727.21	3,726.82	30.30	1.71	-26.72	2,260.48	-4,250.18	3,459.77	3,438.71	21.05	164.339		
4,300.00	3,973.14	3,804.17	3,803.75	31.20	1.74	-26.98	2,262.31	-4,251.58	3,421.58	3,399.89	21.69	157.757		
4,400.00	4,062.67	3,897.89	3,897.43	32.10	1.77	-27.30	2,264.55	-4,253.43	3,383.61	3,361.29	22.32	151.622		
4,500.00	4,152.20	3,997.76	3,997.24	32.99	1.81	-27.65	2,267.14	-4,255.14	3,345.57	3,322.63	22.94	145.837		
4,600.00	4,241.73	4,106.28	4,105.72	33.89	1.84	-28.04	2,269.49	-4,256.71	3,307.26	3,283.70	23.56	140.365		
4,700.00	4,331.26	4,198.86	4,198.29	34.79	1.88	-28.39	2,270.94	-4,257.95	3,268.79	3,244.58	24.21	135.013		
4,800.00	4,420.78	4,292.39	4,291.79	35.69	1.91	-28.75	2,272.44	-4,259.11	3,230.33	3,205.47	24.86	129.916		
4,900.00	4,510.31	4,396.83	4,396.22	36.58	1.94	-29.16	2,274.05	-4,260.13	3,191.76	3,166.25	25.51	125.114		
5,000.00	4,599.84	4,482.08	4,481.46	37.48	1.97	-29.51	2,275.17	-4,260.89	3,153.15	3,126.96	26.19	120.392		
5,100.00	4,689.37	4,570.07	4,569.44	38.38	2.00	-29.88	2,276.35	-4,261.79	3,114.78	3,087.91	26.88	115.894		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,663.99	4,663.34	39.28	2.04	-30.28	2,277.81	-4,262.67	3,076.53	3,048.97	27.56	111.635		
5,300.00	4,868.42	4,761.21	4,760.55	40.18	2.07	-30.69	2,279.67	-4,263.29	3,038.23	3,009.99	28.24	107.585		
5,400.00	4,957.95	4,848.05	4,847.36	41.07	2.10	-31.07	2,281.32	-4,263.71	2,999.93	2,970.99	28.95	103.637		
5,500.00	5,047.48	4,933.97	4,933.26	41.97	2.13	-31.46	2,282.90	-4,264.40	2,962.01	2,932.34	29.67	99.846		
5,600.00	5,137.01	5,032.00	5,031.29	42.87	2.16	-31.92	2,284.27	-4,265.19	2,924.12	2,893.74	30.38	96.256		
5,700.00	5,226.54	5,127.96	5,127.23	43.77	2.20	-32.38	2,285.41	-4,265.73	2,886.12	2,855.01	31.11	92.786		
5,800.00	5,316.07	5,213.73	5,213.00	44.67	2.22	-32.82	2,286.08	-4,266.31	2,848.28	2,816.41	31.86	89.388		
5,900.00	5,405.59	5,294.70	5,293.97	45.57	2.25	-33.24	2,286.49	-4,267.13	2,810.83	2,778.18	32.65	86.092		
6,000.00	5,495.12	5,385.18	5,384.44	46.47	2.27	-33.73	2,286.76	-4,268.24	2,773.71	2,740.28	33.43	82.964		
6,100.00	5,584.65	5,474.94	5,474.19	47.37	2.29	-34.24	2,286.82	-4,269.38	2,736.77	2,702.54	34.23	79.948		
6,200.00	5,674.18	5,562.60	5,561.85	48.27	2.31	-34.74	2,286.88	-4,270.54	2,700.06	2,665.01	35.05	77.039		
6,300.00	5,763.71	5,646.80	5,646.04	49.16	2.33	-35.23	2,287.29	-4,271.68	2,663.69	2,627.81	35.88	74.234		
6,400.00	5,853.23	5,739.06	5,738.29	50.06	2.36	-35.79	2,287.68	-4,273.14	2,627.72	2,591.01	36.72	71.566		
6,500.00	5,942.76	5,837.08	5,836.30	50.96	2.38	-36.39	2,287.91	-4,274.31	2,591.58	2,554.02	37.56	69.003		
6,600.00	6,032.29	5,920.10	5,919.31	51.86	2.41	-36.92	2,288.09	-4,275.39	2,555.77	2,517.33	38.44	66.485		
6,700.00	6,121.82	6,005.01	6,004.21	52.76	2.43	-37.47	2,288.62	-4,276.63	2,520.43	2,481.09	39.33	64.076		
6,800.00	6,211.35	6,094.07	6,093.25	53.66	2.46	-38.05	2,289.28	-4,278.02	2,485.44	2,445.21	40.24	61.773		
6,900.00	6,300.88	6,178.34	6,177.51	54.56	2.48	-38.62	2,289.66	-4,279.50	2,450.84	2,409.67	41.17	59.536		
7,000.00	6,390.40	6,255.07	6,254.22	55.46	2.50	-39.16	2,289.86	-4,281.15	2,416.84	2,374.71	42.13	57.365		
7,100.00	6,479.90	6,340.47	6,329.59	56.36	2.52	-37.94	2,290.28	-4,283.24	2,383.61	2,340.50	43.12	55.284		
7,200.00	6,565.62	6,405.75	6,404.82	57.41	2.54	-26.81	2,290.61	-4,285.77	2,341.49	2,297.41	44.08	53.122		
7,300.00	6,643.25	6,493.46	6,492.49	58.67	2.56	-19.77	2,291.08	-4,288.76	2,284.70	2,239.78	44.92	50.864		
7,400.00	6,710.45	6,597.84	6,596.83	60.11	2.59	-14.77	2,291.49	-4,291.36	2,214.16	2,168.59	45.56	48.595		
7,500.00	6,765.16	6,676.68	6,675.66	61.71	2.60	-10.01	2,291.17	-4,292.32	2,131.87	2,085.82	46.05	46.296		
7,600.00	6,805.74	6,724.02	6,723.00	63.40	2.60	-3.09	2,290.64	-4,292.57	2,040.88	1,994.52	46.36	44.026		
7,700.00	6,830.93	6,749.38	6,748.36	65.14	2.60	14.29	2,290.26	-4,292.70	1,944.33	1,897.90	46.43	41.878		
7,800.00	6,839.98	6,758.84	6,757.81	66.86	2.60	83.73	2,290.10	-4,292.75	1,845.19	1,798.97	46.22	39.924		
7,900.00	6,840.00	6,759.38	6,758.36	68.58	2.60	88.41	2,290.09	-4,292.75	1,745.83	1,700.00	45.83	38.098		
8,000.00	6,840.00	6,759.91	6,758.89	70.35	2.60	88.56	2,290.08	-4,292.75	1,646.55	1,601.16	45.39	36.276		
8,100.00	6,840.00	6,760.44	6,759.41	72.18	2.60	88.70	2,290.08	-4,292.76	1,547.36	1,502.46	44.90	34.460		
8,200.00	6,840.00	6,760.97	6,759.94	74.06	2.60	88.85	2,290.07	-4,292.76	1,448.28	1,403.93	44.36	32.651		
8,300.00	6,840.00	6,761.50	6,760.47	75.98	2.60	89.00	2,290.06	-4,292.76	1,349.34	1,305.60	43.74	30.849		
8,400.00	6,840.00	6,762.03	6,761.00	77.96	2.60	89.15	2,290.05	-4,292.77	1,250.57	1,207.53	43.04	29.054		
8,500.00	6,840.00	6,762.56	6,761.54	79.97	2.60	89.30	2,290.04	-4,292.77	1,152.01	1,109.76	42.25	27.268		
8,600.00	6,840.00	6,763.10	6,762.07	82.03	2.60	89.45	2,290.03	-4,292.77	1,053.72	1,012.38	41.34	25.488		
8,700.00	6,840.00	6,763.63	6,762.61	84.12	2.60	89.61	2,290.02	-4,292.77	955.78	915.47	40.31	23.713		
8,800.00	6,840.00	6,764.17	6,763.14	86.25	2.60	89.76	2,290.01	-4,292.78	858.32	819.19	39.13	21.933		
8,900.00	6,840.00	6,764.71	6,763.68	88.41	2.60	89.91	2,290.00	-4,292.78	761.52	723.68	37.84	20.126		
9,000.00	6,840.00	6,765.25	6,764.22	90.60	2.60	90.06	2,289.99	-4,292.78	665.66	629.16	36.50	18.238		
9,100.00	6,840.00	6,765.79	6,764.77	92.82	2.59	90.22	2,289.98	-4,292.79	571.23	535.84	35.39	16.142		
9,200.00	6,840.00	6,766.34	6,765.31	95.07	2.59	90.37	2,289.97	-4,292.79	479.06	443.78	35.28	13.580		
9,300.00	6,840.00	6,766.88	6,765.86	97.34	2.59	90.52	2,289.96	-4,292.79	390.75	352.67	38.08	10.261		
9,400.00	6,840.00	6,767.43	6,766.40	99.64	2.59	90.68	2,289.95	-4,292.80	309.65	262.23	47.42	6.530		
9,500.00	6,840.00	6,767.98	6,766.95	101.95	2.59	90.83	2,289.94	-4,292.80	243.05	175.88	67.17	3.618		
9,600.00	6,840.00	6,768.53	6,767.50	104.29	2.59	90.99	2,289.93	-4,292.80	205.59	111.67	93.92	2.189		
9,634.04	6,840.00	6,768.71	6,767.69	105.09	2.59	91.04	2,289.93	-4,292.80	202.75	101.46	101.29	2.002 CC, ES		
9,700.00	6,840.00	6,769.08	6,768.05	106.64	2.59	91.15	2,289.92	-4,292.80	213.21	104.70	108.51	1.965 SF		
9,800.00	6,840.00	6,769.63	6,768.61	109.02	2.59	91.30	2,289.91	-4,292.81	262.01	157.03	104.98	2.496		
9,900.00	6,840.00	6,770.19	6,769.16	111.41	2.59	91.46	2,289.90	-4,292.81	334.43	238.08	96.35	3.471		
10,000.00	6,840.00	6,770.74	6,769.72	113.81	2.59	91.62	2,289.89	-4,292.81	418.37	329.57	88.80	4.712		
10,100.00	6,840.00	6,771.30	6,770.28	116.23	2.59	91.77	2,289.88	-4,292.82	508.15	425.09	83.07	6.117		
10,200.00	6,840.00	6,771.86	6,770.84	118.67	2.59	91.93	2,289.87	-4,292.82	601.17	522.39	78.78	7.631		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,772.42	6,771.40	121.11	2.59	92.09	2,289.86	-4,292.82	696.13	620.61	75.52	9.218		
10,400.00	6,840.00	6,772.99	6,771.96	123.57	2.59	92.25	2,289.85	-4,292.83	792.33	719.34	72.99	10.855		
10,500.00	6,840.00	6,773.55	6,772.53	126.04	2.59	92.41	2,289.84	-4,292.83	889.37	818.38	70.98	12.530		
10,600.00	6,840.00	6,774.12	6,773.09	128.52	2.59	92.57	2,289.83	-4,292.83	986.99	917.64	69.36	14.231		
10,700.00	6,840.00	6,774.69	6,773.66	131.01	2.59	92.73	2,289.82	-4,292.84	1,085.05	1,017.04	68.02	15.953		
10,800.00	6,840.00	6,775.26	6,774.23	133.51	2.59	92.89	2,289.81	-4,292.84	1,183.44	1,116.54	66.90	17.690		
10,900.00	6,840.00	6,775.83	6,774.80	136.02	2.59	93.05	2,289.80	-4,292.84	1,282.07	1,216.12	65.95	19.439		
11,000.00	6,840.00	6,776.40	6,775.37	138.53	2.59	93.21	2,289.79	-4,292.85	1,380.90	1,315.76	65.15	21.197		
11,100.00	6,840.00	6,776.98	6,775.95	141.06	2.59	93.38	2,289.78	-4,292.85	1,479.89	1,415.44	64.45	22.962		
11,200.00	6,840.00	6,777.55	6,776.52	143.59	2.59	93.54	2,289.76	-4,292.85	1,579.01	1,515.17	63.84	24.733		
11,300.00	6,840.00	6,778.13	6,777.10	146.13	2.59	93.70	2,289.75	-4,292.85	1,678.23	1,614.92	63.31	26.508		
11,400.00	6,840.00	6,778.71	6,777.68	148.68	2.59	93.86	2,289.74	-4,292.86	1,777.53	1,714.69	62.84	28.287		
11,500.00	6,840.00	6,779.29	6,778.26	151.23	2.59	94.03	2,289.73	-4,292.86	1,876.91	1,814.49	62.42	30.068		
11,600.00	6,840.00	6,779.88	6,778.85	153.79	2.59	94.19	2,289.72	-4,292.86	1,976.36	1,914.30	62.05	31.850		
11,700.00	6,840.00	6,780.46	6,779.43	156.35	2.59	94.36	2,289.71	-4,292.87	2,075.85	2,014.13	61.72	33.634		
11,800.00	6,840.00	6,781.05	6,780.02	158.92	2.59	94.52	2,289.70	-4,292.87	2,175.39	2,113.97	61.42	35.418		
11,900.00	6,840.00	6,781.64	6,780.61	161.49	2.59	94.69	2,289.69	-4,292.87	2,274.98	2,213.83	61.15	37.203		
12,000.00	6,840.00	6,782.23	6,781.20	164.07	2.59	94.86	2,289.67	-4,292.88	2,374.59	2,313.69	60.91	38.988		
12,100.00	6,840.00	6,782.82	6,781.79	166.66	2.59	95.02	2,289.66	-4,292.88	2,474.24	2,413.56	60.68	40.772		
12,200.00	6,840.00	6,783.41	6,782.38	169.25	2.59	95.19	2,289.65	-4,292.88	2,573.92	2,513.43	60.48	42.556		
12,300.00	6,840.00	6,784.01	6,782.98	171.84	2.59	95.36	2,289.64	-4,292.89	2,673.62	2,613.32	60.30	44.339		
12,400.00	6,840.00	6,784.61	6,783.58	174.44	2.59	95.52	2,289.63	-4,292.89	2,773.34	2,713.21	60.13	46.121		
12,500.00	6,840.00	6,785.21	6,784.18	177.04	2.59	95.69	2,289.62	-4,292.89	2,873.08	2,813.10	59.98	47.902		
12,600.00	6,840.00	6,785.81	6,784.78	179.64	2.59	95.86	2,289.60	-4,292.90	2,972.84	2,913.00	59.84	49.681		
12,700.00	6,840.00	6,786.41	6,785.38	182.25	2.59	96.03	2,289.59	-4,292.90	3,072.61	3,012.90	59.71	51.459		
12,800.00	6,840.00	6,787.01	6,785.98	184.86	2.59	96.20	2,289.58	-4,292.91	3,172.40	3,112.80	59.59	53.235		
12,900.00	6,840.00	6,787.62	6,786.59	187.47	2.59	96.37	2,289.57	-4,292.91	3,272.20	3,212.71	59.48	55.010		
13,000.00	6,840.00	6,788.23	6,787.20	190.09	2.59	96.54	2,289.55	-4,292.91	3,372.01	3,312.62	59.38	56.782		
13,100.00	6,840.00	6,788.84	6,787.81	192.71	2.59	96.71	2,289.54	-4,292.92	3,471.83	3,412.54	59.29	58.553		
13,200.00	6,840.00	6,789.45	6,788.42	195.34	2.59	96.88	2,289.53	-4,292.92	3,571.66	3,512.45	59.21	60.321		
13,300.00	6,840.00	6,790.07	6,789.04	197.96	2.59	97.05	2,289.52	-4,292.92	3,671.50	3,612.37	59.13	62.088		
13,400.00	6,840.00	6,790.68	6,789.65	200.59	2.59	97.23	2,289.50	-4,292.93	3,771.35	3,712.29	59.06	63.852		
13,500.00	6,840.00	6,791.30	6,790.27	203.22	2.59	97.40	2,289.49	-4,292.93	3,871.21	3,812.21	59.00	65.614		
13,600.00	6,840.00	6,791.92	6,790.89	205.85	2.59	97.57	2,289.48	-4,292.93	3,971.08	3,912.13	58.94	67.374		
13,700.00	6,840.00	6,792.54	6,791.51	208.49	2.59	97.75	2,289.47	-4,292.94	4,070.95	4,012.06	58.89	69.131		
13,800.00	6,840.00	6,793.16	6,792.13	211.13	2.59	97.92	2,289.45	-4,292.94	4,170.82	4,111.98	58.84	70.885		
13,900.00	6,840.00	6,793.79	6,792.76	213.77	2.59	98.09	2,289.44	-4,292.94	4,270.71	4,211.91	58.79	72.637		
14,000.00	6,840.00	6,794.42	6,793.39	216.41	2.59	98.27	2,289.43	-4,292.95	4,370.60	4,311.84	58.76	74.387		
14,100.00	6,840.00	6,795.05	6,794.02	219.06	2.59	98.44	2,289.41	-4,292.95	4,470.49	4,411.77	58.72	76.133		
14,200.00	6,840.00	6,795.68	6,794.65	221.70	2.59	98.62	2,289.40	-4,292.96	4,570.39	4,511.70	58.69	77.877		
14,300.00	6,840.00	6,796.31	6,795.28	224.35	2.59	98.79	2,289.39	-4,292.96	4,670.29	4,611.63	58.66	79.618		
14,400.00	6,840.00	6,796.95	6,795.91	227.00	2.59	98.97	2,289.38	-4,292.96	4,770.19	4,711.56	58.63	81.357		
14,500.00	6,840.00	6,797.58	6,796.55	229.65	2.59	99.15	2,289.36	-4,292.97	4,870.10	4,811.49	58.61	83.092		
14,600.00	6,840.00	6,798.22	6,797.19	232.30	2.59	99.32	2,289.35	-4,292.97	4,970.02	4,911.43	58.59	84.825		
14,700.00	6,840.00	6,798.86	6,797.83	234.96	2.59	99.50	2,289.33	-4,292.97	5,069.93	5,011.36	58.58	86.554		
14,800.00	6,840.00	6,799.51	6,798.47	237.61	2.59	99.68	2,289.32	-4,292.98	5,169.85	5,111.29	58.56	88.281		
14,900.00	6,840.00	6,800.15	6,799.12	240.27	2.59	99.86	2,289.31	-4,292.98	5,269.78	5,211.23	58.55	90.004		
15,000.00	6,840.00	6,800.80	6,799.77	242.93	2.59	100.04	2,289.29	-4,292.99	5,369.70	5,311.16	58.54	91.725		
15,100.00	6,840.00	6,801.45	6,800.42	245.59	2.59	100.22	2,289.28	-4,292.99	5,469.63	5,411.09	58.54	93.442		
15,200.00	6,840.00	6,802.10	6,801.07	248.25	2.59	100.40	2,289.27	-4,292.99	5,569.56	5,511.03	58.53	95.156		
15,300.00	6,840.00	6,802.75	6,801.72	250.92	2.59	100.57	2,289.25	-4,293.00	5,669.49	5,610.96	58.53	96.867		
15,400.00	6,840.00	6,803.41	6,802.37	253.58	2.59	100.76	2,289.24	-4,293.00	5,769.43	5,710.90	58.53	98.574		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,500.00	6,840.00	6,804.07	6,803.03	256.25	2.59	100.94	2,289.22	-4,293.01	5,869.37	5,810.84	58.53	100.278		
15,600.00	6,840.00	6,804.72	6,803.69	258.91	2.59	101.12	2,289.21	-4,293.01	5,969.31	5,910.77	58.53	101.979		
15,700.00	6,840.00	6,805.39	6,804.35	261.58	2.59	101.30	2,289.19	-4,293.01	6,069.25	6,010.71	58.54	103.677		
15,800.00	6,840.00	6,806.05	6,805.02	264.25	2.59	101.48	2,289.18	-4,293.02	6,169.19	6,110.64	58.55	105.371		
15,900.00	6,840.00	6,806.72	6,805.68	266.92	2.59	101.66	2,289.16	-4,293.02	6,269.14	6,210.58	58.56	107.062		
16,000.00	6,840.00	6,807.38	6,806.35	269.59	2.59	101.84	2,289.15	-4,293.03	6,369.08	6,310.52	58.57	108.749		
16,100.00	6,840.00	6,808.05	6,807.02	272.26	2.59	102.03	2,289.14	-4,293.03	6,469.03	6,410.45	58.58	110.433		
16,200.00	6,840.00	6,808.73	6,807.69	274.94	2.59	102.21	2,289.12	-4,293.03	6,568.98	6,510.39	58.59	112.113		
16,300.00	6,840.00	6,809.40	6,808.37	277.61	2.59	102.39	2,289.11	-4,293.04	6,668.93	6,610.32	58.61	113.790		
16,400.00	6,840.00	6,810.08	6,809.04	280.28	2.59	102.58	2,289.09	-4,293.04	6,768.88	6,710.26	58.62	115.463		
16,500.00	6,840.00	6,810.76	6,809.72	282.96	2.59	102.76	2,289.07	-4,293.05	6,868.84	6,810.20	58.64	117.133		
16,600.00	6,840.00	6,811.44	6,810.40	285.64	2.59	102.95	2,289.06	-4,293.05	6,968.79	6,910.13	58.66	118.799		
16,700.00	6,840.00	6,812.12	6,811.08	288.31	2.59	103.13	2,289.04	-4,293.05	7,068.75	7,010.07	58.68	120.461		
16,800.00	6,840.00	6,812.80	6,811.77	290.99	2.59	103.32	2,289.03	-4,293.06	7,168.71	7,110.01	58.70	122.120		
16,900.00	6,840.00	6,813.49	6,812.46	293.67	2.59	103.50	2,289.01	-4,293.06	7,268.67	7,209.94	58.72	123.775		
17,000.00	6,840.00	6,814.18	6,813.15	296.35	2.59	103.69	2,289.00	-4,293.07	7,368.63	7,309.88	58.75	125.426		
17,100.00	6,840.00	6,814.87	6,813.84	299.03	2.59	103.87	2,288.98	-4,293.07	7,468.59	7,409.81	58.77	127.074		
17,200.00	6,840.00	6,815.57	6,814.53	301.71	2.59	104.06	2,288.97	-4,293.08	7,568.55	7,509.75	58.80	128.718		
17,300.00	6,840.00	6,816.26	6,815.23	304.39	2.59	104.25	2,288.95	-4,293.08	7,668.51	7,609.68	58.83	130.358		
17,400.00	6,840.00	6,816.96	6,815.93	307.08	2.59	104.44	2,288.93	-4,293.08	7,768.48	7,709.62	58.85	131.994		
17,500.00	6,840.00	6,817.66	6,816.63	309.76	2.59	104.62	2,288.92	-4,293.09	7,868.44	7,809.56	58.88	133.626		
17,600.00	6,840.00	6,818.37	6,817.33	312.44	2.59	104.81	2,288.90	-4,293.09	7,968.40	7,909.49	58.91	135.255		
17,700.00	6,840.00	6,819.07	6,818.03	315.13	2.59	105.00	2,288.88	-4,293.10	8,068.37	8,009.43	58.95	136.879		
17,800.00	6,840.00	6,811.11	6,810.08	317.81	2.59	102.86	2,289.07	-4,293.04	8,168.35	8,109.39	58.96	138.551		
17,900.00	6,840.00	6,811.44	6,810.41	320.50	2.59	102.95	2,289.06	-4,293.04	8,268.32	8,209.33	58.99	140.170		
18,000.00	6,840.00	6,811.77	6,810.74	323.19	2.59	103.04	2,289.05	-4,293.05	8,368.28	8,309.26	59.02	141.786		
18,100.00	6,840.00	6,812.09	6,811.06	325.87	2.59	103.12	2,289.05	-4,293.05	8,468.25	8,409.20	59.05	143.397		
18,200.00	6,840.00	6,812.42	6,811.38	328.56	2.59	103.21	2,289.04	-4,293.05	8,568.22	8,509.14	59.09	145.005		
18,300.00	6,840.00	6,812.73	6,811.70	331.25	2.59	103.30	2,289.03	-4,293.05	8,668.20	8,609.07	59.12	146.608		
18,400.00	6,840.00	6,813.05	6,812.01	333.94	2.59	103.38	2,289.03	-4,293.05	8,768.17	8,709.01	59.16	148.208		
18,500.00	6,840.00	6,813.36	6,812.33	336.63	2.59	103.47	2,289.02	-4,293.05	8,868.14	8,808.94	59.20	149.804		
18,600.00	6,840.00	6,813.67	6,812.64	339.32	2.59	103.55	2,289.01	-4,293.06	8,968.11	8,908.88	59.24	151.395		
18,700.00	6,840.00	6,813.98	6,812.95	342.01	2.59	103.63	2,289.00	-4,293.06	9,068.09	9,008.81	59.28	152.983		
18,800.00	6,840.00	6,814.29	6,813.25	344.70	2.59	103.72	2,289.00	-4,293.06	9,168.06	9,108.75	59.31	154.567		
18,900.00	6,840.00	6,814.59	6,813.55	347.39	2.59	103.80	2,288.99	-4,293.06	9,268.03	9,208.68	59.35	156.146		
19,000.00	6,840.00	6,814.89	6,813.85	350.08	2.59	103.88	2,288.98	-4,293.06	9,368.01	9,308.61	59.40	157.722		
19,100.00	6,840.00	6,815.19	6,814.15	352.77	2.59	103.96	2,288.98	-4,293.06	9,467.99	9,408.55	59.44	159.293		
19,200.00	6,840.00	6,815.48	6,814.45	355.46	2.59	104.04	2,288.97	-4,293.07	9,567.96	9,508.48	59.48	160.861		
19,300.00	6,840.00	6,815.78	6,814.74	358.16	2.59	104.12	2,288.96	-4,293.07	9,667.94	9,608.42	59.52	162.424		
19,400.00	6,840.00	6,816.07	6,815.03	360.85	2.59	104.19	2,288.96	-4,293.07	9,767.92	9,708.35	59.57	163.983		
19,500.00	6,840.00	6,816.35	6,815.32	363.54	2.59	104.27	2,288.95	-4,293.07	9,867.89	9,808.28	59.61	165.538		
19,600.00	6,840.00	6,816.64	6,815.60	366.24	2.59	104.35	2,288.94	-4,293.07	9,967.87	9,908.21	59.66	167.089		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-66.35	1,512.46	-3,453.59	3,770.98					
100.00	100.00	25.75	25.75	0.13	0.05	-66.35	1,512.46	-3,453.59	3,770.26	3,770.08	0.18	N/A		
200.00	200.00	124.79	124.79	0.49	0.22	-66.35	1,512.42	-3,453.63	3,770.28	3,769.57	0.71	5,302.126		
300.00	300.00	223.83	223.83	0.85	0.39	-66.35	1,512.34	-3,453.71	3,770.32	3,769.08	1.24	3,033.916		
400.00	399.98	322.85	322.85	1.21	0.56	-21.74	1,512.22	-3,453.84	3,768.77	3,767.00	1.77	2,125.865		
500.00	499.84	421.75	421.75	1.57	0.74	-21.81	1,512.05	-3,454.02	3,764.01	3,761.70	2.31	1,632.409		
600.00	599.45	520.41	520.41	1.94	0.91	-21.92	1,511.84	-3,454.24	3,756.03	3,753.19	2.84	1,321.775		
700.00	698.70	618.71	618.71	2.32	1.08	-22.08	1,511.58	-3,454.51	3,744.87	3,741.49	3.38	1,107.736		
800.00	797.47	716.53	716.53	2.73	1.25	-22.29	1,511.28	-3,454.83	3,730.53	3,726.61	3.92	950.778		
900.00	895.62	813.75	813.74	3.16	1.42	-22.54	1,510.94	-3,455.18	3,713.04	3,708.57	4.47	830.320		
1,000.00	993.06	897.19	897.19	3.63	1.76	-22.82	1,510.76	-3,455.68	3,692.65	3,687.45	5.20	710.335		
1,100.00	1,089.64	982.71	982.70	4.14	2.07	-23.15	1,510.70	-3,456.40	3,669.43	3,663.53	5.90	622.197		
1,200.00	1,185.27	1,067.54	1,067.53	4.70	2.37	-23.53	1,510.78	-3,457.33	3,643.42	3,636.81	6.61	551.576		
1,300.00	1,279.82	1,151.60	1,151.58	5.30	2.67	-23.96	1,510.99	-3,458.47	3,614.66	3,607.34	7.32	493.553		
1,400.00	1,373.17	1,234.81	1,234.78	5.96	2.96	-24.44	1,511.34	-3,459.81	3,583.19	3,575.14	8.05	444.899		
1,500.00	1,465.21	1,317.09	1,317.04	6.67	3.26	-24.97	1,511.82	-3,461.34	3,549.06	3,540.26	8.80	403.409		
1,600.00	1,555.84	1,396.56	1,396.49	7.44	3.54	-25.56	1,512.40	-3,463.04	3,512.33	3,502.78	9.55	367.757		
1,700.00	1,645.41	1,475.38	1,475.28	8.26	3.82	-25.91	1,513.09	-3,464.97	3,473.94	3,463.63	10.32	336.715		
1,800.00	1,734.94	1,554.40	1,554.27	9.09	4.10	-26.19	1,513.90	-3,467.15	3,435.88	3,424.79	11.09	309.763		
1,900.00	1,824.47	1,633.65	1,633.47	9.94	4.39	-26.48	1,514.83	-3,469.57	3,398.23	3,386.35	11.88	286.036		
2,000.00	1,913.99	1,713.13	1,712.90	10.80	4.67	-26.77	1,515.88	-3,472.24	3,360.98	3,348.29	12.68	265.034		
2,100.00	2,003.52	1,792.84	1,792.55	11.66	4.95	-27.06	1,517.04	-3,475.17	3,324.14	3,310.64	13.49	246.345		
2,200.00	2,093.05	1,879.85	1,879.48	12.53	5.27	-27.39	1,518.45	-3,478.60	3,287.69	3,273.35	14.34	229.272		
2,300.00	2,182.58	1,963.56	1,963.11	13.40	5.64	-27.78	1,520.28	-3,482.41	3,251.16	3,235.91	15.25	213.235		
2,400.00	2,272.11	2,047.08	2,046.55	14.28	6.00	-28.18	1,522.28	-3,485.73	3,214.39	3,198.23	16.16	198.901		
2,500.00	2,361.63	2,130.40	2,129.81	15.16	6.37	-28.58	1,524.43	-3,488.56	3,177.37	3,160.29	17.08	186.025		
2,600.00	2,451.16	2,213.53	2,212.89	16.04	6.74	-28.99	1,526.74	-3,490.92	3,140.12	3,122.12	18.01	174.398		
2,700.00	2,540.69	2,296.45	2,295.76	16.92	7.11	-29.40	1,529.21	-3,492.79	3,102.63	3,083.69	18.94	163.849		
2,800.00	2,630.22	2,379.95	2,379.23	17.81	7.41	-29.74	1,531.28	-3,494.28	3,065.23	3,045.41	19.82	154.659		
2,900.00	2,719.75	2,463.77	2,463.00	18.70	7.72	-30.10	1,533.47	-3,495.92	3,028.06	3,007.34	20.72	146.138		
3,000.00	2,809.28	2,548.68	2,547.87	19.58	8.03	-30.46	1,535.71	-3,497.67	2,991.14	2,969.51	21.63	138.283		
3,100.00	2,898.80	2,632.69	2,631.83	20.47	8.34	-30.84	1,537.99	-3,499.54	2,954.46	2,931.91	22.55	131.020		
3,200.00	2,988.33	2,717.80	2,716.88	21.36	8.65	-31.23	1,540.31	-3,501.51	2,918.03	2,894.55	23.48	124.288		
3,300.00	3,077.86	2,802.80	2,801.83	22.26	8.96	-31.62	1,542.71	-3,503.62	2,881.85	2,857.44	24.42	118.020		
3,400.00	3,167.39	3,011.06	3,010.03	23.15	9.30	-32.07	1,545.28	-3,505.86	2,845.79	2,820.40	25.39	112.095		
3,500.00	3,256.92	3,106.01	3,104.92	24.04	9.64	-32.52	1,547.79	-3,507.97	2,809.74	2,783.37	26.36	106.571		
3,600.00	3,346.44	3,200.85	3,199.70	24.93	9.99	-32.98	1,550.25	-3,509.96	2,773.71	2,746.36	27.35	101.410		
3,700.00	3,435.97	3,295.57	3,294.38	25.83	10.32	-33.46	1,552.65	-3,511.83	2,737.71	2,709.37	28.35	96.578		
3,800.00	3,525.50	3,390.18	3,388.94	26.72	10.66	-33.94	1,555.00	-3,513.57	2,701.76	2,672.40	29.35	92.045		
3,900.00	3,615.03	3,484.68	3,483.39	27.62	11.00	-34.44	1,557.29	-3,515.18	2,665.84	2,635.47	30.37	87.784		
4,000.00	3,704.56	3,575.88	3,574.56	28.51	11.33	-34.95	1,559.22	-3,516.77	2,630.06	2,598.67	31.39	83.788		
4,100.00	3,794.09	3,667.94	3,666.59	29.41	11.66	-35.47	1,560.93	-3,518.36	2,594.42	2,561.99	32.42	80.013		
4,200.00	3,883.61	3,759.83	3,758.46	30.30	11.99	-36.02	1,562.38	-3,519.95	2,558.92	2,525.45	33.47	76.447		
4,300.00	3,973.14	3,851.55	3,850.16	31.20	12.32	-36.58	1,563.57	-3,521.55	2,523.60	2,489.07	34.54	73.074		
4,400.00	4,062.67	3,943.10	3,941.69	32.10	12.65	-37.16	1,564.49	-3,523.15	2,488.47	2,452.86	35.61	69.879		
4,500.00	4,152.20	4,033.21	4,031.78	32.99	12.97	-37.76	1,565.19	-3,524.74	2,453.56	2,416.86	36.70	66.855		
4,600.00	4,241.73	4,122.59	4,121.14	33.89	13.29	-38.37	1,565.81	-3,526.37	2,418.93	2,381.13	37.80	63.990		
4,700.00	4,331.26	4,211.96	4,210.49	34.79	13.61	-38.99	1,566.36	-3,528.04	2,384.62	2,345.70	38.92	61.270		
4,800.00	4,420.78	4,301.31	4,299.83	35.69	13.93	-39.63	1,566.85	-3,529.75	2,350.62	2,310.56	40.05	58.687		
4,900.00	4,510.31	4,390.65	4,389.15	36.58	14.25	-40.30	1,567.27	-3,531.51	2,316.96	2,275.75	41.20	56.231		
5,000.00	4,599.84	4,479.97	4,478.45	37.48	14.58	-40.98	1,567.64	-3,533.31	2,283.65	2,241.28	42.37	53.896		
5,100.00	4,689.37	4,571.54	4,570.00	38.38	14.90	-41.70	1,567.90	-3,535.19	2,250.68	2,207.12	43.56	51.668		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,664.55	4,662.99	39.28	15.23	-42.46	1,567.86	-3,537.01	2,217.96	2,173.19	44.77	49.539		
5,300.00	4,868.42	4,757.27	4,755.70	40.18	15.56	-43.24	1,567.50	-3,538.75	2,185.50	2,139.49	46.00	47.508		
5,400.00	4,957.95	4,849.89	4,848.30	41.07	15.89	-44.06	1,566.87	-3,540.39	2,153.32	2,106.07	47.25	45.569		
5,500.00	5,047.48	4,942.41	4,940.81	41.97	16.22	-44.90	1,566.14	-3,541.92	2,121.45	2,072.93	48.52	43.720		
5,600.00	5,137.01	5,034.80	5,033.18	42.87	16.55	-45.76	1,565.32	-3,543.34	2,089.91	2,040.10	49.81	41.954		
5,700.00	5,226.54	5,126.94	5,125.31	43.77	16.87	-46.65	1,564.49	-3,544.64	2,058.72	2,007.60	51.12	40.269		
5,800.00	5,316.07	5,210.42	5,208.77	44.67	17.16	-47.47	1,563.88	-3,545.82	2,028.05	1,975.61	52.44	38.673		
5,900.00	5,405.59	5,287.40	5,285.74	45.57	17.44	-48.23	1,563.75	-3,547.31	1,998.32	1,944.56	53.76	37.170		
6,000.00	5,495.12	5,371.42	5,369.73	46.47	17.74	-49.07	1,563.86	-3,549.46	1,969.66	1,914.55	55.11	35.737		
6,100.00	5,584.65	5,465.38	5,463.66	47.37	18.08	-50.04	1,564.04	-3,551.79	1,941.46	1,884.95	56.51	34.357		
6,200.00	5,674.18	5,554.93	5,553.28	48.27	18.44	-51.05	1,564.21	-3,554.11	1,908.52	1,850.30	58.22	32.780		
6,300.00	5,763.71	5,644.03	5,642.33	49.16	19.00	-52.11	1,564.38	-3,556.48	1,876.36	1,816.62	59.74	31.408		
6,400.00	5,853.23	5,734.00	5,732.29	50.06	19.16	-53.23	1,564.63	-3,558.88	1,846.92	1,785.64	61.28	30.139		
6,500.00	5,942.76	5,824.11	5,822.40	50.96	19.36	-54.40	1,564.99	-3,561.31	1,820.12	1,757.24	62.88	28.945		
6,600.00	6,032.29	5,914.67	5,912.98	51.86	19.64	-55.71	1,565.47	-3,563.77	1,795.26	1,730.64	64.62	27.784		
6,700.00	6,121.82	6,004.92	6,003.23	52.76	19.89	-57.21	1,566.07	-3,566.26	1,771.96	1,705.64	66.32	26.720		
6,800.00	6,211.35	6,095.49	6,093.80	53.66	20.12	-58.76	1,566.79	-3,568.78	1,750.97	1,683.00	67.96	25.763		
6,900.00	6,300.88	6,185.28	6,183.59	54.56	20.37	-60.37	1,567.63	-3,571.33	1,732.31	1,662.66	69.65	24.873		
7,000.00	6,390.40	6,275.11	6,273.42	55.46	20.63	-62.04	1,568.59	-3,573.91	1,716.26	1,644.94	71.33	24.062		
7,100.00	6,479.90	6,364.50	6,362.81	56.36	21.13	-63.84	1,569.66	-3,576.52	1,700.97	1,627.60	73.37	23.184		
7,200.00	6,569.42	6,454.05	6,452.36	57.26	21.59	-65.71	1,570.83	-3,579.17	1,675.35	1,599.96	75.39	22.283		
7,300.00	6,658.95	6,543.58	6,541.89	58.16	22.15	-67.64	1,572.11	-3,581.86	1,634.77	1,557.38	77.39	21.123		
7,400.00	6,748.48	6,633.11	6,631.42	59.06	22.71	-69.64	1,573.50	-3,584.58	1,581.74	1,502.34	79.41	19.919		
7,500.00	6,837.99	6,722.64	6,720.95	60.00	23.34	-71.71	1,575.00	-3,587.33	1,518.39	1,436.95	81.44	18.644		
7,600.00	6,927.50	6,812.17	6,810.48	61.00	24.00	-73.84	1,576.61	-3,590.11	1,447.13	1,363.65	83.48	17.336		
7,700.00	7,017.01	6,901.69	6,899.99	62.06	24.68	-76.04	1,578.33	-3,592.92	1,370.39	1,284.90	85.49	16.030		
7,800.00	7,106.52	6,991.20	6,989.50	63.16	25.39	-78.31	1,580.16	-3,595.76	1,290.56	1,203.15	87.42	14.763		
7,900.00	7,196.03	7,080.71	7,079.01	64.31	26.11	-80.64	1,582.10	-3,598.63	1,211.19	1,121.84	89.35	13.556		
8,000.00	7,285.54	7,170.22	7,168.52	65.50	26.84	-83.04	1,584.15	-3,601.53	1,135.03	1,043.61	91.42	12.416		
8,100.00	7,375.05	7,259.73	7,258.03	66.74	27.60	-85.50	1,586.31	-3,604.46	1,062.79	969.19	93.60	11.354		
8,200.00	7,464.56	7,349.24	7,347.54	68.04	28.39	-88.04	1,588.58	-3,607.42	995.33	899.48	95.85	10.385		
8,300.00	7,554.07	7,438.75	7,437.05	69.39	29.20	-90.64	1,590.96	-3,610.41	933.67	835.62	98.05	9.522		
8,400.00	7,643.58	7,528.26	7,526.56	70.79	30.04	-93.31	1,593.45	-3,613.42	879.04	778.97	100.07	8.784		
8,500.00	7,733.09	7,617.77	7,616.07	72.24	30.90	-96.04	1,596.05	-3,616.46	832.83	731.13	101.70	8.189		
8,600.00	7,822.60	7,707.28	7,705.58	73.74	31.79	-98.84	1,598.76	-3,619.52	796.50	693.81	102.68	7.757		
8,700.00	7,912.11	7,796.79	7,795.09	75.29	32.69	-101.71	1,601.58	-3,622.61	771.45	668.68	102.77	7.507		
8,800.00	8,001.62	7,886.30	7,884.60	76.89	33.60	-104.64	1,604.52	-3,625.72	758.79	657.04	101.76	7.457 SF		
8,847.20	8,041.13	7,925.81	7,924.11	78.54	34.54	-107.64	1,607.57	-3,628.85	757.33	656.45	100.88	7.507 CC, ES		
8,900.00	8,130.64	8,015.32	8,013.62	80.24	35.49	-110.71	1,610.73	-3,631.99	759.16	659.55	99.61	7.621		
9,000.00	8,220.15	8,104.83	8,103.13	82.00	36.44	-113.84	1,613.99	-3,635.15	772.49	675.96	96.53	8.003		
9,100.00	8,309.66	8,194.34	8,192.64	83.81	37.40	-117.04	1,617.36	-3,638.32	798.23	705.61	92.62	8.619		
9,200.00	8,399.17	8,283.85	8,282.15	85.66	38.36	-120.31	1,620.83	-3,641.49	835.17	746.85	88.31	9.457		
9,300.00	8,488.68	8,373.36	8,371.66	87.56	39.34	-123.64	1,624.41	-3,644.67	881.90	797.96	83.94	10.507		
9,400.00	8,578.19	8,462.87	8,461.17	89.50	40.34	-127.04	1,628.00	-3,647.86	936.96	857.22	79.74	11.750		
9,500.00	8,667.70	8,552.38	8,550.68	91.49	41.34	-130.50	1,631.61	-3,651.06	998.97	923.09	75.88	13.165		
9,600.00	8,757.21	8,641.89	8,640.19	93.54	42.34	-134.04	1,635.33	-3,654.27	1,066.73	994.30	72.43	14.729		
9,700.00	8,846.72	8,731.40	8,729.70	95.64	43.34	-137.64	1,639.16	-3,657.49	1,139.20	1,069.79	69.40	16.414		
9,800.00	8,936.23	8,820.91	8,819.21	97.79	44.34	-141.31	1,643.10	-3,660.72	1,215.54	1,148.74	66.80	18.196		
9,900.00	9,025.74	8,910.42	8,908.72	100.00	45.34	-145.04	1,647.15	-3,663.96	1,295.07	1,230.48	64.59	20.052		
10,000.00	9,115.25	9,000.93	8,999.23	102.26	46.34	-148.84	1,651.31	-3,667.21	1,377.24	1,314.52	62.72	21.960		
10,100.00	9,204.76	9,090.44	9,088.74	104.57	47.34	-152.64	1,655.58	-3,670.47	1,461.59	1,400.45	61.15	23.903		
10,200.00	9,294.27	9,180.95	9,179.25	106.94	48.34	-156.50	1,660.00	-3,673.74	1,547.78	1,487.95	59.84	25.867		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,603.75	6,576.62	121.11	22.01	-75.65	1,343.74	-3,516.74	1,635.52	1,576.77	58.75	27.840		
10,400.00	6,840.00	6,595.29	6,568.26	123.57	21.98	-75.02	1,344.92	-3,517.23	1,724.56	1,666.71	57.84	29.814		
10,500.00	6,840.00	6,586.80	6,559.87	126.04	21.95	-74.39	1,346.14	-3,517.73	1,814.71	1,757.61	57.10	31.782		
10,600.00	6,840.00	6,578.28	6,551.46	128.52	21.92	-73.76	1,347.39	-3,518.22	1,905.82	1,849.34	56.49	33.739		
10,700.00	6,840.00	6,569.74	6,543.03	131.01	21.89	-73.13	1,348.67	-3,518.72	1,997.76	1,941.77	55.98	35.684		
10,800.00	6,840.00	6,561.16	6,534.57	133.51	21.86	-72.50	1,349.98	-3,519.22	2,090.41	2,034.84	55.57	37.615		
10,900.00	6,840.00	6,552.56	6,526.09	136.02	21.83	-71.87	1,351.32	-3,519.73	2,183.69	2,128.45	55.24	39.530		
11,000.00	6,840.00	6,543.93	6,517.59	138.53	21.80	-71.23	1,352.70	-3,520.23	2,277.51	2,222.54	54.97	41.429		
11,100.00	6,840.00	6,535.27	6,509.06	141.06	21.76	-70.60	1,354.11	-3,520.74	2,371.82	2,317.06	54.76	43.314		
11,200.00	6,840.00	6,527.11	6,501.02	143.59	21.73	-70.01	1,355.46	-3,521.22	2,466.56	2,411.96	54.60	45.176		
11,300.00	6,840.00	6,521.70	6,495.69	146.13	21.71	-69.62	1,356.37	-3,521.54	2,561.68	2,507.16	54.52	46.989		
11,400.00	6,840.00	6,516.42	6,490.51	148.68	21.69	-69.23	1,357.27	-3,521.84	2,657.15	2,602.68	54.46	48.786		
11,500.00	6,840.00	6,511.28	6,485.45	151.23	21.68	-68.86	1,358.15	-3,522.13	2,752.93	2,698.49	54.44	50.569		
11,600.00	6,840.00	6,506.27	6,480.52	153.79	21.66	-68.50	1,359.02	-3,522.41	2,848.99	2,794.55	54.43	52.337		
11,700.00	6,840.00	6,501.38	6,475.72	156.35	21.64	-68.15	1,359.88	-3,522.68	2,945.30	2,890.85	54.45	54.093		
11,800.00	6,840.00	6,496.61	6,471.03	158.92	21.62	-67.81	1,360.72	-3,522.94	3,041.84	2,987.36	54.48	55.837		
11,900.00	6,840.00	6,491.96	6,466.46	161.49	21.60	-67.48	1,361.55	-3,523.19	3,138.59	3,084.07	54.52	57.569		
12,000.00	6,840.00	6,487.42	6,462.00	164.07	21.59	-67.15	1,362.36	-3,523.44	3,235.53	3,180.96	54.57	59.292		
12,100.00	6,840.00	6,482.98	6,457.64	166.66	21.57	-66.83	1,363.16	-3,523.67	3,332.64	3,278.01	54.63	61.004		
12,200.00	6,840.00	6,478.65	6,453.39	169.25	21.56	-66.53	1,363.95	-3,523.89	3,429.91	3,375.21	54.70	62.707		
12,300.00	6,840.00	6,474.41	6,449.23	171.84	21.54	-66.23	1,364.73	-3,524.11	3,527.33	3,472.56	54.77	64.402		
12,400.00	6,840.00	6,470.28	6,445.17	174.44	21.53	-65.93	1,365.50	-3,524.32	3,624.88	3,570.03	54.85	66.088		
12,500.00	6,840.00	6,466.23	6,441.20	177.04	21.51	-65.65	1,366.25	-3,524.53	3,722.56	3,667.62	54.93	67.767		
12,600.00	6,840.00	6,464.00	6,439.01	179.64	21.50	-65.49	1,366.67	-3,524.64	3,820.35	3,765.31	55.04	69.415		
12,700.00	6,840.00	6,464.00	6,439.01	182.25	21.50	-65.49	1,366.67	-3,524.64	3,918.25	3,863.09	55.16	71.030		
12,800.00	6,840.00	6,455.88	6,431.05	184.86	21.47	-64.92	1,368.20	-3,525.03	4,016.25	3,961.04	55.21	72.744		
12,900.00	6,840.00	6,452.67	6,427.89	187.47	21.46	-64.69	1,368.81	-3,525.19	4,114.34	4,059.03	55.31	74.389		
13,000.00	6,840.00	6,449.52	6,424.81	190.09	21.45	-64.47	1,369.40	-3,525.34	4,212.51	4,157.11	55.41	76.028		
13,100.00	6,840.00	6,446.44	6,421.79	192.71	21.44	-64.26	1,369.99	-3,525.48	4,310.77	4,255.26	55.51	77.661		
13,200.00	6,840.00	6,443.42	6,418.83	195.34	21.43	-64.05	1,370.57	-3,525.62	4,409.10	4,353.49	55.61	79.289		
13,300.00	6,840.00	6,440.46	6,415.93	197.96	21.42	-63.84	1,371.13	-3,525.76	4,507.51	4,451.80	55.71	80.911		
13,400.00	6,840.00	6,437.56	6,413.08	200.59	21.40	-63.64	1,371.69	-3,525.89	4,605.97	4,550.16	55.81	82.528		
13,500.00	6,840.00	6,434.72	6,410.29	203.22	21.39	-63.44	1,372.23	-3,526.02	4,704.50	4,648.59	55.91	84.140		
13,600.00	6,840.00	6,431.93	6,407.56	205.85	21.38	-63.25	1,372.77	-3,526.14	4,803.09	4,747.08	56.01	85.747		
13,700.00	6,840.00	6,429.19	6,404.88	208.49	21.37	-63.06	1,373.30	-3,526.27	4,901.74	4,845.62	56.12	87.349		
13,800.00	6,840.00	6,426.51	6,402.25	211.13	21.36	-62.87	1,373.81	-3,526.38	5,000.43	4,944.21	56.22	88.946		
13,900.00	6,840.00	6,423.87	6,399.67	213.77	21.35	-62.69	1,374.32	-3,526.50	5,099.17	5,042.85	56.32	90.538		
14,000.00	6,840.00	6,421.29	6,397.13	216.41	21.34	-62.51	1,374.82	-3,526.61	5,197.96	5,141.54	56.42	92.126		
14,100.00	6,840.00	6,418.75	6,394.65	219.06	21.34	-62.34	1,375.32	-3,526.72	5,296.79	5,240.27	56.52	93.709		
14,200.00	6,840.00	6,416.27	6,392.21	221.70	21.33	-62.17	1,375.80	-3,526.82	5,395.67	5,339.04	56.63	95.287		
14,300.00	6,840.00	6,413.82	6,389.81	224.35	21.32	-62.00	1,376.28	-3,526.92	5,494.58	5,437.85	56.73	96.861		
14,400.00	6,840.00	6,411.42	6,387.46	227.00	21.31	-61.84	1,376.75	-3,527.02	5,593.53	5,536.70	56.83	98.431		
14,500.00	6,840.00	6,409.00	6,376.27	229.65	21.27	-61.06	1,378.99	-3,527.48	5,692.52	5,635.66	56.86	100.113		
14,600.00	6,840.00	6,400.00	6,376.27	232.30	21.27	-61.06	1,378.99	-3,527.48	5,791.54	5,734.56	56.98	101.644		
14,700.00	6,840.00	6,400.00	6,376.27	234.96	21.27	-61.06	1,378.99	-3,527.48	5,890.58	5,833.48	57.10	103.171		
14,800.00	6,840.00	6,400.00	6,376.27	237.61	21.27	-61.06	1,378.99	-3,527.48	5,989.66	5,932.44	57.21	104.694		
14,900.00	6,840.00	6,400.00	6,376.27	240.27	21.27	-61.06	1,378.99	-3,527.48	6,088.76	6,031.44	57.33	106.213		
15,000.00	6,840.00	6,400.00	6,376.27	242.93	21.27	-61.06	1,378.99	-3,527.48	6,187.90	6,130.46	57.44	107.728		
15,100.00	6,840.00	6,400.00	6,376.27	245.59	21.27	-61.06	1,378.99	-3,527.48	6,287.06	6,229.51	57.55	109.239		
15,200.00	6,840.00	6,400.00	6,376.27	248.25	21.27	-61.06	1,378.99	-3,527.48	6,386.25	6,328.58	57.67	110.746		
15,300.00	6,840.00	6,400.00	6,376.27	250.92	21.27	-61.06	1,378.99	-3,527.48	6,485.46	6,427.69	57.78	112.250		
15,400.00	6,840.00	6,400.00	6,376.27	253.58	21.27	-61.06	1,378.99	-3,527.48	6,584.70	6,526.81	57.89	113.749		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,500.00	6,840.00	6,400.00	6,376.27	256.25	21.27	-61.06	1,378.99	-3,527.48	6,683.96	6,625.96	58.00	115.245		
15,600.00	6,840.00	6,400.00	6,376.27	258.91	21.27	-61.06	1,378.99	-3,527.48	6,783.24	6,725.14	58.11	116.736		
15,700.00	6,840.00	6,400.00	6,376.27	261.58	21.27	-61.06	1,378.99	-3,527.48	6,882.55	6,824.33	58.22	118.224		
15,800.00	6,840.00	6,400.00	6,376.27	264.25	21.27	-61.06	1,378.99	-3,527.48	6,981.87	6,923.54	58.32	119.707		
15,900.00	6,840.00	6,400.00	6,376.27	266.92	21.27	-61.06	1,378.99	-3,527.48	7,081.21	7,022.78	58.43	121.187		
16,000.00	6,840.00	6,400.00	6,376.27	269.59	21.27	-61.06	1,378.99	-3,527.48	7,180.57	7,122.03	58.54	122.663		
16,100.00	6,840.00	6,400.00	6,376.27	272.26	21.27	-61.06	1,378.99	-3,527.48	7,279.95	7,221.30	58.65	124.134		
16,200.00	6,840.00	6,400.00	6,376.27	274.94	21.27	-61.06	1,378.99	-3,527.48	7,379.34	7,320.59	58.75	125.602		
16,300.00	6,840.00	6,400.00	6,376.27	277.61	21.27	-61.06	1,378.99	-3,527.48	7,478.75	7,419.90	58.86	127.065		
16,400.00	6,840.00	6,371.66	6,348.53	280.28	21.16	-59.16	1,384.68	-3,528.53	7,578.07	7,519.28	58.79	128.901		
16,500.00	6,840.00	6,370.02	6,346.93	282.96	21.15	-59.05	1,385.02	-3,528.58	7,677.49	7,618.61	58.89	130.379		
16,600.00	6,840.00	6,368.41	6,345.35	285.64	21.15	-58.94	1,385.35	-3,528.64	7,776.94	7,717.95	58.98	131.853		
16,700.00	6,840.00	6,366.82	6,343.79	288.31	21.14	-58.84	1,385.68	-3,528.69	7,876.39	7,817.31	59.08	133.322		
16,800.00	6,840.00	6,365.25	6,342.27	290.99	21.14	-58.73	1,386.00	-3,528.74	7,975.86	7,916.69	59.17	134.787		
16,900.00	6,840.00	6,363.72	6,340.76	293.67	21.13	-58.63	1,386.32	-3,528.79	8,075.34	8,016.07	59.27	136.248		
17,000.00	6,840.00	6,362.20	6,339.28	296.35	21.13	-58.53	1,386.63	-3,528.84	8,174.83	8,115.47	59.37	137.704		
17,100.00	6,840.00	6,360.71	6,337.82	299.03	21.12	-58.43	1,386.94	-3,528.89	8,274.34	8,214.88	59.46	139.156		
17,200.00	6,840.00	6,359.25	6,336.39	301.71	21.11	-58.34	1,387.25	-3,528.94	8,373.85	8,314.30	59.56	140.604		
17,300.00	6,840.00	6,357.80	6,334.98	304.39	21.11	-58.24	1,387.55	-3,528.99	8,473.38	8,413.73	59.65	142.047		
17,400.00	6,840.00	6,356.38	6,333.59	307.08	21.10	-58.15	1,387.84	-3,529.03	8,572.92	8,513.17	59.75	143.486		
17,500.00	6,840.00	6,354.98	6,332.22	309.76	21.10	-58.06	1,388.14	-3,529.08	8,672.47	8,612.62	59.84	144.920		
17,600.00	6,840.00	6,353.60	6,330.87	312.44	21.09	-57.97	1,388.43	-3,529.12	8,772.02	8,712.08	59.94	146.351		
17,700.00	6,840.00	6,352.24	6,329.55	315.13	21.09	-57.88	1,388.71	-3,529.16	8,871.59	8,811.55	60.03	147.776		
17,800.00	6,840.00	6,350.90	6,328.24	317.81	21.08	-57.79	1,388.99	-3,529.20	8,971.16	8,911.04	60.13	149.198		
17,900.00	6,840.00	6,349.59	6,326.95	320.50	21.08	-57.70	1,389.27	-3,529.24	9,070.75	9,010.52	60.22	150.615		
18,000.00	6,840.00	6,348.29	6,325.68	323.19	21.07	-57.62	1,389.54	-3,529.28	9,170.34	9,110.02	60.32	152.028		
18,100.00	6,840.00	6,347.01	6,324.43	325.87	21.07	-57.53	1,389.81	-3,529.32	9,269.94	9,209.53	60.42	153.436		
18,200.00	6,840.00	6,345.75	6,323.20	328.56	21.06	-57.45	1,390.08	-3,529.36	9,369.55	9,309.04	60.51	154.840		
18,300.00	6,840.00	6,344.50	6,321.99	331.25	21.06	-57.37	1,390.34	-3,529.39	9,469.17	9,408.56	60.61	156.239		
18,400.00	6,840.00	6,343.28	6,320.79	333.94	21.06	-57.29	1,390.60	-3,529.43	9,568.80	9,508.09	60.70	157.634		
18,500.00	6,840.00	6,342.07	6,319.61	336.63	21.05	-57.21	1,390.86	-3,529.47	9,668.43	9,607.63	60.80	159.025		
18,600.00	6,840.00	6,340.88	6,318.45	339.32	21.05	-57.14	1,391.11	-3,529.50	9,768.07	9,707.17	60.89	160.411		
18,700.00	6,840.00	6,339.71	6,317.30	342.01	21.04	-57.06	1,391.36	-3,529.53	9,867.71	9,806.72	60.99	161.793		
18,800.00	6,840.00	6,338.55	6,316.17	344.70	21.04	-56.98	1,391.61	-3,529.57	9,967.37	9,906.28	61.09	163.171		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
0.00	0.00	0.00	0.00	0.00	0.00	-66.35	1,512.46	-3,453.59	3,770.98					
100.00	100.00	25.75	25.75	0.13	0.05	-66.35	1,512.46	-3,453.59	3,770.26	3,770.08	0.18	N/A		
200.00	200.00	124.79	124.79	0.49	0.22	-66.35	1,512.42	-3,453.63	3,770.28	3,769.57	0.71	5,302.126		
300.00	300.00	223.83	223.83	0.85	0.39	-66.35	1,512.34	-3,453.71	3,770.32	3,769.08	1.24	3,033.916		
400.00	399.98	322.85	322.85	1.21	0.56	-21.74	1,512.22	-3,453.84	3,768.77	3,767.00	1.77	2,125.865		
500.00	499.84	421.75	421.75	1.57	0.74	-21.81	1,512.05	-3,454.02	3,764.01	3,761.70	2.31	1,632.409		
600.00	599.45	520.41	520.41	1.94	0.91	-21.92	1,511.84	-3,454.24	3,756.03	3,753.19	2.84	1,321.775		
700.00	698.70	618.71	618.71	2.32	1.08	-22.08	1,511.58	-3,454.51	3,744.87	3,741.49	3.38	1,107.736		
800.00	797.47	716.53	716.53	2.73	1.25	-22.29	1,511.28	-3,454.83	3,730.53	3,726.61	3.92	950.778		
900.00	895.62	813.75	813.74	3.16	1.42	-22.54	1,510.94	-3,455.18	3,713.04	3,708.57	4.47	830.320		
1,000.00	993.06	897.19	897.19	3.63	1.61	-22.82	1,510.76	-3,455.68	3,692.65	3,687.60	5.05	731.749		
1,100.00	1,089.64	982.71	982.70	4.14	1.80	-23.15	1,510.70	-3,456.40	3,669.43	3,663.80	5.63	652.324		
1,200.00	1,185.27	1,067.54	1,067.53	4.70	1.98	-23.53	1,510.78	-3,457.33	3,643.42	3,637.20	6.21	586.340		
1,300.00	1,279.82	1,151.60	1,151.58	5.30	2.16	-23.96	1,510.99	-3,458.47	3,614.66	3,607.85	6.81	530.480		
1,400.00	1,373.17	1,234.81	1,234.78	5.96	2.34	-24.44	1,511.34	-3,459.81	3,583.19	3,575.76	7.43	482.446		
1,500.00	1,465.21	1,317.09	1,317.04	6.67	2.51	-24.97	1,511.82	-3,461.34	3,549.06	3,541.00	8.06	440.594		
1,600.00	1,555.84	1,396.56	1,396.49	7.44	2.69	-25.56	1,512.40	-3,463.04	3,512.33	3,503.63	8.70	403.670		
1,700.00	1,645.41	1,475.38	1,475.28	8.26	2.87	-25.91	1,513.09	-3,464.97	3,473.94	3,464.58	9.36	371.096		
1,800.00	1,734.94	1,554.40	1,554.27	9.09	3.04	-26.19	1,513.90	-3,467.15	3,435.88	3,425.85	10.03	342.567		
1,900.00	1,824.47	1,633.65	1,633.47	9.94	3.22	-26.48	1,514.83	-3,469.57	3,398.23	3,387.51	10.71	317.246		
2,000.00	1,913.99	1,713.13	1,712.90	10.80	3.40	-26.77	1,515.88	-3,472.24	3,360.98	3,349.57	11.41	294.680		
2,100.00	2,003.52	1,792.84	1,792.55	11.66	3.58	-27.06	1,517.04	-3,475.17	3,324.14	3,312.03	12.11	274.483		
2,200.00	2,093.05	1,879.85	1,879.48	12.53	3.80	-27.39	1,518.45	-3,478.60	3,287.69	3,274.82	12.86	255.557		
2,300.00	2,182.58	1,963.56	1,963.11	13.40	4.12	-27.78	1,520.28	-3,482.41	3,251.16	3,237.44	13.72	236.993		
2,400.00	2,272.11	2,047.08	2,046.55	14.28	4.43	-28.18	1,522.28	-3,485.73	3,214.39	3,199.81	14.58	220.488		
2,500.00	2,361.63	2,130.40	2,129.81	15.16	4.75	-28.58	1,524.43	-3,488.56	3,177.37	3,161.93	15.44	205.724		
2,600.00	2,451.16	2,213.53	2,212.89	16.04	5.07	-28.99	1,526.74	-3,490.92	3,140.12	3,123.80	16.32	192.444		
2,700.00	2,540.69	2,296.45	2,295.76	16.92	5.38	-29.40	1,529.21	-3,492.79	3,102.63	3,085.43	17.20	180.437		
2,800.00	2,630.22	2,379.95	2,379.23	17.81	5.67	-29.74	1,531.28	-3,494.28	3,065.23	3,047.17	18.06	169.691		
2,900.00	2,719.75	2,463.77	2,463.00	18.70	5.96	-30.10	1,533.47	-3,495.92	3,028.06	3,009.12	18.94	159.845		
3,000.00	2,809.28	2,548.68	2,547.87	19.58	6.25	-30.46	1,535.71	-3,497.67	2,991.14	2,971.30	19.83	150.818		
3,100.00	2,898.80	2,632.69	2,631.83	20.47	6.54	-30.84	1,537.99	-3,499.54	2,954.46	2,933.73	20.73	142.515		
3,200.00	2,988.33	2,717.80	2,716.88	21.36	6.83	-31.23	1,540.31	-3,501.51	2,918.03	2,896.39	21.64	134.857		
3,300.00	3,077.86	2,802.80	2,801.83	22.26	7.12	-31.62	1,542.71	-3,503.62	2,881.85	2,859.30	22.56	127.751		
3,400.00	3,167.39	3,011.06	3,010.03	23.15	7.45	-32.07	1,545.28	-3,505.86	2,845.79	2,822.27	23.51	121.025		
3,500.00	3,256.92	3,106.01	3,104.92	24.04	7.78	-32.52	1,547.79	-3,507.97	2,809.74	2,785.26	24.48	114.785		
3,600.00	3,346.44	3,200.85	3,199.70	24.93	8.10	-32.98	1,550.25	-3,509.96	2,773.71	2,748.26	25.45	108.980		
3,700.00	3,435.97	3,295.57	3,294.38	25.83	8.43	-33.46	1,552.65	-3,511.83	2,737.71	2,711.28	26.43	103.567		
3,800.00	3,525.50	3,390.18	3,388.94	26.72	8.76	-33.94	1,555.00	-3,513.57	2,701.76	2,674.33	27.43	98.508		
3,900.00	3,615.03	3,484.68	3,483.39	27.62	9.08	-34.44	1,557.29	-3,515.18	2,665.84	2,637.41	28.43	93.772		
4,000.00	3,704.56	3,575.88	3,574.56	28.51	9.40	-34.95	1,559.22	-3,516.77	2,630.06	2,600.62	29.44	89.326		
4,100.00	3,794.09	3,667.94	3,666.59	29.41	9.72	-35.47	1,560.93	-3,518.36	2,594.42	2,563.95	30.47	85.147		
4,200.00	3,883.61	3,759.83	3,758.46	30.30	10.04	-36.02	1,562.38	-3,519.95	2,558.92	2,527.41	31.51	81.212		
4,300.00	3,973.14	3,851.55	3,850.16	31.20	10.36	-36.58	1,563.57	-3,521.55	2,523.60	2,491.04	32.56	77.500		
4,400.00	4,062.67	3,943.10	3,941.69	32.10	10.68	-37.16	1,564.49	-3,523.15	2,488.47	2,454.84	33.63	73.996		
4,500.00	4,152.20	4,033.21	4,031.78	32.99	11.00	-37.76	1,565.19	-3,524.74	2,453.56	2,418.85	34.71	70.686		
4,600.00	4,241.73	4,122.59	4,121.14	33.89	11.31	-38.37	1,565.81	-3,526.37	2,418.93	2,383.13	35.81	67.557		
4,700.00	4,331.26	4,211.96	4,210.49	34.79	11.63	-38.99	1,566.36	-3,528.04	2,384.62	2,347.70	36.92	64.595		
4,800.00	4,420.78	4,301.31	4,299.83	35.69	11.94	-39.63	1,566.85	-3,529.75	2,350.62	2,312.57	38.04	61.788		
4,900.00	4,510.31	4,390.65	4,389.15	36.58	12.25	-40.30	1,567.27	-3,531.51	2,316.96	2,277.77	39.19	59.126		
5,000.00	4,599.84	4,479.97	4,478.45	37.48	12.57	-40.98	1,567.64	-3,533.31	2,283.65	2,243.30	40.35	56.600		
5,100.00	4,689.37	4,571.54	4,570.00	38.38	12.89	-41.70	1,567.90	-3,535.19	2,250.68	2,209.15	41.53	54.195		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,200.00	4,778.90	4,664.55	4,662.99	39.28	13.21	-42.46	1,567.86	-3,537.01	2,217.96	2,175.23	42.73	51.902		
5,300.00	4,868.42	4,757.27	4,755.70	40.18	13.54	-43.24	1,567.50	-3,538.75	2,185.50	2,141.54	43.96	49.718		
5,400.00	4,957.95	4,849.89	4,848.30	41.07	13.86	-44.06	1,566.87	-3,540.39	2,153.32	2,108.12	45.20	47.639		
5,500.00	5,047.48	4,942.41	4,940.81	41.97	14.17	-44.90	1,566.14	-3,541.92	2,121.45	2,074.99	46.46	45.658		
5,600.00	5,137.01	5,034.80	5,033.18	42.87	14.49	-45.76	1,565.32	-3,543.34	2,089.91	2,042.16	47.75	43.770		
5,700.00	5,226.54	5,064.62	5,062.90	43.77	14.59	-46.10	1,563.12	-3,544.33	2,060.15	2,011.21	48.94	42.094		
5,800.00	5,316.07	5,109.00	5,106.90	44.67	14.74	-46.66	1,557.99	-3,546.95	2,033.32	1,983.14	50.18	40.517		
5,900.00	5,405.59	5,184.02	5,181.07	45.57	15.00	-47.64	1,548.08	-3,552.26	2,008.50	1,956.94	51.56	38.953		
6,000.00	5,495.12	5,268.00	5,263.96	46.47	15.28	-48.79	1,535.99	-3,558.25	1,984.74	1,931.73	53.01	37.442		
6,100.00	5,584.65	5,323.12	5,318.17	47.37	15.47	-49.58	1,527.08	-3,562.75	1,962.95	1,908.61	54.35	36.118		
6,200.00	5,674.18	5,388.17	5,381.89	48.27	15.70	-50.56	1,515.44	-3,568.71	1,943.36	1,887.61	55.75	34.856		
6,300.00	5,763.71	5,459.94	5,451.81	49.16	15.95	-51.69	1,500.89	-3,575.80	1,925.85	1,868.63	57.22	33.654		
6,400.00	5,853.23	5,605.56	5,594.22	50.06	16.48	-53.98	1,473.26	-3,588.29	1,908.42	1,849.25	59.17	32.256		
6,500.00	5,942.76	5,674.55	5,662.00	50.96	16.73	-55.05	1,461.52	-3,593.55	1,891.36	1,830.72	60.64	31.188		
6,600.00	6,032.29	5,794.72	5,780.32	51.86	17.18	-56.90	1,442.58	-3,602.70	1,875.43	1,813.00	62.43	30.041		
6,700.00	6,121.82	5,866.18	5,850.76	52.76	17.45	-58.01	1,431.55	-3,607.57	1,860.04	1,796.11	63.94	29.092		
6,800.00	6,211.35	5,968.46	5,951.65	53.66	17.83	-59.60	1,416.48	-3,614.95	1,846.16	1,780.53	65.63	28.129		
6,900.00	6,300.88	6,065.55	6,047.56	54.56	18.20	-61.12	1,402.78	-3,621.19	1,832.78	1,765.48	67.30	27.234		
7,000.00	6,390.40	6,166.13	6,147.06	55.46	18.58	-62.69	1,389.32	-3,627.05	1,820.02	1,751.04	68.98	26.384		
7,100.00	6,479.90	6,238.80	6,219.06	56.36	18.86	-62.16	1,380.59	-3,631.62	1,808.53	1,738.05	70.49	25.658		
7,200.00	6,565.62	6,342.17	6,321.43	57.41	19.26	-53.53	1,367.85	-3,638.13	1,788.42	1,716.14	72.28	24.743		
7,300.00	6,643.25	6,431.16	6,409.66	58.67	19.60	-49.94	1,357.23	-3,642.89	1,753.05	1,678.92	74.13	23.647		
7,400.00	6,710.45	6,484.48	6,462.50	60.11	19.80	-49.24	1,350.70	-3,645.81	1,704.74	1,628.84	75.90	22.461		
7,500.00	6,765.16	6,528.43	6,506.02	61.71	19.97	-51.26	1,345.10	-3,648.41	1,645.36	1,567.65	77.71	21.172		
7,600.00	6,805.74	6,576.58	6,553.65	63.40	20.16	-56.62	1,338.81	-3,651.37	1,576.54	1,496.88	79.66	19.791		
7,700.00	6,830.93	6,613.13	6,589.85	65.14	20.30	-65.37	1,334.13	-3,653.46	1,499.99	1,418.39	81.60	18.382		
7,800.00	6,839.98	6,626.57	6,603.16	66.86	20.35	-77.11	1,332.41	-3,654.21	1,418.14	1,334.73	83.41	17.003		
7,900.00	6,840.00	6,632.23	6,608.76	68.58	20.37	-78.20	1,331.69	-3,654.52	1,335.23	1,250.00	85.23	15.667		
8,000.00	6,840.00	6,637.82	6,614.30	70.35	20.40	-78.62	1,330.97	-3,654.83	1,254.79	1,167.58	87.21	14.388		
8,100.00	6,840.00	6,643.36	6,619.78	72.18	20.42	-79.03	1,330.26	-3,655.13	1,177.33	1,087.97	89.35	13.176		
8,200.00	6,840.00	6,648.85	6,625.22	74.06	20.44	-79.44	1,329.56	-3,655.43	1,103.46	1,011.82	91.64	12.041		
8,300.00	6,840.00	6,654.30	6,630.61	75.98	20.46	-79.84	1,328.86	-3,655.72	1,033.98	939.93	94.04	10.995		
8,400.00	6,840.00	6,659.69	6,635.96	77.96	20.48	-80.24	1,328.17	-3,656.01	969.81	873.33	96.48	10.052		
8,500.00	6,840.00	6,665.05	6,641.26	79.97	20.50	-80.64	1,327.48	-3,656.30	912.08	813.25	98.83	9.229		
8,600.00	6,840.00	6,670.46	6,646.62	82.03	20.52	-81.05	1,326.78	-3,656.59	862.09	761.16	100.93	8.542		
8,700.00	6,840.00	6,676.10	6,652.20	84.12	20.54	-81.47	1,326.06	-3,656.88	821.24	718.70	102.55	8.008		
8,800.00	6,840.00	6,681.60	6,657.65	86.25	20.57	-81.88	1,325.36	-3,657.17	790.97	687.55	103.42	7.648		
8,900.00	6,840.00	6,686.97	6,662.96	88.41	20.59	-82.28	1,324.67	-3,657.45	772.50	669.20	103.30	7.478 SF		
8,994.72	6,840.00	6,691.94	6,667.89	90.49	20.61	-82.65	1,324.03	-3,657.70	766.69	664.54	102.15	7.505 CC, ES		
9,000.00	6,840.00	6,692.21	6,668.16	90.60	20.61	-82.67	1,324.00	-3,657.71	766.71	664.65	102.06	7.512		
9,100.00	6,840.00	6,697.34	6,673.24	92.82	20.63	-83.05	1,323.35	-3,657.97	773.87	674.16	99.71	7.761		
9,200.00	6,840.00	6,702.34	6,678.20	95.07	20.65	-83.42	1,322.71	-3,658.22	793.63	697.18	96.45	8.228		
9,300.00	6,840.00	6,707.24	6,683.05	97.34	20.66	-83.79	1,322.09	-3,658.46	825.09	732.50	92.59	8.911		
9,400.00	6,840.00	6,712.03	6,687.79	99.64	20.68	-84.15	1,321.48	-3,658.70	866.98	778.52	88.46	9.801		
9,500.00	6,840.00	6,716.71	6,692.43	101.95	20.70	-84.50	1,320.89	-3,658.92	917.88	833.53	84.34	10.883		
9,600.00	6,840.00	6,721.29	6,696.96	104.29	20.72	-84.84	1,320.31	-3,659.14	976.37	895.92	80.45	12.137		
9,700.00	6,840.00	6,725.77	6,701.40	106.64	20.74	-85.17	1,319.74	-3,659.35	1,041.17	964.28	76.89	13.541		
9,800.00	6,840.00	6,730.15	6,705.75	109.02	20.75	-85.50	1,319.19	-3,659.56	1,111.19	1,037.46	73.73	15.071		
9,900.00	6,840.00	6,734.60	6,710.15	111.41	20.77	-85.83	1,318.63	-3,659.76	1,185.50	1,114.52	70.98	16.702		
10,000.00	6,840.00	6,739.20	6,714.72	113.81	20.79	-86.17	1,318.06	-3,659.97	1,263.35	1,194.73	68.62	18.411		
10,100.00	6,840.00	6,743.66	6,719.13	116.23	20.80	-86.50	1,317.50	-3,660.17	1,344.11	1,277.51	66.61	20.180		
10,200.00	6,840.00	6,747.96	6,723.40	118.67	20.82	-86.82	1,316.98	-3,660.36	1,427.30	1,362.40	64.90	21.992		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,300.00	6,840.00	6,752.13	6,727.54	121.11	20.84	-87.13	1,316.47	-3,660.54	1,512.51	1,449.05	63.47	23.831		
10,400.00	6,840.00	6,756.17	6,731.54	123.57	20.85	-87.43	1,315.98	-3,660.71	1,599.43	1,537.16	62.27	25.687		
10,500.00	6,840.00	6,760.08	6,735.42	126.04	20.87	-87.72	1,315.51	-3,660.87	1,687.79	1,626.52	61.26	27.549		
10,600.00	6,840.00	6,763.87	6,739.18	128.52	20.88	-88.00	1,315.06	-3,661.03	1,777.37	1,716.94	60.43	29.412		
10,700.00	6,840.00	6,767.54	6,742.82	131.01	20.90	-88.28	1,314.63	-3,661.18	1,868.00	1,808.26	59.74	31.270		
10,800.00	6,840.00	6,771.10	6,746.36	133.51	20.91	-88.54	1,314.21	-3,661.32	1,959.53	1,900.37	59.17	33.120		
10,900.00	6,840.00	6,774.56	6,749.79	136.02	20.92	-88.80	1,313.81	-3,661.46	2,051.85	1,993.16	58.69	34.959		
11,000.00	6,840.00	6,777.92	6,753.13	138.53	20.94	-89.04	1,313.42	-3,661.59	2,144.85	2,086.55	58.31	36.785		
11,100.00	6,840.00	6,781.19	6,756.37	141.06	20.95	-89.28	1,313.04	-3,661.71	2,238.45	2,180.46	57.99	38.598		
11,200.00	6,840.00	6,784.36	6,759.52	143.59	20.96	-89.52	1,312.68	-3,661.83	2,332.58	2,274.84	57.74	40.398		
11,300.00	6,840.00	6,787.44	6,762.58	146.13	20.97	-89.75	1,312.33	-3,661.95	2,427.17	2,369.63	57.54	42.184		
11,400.00	6,840.00	6,790.44	6,765.56	148.68	20.98	-89.97	1,312.00	-3,662.06	2,522.17	2,464.80	57.38	43.958		
11,500.00	6,840.00	6,793.36	6,768.46	151.23	21.00	-90.18	1,311.67	-3,662.16	2,617.55	2,560.29	57.25	45.718		
11,600.00	6,840.00	6,797.27	6,772.33	153.79	21.01	-90.47	1,311.24	-3,662.30	2,713.25	2,656.07	57.18	47.453		
11,700.00	6,840.00	6,802.66	6,777.69	156.35	21.03	-90.87	1,310.64	-3,662.50	2,809.24	2,752.09	57.15	49.156		
11,800.00	6,840.00	6,808.17	6,783.17	158.92	21.05	-91.27	1,310.04	-3,662.70	2,905.50	2,848.36	57.14	50.845		
11,900.00	6,840.00	6,813.81	6,788.77	161.49	21.07	-91.68	1,309.43	-3,662.90	3,001.99	2,944.84	57.16	52.521		
12,000.00	6,840.00	6,819.57	6,794.49	164.07	21.09	-92.10	1,308.82	-3,663.12	3,098.71	3,041.52	57.19	54.183		
12,100.00	6,840.00	6,825.46	6,800.34	166.66	21.12	-92.53	1,308.20	-3,663.34	3,195.61	3,138.38	57.24	55.832		
12,200.00	6,840.00	6,831.49	6,806.33	169.25	21.14	-92.97	1,307.57	-3,663.57	3,292.70	3,235.40	57.30	57.468		
12,300.00	6,840.00	6,837.65	6,812.46	171.84	21.16	-93.42	1,306.93	-3,663.81	3,389.95	3,332.58	57.37	59.093		
12,400.00	6,840.00	6,843.96	6,818.73	174.44	21.19	-93.88	1,306.29	-3,664.05	3,487.34	3,429.90	57.45	60.706		
12,500.00	6,840.00	6,850.42	6,825.15	177.04	21.21	-94.34	1,305.64	-3,664.31	3,584.88	3,527.34	57.54	62.307		
12,600.00	6,840.00	12,600.00	6,865.09	179.64	43.11	-97.22	1,302.01	-3,666.13	3,682.40	3,602.81	79.59	46.268		
12,700.00	6,840.00	6,934.21	6,908.52	182.25	21.53	-100.28	1,298.33	-3,668.26	3,780.23	3,721.68	58.55	64.560		
12,800.00	6,840.00	6,944.95	6,919.22	184.86	21.57	-101.02	1,297.60	-3,668.84	3,878.02	3,819.33	58.69	66.072		
12,900.00	6,840.00	6,955.78	6,930.02	187.47	21.61	-101.76	1,296.92	-3,669.42	3,975.91	3,917.07	58.84	67.574		
13,000.00	6,840.00	6,966.71	6,940.92	190.09	21.65	-102.51	1,296.30	-3,670.02	4,073.88	4,014.90	58.99	69.066		
13,100.00	6,840.00	6,977.74	6,951.91	192.71	21.69	-103.26	1,295.74	-3,670.62	4,171.94	4,112.80	59.14	70.548		
13,200.00	6,840.00	6,988.86	6,963.01	195.34	21.73	-104.02	1,295.24	-3,671.23	4,270.07	4,210.78	59.29	72.020		
13,300.00	6,840.00	7,000.09	6,974.20	197.96	21.78	-104.77	1,294.80	-3,671.85	4,368.28	4,308.83	59.45	73.483		
13,400.00	6,840.00	13,400.00	6,956.60	200.59	45.88	-103.58	1,295.59	-3,670.88	4,466.57	4,383.47	83.10	53.747		
13,500.00	6,840.00	6,997.54	6,971.67	203.22	21.77	-104.60	1,294.87	-3,671.70	4,564.92	4,505.42	59.50	76.720		
13,600.00	6,840.00	7,000.73	6,974.85	205.85	21.78	-104.81	1,294.74	-3,671.87	4,663.35	4,603.76	59.58	78.270		
13,700.00	6,840.00	7,003.87	6,977.98	208.49	21.79	-105.02	1,294.61	-3,672.04	4,761.83	4,702.17	59.66	79.815		
13,800.00	6,840.00	7,006.94	6,981.04	211.13	21.80	-105.23	1,294.48	-3,672.20	4,860.37	4,800.63	59.74	81.355		
13,900.00	6,840.00	7,009.95	6,984.05	213.77	21.81	-105.43	1,294.36	-3,672.35	4,958.97	4,899.14	59.83	82.890		
14,000.00	6,840.00	7,012.91	6,987.00	216.41	21.82	-105.62	1,294.24	-3,672.50	5,057.62	4,997.71	59.91	84.420		
14,100.00	6,840.00	7,015.82	6,989.90	219.06	21.83	-105.82	1,294.12	-3,672.65	5,156.32	5,096.32	60.00	85.945		
14,200.00	6,840.00	7,018.67	6,992.74	221.70	21.84	-106.01	1,294.01	-3,672.79	5,255.06	5,194.98	60.08	87.465		
14,300.00	6,840.00	7,021.46	6,995.54	224.35	21.85	-106.19	1,293.90	-3,672.93	5,353.85	5,293.69	60.17	88.980		
14,400.00	6,840.00	7,024.21	6,998.28	227.00	21.86	-106.37	1,293.79	-3,673.06	5,452.69	5,392.43	60.26	90.491		
14,500.00	6,840.00	7,026.91	7,000.97	229.65	21.87	-106.55	1,293.68	-3,673.20	5,551.56	5,491.21	60.34	91.998		
14,600.00	6,840.00	7,029.56	7,003.62	232.30	21.88	-106.72	1,293.58	-3,673.32	5,650.46	5,590.03	60.43	93.500		
14,700.00	6,840.00	7,032.17	7,006.22	234.96	21.89	-106.89	1,293.48	-3,673.45	5,749.41	5,688.89	60.52	94.997		
14,800.00	6,840.00	7,034.73	7,008.77	237.61	21.90	-107.06	1,293.38	-3,673.57	5,848.39	5,787.77	60.61	96.490		
14,900.00	6,840.00	7,037.24	7,011.28	240.27	21.91	-107.22	1,293.29	-3,673.69	5,947.40	5,886.69	60.70	97.979		
15,000.00	6,840.00	7,051.00	7,025.02	242.93	21.96	-108.12	1,292.78	-3,674.32	6,046.46	5,985.56	60.90	99.292		
15,100.00	6,840.00	7,051.00	7,025.02	245.59	21.96	-108.12	1,292.78	-3,674.32	6,145.52	6,084.55	60.96	100.807		
15,200.00	6,840.00	7,051.00	7,025.02	248.25	21.96	-108.12	1,292.78	-3,674.32	6,244.61	6,183.58	61.03	102.319		
15,300.00	6,840.00	7,051.00	7,025.02	250.92	21.96	-108.12	1,292.78	-3,674.32	6,343.73	6,282.63	61.10	103.826		
15,400.00	6,840.00	7,051.00	7,025.02	253.58	21.96	-108.12	1,292.78	-3,674.32	6,442.88	6,381.71	61.17	105.328		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
15,500.00	6,840.00	7,051.00	7,025.02	256.25	21.96	-108.12	1,292.78	-3,674.32	6,542.05	6,480.81	61.24	106.827	
15,600.00	6,840.00	7,051.00	7,025.02	258.91	21.96	-108.12	1,292.78	-3,674.32	6,641.25	6,579.94	61.31	108.321	
15,700.00	6,840.00	7,051.00	7,025.02	261.58	21.96	-108.12	1,292.78	-3,674.32	6,740.47	6,679.09	61.38	109.811	
15,800.00	6,840.00	7,051.00	7,025.02	264.25	21.96	-108.12	1,292.78	-3,674.32	6,839.72	6,778.26	61.45	111.297	
15,900.00	6,840.00	7,051.00	7,025.02	266.92	21.96	-108.12	1,292.78	-3,674.32	6,938.98	6,877.45	61.53	112.779	
16,000.00	6,840.00	7,051.00	7,025.02	269.59	21.96	-108.12	1,292.78	-3,674.32	7,038.27	6,976.67	61.60	114.256	
16,100.00	6,840.00	7,051.00	7,025.02	272.26	21.96	-108.12	1,292.78	-3,674.32	7,137.58	7,075.90	61.67	115.729	
16,200.00	6,840.00	7,051.00	7,025.02	274.94	21.96	-108.12	1,292.78	-3,674.32	7,236.90	7,175.15	61.75	117.198	
16,300.00	6,840.00	7,051.00	7,025.02	277.61	21.96	-108.12	1,292.78	-3,674.32	7,336.25	7,274.42	61.82	118.662	
16,400.00	6,840.00	7,067.89	7,041.89	280.28	22.02	-109.20	1,292.17	-3,675.04	7,435.56	7,373.52	62.05	119.840	
16,500.00	6,840.00	7,069.58	7,043.57	282.96	22.03	-109.31	1,292.11	-3,675.11	7,534.93	7,472.80	62.14	121.266	
16,600.00	6,840.00	7,071.23	7,045.22	285.64	22.04	-109.41	1,292.05	-3,675.18	7,634.32	7,572.09	62.23	122.688	
16,700.00	6,840.00	7,072.86	7,046.85	288.31	22.04	-109.51	1,292.00	-3,675.25	7,733.72	7,671.40	62.32	124.106	
16,800.00	6,840.00	7,074.46	7,048.45	290.99	22.05	-109.61	1,291.94	-3,675.31	7,833.13	7,770.72	62.41	125.519	
16,900.00	6,840.00	7,076.04	7,050.02	293.67	22.05	-109.71	1,291.89	-3,675.37	7,932.56	7,870.06	62.50	126.929	
17,000.00	6,840.00	7,077.60	7,051.57	296.35	22.06	-109.81	1,291.83	-3,675.43	8,032.00	7,969.41	62.59	128.335	
17,100.00	6,840.00	7,079.12	7,053.10	299.03	22.07	-109.91	1,291.78	-3,675.49	8,131.45	8,068.78	62.68	129.736	
17,200.00	6,840.00	7,080.63	7,054.60	301.71	22.07	-110.00	1,291.73	-3,675.55	8,230.92	8,168.15	62.77	131.134	
17,300.00	6,840.00	7,082.11	7,056.08	304.39	22.08	-110.10	1,291.68	-3,675.61	8,330.40	8,267.54	62.86	132.527	
17,400.00	6,840.00	7,083.57	7,057.54	307.08	22.08	-110.19	1,291.63	-3,675.67	8,429.89	8,366.94	62.95	133.917	
17,500.00	6,840.00	7,085.01	7,058.98	309.76	22.09	-110.28	1,291.58	-3,675.72	8,529.39	8,466.35	63.04	135.302	
17,600.00	6,840.00	7,086.43	7,060.39	312.44	22.09	-110.37	1,291.53	-3,675.77	8,628.91	8,565.78	63.13	136.683	
17,700.00	6,840.00	7,087.82	7,061.79	315.13	22.10	-110.45	1,291.48	-3,675.83	8,728.43	8,665.21	63.22	138.061	
17,800.00	6,840.00	7,089.20	7,063.16	317.81	22.10	-110.54	1,291.44	-3,675.88	8,827.96	8,764.65	63.31	139.434	
17,900.00	6,840.00	7,090.55	7,064.51	320.50	22.11	-110.63	1,291.39	-3,675.93	8,927.51	8,864.10	63.40	140.803	
18,000.00	6,840.00	7,091.88	7,065.84	323.19	22.11	-110.71	1,291.34	-3,675.98	9,027.06	8,963.57	63.50	142.168	
18,100.00	6,840.00	7,093.20	7,067.16	325.87	22.12	-110.79	1,291.30	-3,676.02	9,126.62	9,063.04	63.59	143.529	
18,200.00	6,840.00	7,094.50	7,068.45	328.56	22.12	-110.87	1,291.26	-3,676.07	9,226.20	9,162.52	63.68	144.886	
18,300.00	6,840.00	7,095.77	7,069.73	331.25	22.13	-110.95	1,291.21	-3,676.12	9,325.78	9,262.00	63.77	146.239	
18,400.00	6,840.00	7,115.00	7,088.93	333.94	22.20	-112.13	1,290.58	-3,676.77	9,425.41	9,361.40	64.01	147.255	
18,500.00	6,840.00	7,115.00	7,088.93	336.63	22.20	-112.13	1,290.58	-3,676.77	9,525.00	9,460.91	64.09	148.621	
18,600.00	6,840.00	7,115.00	7,088.93	339.32	22.20	-112.13	1,290.58	-3,676.77	9,624.60	9,560.43	64.17	149.983	
18,700.00	6,840.00	7,115.00	7,088.93	342.01	22.20	-112.13	1,290.58	-3,676.77	9,724.21	9,659.95	64.25	151.341	
18,800.00	6,840.00	7,115.00	7,088.93	344.70	22.20	-112.13	1,290.58	-3,676.77	9,823.82	9,759.49	64.34	152.695	
18,900.00	6,840.00	7,115.00	7,088.93	347.39	22.20	-112.13	1,290.58	-3,676.77	9,923.44	9,859.03	64.42	154.045	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-98.45	-919.47	-6,188.56	6,257.19					
100.00	100.00	6.14	6.14	0.13	0.01	-98.45	-919.47	-6,188.56	6,256.50	6,256.36	0.14	N/A		
200.00	200.00	93.80	93.80	0.49	0.09	-98.45	-919.63	-6,188.64	6,256.61	6,256.03	0.58	N/A		
300.00	300.00	195.65	195.64	0.85	0.23	-98.45	-919.95	-6,188.80	6,256.81	6,255.74	1.08	5,816.047		
400.00	399.98	288.88	288.88	1.21	0.31	-53.85	-920.18	-6,188.98	6,256.01	6,254.50	1.51	4,139.915		
500.00	499.84	415.12	415.12	1.57	0.38	-53.95	-920.59	-6,189.02	6,253.00	6,251.07	1.93	3,238.845		
600.00	599.45	510.40	510.39	1.94	0.43	-54.10	-921.05	-6,188.85	6,247.76	6,245.42	2.35	2,661.048		
700.00	698.70	600.99	600.99	2.32	0.48	-54.30	-921.32	-6,188.82	6,240.61	6,237.85	2.76	2,259.281		
800.00	797.47	692.01	692.00	2.73	0.53	-54.56	-921.44	-6,188.92	6,231.57	6,228.37	3.20	1,948.150		
900.00	895.62	782.82	782.82	3.16	0.57	-54.87	-921.70	-6,189.12	6,220.67	6,217.02	3.65	1,703.590		
1,000.00	993.06	890.92	890.91	3.63	0.62	-55.27	-922.21	-6,189.32	6,207.83	6,203.70	4.13	1,502.624		
1,100.00	1,089.64	995.06	995.05	4.14	0.67	-55.73	-922.65	-6,189.34	6,192.91	6,188.27	4.63	1,336.312		
1,200.00	1,185.27	1,078.57	1,078.57	4.70	0.70	-56.20	-922.87	-6,189.40	6,176.16	6,171.00	5.16	1,197.916		
1,300.00	1,279.82	1,163.99	1,163.98	5.30	0.74	-56.74	-923.03	-6,189.64	6,157.78	6,152.06	5.72	1,076.047		
1,400.00	1,373.17	1,264.89	1,264.88	5.96	0.77	-57.37	-923.24	-6,189.97	6,137.71	6,131.38	6.34	968.508		
1,500.00	1,465.21	1,364.41	1,364.41	6.67	0.80	-58.07	-923.24	-6,190.13	6,115.77	6,108.78	7.00	874.284		
1,600.00	1,555.84	1,451.44	1,451.43	7.44	0.83	-58.78	-923.13	-6,190.27	6,092.20	6,084.50	7.70	791.482		
1,700.00	1,645.41	1,539.24	1,539.23	8.26	0.85	-59.20	-922.83	-6,190.54	6,067.68	6,059.24	8.44	719.034		
1,800.00	1,734.94	1,632.17	1,632.16	9.09	0.87	-59.55	-922.51	-6,190.77	6,043.29	6,034.10	9.20	657.006		
1,900.00	1,824.47	1,718.62	1,718.61	9.94	0.89	-59.87	-922.07	-6,191.01	6,019.13	6,009.16	9.97	603.704		
2,000.00	1,913.99	1,797.26	1,797.25	10.80	0.90	-60.16	-921.60	-6,191.35	5,995.32	5,984.56	10.75	557.515		
2,100.00	2,003.52	1,860.53	1,860.52	11.66	0.92	-60.40	-921.26	-6,191.82	5,972.01	5,960.46	11.55	517.208		
2,200.00	2,093.05	1,926.31	1,926.29	12.53	0.94	-60.65	-921.00	-6,192.59	5,949.34	5,936.98	12.35	481.672		
2,300.00	2,182.58	1,997.17	1,997.14	13.40	0.96	-60.91	-920.79	-6,193.66	5,927.21	5,914.04	13.17	450.120		
2,400.00	2,272.11	2,096.61	2,096.56	14.28	1.00	-61.29	-920.35	-6,195.28	5,905.40	5,891.40	14.00	421.849		
2,500.00	2,361.63	2,176.77	2,176.71	15.16	1.02	-61.59	-919.71	-6,196.66	5,883.82	5,868.99	14.83	396.714		
2,600.00	2,451.16	2,248.09	2,248.01	16.04	1.04	-61.86	-919.02	-6,198.08	5,862.69	5,847.02	15.67	374.159		
2,700.00	2,540.69	2,300.00	2,299.91	16.92	1.06	-62.06	-918.69	-6,199.24	5,842.16	5,825.65	16.51	353.870		
2,800.00	2,630.22	2,366.09	2,365.97	17.81	1.08	-62.32	-918.56	-6,201.03	5,822.34	5,804.98	17.36	335.389		
2,900.00	2,719.75	2,431.42	2,431.27	18.70	1.10	-62.58	-918.77	-6,203.16	5,803.32	5,785.11	18.22	318.571		
3,000.00	2,809.28	2,514.51	2,514.31	19.58	1.13	-62.91	-919.49	-6,205.90	5,784.74	5,765.66	19.08	303.117		
3,100.00	2,898.80	2,587.97	2,587.72	20.47	1.16	-63.20	-920.38	-6,208.43	5,766.63	5,746.68	19.96	288.982		
3,200.00	2,988.33	2,663.86	2,663.55	21.36	1.19	-63.51	-921.51	-6,211.19	5,749.03	5,728.20	20.83	275.975		
3,300.00	3,077.86	2,745.50	2,745.12	22.26	1.21	-63.85	-923.06	-6,214.24	5,731.90	5,710.18	21.72	263.956		
3,400.00	3,167.39	2,846.81	2,846.34	23.15	1.25	-64.27	-925.11	-6,218.02	5,715.08	5,692.47	22.61	252.774		
3,500.00	3,256.92	3,010.36	3,009.78	24.04	1.30	-64.96	-928.88	-6,222.70	5,697.93	5,674.41	23.52	242.216		
3,600.00	3,346.44	3,105.96	3,105.33	24.93	1.33	-65.37	-931.26	-6,224.65	5,680.37	5,655.95	24.42	232.566		
3,700.00	3,435.97	3,214.63	3,213.94	25.83	1.37	-65.84	-934.07	-6,226.44	5,662.80	5,637.47	25.33	223.543		
3,800.00	3,525.50	3,284.73	3,284.02	26.72	1.39	-66.15	-935.83	-6,227.66	5,645.60	5,619.37	26.24	215.186		
3,900.00	3,615.03	3,347.40	3,346.65	27.62	1.41	-66.42	-937.15	-6,229.10	5,629.06	5,601.92	27.14	207.394		
4,000.00	3,704.56	3,413.05	3,412.26	28.51	1.43	-66.69	-937.74	-6,231.24	5,613.27	5,585.21	28.05	200.111		
4,100.00	3,794.09	3,506.10	3,505.23	29.41	1.46	-67.07	-936.98	-6,235.01	5,597.90	5,568.94	28.97	193.252		
4,200.00	3,883.61	3,605.66	3,604.69	30.30	1.49	-67.46	-935.24	-6,239.31	5,582.73	5,552.84	29.89	186.806		
4,300.00	3,973.14	3,736.74	3,735.66	31.20	1.52	-67.99	-933.14	-6,244.11	5,567.26	5,536.45	30.81	180.688		
4,400.00	4,062.67	3,822.53	3,821.39	32.10	1.55	-68.34	-932.05	-6,246.93	5,551.89	5,520.16	31.74	174.943		
4,500.00	4,152.20	3,899.62	3,898.44	32.99	1.57	-68.66	-931.19	-6,249.58	5,536.97	5,504.31	32.66	169.524		
4,600.00	4,241.73	4,017.38	4,016.11	33.89	1.61	-69.14	-929.63	-6,253.58	5,522.22	5,488.62	33.60	164.369		
4,700.00	4,331.26	4,087.72	4,086.41	34.79	1.63	-69.44	-928.84	-6,255.94	5,507.75	5,473.22	34.53	159.516		
4,800.00	4,420.78	4,176.17	4,174.81	35.69	1.66	-69.81	-928.16	-6,258.90	5,493.70	5,458.24	35.47	154.898		
4,900.00	4,510.31	4,276.02	4,274.61	36.58	1.69	-70.23	-927.67	-6,262.06	5,479.89	5,443.48	36.41	150.499		
5,000.00	4,599.84	4,365.64	4,364.19	37.48	1.72	-70.62	-927.42	-6,264.69	5,466.26	5,428.91	37.36	146.322		
5,100.00	4,689.37	4,446.16	4,444.66	38.38	1.74	-70.96	-926.92	-6,267.27	5,453.03	5,414.72	38.30	142.362		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,535.58	4,534.03	39.28	1.77	-71.34	-926.31	-6,270.37	5,440.27	5,401.02	39.25	138.591		
5,300.00	4,868.42	4,640.05	4,638.45	40.18	1.80	-71.80	-925.82	-6,273.59	5,427.57	5,387.36	40.21	134.980		
5,400.00	4,957.95	4,728.88	4,727.24	41.07	1.83	-72.18	-925.24	-6,276.35	5,415.14	5,373.97	41.16	131.549		
5,500.00	5,047.48	4,828.83	4,827.11	41.97	1.86	-72.61	-923.77	-6,279.86	5,403.00	5,360.89	42.12	128.280		
5,600.00	5,137.01	4,936.41	4,934.60	42.87	1.89	-73.06	-921.30	-6,283.55	5,390.74	5,347.67	43.07	125.158		
5,700.00	5,226.54	5,015.96	5,014.07	43.77	1.92	-73.39	-919.38	-6,286.44	5,378.89	5,334.87	44.02	122.182		
5,800.00	5,316.07	5,118.85	5,116.89	44.67	1.95	-73.83	-917.40	-6,289.86	5,367.27	5,322.29	44.98	119.324		
5,900.00	5,405.59	5,213.86	5,211.86	45.57	1.97	-74.25	-916.23	-6,292.54	5,355.85	5,309.90	45.94	116.578		
6,000.00	5,495.12	5,323.07	5,321.03	46.47	2.01	-74.74	-915.46	-6,295.09	5,344.56	5,297.65	46.91	113.934		
6,100.00	5,584.65	5,442.33	5,440.28	47.37	2.05	-75.28	-914.88	-6,297.00	5,333.08	5,285.20	47.88	111.384		
6,200.00	5,674.18	5,550.53	5,548.44	48.27	2.08	-76.23	-912.47	-6,297.57	5,320.42	5,271.60	48.82	108.983		
6,300.00	5,763.71	5,733.95	5,731.85	49.16	2.08	-76.60	-910.64	-6,297.62	5,307.63	5,257.87	49.76	106.655		
6,400.00	5,853.23	5,849.73	5,847.60	50.06	2.09	-77.13	-908.18	-6,296.92	5,294.66	5,243.96	50.70	104.433		
6,500.00	5,942.76	5,928.97	5,926.83	50.96	2.09	-77.50	-907.04	-6,296.17	5,282.09	5,230.44	51.65	102.270		
6,600.00	6,032.29	6,014.12	6,011.97	51.86	2.08	-77.91	-906.24	-6,295.27	5,270.02	5,217.43	52.59	100.204		
6,700.00	6,121.82	6,100.00	6,097.84	52.76	2.07	-78.32	-905.71	-6,293.98	5,258.11	5,204.57	53.54	98.209		
6,800.00	6,211.35	6,165.88	6,163.71	53.66	2.07	-78.64	-905.53	-6,293.05	5,246.85	5,192.35	54.50	96.279		
6,900.00	6,300.88	6,244.12	6,241.95	54.56	2.06	-79.02	-905.60	-6,292.50	5,236.57	5,181.12	55.45	94.439		
7,000.00	6,390.40	6,371.15	6,368.97	55.46	2.05	-79.63	-905.14	-6,291.23	5,226.25	5,169.86	56.39	92.682		
7,100.00	6,479.90	6,459.46	6,457.27	56.36	2.04	-78.44	-904.61	-6,290.07	5,215.84	5,158.50	57.34	90.963		
7,200.00	6,565.62	6,532.08	6,529.89	57.41	2.04	-68.89	-904.12	-6,289.31	5,197.11	5,138.69	58.42	88.969		
7,300.00	6,643.25	6,595.48	6,593.28	58.67	2.04	-64.63	-903.71	-6,288.85	5,165.03	5,105.37	59.67	86.563		
7,400.00	6,710.45	6,716.79	6,714.58	60.11	2.03	-64.58	-902.76	-6,287.54	5,120.31	5,059.26	61.05	83.870		
7,500.00	6,765.16	6,746.52	6,744.31	61.71	2.03	-66.78	-902.50	-6,287.19	5,064.58	5,002.02	62.56	80.957		
7,600.00	6,805.74	6,776.22	6,774.01	63.40	2.03	-71.82	-902.24	-6,286.89	4,999.88	4,935.76	64.12	77.975		
7,700.00	6,830.93	6,794.60	6,792.38	65.14	2.03	-79.70	-902.08	-6,286.74	4,928.13	4,862.44	65.69	75.023		
7,800.00	6,839.98	6,801.51	6,799.30	66.86	2.03	-90.38	-902.02	-6,286.70	4,851.44	4,784.24	67.20	72.189		
7,900.00	6,840.00	6,800.67	6,798.45	68.58	2.03	-90.98	-902.03	-6,286.70	4,773.23	4,704.53	68.70	69.481		
8,000.00	6,840.00	6,800.00	6,797.78	70.35	2.03	-90.97	-902.04	-6,286.71	4,695.84	4,625.59	70.25	66.843		
8,100.00	6,840.00	6,800.00	6,797.78	72.18	2.03	-90.97	-902.04	-6,286.71	4,619.32	4,547.46	71.87	64.277		
8,200.00	6,840.00	6,800.00	6,797.78	74.06	2.03	-90.97	-902.04	-6,286.71	4,543.71	4,470.17	73.54	61.784		
8,300.00	6,840.00	6,800.00	6,797.78	75.98	2.03	-90.97	-902.04	-6,286.71	4,469.07	4,393.79	75.28	59.366		
8,400.00	6,840.00	6,800.00	6,797.78	77.96	2.03	-90.97	-902.04	-6,286.71	4,395.42	4,318.34	77.08	57.022		
8,500.00	6,840.00	6,797.14	6,794.93	79.97	2.03	-90.92	-902.06	-6,286.73	4,322.84	4,243.89	78.95	54.754		
8,600.00	6,840.00	6,796.57	6,794.36	82.03	2.03	-90.91	-902.07	-6,286.73	4,251.37	4,170.49	80.88	52.563		
8,700.00	6,840.00	6,796.00	6,793.78	84.12	2.03	-90.89	-902.07	-6,286.73	4,181.07	4,098.19	82.88	50.449		
8,800.00	6,840.00	6,795.42	6,793.20	86.25	2.03	-90.88	-902.08	-6,286.74	4,112.00	4,027.06	84.94	48.412		
8,900.00	6,840.00	6,794.82	6,792.61	88.41	2.03	-90.87	-902.08	-6,286.74	4,044.23	3,957.16	87.06	46.452		
9,000.00	6,840.00	6,794.23	6,792.01	90.60	2.03	-90.86	-902.09	-6,286.75	3,977.81	3,888.56	89.25	44.569		
9,100.00	6,840.00	6,793.62	6,791.40	92.82	2.03	-90.85	-902.09	-6,286.75	3,912.82	3,821.32	91.50	42.763		
9,200.00	6,840.00	6,793.01	6,790.79	95.07	2.03	-90.84	-902.10	-6,286.76	3,849.33	3,755.52	93.81	41.033		
9,300.00	6,840.00	6,792.38	6,790.17	97.34	2.03	-90.82	-902.10	-6,286.76	3,787.42	3,691.24	96.18	39.378		
9,400.00	6,840.00	6,791.75	6,789.54	99.64	2.03	-90.81	-902.11	-6,286.77	3,727.16	3,628.56	98.61	37.799		
9,500.00	6,840.00	6,791.11	6,788.90	101.95	2.03	-90.80	-902.11	-6,286.77	3,668.64	3,567.56	101.08	36.293		
9,600.00	6,840.00	6,790.46	6,788.25	104.29	2.03	-90.79	-902.12	-6,286.78	3,611.94	3,508.33	103.61	34.861		
9,700.00	6,840.00	6,789.81	6,787.59	106.64	2.03	-90.78	-902.12	-6,286.78	3,557.15	3,450.97	106.18	33.501		
9,800.00	6,840.00	6,789.14	6,786.93	109.02	2.03	-90.76	-902.13	-6,286.79	3,504.36	3,395.57	108.79	32.212		
9,900.00	6,840.00	6,788.47	6,786.25	111.41	2.03	-90.75	-902.13	-6,286.79	3,453.65	3,342.22	111.43	30.994		
10,000.00	6,840.00	6,787.78	6,785.57	113.81	2.03	-90.74	-902.14	-6,286.80	3,405.13	3,291.03	114.10	29.844		
10,100.00	6,840.00	6,787.09	6,784.88	116.23	2.03	-90.72	-902.15	-6,286.80	3,358.88	3,242.10	116.78	28.762		
10,200.00	6,840.00	6,786.39	6,784.17	118.67	2.03	-90.71	-902.15	-6,286.81	3,315.01	3,195.54	119.47	27.747		
10,300.00	6,840.00	6,785.67	6,783.46	121.11	2.03	-90.70	-902.16	-6,286.81	3,273.60	3,151.44	122.17	26.796		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,784.95	6,782.73	123.57	2.03	-90.68	-902.17	-6,286.82	3,234.76	3,109.91	124.85	25.909		
10,500.00	6,840.00	6,784.21	6,782.00	126.04	2.03	-90.67	-902.17	-6,286.83	3,198.57	3,071.06	127.51	25.085		
10,600.00	6,840.00	6,783.47	6,781.26	128.52	2.03	-90.65	-902.18	-6,286.83	3,165.13	3,034.99	130.14	24.322		
10,700.00	6,840.00	6,782.71	6,780.50	131.01	2.03	-90.64	-902.18	-6,286.84	3,134.52	3,001.80	132.72	23.618		
10,800.00	6,840.00	6,781.95	6,779.73	133.51	2.03	-90.63	-902.19	-6,286.84	3,106.83	2,971.59	135.24	22.973		
10,900.00	6,840.00	6,781.17	6,778.96	136.02	2.03	-90.61	-902.20	-6,286.85	3,082.14	2,944.44	137.69	22.384		
11,000.00	6,840.00	6,780.38	6,778.17	138.53	2.03	-90.60	-902.20	-6,286.86	3,060.51	2,920.45	140.06	21.851		
11,100.00	6,840.00	6,779.58	6,777.36	141.06	2.03	-90.58	-902.21	-6,286.86	3,042.03	2,899.69	142.34	21.372		
11,200.00	6,840.00	6,778.76	6,776.55	143.59	2.03	-90.56	-902.22	-6,286.87	3,026.73	2,882.23	144.51	20.946		
11,300.00	6,840.00	6,777.94	6,775.72	146.13	2.03	-90.55	-902.23	-6,286.88	3,014.68	2,868.12	146.55	20.570		
11,400.00	6,840.00	6,777.10	6,774.89	148.68	2.03	-90.53	-902.23	-6,286.89	3,005.90	2,857.43	148.47	20.245		
11,500.00	6,840.00	6,776.25	6,774.03	151.23	2.03	-90.52	-902.24	-6,286.89	3,000.44	2,850.18	150.26	19.969		
11,600.00	6,840.00	6,775.38	6,773.17	153.79	2.03	-90.50	-902.25	-6,286.90	2,998.30	2,846.41	151.89	19.740		
11,614.16	6,840.00	6,775.26	6,773.05	154.15	2.03	-90.50	-902.25	-6,286.90	2,998.26	2,846.15	152.11	19.711 CC		
11,700.00	6,840.00	6,774.50	6,772.29	156.35	2.03	-90.48	-902.26	-6,286.91	2,999.49	2,846.12	153.37	19.557 ES		
11,800.00	6,840.00	6,773.61	6,771.40	158.92	2.03	-90.47	-902.26	-6,286.92	3,004.02	2,849.32	154.70	19.418		
11,900.00	6,840.00	6,772.70	6,770.49	161.49	2.03	-90.45	-902.27	-6,286.93	3,011.86	2,855.99	155.87	19.323		
12,000.00	6,840.00	6,771.78	6,769.57	164.07	2.03	-90.43	-902.28	-6,286.93	3,022.99	2,866.12	156.87	19.271		
12,100.00	6,840.00	6,770.85	6,768.63	166.66	2.03	-90.41	-902.29	-6,286.94	3,037.37	2,879.66	157.71	19.259 SF		
12,200.00	6,840.00	6,769.89	6,767.68	169.25	2.03	-90.40	-902.30	-6,286.95	3,054.96	2,896.57	158.39	19.288		
12,300.00	6,840.00	6,768.93	6,766.71	171.84	2.03	-90.38	-902.30	-6,286.96	3,075.70	2,916.79	158.91	19.355		
12,400.00	6,840.00	6,767.94	6,765.73	174.44	2.03	-90.36	-902.31	-6,286.97	3,099.53	2,940.25	159.28	19.459		
12,500.00	6,840.00	6,766.94	6,764.73	177.04	2.03	-90.34	-902.32	-6,286.98	3,126.38	2,966.87	159.50	19.601		
12,600.00	6,840.00	6,765.93	6,763.71	179.64	2.03	-90.32	-902.33	-6,286.99	3,156.17	2,996.58	159.59	19.777		
12,700.00	6,840.00	6,764.89	6,762.68	182.25	2.03	-90.30	-902.34	-6,287.00	3,188.81	3,029.28	159.53	19.988		
12,800.00	6,840.00	6,763.84	6,761.63	184.86	2.03	-90.28	-902.35	-6,287.01	3,224.23	3,064.88	159.36	20.233		
12,900.00	6,840.00	6,762.77	6,760.56	187.47	2.03	-90.26	-902.36	-6,287.02	3,262.34	3,103.27	159.07	20.509		
13,000.00	6,840.00	6,761.68	6,759.47	190.09	2.03	-90.24	-902.37	-6,287.03	3,303.03	3,144.36	158.67	20.817		
13,100.00	6,840.00	6,760.57	6,758.36	192.71	2.03	-90.22	-902.38	-6,287.04	3,346.21	3,188.04	158.17	21.156		
13,200.00	6,840.00	6,759.44	6,757.23	195.34	2.03	-90.20	-902.39	-6,287.05	3,391.79	3,234.21	157.58	21.524		
13,300.00	6,840.00	6,758.29	6,756.08	197.96	2.03	-90.17	-902.40	-6,287.07	3,439.68	3,282.76	156.91	21.921		
13,400.00	6,840.00	6,757.12	6,754.91	200.59	2.03	-90.15	-902.41	-6,287.08	3,489.77	3,333.60	156.18	22.345		
13,500.00	6,840.00	6,755.93	6,753.72	203.22	2.03	-90.13	-902.42	-6,287.09	3,541.99	3,386.61	155.37	22.797		
13,600.00	6,840.00	6,754.72	6,752.51	205.85	2.03	-90.11	-902.43	-6,287.10	3,596.22	3,441.70	154.51	23.274		
13,700.00	6,840.00	6,753.48	6,751.27	208.49	2.03	-90.08	-902.44	-6,287.12	3,652.39	3,498.78	153.61	23.777		
13,800.00	6,840.00	6,752.22	6,750.01	211.13	2.03	-90.06	-902.45	-6,287.13	3,710.40	3,557.73	152.66	24.305		
13,900.00	6,840.00	6,750.94	6,748.73	213.77	2.03	-90.03	-902.46	-6,287.14	3,770.17	3,618.49	151.68	24.856		
14,000.00	6,840.00	6,749.63	6,747.42	216.41	2.03	-90.01	-902.47	-6,287.16	3,831.62	3,680.95	150.67	25.430		
14,100.00	6,840.00	6,748.30	6,746.09	219.06	2.03	-89.98	-902.48	-6,287.17	3,894.66	3,745.03	149.64	26.027		
14,200.00	6,840.00	6,746.94	6,744.73	221.70	2.03	-89.96	-902.50	-6,287.19	3,959.23	3,810.64	148.59	26.646		
14,300.00	6,840.00	6,745.56	6,743.34	224.35	2.03	-89.93	-902.51	-6,287.20	4,025.25	3,877.72	147.52	27.285		
14,400.00	6,840.00	6,744.14	6,741.93	227.00	2.03	-89.90	-902.52	-6,287.22	4,092.64	3,946.19	146.45	27.945		
14,500.00	6,840.00	6,742.70	6,740.49	229.65	2.03	-89.88	-902.53	-6,287.24	4,161.35	4,015.98	145.37	28.625		
14,600.00	6,840.00	6,741.23	6,739.02	232.30	2.03	-89.85	-902.55	-6,287.25	4,231.30	4,087.01	144.29	29.324		
14,700.00	6,840.00	6,739.73	6,737.51	234.96	2.03	-89.82	-902.56	-6,287.27	4,302.44	4,159.23	143.21	30.042		
14,800.00	6,840.00	6,738.19	6,735.98	237.61	2.03	-89.79	-902.57	-6,287.29	4,374.71	4,232.58	142.14	30.778		
14,900.00	6,840.00	6,736.63	6,734.42	240.27	2.03	-89.76	-902.59	-6,287.31	4,448.06	4,306.99	141.07	31.531		
15,000.00	6,840.00	6,735.03	6,732.82	242.93	2.03	-89.73	-902.60	-6,287.33	4,522.42	4,382.41	140.01	32.301		
15,100.00	6,840.00	6,733.39	6,731.18	245.59	2.03	-89.70	-902.62	-6,287.35	4,597.76	4,458.80	138.96	33.088		
15,200.00	6,840.00	6,731.73	6,729.52	248.25	2.03	-89.67	-902.63	-6,287.37	4,674.02	4,536.11	137.91	33.891		
15,300.00	6,840.00	6,730.02	6,727.81	250.92	2.03	-89.63	-902.65	-6,287.39	4,751.16	4,614.28	136.89	34.709		
15,400.00	6,840.00	6,728.28	6,726.07	253.58	2.03	-89.60	-902.66	-6,287.41	4,829.14	4,693.27	135.87	35.542		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,726.49	6,724.29	256.25	2.03	-89.57	-902.68	-6,287.43	4,907.92	4,773.05	134.87	36.390		
15,600.00	6,840.00	6,724.67	6,722.46	258.91	2.03	-89.53	-902.69	-6,287.46	4,987.46	4,853.57	133.89	37.252		
15,700.00	6,840.00	6,722.81	6,720.60	261.58	2.03	-89.50	-902.71	-6,287.48	5,067.72	4,934.80	132.92	38.127		
15,800.00	6,840.00	6,720.90	6,718.69	264.25	2.03	-89.46	-902.73	-6,287.51	5,148.67	5,016.71	131.96	39.016		
15,900.00	6,840.00	6,718.95	6,716.74	266.92	2.03	-89.42	-902.74	-6,287.53	5,230.29	5,099.26	131.03	39.918		
16,000.00	6,840.00	6,716.95	6,714.74	269.59	2.03	-89.38	-902.76	-6,287.56	5,312.53	5,182.42	130.11	40.832		
16,100.00	6,840.00	6,714.90	6,712.69	272.26	2.03	-89.34	-902.78	-6,287.59	5,395.36	5,266.16	129.20	41.759		
16,200.00	6,840.00	6,712.80	6,710.59	274.94	2.03	-89.30	-902.80	-6,287.62	5,478.78	5,350.46	128.32	42.697		
16,300.00	6,840.00	6,710.65	6,708.45	277.61	2.03	-89.26	-902.82	-6,287.65	5,562.73	5,435.28	127.45	43.646		
16,400.00	6,840.00	6,708.45	6,706.24	280.28	2.03	-89.22	-902.84	-6,287.68	5,647.21	5,520.62	126.60	44.607		
16,500.00	6,840.00	6,706.19	6,703.98	282.96	2.03	-89.18	-902.86	-6,287.71	5,732.19	5,606.43	125.77	45.579		
16,600.00	6,840.00	6,703.87	6,701.67	285.64	2.03	-89.13	-902.88	-6,287.74	5,817.65	5,692.70	124.95	46.560		
16,700.00	6,840.00	6,701.50	6,699.29	288.31	2.03	-89.09	-902.90	-6,287.78	5,903.56	5,779.41	124.15	47.552		
16,800.00	6,840.00	6,700.00	6,697.79	290.99	2.03	-89.06	-902.91	-6,287.80	5,989.91	5,866.54	123.37	48.553		
16,900.00	6,840.00	6,700.00	6,697.79	293.67	2.03	-89.06	-902.91	-6,287.80	6,076.68	5,954.07	122.61	49.562		
17,000.00	6,840.00	6,700.00	6,697.79	296.35	2.03	-89.06	-902.91	-6,287.80	6,163.85	6,041.99	121.86	50.581		
17,100.00	6,840.00	6,700.00	6,697.79	299.03	2.03	-89.06	-902.91	-6,287.80	6,251.40	6,130.27	121.13	51.608		
17,200.00	6,840.00	6,700.00	6,697.79	301.71	2.03	-89.06	-902.91	-6,287.80	6,339.32	6,218.90	120.42	52.644		
17,300.00	6,840.00	6,700.00	6,697.79	304.39	2.03	-89.06	-902.91	-6,287.80	6,427.60	6,307.87	119.72	53.687		
17,400.00	6,840.00	6,700.00	6,697.79	307.08	2.03	-89.06	-902.91	-6,287.80	6,516.21	6,397.17	119.04	54.739		
17,500.00	6,840.00	6,700.00	6,697.79	309.76	2.03	-89.06	-902.91	-6,287.80	6,605.15	6,486.77	118.37	55.799		
17,600.00	6,840.00	6,700.00	6,697.79	312.44	2.03	-89.06	-902.91	-6,287.80	6,694.40	6,576.67	117.72	56.866		
17,700.00	6,840.00	6,700.00	6,697.79	315.13	2.03	-89.06	-902.91	-6,287.80	6,783.95	6,666.86	117.08	57.940		
17,800.00	6,840.00	6,689.63	6,687.43	317.81	2.03	-88.86	-903.01	-6,287.95	6,873.77	6,757.33	116.44	59.032		
17,900.00	6,840.00	6,688.70	6,686.50	320.50	2.03	-88.84	-903.02	-6,287.96	6,963.89	6,848.06	115.83	60.121		
18,000.00	6,840.00	6,687.78	6,685.58	323.19	2.03	-88.83	-903.02	-6,287.97	7,054.27	6,939.03	115.23	61.217		
18,100.00	6,840.00	6,686.88	6,684.68	325.87	2.03	-88.81	-903.03	-6,287.99	7,144.90	7,030.25	114.65	62.319		
18,200.00	6,840.00	6,685.98	6,683.78	328.56	2.03	-88.79	-903.04	-6,288.00	7,235.79	7,121.71	114.08	63.427		
18,300.00	6,840.00	6,685.10	6,682.90	331.25	2.03	-88.78	-903.05	-6,288.01	7,326.91	7,213.38	113.52	64.542		
18,400.00	6,840.00	6,684.23	6,682.02	333.94	2.03	-88.76	-903.05	-6,288.02	7,418.25	7,305.28	112.98	65.662		
18,500.00	6,840.00	6,683.36	6,681.16	336.63	2.03	-88.74	-903.06	-6,288.03	7,509.82	7,397.38	112.44	66.787		
18,600.00	6,840.00	6,682.51	6,680.31	339.32	2.03	-88.73	-903.07	-6,288.05	7,601.60	7,489.68	111.92	67.919		
18,700.00	6,840.00	6,681.67	6,679.47	342.01	2.03	-88.71	-903.08	-6,288.06	7,693.59	7,582.18	111.41	69.055		
18,800.00	6,840.00	6,680.84	6,678.63	344.70	2.03	-88.69	-903.08	-6,288.07	7,785.77	7,674.86	110.91	70.196		
18,900.00	6,840.00	6,680.02	6,677.81	347.39	2.03	-88.68	-903.09	-6,288.08	7,878.15	7,767.72	110.43	71.342		
19,000.00	6,840.00	6,679.20	6,677.00	350.08	2.03	-88.66	-903.10	-6,288.09	7,970.70	7,860.75	109.95	72.493		
19,100.00	6,840.00	6,678.40	6,676.20	352.77	2.03	-88.65	-903.10	-6,288.10	8,063.44	7,953.95	109.49	73.649		
19,200.00	6,840.00	6,677.60	6,675.40	355.46	2.03	-88.63	-903.11	-6,288.11	8,156.35	8,047.32	109.03	74.808		
19,300.00	6,840.00	6,676.82	6,674.62	358.16	2.03	-88.62	-903.12	-6,288.12	8,249.42	8,140.83	108.58	75.972		
19,400.00	6,840.00	6,676.04	6,673.84	360.85	2.03	-88.60	-903.12	-6,288.13	8,342.65	8,234.50	108.15	77.140		
19,500.00	6,840.00	6,675.27	6,673.07	363.54	2.03	-88.59	-903.13	-6,288.14	8,436.04	8,328.32	107.72	78.312		
19,600.00	6,840.00	6,674.52	6,672.31	366.24	2.03	-88.57	-903.14	-6,288.15	8,529.58	8,422.27	107.31	79.488		
19,700.00	6,840.00	6,673.76	6,671.56	368.93	2.03	-88.56	-903.14	-6,288.16	8,623.26	8,516.36	106.90	80.667		
19,800.00	6,840.00	6,673.02	6,670.82	371.63	2.03	-88.54	-903.15	-6,288.17	8,717.08	8,610.58	106.50	81.850		
19,900.00	6,840.00	6,672.29	6,670.09	374.32	2.03	-88.53	-903.16	-6,288.18	8,811.04	8,704.93	106.11	83.036		
20,000.00	6,840.00	6,671.56	6,669.36	377.02	2.03	-88.52	-903.16	-6,288.19	8,905.13	8,799.40	105.73	84.225		
20,100.00	6,840.00	6,670.84	6,668.64	379.71	2.03	-88.50	-903.17	-6,288.19	8,999.35	8,893.99	105.36	85.417		
20,200.00	6,840.00	6,670.13	6,667.93	382.41	2.03	-88.49	-903.17	-6,288.20	9,093.69	8,988.69	104.99	86.612		
20,300.00	6,840.00	6,669.43	6,667.23	385.11	2.03	-88.48	-903.18	-6,288.21	9,188.15	9,083.51	104.64	87.810		
20,400.00	6,840.00	6,668.74	6,666.53	387.80	2.03	-88.46	-903.18	-6,288.22	9,282.72	9,178.44	104.29	89.011		
20,500.00	6,840.00	6,668.05	6,665.85	390.50	2.03	-88.45	-903.19	-6,288.23	9,377.41	9,273.47	103.95	90.214		
20,600.00	6,840.00	6,667.37	6,665.17	393.20	2.03	-88.44	-903.20	-6,288.24	9,472.21	9,368.60	103.61	91.420		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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					
20,691.67	6,840.00	6,666.75	6,664.55	395.67	2.03	-88.43	-903.20	-6,288.24	9,559.20	9,455.89	103.31	92.527					

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-92.70	-386.99	-8,200.65	8,210.92					
100.00	100.00	0.00	0.00	0.13	0.00	-92.70	-386.99	-8,200.65	8,209.86	8,209.72	0.14	N/A		
200.00	200.00	79.77	79.77	0.49	0.08	-92.70	-386.95	-8,200.57	8,209.71	8,209.13	0.58	N/A		
300.00	300.00	180.75	180.75	0.85	0.20	-92.70	-386.85	-8,200.33	8,209.47	8,208.42	1.05	7,794.105		
400.00	399.98	294.64	294.64	1.21	0.31	-48.10	-386.84	-8,200.01	8,208.03	8,206.51	1.51	5,418.261		
500.00	499.84	381.66	381.66	1.57	0.37	-48.18	-386.79	-8,199.74	8,204.21	8,202.28	1.94	4,235.499		
600.00	599.45	483.74	483.74	1.94	0.44	-48.32	-386.76	-8,199.51	8,198.18	8,195.81	2.37	3,462.714		
700.00	698.70	579.58	579.57	2.32	0.49	-48.50	-386.65	-8,199.28	8,189.80	8,187.01	2.79	2,931.219		
800.00	797.47	677.47	677.46	2.73	0.54	-48.74	-386.44	-8,199.08	8,179.18	8,175.95	3.23	2,531.573		
900.00	895.62	779.94	779.94	3.16	0.59	-49.04	-386.20	-8,198.86	8,166.28	8,162.59	3.68	2,216.709		
1,000.00	993.06	902.60	902.59	3.63	0.65	-49.42	-385.88	-8,198.39	8,150.97	8,146.81	4.17	1,956.501		
1,100.00	1,089.64	1,010.27	1,010.26	4.14	0.70	-49.85	-385.59	-8,197.72	8,133.23	8,128.57	4.66	1,743.774		
1,200.00	1,185.27	1,078.49	1,078.48	4.70	0.73	-50.27	-385.41	-8,197.38	8,113.45	8,108.28	5.17	1,569.370		
1,300.00	1,279.82	1,158.55	1,158.54	5.30	0.76	-50.75	-385.14	-8,197.19	8,091.79	8,086.08	5.71	1,416.924		
1,400.00	1,373.17	1,252.19	1,252.18	5.96	0.79	-51.32	-384.83	-8,197.06	8,068.16	8,061.87	6.29	1,283.316		
1,500.00	1,465.21	1,346.45	1,346.44	6.67	0.82	-51.95	-384.80	-8,196.83	8,042.44	8,035.53	6.91	1,164.573		
1,600.00	1,555.84	1,437.78	1,437.77	7.44	0.86	-52.63	-384.87	-8,196.64	8,014.79	8,007.22	7.57	1,058.322		
1,700.00	1,645.41	1,550.00	1,549.99	8.26	0.90	-53.04	-385.07	-8,196.24	7,985.75	7,977.47	8.28	964.308		
1,800.00	1,734.94	1,638.32	1,638.31	9.09	0.92	-53.28	-385.44	-8,195.66	7,956.54	7,947.54	8.99	884.681		
1,900.00	1,824.47	1,700.00	1,699.99	9.94	0.94	-53.45	-385.77	-8,195.43	7,927.73	7,918.02	9.71	816.391		
2,000.00	1,913.99	1,772.17	1,772.16	10.80	0.95	-53.65	-386.20	-8,195.36	7,899.33	7,888.89	10.44	756.851		
2,100.00	2,003.52	1,835.74	1,835.72	11.66	0.96	-53.82	-386.61	-8,195.44	7,871.31	7,860.14	11.17	704.705		
2,200.00	2,093.05	1,900.00	1,899.98	12.53	0.97	-54.00	-387.06	-8,195.79	7,843.79	7,831.88	11.91	658.646		
2,300.00	2,182.58	1,963.18	1,963.16	13.40	0.98	-54.18	-387.50	-8,196.35	7,816.72	7,804.07	12.66	617.667		
2,400.00	2,272.11	2,172.42	2,172.37	14.28	1.01	-54.77	-389.82	-8,196.15	7,788.69	7,775.27	13.42	580.542		
2,500.00	2,361.63	2,228.45	2,228.39	15.16	1.02	-54.94	-390.74	-8,195.88	7,760.86	7,746.68	14.18	547.142		
2,600.00	2,451.16	2,280.57	2,280.51	16.04	1.03	-55.09	-391.52	-8,195.89	7,733.63	7,718.67	14.96	517.067		
2,700.00	2,540.69	2,339.11	2,339.04	16.92	1.04	-55.26	-392.29	-8,196.19	7,706.96	7,691.23	15.73	489.840		
2,800.00	2,630.22	2,401.89	2,401.82	17.81	1.05	-55.44	-393.02	-8,196.74	7,680.79	7,664.28	16.52	465.078		
2,900.00	2,719.75	2,479.62	2,479.55	18.70	1.06	-55.67	-393.69	-8,197.65	7,655.01	7,637.71	17.30	442.493		
3,000.00	2,809.28	2,562.88	2,562.79	19.58	1.07	-55.90	-394.05	-8,198.78	7,629.52	7,611.43	18.09	421.772		
3,100.00	2,898.80	2,656.94	2,656.85	20.47	1.08	-56.17	-394.11	-8,200.13	7,604.22	7,585.34	18.88	402.691		
3,200.00	2,988.33	2,759.14	2,759.03	21.36	1.09	-56.47	-393.82	-8,201.51	7,578.98	7,559.30	19.68	385.048		
3,300.00	3,077.86	2,867.30	2,867.18	22.26	1.10	-56.78	-393.23	-8,202.81	7,553.73	7,533.24	20.49	368.681		
3,400.00	3,167.39	3,400.00	3,053.48	23.15	1.12	-57.31	-392.13	-8,203.85	7,528.18	7,506.88	21.29	353.589		
3,500.00	3,256.92	3,170.51	3,170.37	24.04	1.14	-57.67	-392.89	-8,202.93	7,501.62	7,479.52	22.10	339.397		
3,600.00	3,346.44	3,235.94	3,235.79	24.93	1.15	-57.87	-393.74	-8,202.47	7,475.45	7,452.52	22.93	325.995		
3,700.00	3,435.97	3,306.77	3,306.61	25.83	1.17	-58.09	-394.77	-8,202.13	7,449.70	7,425.93	23.76	313.492		
3,800.00	3,525.50	3,372.15	3,371.99	26.72	1.18	-58.29	-395.75	-8,202.00	7,424.39	7,399.79	24.60	301.813		
3,900.00	3,615.03	3,435.21	3,435.04	27.62	1.20	-58.49	-396.71	-8,202.08	7,399.57	7,374.13	25.44	290.878		
4,000.00	3,704.56	3,500.00	3,499.82	28.51	1.21	-58.70	-397.75	-8,202.40	7,375.28	7,349.00	26.28	280.624		
4,100.00	3,794.09	3,558.64	3,558.45	29.41	1.22	-58.88	-398.63	-8,202.93	7,351.51	7,324.39	27.13	270.995		
4,200.00	3,883.61	3,626.56	3,626.36	30.30	1.23	-59.09	-399.44	-8,203.82	7,328.27	7,300.29	27.98	261.939		
4,300.00	3,973.14	3,705.27	3,705.06	31.20	1.24	-59.34	-400.08	-8,205.07	7,305.39	7,276.56	28.83	253.404		
4,400.00	4,062.67	3,778.51	3,778.29	32.10	1.25	-59.57	-400.32	-8,206.45	7,282.88	7,253.20	29.69	245.336		
4,500.00	4,152.20	3,870.02	3,869.78	32.99	1.26	-59.85	-400.12	-8,208.41	7,260.69	7,230.15	30.54	237.711		
4,600.00	4,241.73	4,009.23	4,008.96	33.89	1.28	-60.27	-399.31	-8,211.04	7,238.43	7,207.02	31.40	230.499		
4,700.00	4,331.26	4,154.34	4,154.06	34.79	1.30	-60.72	-398.91	-8,212.33	7,215.42	7,183.15	32.27	223.621		
4,800.00	4,420.78	4,234.56	4,234.28	35.69	1.31	-60.97	-398.40	-8,212.92	7,192.49	7,159.35	33.14	217.038		
4,900.00	4,510.31	4,300.00	4,299.70	36.58	1.32	-61.18	-397.52	-8,213.68	7,169.97	7,135.95	34.02	210.774		
5,000.00	4,599.84	4,356.15	4,355.84	37.48	1.33	-61.35	-396.56	-8,214.61	7,148.01	7,113.12	34.90	204.816		
5,100.00	4,689.37	4,413.84	4,413.51	38.38	1.33	-61.52	-395.57	-8,215.90	7,126.72	7,090.93	35.79	199.153		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,900.00	4,899.41	39.28	1.40	-63.06	-386.98	-8,211.87	7,101.36	7,064.77	36.59	194.093		
5,300.00	4,868.42	4,900.00	4,899.41	40.18	1.40	-63.06	-386.98	-8,211.87	7,076.18	7,038.68	37.50	188.699		
5,400.00	4,957.95	4,943.96	4,943.35	41.07	1.41	-63.20	-386.24	-8,210.72	7,051.66	7,013.26	38.40	183.635		
5,500.00	5,047.48	5,000.00	4,999.36	41.97	1.41	-63.37	-384.59	-8,211.05	7,028.97	6,989.68	39.30	178.871		
5,600.00	5,137.01	5,000.00	4,999.36	42.87	1.41	-63.37	-384.59	-8,211.05	7,006.54	6,966.32	40.22	174.225		
5,700.00	5,226.54	5,700.00	5,050.98	43.77	1.55	-63.53	-382.67	-8,211.89	6,985.27	6,944.07	41.20	169.546		
5,800.00	5,316.07	5,243.49	5,242.67	44.67	1.45	-64.12	-375.78	-8,213.05	6,963.22	6,921.22	42.00	165.791		
5,900.00	5,405.59	5,386.16	5,385.29	45.57	1.47	-64.57	-371.67	-8,212.63	6,941.09	6,898.19	42.89	161.827		
6,000.00	5,495.12	5,524.04	5,523.11	46.47	1.49	-65.03	-368.61	-8,210.43	6,918.02	6,874.23	43.79	157.978		
6,100.00	5,584.65	5,595.13	5,594.18	47.37	1.50	-65.27	-367.47	-8,209.09	6,895.14	6,850.43	44.71	154.204		
6,200.00	5,674.18	5,658.45	5,657.49	48.27	1.52	-65.48	-366.85	-8,208.00	6,872.76	6,827.12	45.64	150.574		
6,300.00	5,763.71	5,735.00	5,734.03	49.16	1.53	-65.75	-366.62	-8,206.80	6,850.93	6,804.35	46.57	147.095		
6,400.00	5,853.23	5,821.36	5,820.38	50.06	1.54	-66.06	-366.49	-8,205.37	6,829.29	6,781.78	47.51	143.750		
6,500.00	5,942.76	5,878.37	5,877.39	50.96	1.55	-66.26	-366.52	-8,204.59	6,808.19	6,759.74	48.45	140.517		
6,600.00	6,032.29	5,937.43	5,936.44	51.86	1.56	-66.47	-366.61	-8,204.04	6,787.74	6,738.34	49.39	137.422		
6,700.00	6,121.82	6,000.00	5,999.01	52.76	1.57	-66.69	-366.51	-8,203.82	6,767.91	6,717.57	50.34	134.457		
6,800.00	6,211.35	6,087.47	6,086.48	53.66	1.58	-66.99	-366.14	-8,203.79	6,748.51	6,697.23	51.28	131.606		
6,900.00	6,300.88	6,179.03	6,178.04	54.56	1.60	-67.32	-365.74	-8,203.74	6,729.33	6,677.11	52.22	128.857		
7,000.00	6,390.40	6,265.83	6,264.84	55.46	1.62	-67.63	-365.48	-8,203.65	6,710.39	6,657.22	53.17	126.199		
7,100.00	6,479.90	6,356.34	6,355.35	56.36	1.63	-66.34	-365.24	-8,203.58	6,691.62	6,637.49	54.13	123.630		
7,200.00	6,565.62	6,445.82	6,444.83	57.41	1.65	-65.75	-365.11	-8,203.42	6,663.37	6,608.21	55.16	120.792		
7,300.00	6,643.25	6,525.01	6,524.02	58.67	1.67	-52.35	-365.07	-8,203.22	6,620.23	6,563.92	56.31	117.565		
7,400.00	6,710.45	6,590.92	6,589.93	60.11	1.68	-51.54	-365.10	-8,203.02	6,563.60	6,506.07	57.53	114.094		
7,500.00	6,765.16	6,644.76	6,643.77	61.71	1.69	-53.93	-365.17	-8,202.85	6,495.21	6,436.44	58.77	110.519		
7,600.00	6,805.74	6,684.68	6,683.68	63.40	1.69	-60.01	-365.20	-8,202.74	6,417.16	6,357.16	59.99	106.965		
7,700.00	6,830.93	6,711.39	6,710.40	65.14	1.70	-71.22	-365.22	-8,202.66	6,331.76	6,270.61	61.15	103.545		
7,800.00	6,839.98	6,721.87	6,720.88	66.86	1.70	-89.30	-365.23	-8,202.63	6,241.56	6,179.36	62.20	100.349		
7,900.00	6,840.00	6,721.49	6,720.49	68.58	1.70	-90.41	-365.23	-8,202.63	6,149.85	6,086.66	63.19	97.323		
8,000.00	6,840.00	6,721.08	6,720.08	70.35	1.70	-90.40	-365.23	-8,202.63	6,058.40	5,994.18	64.22	94.341		
8,100.00	6,840.00	6,720.67	6,719.67	72.18	1.70	-90.39	-365.23	-8,202.63	5,967.22	5,901.94	65.29	91.401		
8,200.00	6,840.00	6,720.26	6,719.27	74.06	1.70	-90.38	-365.23	-8,202.63	5,876.34	5,809.94	66.40	88.506		
8,300.00	6,840.00	6,719.86	6,718.87	75.98	1.70	-90.37	-365.23	-8,202.63	5,785.75	5,718.20	67.55	85.656		
8,400.00	6,840.00	6,719.46	6,718.47	77.96	1.70	-90.36	-365.23	-8,202.64	5,695.48	5,626.73	68.74	82.853		
8,500.00	6,840.00	6,719.07	6,718.08	79.97	1.70	-90.35	-365.23	-8,202.64	5,605.53	5,535.55	69.98	80.098		
8,600.00	6,840.00	6,718.68	6,717.68	82.03	1.70	-90.34	-365.23	-8,202.64	5,515.94	5,444.66	71.27	77.392		
8,700.00	6,840.00	6,718.29	6,717.30	84.12	1.70	-90.33	-365.23	-8,202.64	5,426.70	5,354.09	72.61	74.737		
8,800.00	6,840.00	6,717.90	6,716.91	86.25	1.70	-90.32	-365.23	-8,202.64	5,337.85	5,263.85	74.00	72.133		
8,900.00	6,840.00	6,717.52	6,716.53	88.41	1.70	-90.31	-365.23	-8,202.64	5,249.40	5,173.96	75.44	69.581		
9,000.00	6,840.00	6,717.14	6,716.15	90.60	1.70	-90.31	-365.23	-8,202.64	5,161.37	5,084.43	76.94	67.083		
9,100.00	6,840.00	6,716.76	6,715.77	92.82	1.70	-90.30	-365.22	-8,202.64	5,073.79	4,995.29	78.49	64.638		
9,200.00	6,840.00	6,716.39	6,715.40	95.07	1.70	-90.29	-365.22	-8,202.65	4,986.67	4,906.56	80.11	62.249		
9,300.00	6,840.00	6,716.02	6,715.02	97.34	1.70	-90.28	-365.22	-8,202.65	4,900.04	4,818.26	81.78	59.915		
9,400.00	6,840.00	6,715.65	6,714.66	99.64	1.70	-90.27	-365.22	-8,202.65	4,813.94	4,730.41	83.52	57.637		
9,500.00	6,840.00	6,715.28	6,714.29	101.95	1.70	-90.26	-365.22	-8,202.65	4,728.38	4,643.05	85.33	55.415		
9,600.00	6,840.00	6,714.92	6,713.93	104.29	1.70	-90.25	-365.22	-8,202.65	4,643.39	4,556.19	87.20	53.250		
9,700.00	6,840.00	6,714.56	6,713.57	106.64	1.70	-90.25	-365.22	-8,202.65	4,559.02	4,469.88	89.14	51.143		
9,800.00	6,840.00	6,714.20	6,713.21	109.02	1.70	-90.24	-365.22	-8,202.65	4,475.29	4,384.13	91.16	49.094		
9,900.00	6,840.00	6,713.85	6,712.85	111.41	1.70	-90.23	-365.22	-8,202.65	4,392.24	4,298.99	93.25	47.102		
10,000.00	6,840.00	6,713.50	6,712.50	113.81	1.70	-90.22	-365.22	-8,202.65	4,309.91	4,214.49	95.42	45.169		
10,100.00	6,840.00	6,713.15	6,712.15	116.23	1.70	-90.21	-365.22	-8,202.66	4,228.34	4,130.67	97.67	43.294		
10,200.00	6,840.00	6,712.80	6,711.80	118.67	1.70	-90.20	-365.22	-8,202.66	4,147.58	4,047.58	100.00	41.478		
10,300.00	6,840.00	6,712.45	6,711.46	121.11	1.70	-90.20	-365.22	-8,202.66	4,067.67	3,965.26	102.41	39.720		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,712.11	6,711.12	123.57	1.70	-90.19	-365.22	-8,202.66	3,988.67	3,883.76	104.91	38.020		
10,500.00	6,840.00	6,711.77	6,710.78	126.04	1.70	-90.18	-365.22	-8,202.66	3,910.63	3,803.14	107.50	36.379		
10,600.00	6,840.00	6,711.43	6,710.44	128.52	1.70	-90.17	-365.22	-8,202.66	3,833.61	3,723.44	110.18	34.795		
10,700.00	6,840.00	6,711.10	6,710.11	131.01	1.70	-90.16	-365.22	-8,202.66	3,757.68	3,644.73	112.94	33.270		
10,800.00	6,840.00	6,710.77	6,709.77	133.51	1.70	-90.16	-365.22	-8,202.66	3,682.89	3,567.09	115.81	31.803		
10,900.00	6,840.00	6,710.44	6,709.44	136.02	1.70	-90.15	-365.22	-8,202.66	3,609.33	3,490.57	118.76	30.392		
11,000.00	6,840.00	6,710.11	6,709.12	138.53	1.70	-90.14	-365.22	-8,202.67	3,537.06	3,415.26	121.80	29.039		
11,100.00	6,840.00	6,709.78	6,708.79	141.06	1.70	-90.13	-365.22	-8,202.67	3,466.17	3,341.23	124.94	27.743		
11,200.00	6,840.00	6,709.46	6,708.47	143.59	1.70	-90.13	-365.22	-8,202.67	3,396.75	3,268.58	128.16	26.503		
11,300.00	6,840.00	6,709.14	6,708.15	146.13	1.70	-90.12	-365.22	-8,202.67	3,328.88	3,197.40	131.48	25.319		
11,400.00	6,840.00	6,708.82	6,707.83	148.68	1.70	-90.11	-365.22	-8,202.67	3,262.67	3,127.79	134.88	24.190		
11,500.00	6,840.00	6,708.50	6,707.51	151.23	1.70	-90.10	-365.22	-8,202.67	3,198.21	3,059.86	138.35	23.116		
11,600.00	6,840.00	6,708.19	6,707.20	153.79	1.70	-90.10	-365.22	-8,202.67	3,135.62	2,993.71	141.90	22.097		
11,700.00	6,840.00	6,707.88	6,706.88	156.35	1.70	-90.09	-365.22	-8,202.67	3,075.00	2,929.48	145.52	21.131		
11,800.00	6,840.00	6,707.57	6,706.57	158.92	1.70	-90.08	-365.22	-8,202.67	3,016.49	2,867.30	149.19	20.219		
11,900.00	6,840.00	6,707.26	6,706.27	161.49	1.70	-90.08	-365.22	-8,202.67	2,960.19	2,807.28	152.91	19.359		
12,000.00	6,840.00	6,706.96	6,705.96	164.07	1.70	-90.07	-365.22	-8,202.67	2,906.25	2,749.59	156.66	18.551		
12,100.00	6,840.00	6,706.65	6,705.66	166.66	1.70	-90.06	-365.22	-8,202.68	2,854.79	2,694.36	160.43	17.795		
12,200.00	6,840.00	6,706.35	6,705.36	169.25	1.70	-90.05	-365.22	-8,202.68	2,805.96	2,641.76	164.20	17.089		
12,300.00	6,840.00	6,706.05	6,705.06	171.84	1.70	-90.05	-365.22	-8,202.68	2,759.88	2,591.93	167.95	16.433		
12,400.00	6,840.00	6,705.76	6,704.77	174.44	1.70	-90.04	-365.22	-8,202.68	2,716.70	2,545.04	171.66	15.826		
12,500.00	6,840.00	6,705.49	6,704.49	177.04	1.70	-90.03	-365.22	-8,202.68	2,676.57	2,501.26	175.31	15.268		
12,600.00	6,840.00	6,705.21	6,704.22	179.64	1.70	-90.03	-365.22	-8,202.68	2,639.62	2,460.75	178.87	14.758		
12,700.00	6,840.00	6,704.94	6,703.94	182.25	1.70	-90.02	-365.22	-8,202.68	2,605.98	2,423.67	182.31	14.294		
12,800.00	6,840.00	6,704.66	6,703.67	184.86	1.70	-90.02	-365.22	-8,202.68	2,575.78	2,390.17	185.61	13.877		
12,900.00	6,840.00	6,704.39	6,703.39	187.47	1.70	-90.01	-365.22	-8,202.68	2,549.16	2,360.42	188.74	13.506		
13,000.00	6,840.00	6,704.11	6,703.12	190.09	1.70	-90.00	-365.22	-8,202.68	2,526.21	2,334.54	191.68	13.180		
13,100.00	6,840.00	6,703.83	6,702.84	192.71	1.70	-90.00	-365.22	-8,202.68	2,507.05	2,312.66	194.39	12.897		
13,200.00	6,840.00	6,703.56	6,702.56	195.34	1.70	-89.99	-365.22	-8,202.68	2,491.76	2,294.91	196.85	12.658		
13,300.00	6,840.00	6,703.28	6,702.29	197.96	1.70	-89.98	-365.22	-8,202.69	2,480.40	2,281.36	199.04	12.462		
13,400.00	6,840.00	6,703.00	6,702.01	200.59	1.70	-89.98	-365.22	-8,202.69	2,473.01	2,272.10	200.95	12.307		
13,500.00	6,840.00	6,702.73	6,701.73	203.22	1.70	-89.97	-365.22	-8,202.69	2,469.71	2,267.17	202.55	12.193		
13,532.27	6,840.00	6,702.64	6,701.64	204.07	1.70	-89.97	-365.22	-8,202.69	2,469.50	2,266.50	203.00	12.165 CC, ES		
13,600.00	6,840.00	6,702.45	6,701.46	205.85	1.70	-89.96	-365.22	-8,202.69	2,470.43	2,266.60	203.84	12.120		
13,700.00	6,840.00	6,702.17	6,701.18	208.49	1.70	-89.96	-365.22	-8,202.69	2,475.19	2,270.39	204.80	12.086 SF		
13,800.00	6,840.00	6,701.89	6,700.90	211.13	1.70	-89.95	-365.21	-8,202.69	2,483.97	2,278.52	205.45	12.091		
13,900.00	6,840.00	6,701.62	6,700.62	213.77	1.70	-89.94	-365.21	-8,202.69	2,496.73	2,290.95	205.78	12.133		
14,000.00	6,840.00	6,701.34	6,700.34	216.41	1.70	-89.94	-365.21	-8,202.69	2,513.41	2,307.61	205.80	12.213		
14,100.00	6,840.00	6,701.06	6,700.06	219.06	1.70	-89.93	-365.21	-8,202.69	2,533.92	2,328.40	205.52	12.330		
14,200.00	6,840.00	6,700.78	6,699.78	221.70	1.70	-89.93	-365.21	-8,202.69	2,558.18	2,353.23	204.96	12.482		
14,300.00	6,840.00	6,700.50	6,699.51	224.35	1.70	-89.92	-365.21	-8,202.69	2,586.09	2,381.95	204.13	12.669		
14,400.00	6,840.00	6,700.22	6,699.23	227.00	1.70	-89.91	-365.21	-8,202.69	2,617.52	2,414.45	203.07	12.890		
14,500.00	6,840.00	6,699.94	6,698.95	229.65	1.70	-89.91	-365.21	-8,202.69	2,652.34	2,450.57	201.78	13.145		
14,600.00	6,840.00	6,699.66	6,698.67	232.30	1.70	-89.90	-365.21	-8,202.70	2,690.44	2,490.15	200.30	13.432		
14,700.00	6,840.00	6,699.38	6,698.38	234.96	1.70	-89.89	-365.21	-8,202.70	2,731.67	2,533.03	198.64	13.752		
14,800.00	6,840.00	6,699.10	6,698.10	237.61	1.70	-89.89	-365.21	-8,202.70	2,775.89	2,579.06	196.83	14.103		
14,900.00	6,840.00	6,698.82	6,697.82	240.27	1.70	-89.88	-365.21	-8,202.70	2,822.96	2,628.07	194.89	14.485		
15,000.00	6,840.00	6,698.54	6,697.54	242.93	1.70	-89.87	-365.21	-8,202.70	2,872.74	2,679.90	192.85	14.897		
15,100.00	6,840.00	6,698.25	6,697.26	245.59	1.70	-89.87	-365.21	-8,202.70	2,925.10	2,734.38	190.71	15.338		
15,200.00	6,840.00	6,697.97	6,696.98	248.25	1.70	-89.86	-365.21	-8,202.70	2,979.89	2,791.37	188.51	15.807		
15,300.00	6,840.00	6,697.69	6,696.70	250.92	1.70	-89.85	-365.21	-8,202.70	3,036.98	2,850.72	186.26	16.305		
15,400.00	6,840.00	6,697.41	6,696.41	253.58	1.70	-89.85	-365.21	-8,202.70	3,096.26	2,912.29	183.97	16.830		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,697.12	6,696.13	256.25	1.70	-89.84	-365.21	-8,202.70	3,157.59	2,975.93	181.66	17.382		
15,600.00	6,840.00	6,696.84	6,695.85	258.91	1.70	-89.83	-365.21	-8,202.70	3,220.85	3,041.52	179.34	17.960		
15,700.00	6,840.00	6,696.56	6,695.56	261.58	1.70	-89.83	-365.21	-8,202.70	3,285.95	3,108.93	177.02	18.563		
15,800.00	6,840.00	6,696.27	6,695.28	264.25	1.70	-89.82	-365.21	-8,202.70	3,352.76	3,178.06	174.70	19.191		
15,900.00	6,840.00	6,695.99	6,695.00	266.92	1.70	-89.81	-365.21	-8,202.71	3,421.19	3,248.78	172.41	19.844		
16,000.00	6,840.00	6,695.71	6,694.71	269.59	1.70	-89.81	-365.21	-8,202.71	3,491.14	3,321.01	170.13	20.520		
16,100.00	6,840.00	6,695.42	6,694.43	272.26	1.70	-89.80	-365.21	-8,202.71	3,562.53	3,394.64	167.89	21.219		
16,200.00	6,840.00	6,695.14	6,694.14	274.94	1.70	-89.79	-365.21	-8,202.71	3,635.27	3,469.58	165.68	21.941		
16,300.00	6,840.00	6,694.85	6,693.86	277.61	1.69	-89.79	-365.21	-8,202.71	3,709.27	3,545.76	163.51	22.685		
16,400.00	6,840.00	6,694.57	6,693.57	280.28	1.69	-89.78	-365.21	-8,202.71	3,784.47	3,623.09	161.38	23.451		
16,500.00	6,840.00	6,694.28	6,693.29	282.96	1.69	-89.77	-365.21	-8,202.71	3,860.80	3,701.51	159.29	24.237		
16,600.00	6,840.00	6,693.99	6,693.00	285.64	1.69	-89.77	-365.21	-8,202.71	3,938.19	3,780.93	157.25	25.044		
16,700.00	6,840.00	6,693.71	6,692.71	288.31	1.69	-89.76	-365.21	-8,202.71	4,016.57	3,861.32	155.26	25.870		
16,800.00	6,840.00	6,693.42	6,692.43	290.99	1.69	-89.75	-365.21	-8,202.71	4,095.90	3,942.59	153.31	26.716		
16,900.00	6,840.00	6,693.13	6,692.14	293.67	1.69	-89.75	-365.21	-8,202.71	4,176.12	4,024.70	151.41	27.581		
17,000.00	6,840.00	6,692.85	6,691.85	296.35	1.69	-89.74	-365.21	-8,202.71	4,257.17	4,107.61	149.56	28.465		
17,100.00	6,840.00	6,692.56	6,691.57	299.03	1.69	-89.73	-365.21	-8,202.72	4,339.01	4,191.26	147.76	29.366		
17,200.00	6,840.00	6,692.27	6,691.28	301.71	1.69	-89.73	-365.21	-8,202.72	4,421.60	4,275.60	146.00	30.285		
17,300.00	6,840.00	6,691.98	6,690.99	304.39	1.69	-89.72	-365.21	-8,202.72	4,504.90	4,360.61	144.29	31.221		
17,400.00	6,840.00	6,691.70	6,690.70	307.08	1.69	-89.71	-365.21	-8,202.72	4,588.86	4,446.23	142.63	32.174		
17,500.00	6,840.00	6,691.41	6,690.41	309.76	1.69	-89.71	-365.21	-8,202.72	4,673.45	4,532.44	141.01	33.142		
17,600.00	6,840.00	6,691.12	6,690.13	312.44	1.69	-89.70	-365.21	-8,202.72	4,758.65	4,619.21	139.44	34.127		
17,700.00	6,840.00	6,690.83	6,689.84	315.13	1.69	-89.69	-365.21	-8,202.72	4,844.40	4,706.49	137.91	35.126		
17,800.00	6,840.00	6,690.54	6,689.55	317.81	1.69	-89.69	-365.21	-8,202.72	4,930.70	4,794.27	136.43	36.141		
17,900.00	6,840.00	6,690.25	6,689.26	320.50	1.69	-89.68	-365.21	-8,202.72	5,017.50	4,882.52	134.99	37.170		
18,000.00	6,840.00	6,689.96	6,688.97	323.19	1.69	-89.67	-365.21	-8,202.72	5,104.79	4,971.20	133.59	38.214		
18,100.00	6,840.00	6,689.67	6,688.68	325.87	1.69	-89.67	-365.21	-8,202.72	5,192.53	5,060.31	132.22	39.271		
18,200.00	6,840.00	6,689.38	6,688.39	328.56	1.69	-89.66	-365.21	-8,202.72	5,280.71	5,149.81	130.90	40.341		
18,300.00	6,840.00	6,689.09	6,688.10	331.25	1.69	-89.65	-365.21	-8,202.72	5,369.31	5,239.69	129.62	41.425		
18,400.00	6,840.00	6,688.80	6,687.80	333.94	1.69	-89.65	-365.21	-8,202.73	5,458.30	5,329.93	128.37	42.521		
18,500.00	6,840.00	6,688.51	6,687.51	336.63	1.69	-89.64	-365.21	-8,202.73	5,547.66	5,420.51	127.16	43.629		
18,600.00	6,840.00	6,688.22	6,687.22	339.32	1.69	-89.63	-365.21	-8,202.73	5,637.38	5,511.41	125.98	44.749		
18,700.00	6,840.00	6,687.92	6,686.93	342.01	1.69	-89.63	-365.21	-8,202.73	5,727.45	5,602.61	124.83	45.881		
18,800.00	6,840.00	6,687.63	6,686.64	344.70	1.69	-89.62	-365.21	-8,202.73	5,817.83	5,694.11	123.72	47.024		
18,900.00	6,840.00	6,687.34	6,686.34	347.39	1.69	-89.61	-365.21	-8,202.73	5,908.53	5,785.89	122.64	48.178		
19,000.00	6,840.00	6,687.05	6,686.05	350.08	1.69	-89.61	-365.21	-8,202.73	5,999.52	5,877.93	121.59	49.343		
19,100.00	6,840.00	6,686.75	6,685.76	352.77	1.69	-89.60	-365.21	-8,202.73	6,090.79	5,970.23	120.57	50.518		
19,200.00	6,840.00	6,686.46	6,685.47	355.46	1.69	-89.59	-365.21	-8,202.73	6,182.34	6,062.77	119.57	51.703		
19,300.00	6,840.00	6,686.17	6,685.17	358.16	1.69	-89.59	-365.20	-8,202.73	6,274.14	6,155.53	118.61	52.898		
19,400.00	6,840.00	6,685.87	6,684.88	360.85	1.69	-89.58	-365.20	-8,202.73	6,366.19	6,248.52	117.67	54.102		
19,500.00	6,840.00	6,685.58	6,684.58	363.54	1.69	-89.57	-365.20	-8,202.73	6,458.48	6,341.72	116.76	55.315		
19,600.00	6,840.00	6,685.28	6,684.29	366.24	1.69	-89.57	-365.20	-8,202.74	6,550.99	6,435.12	115.87	56.537		
19,700.00	6,840.00	6,684.99	6,683.99	368.93	1.69	-89.56	-365.20	-8,202.74	6,643.72	6,528.71	115.01	57.768		
19,800.00	6,840.00	6,684.69	6,683.70	371.63	1.69	-89.55	-365.20	-8,202.74	6,736.66	6,622.49	114.17	59.007		
19,900.00	6,840.00	6,684.40	6,683.40	374.32	1.69	-89.55	-365.20	-8,202.74	6,829.79	6,716.44	113.35	60.254		
20,000.00	6,840.00	6,684.10	6,683.11	377.02	1.69	-89.54	-365.20	-8,202.74	6,923.12	6,810.57	112.55	61.509		
20,100.00	6,840.00	6,683.80	6,682.81	379.71	1.69	-89.53	-365.20	-8,202.74	7,016.63	6,904.85	111.78	62.771		
20,200.00	6,840.00	6,683.51	6,682.51	382.41	1.69	-89.52	-365.20	-8,202.74	7,110.32	6,999.29	111.03	64.041		
20,300.00	6,840.00	6,683.21	6,682.22	385.11	1.69	-89.52	-365.20	-8,202.74	7,204.18	7,093.89	110.29	65.318		
20,400.00	6,840.00	6,682.91	6,681.92	387.80	1.69	-89.51	-365.20	-8,202.74	7,298.20	7,188.62	109.58	66.601		
20,500.00	6,840.00	6,682.62	6,681.62	390.50	1.69	-89.50	-365.20	-8,202.74	7,392.38	7,283.49	108.89	67.891		
20,600.00	6,840.00	6,682.32	6,681.32	393.20	1.69	-89.50	-365.20	-8,202.74	7,486.71	7,378.50	108.21	69.188		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	6,682.05	6,681.05	395.67	1.69	-89.49	-365.20	-8,202.74	7,573.31	7,465.70	107.60	70.382	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-91.63	-269.95	-9,503.58	9,508.45					
100.00	100.00	0.00	0.00	0.13	0.00	-91.63	-269.95	-9,503.58	9,507.50	9,507.36	0.13	N/A		
200.00	200.00	129.53	129.53	0.49	0.15	-91.62	-269.50	-9,502.94	9,507.02	9,506.38	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-91.62	-269.24	-9,502.50	9,506.40	9,505.31	1.09	8,730.654		
400.00	399.98	259.46	259.45	1.21	0.24	-47.01	-269.16	-9,502.35	9,504.97	9,503.52	1.45	6,572.752		
500.00	499.84	333.23	333.22	1.57	0.26	-47.08	-269.21	-9,502.52	9,501.61	9,499.78	1.82	5,208.081		
600.00	599.45	444.27	444.27	1.94	0.33	-47.21	-269.65	-9,502.70	9,495.84	9,493.58	2.26	4,206.935		
700.00	698.70	532.22	532.22	2.32	0.38	-47.38	-270.02	-9,502.85	9,487.73	9,485.04	2.69	3,533.187		
800.00	797.47	614.43	614.43	2.73	0.43	-47.59	-270.40	-9,503.15	9,477.46	9,474.34	3.12	3,041.490		
900.00	895.62	725.76	725.75	3.16	0.49	-47.88	-270.99	-9,503.55	9,464.87	9,461.30	3.57	2,648.227		
1,000.00	993.06	832.70	832.69	3.63	0.54	-48.22	-271.41	-9,503.80	9,449.86	9,445.82	4.05	2,335.699		
1,100.00	1,089.64	923.15	923.14	4.14	0.58	-48.59	-271.76	-9,503.97	9,432.56	9,428.02	4.53	2,081.825		
1,200.00	1,185.27	994.27	994.25	4.70	0.61	-48.99	-272.02	-9,504.24	9,413.21	9,408.18	5.03	1,870.075		
1,300.00	1,279.82	1,085.07	1,085.05	5.30	0.65	-49.46	-272.22	-9,504.74	9,391.83	9,386.26	5.58	1,684.452		
1,400.00	1,373.17	1,165.54	1,165.52	5.96	0.68	-49.96	-272.23	-9,505.25	9,368.38	9,362.23	6.15	1,523.201		
1,500.00	1,465.21	1,260.49	1,260.47	6.67	0.71	-50.55	-272.17	-9,505.96	9,342.93	9,336.16	6.77	1,380.329		
1,600.00	1,555.84	1,359.28	1,359.26	7.44	0.75	-51.20	-271.98	-9,506.58	9,315.34	9,307.91	7.43	1,253.941		
1,700.00	1,645.41	1,435.34	1,435.32	8.26	0.78	-51.48	-271.85	-9,507.07	9,286.39	9,278.27	8.11	1,144.368		
1,800.00	1,734.94	1,500.00	1,499.97	9.09	0.80	-51.62	-271.66	-9,507.65	9,257.73	9,248.92	8.81	1,050.549		
1,900.00	1,824.47	1,617.23	1,617.19	9.94	0.84	-51.88	-271.24	-9,508.71	9,229.19	9,219.65	9.54	967.509		
2,000.00	1,913.99	1,689.18	1,689.14	10.80	0.86	-52.04	-270.95	-9,509.35	9,200.74	9,190.48	10.26	896.496		
2,100.00	2,003.52	1,773.11	1,773.07	11.66	0.89	-52.23	-270.53	-9,510.17	9,172.50	9,161.50	11.00	833.895		
2,200.00	2,093.05	1,903.56	1,903.51	12.53	0.93	-52.53	-269.58	-9,511.30	9,144.28	9,132.53	11.75	778.038		
2,300.00	2,182.58	2,046.94	2,046.88	13.40	0.96	-52.85	-267.98	-9,511.85	9,115.73	9,103.23	12.51	728.956		
2,400.00	2,272.11	2,155.38	2,155.31	14.28	0.99	-53.09	-266.42	-9,511.66	9,086.72	9,073.47	13.25	685.626		
2,500.00	2,361.63	2,222.81	2,222.74	15.16	1.00	-53.25	-265.49	-9,511.62	9,057.98	9,043.97	14.00	646.800		
2,600.00	2,451.16	2,282.85	2,282.77	16.04	1.02	-53.38	-264.72	-9,511.77	9,029.63	9,014.86	14.76	611.689		
2,700.00	2,540.69	2,336.72	2,336.63	16.92	1.03	-53.51	-264.08	-9,512.09	9,001.72	8,986.19	15.53	579.783		
2,800.00	2,630.22	2,400.00	2,399.91	17.81	1.05	-53.65	-263.46	-9,512.76	8,974.33	8,958.03	16.30	550.661		
2,900.00	2,719.75	2,466.16	2,466.06	18.70	1.07	-53.81	-262.88	-9,513.64	8,947.33	8,930.25	17.08	523.935		
3,000.00	2,809.28	2,562.63	2,562.51	19.58	1.10	-54.03	-262.00	-9,514.94	8,920.49	8,902.62	17.87	499.297		
3,100.00	2,898.80	2,662.82	2,662.69	20.47	1.13	-54.27	-261.14	-9,516.16	8,893.66	8,875.00	18.66	476.630		
3,200.00	2,988.33	2,797.04	2,796.91	21.36	1.18	-54.59	-260.08	-9,517.45	8,866.77	8,847.31	19.46	455.653		
3,300.00	3,077.86	2,944.70	2,944.56	22.26	1.21	-54.94	-259.41	-9,517.82	8,839.36	8,819.11	20.25	436.468		
3,400.00	3,167.39	3,088.60	3,088.46	23.15	1.24	-55.29	-258.79	-9,517.39	8,811.65	8,790.62	21.03	418.940		
3,500.00	3,256.92	3,192.16	3,192.01	24.04	1.25	-55.55	-258.30	-9,516.60	8,783.64	8,761.82	21.82	402.569		
3,600.00	3,346.44	3,334.31	3,334.15	24.93	1.26	-55.90	-257.38	-9,515.10	8,755.51	8,732.91	22.60	387.356		
3,700.00	3,435.97	3,587.61	3,587.36	25.83	1.30	-56.53	-253.93	-9,509.30	8,726.25	8,702.88	23.37	373.381		
3,800.00	3,525.50	3,675.02	3,674.71	26.72	1.31	-56.74	-252.23	-9,506.54	8,696.37	8,672.20	24.17	359.789		
3,900.00	3,615.03	3,755.83	3,755.47	27.62	1.32	-56.94	-250.56	-9,504.08	8,666.70	8,641.72	24.98	346.998		
4,000.00	3,704.56	3,838.52	3,838.11	28.51	1.33	-57.15	-249.23	-9,501.60	8,637.25	8,611.46	25.79	334.959		
4,100.00	3,794.09	3,923.12	3,922.66	29.41	1.34	-57.37	-248.01	-9,499.07	8,607.99	8,581.39	26.60	323.609		
4,200.00	3,883.61	4,000.00	3,999.50	30.30	1.36	-57.56	-246.99	-9,496.81	8,578.93	8,551.51	27.42	312.873		
4,300.00	3,973.14	4,065.15	4,064.62	31.20	1.37	-57.73	-246.34	-9,495.01	8,550.21	8,521.96	28.25	302.699		
4,400.00	4,062.67	4,151.01	4,150.45	32.10	1.38	-57.96	-245.87	-9,492.81	8,521.87	8,492.80	29.07	293.107		
4,500.00	4,152.20	4,237.67	4,237.07	32.99	1.39	-58.24	-245.16	-9,489.88	8,493.51	8,463.61	29.90	284.041		
4,600.00	4,241.73	4,366.51	4,365.86	33.89	1.41	-58.53	-244.35	-9,486.72	8,465.15	8,434.42	30.73	275.431		
4,700.00	4,331.26	4,450.67	4,449.98	34.79	1.42	-58.75	-243.69	-9,484.13	8,436.80	8,405.23	31.58	267.198		
4,800.00	4,420.78	4,542.56	4,541.83	35.69	1.44	-59.00	-243.24	-9,481.39	8,408.74	8,376.32	32.42	259.376		
4,900.00	4,510.31	4,631.64	4,630.85	36.58	1.45	-59.25	-242.74	-9,478.55	8,380.63	8,347.36	33.27	251.912		
5,000.00	4,599.84	4,685.58	4,684.77	37.48	1.46	-59.39	-242.17	-9,477.06	8,352.98	8,318.85	34.13	244.763		
5,100.00	4,689.37	4,735.50	4,734.67	38.38	1.47	-59.52	-241.43	-9,475.93	8,325.87	8,290.88	34.99	237.953		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,200.00	4,778.90	4,800.00	4,799.16	39.28	1.49	-59.70	-240.34	-9,474.89	8,299.38	8,263.53	35.85	231.481		
5,300.00	4,868.42	4,856.20	4,855.35	40.18	1.50	-59.84	-239.31	-9,474.19	8,273.35	8,236.63	36.72	225.294		
5,400.00	4,957.95	4,941.94	4,941.06	41.07	1.52	-60.07	-237.74	-9,473.18	8,247.58	8,209.99	37.59	219.416		
5,500.00	5,047.48	5,027.92	5,027.02	41.97	1.54	-60.30	-236.05	-9,472.22	8,222.00	8,183.54	38.46	213.789		
5,600.00	5,137.01	5,108.43	5,107.52	42.87	1.56	-60.52	-234.58	-9,471.36	8,196.65	8,157.31	39.33	208.390		
5,700.00	5,226.54	5,182.00	5,181.07	43.77	1.58	-60.72	-233.36	-9,470.67	8,171.60	8,131.38	40.21	203.207		
5,800.00	5,316.07	5,252.35	5,251.41	44.67	1.60	-60.91	-232.32	-9,470.14	8,146.90	8,105.81	41.10	198.233		
5,900.00	5,405.59	5,322.33	5,321.38	45.57	1.62	-61.10	-231.50	-9,469.74	8,122.60	8,080.61	41.99	193.460		
6,000.00	5,495.12	5,393.98	5,393.03	46.47	1.63	-61.30	-230.72	-9,469.48	8,098.67	8,055.79	42.88	188.882		
6,100.00	5,584.65	5,466.23	5,465.28	47.37	1.65	-61.50	-229.94	-9,469.39	8,075.10	8,031.33	43.77	184.489		
6,200.00	5,674.18	5,571.22	5,570.26	48.27	1.68	-61.80	-228.85	-9,469.35	8,051.81	8,007.15	44.66	180.295		
6,300.00	5,763.71	5,706.80	5,705.83	49.16	1.71	-62.18	-227.71	-9,468.58	8,028.26	7,982.71	45.55	176.263		
6,400.00	5,853.23	5,807.79	5,806.81	50.06	1.74	-62.47	-227.01	-9,467.61	8,004.58	7,958.13	46.45	172.331		
6,500.00	5,942.76	5,890.23	5,889.25	50.96	1.76	-62.71	-226.32	-9,466.83	7,981.05	7,933.70	47.36	168.527		
6,600.00	6,032.29	5,985.99	5,985.01	51.86	1.78	-62.99	-225.48	-9,465.93	7,957.71	7,909.44	48.27	164.868		
6,700.00	6,121.82	6,064.97	6,063.97	52.76	1.80	-63.22	-224.97	-9,465.14	7,934.55	7,885.37	49.18	161.322		
6,800.00	6,211.35	6,141.57	6,140.58	53.66	1.82	-63.44	-224.64	-9,464.46	7,911.73	7,861.62	50.11	157.900		
6,900.00	6,300.88	6,220.65	6,219.65	54.56	1.84	-63.68	-224.14	-9,463.93	7,889.23	7,838.20	51.03	154.601		
7,000.00	6,390.40	6,304.80	6,303.80	55.46	1.86	-63.92	-223.59	-9,463.45	7,867.00	7,815.04	51.96	151.418		
7,100.00	6,479.90	6,371.75	6,370.75	56.36	1.88	-62.50	-223.26	-9,463.17	7,845.01	7,792.12	52.89	148.329		
7,200.00	6,565.62	6,453.91	6,452.91	57.41	1.90	-52.75	-223.00	-9,462.96	7,813.60	7,759.72	53.89	144.996		
7,300.00	6,643.25	6,527.57	6,526.56	58.67	1.92	-48.07	-222.72	-9,462.75	7,767.07	7,712.11	54.97	141.302		
7,400.00	6,710.45	6,578.81	6,577.80	60.11	1.93	-46.85	-222.61	-9,462.67	7,707.01	7,650.92	56.09	137.408		
7,500.00	6,765.16	6,668.06	6,667.05	61.71	1.95	-49.12	-222.52	-9,462.48	7,635.12	7,577.93	57.19	133.502		
7,600.00	6,805.74	6,721.57	6,720.56	63.40	1.96	-55.28	-222.45	-9,462.09	7,553.32	7,495.07	58.25	129.664		
7,700.00	6,830.93	6,740.99	6,739.98	65.14	1.96	-67.50	-222.45	-9,461.95	7,464.39	7,405.16	59.23	126.021		
7,800.00	6,839.98	6,747.63	6,746.62	66.86	1.97	-89.72	-222.45	-9,461.90	7,370.96	7,310.88	60.08	122.683		
7,900.00	6,840.00	6,747.09	6,746.08	68.58	1.97	-91.16	-222.45	-9,461.91	7,276.17	7,215.31	60.86	119.555		
8,000.00	6,840.00	6,746.53	6,745.52	70.35	1.97	-91.14	-222.45	-9,461.91	7,181.52	7,119.86	61.67	116.460		
8,100.00	6,840.00	6,745.98	6,744.97	72.18	1.97	-91.13	-222.45	-9,461.91	7,087.02	7,024.52	62.50	113.397		
8,200.00	6,840.00	6,745.42	6,744.41	74.06	1.97	-91.12	-222.45	-9,461.92	6,992.67	6,929.31	63.36	110.366		
8,300.00	6,840.00	6,744.85	6,743.84	75.98	1.97	-91.10	-222.45	-9,461.92	6,898.48	6,834.23	64.25	107.370		
8,400.00	6,840.00	6,744.29	6,743.28	77.96	1.97	-91.09	-222.45	-9,461.93	6,804.45	6,739.28	65.17	104.409		
8,500.00	6,840.00	6,743.72	6,742.71	79.97	1.97	-91.07	-222.45	-9,461.93	6,710.60	6,644.47	66.12	101.484		
8,600.00	6,840.00	6,743.15	6,742.14	82.03	1.97	-91.06	-222.45	-9,461.93	6,616.93	6,549.82	67.11	98.596		
8,700.00	6,840.00	6,742.58	6,741.57	84.12	1.97	-91.05	-222.45	-9,461.94	6,523.44	6,455.31	68.13	95.747		
8,800.00	6,840.00	6,742.01	6,741.00	86.25	1.97	-91.03	-222.45	-9,461.94	6,430.15	6,360.96	69.19	92.936		
8,900.00	6,840.00	6,741.43	6,740.42	88.41	1.97	-91.02	-222.45	-9,461.95	6,337.07	6,266.79	70.28	90.166		
9,000.00	6,840.00	6,740.86	6,739.85	90.60	1.96	-91.00	-222.45	-9,461.95	6,244.20	6,172.78	71.41	87.437		
9,100.00	6,840.00	6,740.28	6,739.27	92.82	1.96	-90.99	-222.45	-9,461.95	6,151.55	6,078.97	72.59	84.749		
9,200.00	6,840.00	6,739.70	6,738.69	95.07	1.96	-90.97	-222.45	-9,461.96	6,059.14	5,985.34	73.80	82.104		
9,300.00	6,840.00	6,739.11	6,738.10	97.34	1.96	-90.96	-222.45	-9,461.96	5,966.97	5,891.92	75.05	79.503		
9,400.00	6,840.00	6,738.53	6,737.52	99.64	1.96	-90.95	-222.45	-9,461.97	5,875.06	5,798.70	76.35	76.945		
9,500.00	6,840.00	6,737.94	6,736.93	101.95	1.96	-90.93	-222.45	-9,461.97	5,783.41	5,705.71	77.70	74.432		
9,600.00	6,840.00	6,737.35	6,736.34	104.29	1.96	-90.92	-222.45	-9,461.97	5,692.05	5,612.95	79.09	71.965		
9,700.00	6,840.00	6,736.75	6,735.75	106.64	1.96	-90.90	-222.45	-9,461.98	5,600.98	5,520.44	80.54	69.544		
9,800.00	6,840.00	6,736.16	6,735.15	109.02	1.96	-90.89	-222.45	-9,461.98	5,510.22	5,428.19	82.03	67.169		
9,900.00	6,840.00	6,735.56	6,734.55	111.41	1.96	-90.87	-222.45	-9,461.99	5,419.79	5,336.20	83.58	64.842		
10,000.00	6,840.00	6,734.96	6,733.95	113.81	1.96	-90.86	-222.45	-9,461.99	5,329.70	5,244.51	85.19	62.562		
10,100.00	6,840.00	6,734.36	6,733.35	116.23	1.96	-90.84	-222.45	-9,462.00	5,239.97	5,153.11	86.86	60.330		
10,200.00	6,840.00	6,733.76	6,732.75	118.67	1.96	-90.83	-222.45	-9,462.00	5,150.61	5,062.03	88.58	58.146		
10,300.00	6,840.00	6,733.15	6,732.14	121.11	1.96	-90.81	-222.45	-9,462.00	5,061.66	4,971.29	90.37	56.011		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	6,732.54	6,731.53	123.57	1.96	-90.80	-222.45	-9,462.01	4,973.12	4,880.90	92.22	53.926		
10,500.00	6,840.00	6,731.93	6,730.92	126.04	1.96	-90.78	-222.45	-9,462.01	4,885.03	4,790.88	94.14	51.889		
10,600.00	6,840.00	6,731.32	6,730.31	128.52	1.96	-90.77	-222.45	-9,462.02	4,797.40	4,701.26	96.14	49.902		
10,700.00	6,840.00	6,730.70	6,729.69	131.01	1.96	-90.75	-222.45	-9,462.02	4,710.26	4,612.06	98.20	47.965		
10,800.00	6,840.00	6,730.08	6,729.07	133.51	1.96	-90.74	-222.45	-9,462.03	4,623.65	4,523.31	100.34	46.078		
10,900.00	6,840.00	6,729.46	6,728.45	136.02	1.96	-90.72	-222.45	-9,462.03	4,537.59	4,435.02	102.56	44.242		
11,000.00	6,840.00	6,728.84	6,727.83	138.53	1.96	-90.71	-222.45	-9,462.04	4,452.11	4,347.24	104.87	42.455		
11,100.00	6,840.00	6,728.21	6,727.20	141.06	1.96	-90.69	-222.45	-9,462.04	4,367.24	4,259.99	107.25	40.718		
11,200.00	6,840.00	6,727.58	6,726.57	143.59	1.96	-90.68	-222.45	-9,462.05	4,283.03	4,173.30	109.73	39.032		
11,300.00	6,840.00	6,726.95	6,725.94	146.13	1.96	-90.66	-222.45	-9,462.05	4,199.51	4,087.21	112.30	37.396		
11,400.00	6,840.00	6,726.32	6,725.31	148.68	1.96	-90.65	-222.45	-9,462.06	4,116.73	4,001.77	114.96	35.811		
11,500.00	6,840.00	6,725.68	6,724.67	151.23	1.96	-90.63	-222.45	-9,462.06	4,034.72	3,917.01	117.72	34.275		
11,600.00	6,840.00	6,725.04	6,724.03	153.79	1.96	-90.61	-222.45	-9,462.06	3,953.55	3,832.98	120.57	32.790		
11,700.00	6,840.00	6,724.40	6,723.39	156.35	1.96	-90.60	-222.45	-9,462.07	3,873.25	3,749.72	123.53	31.354		
11,800.00	6,840.00	6,723.76	6,722.75	158.92	1.96	-90.58	-222.45	-9,462.07	3,793.90	3,667.30	126.60	29.968		
11,900.00	6,840.00	6,723.11	6,722.10	161.49	1.96	-90.57	-222.45	-9,462.08	3,715.53	3,585.76	129.77	28.632		
12,000.00	6,840.00	6,722.46	6,721.45	164.07	1.96	-90.55	-222.45	-9,462.08	3,638.23	3,505.18	133.05	27.345		
12,100.00	6,840.00	6,721.81	6,720.80	166.66	1.96	-90.54	-222.45	-9,462.09	3,562.06	3,425.62	136.44	26.107		
12,200.00	6,840.00	6,721.16	6,720.15	169.25	1.96	-90.52	-222.45	-9,462.09	3,487.09	3,347.15	139.95	24.917		
12,300.00	6,840.00	6,720.50	6,719.49	171.84	1.96	-90.50	-222.45	-9,462.10	3,413.41	3,269.85	143.56	23.777		
12,400.00	6,840.00	6,719.84	6,718.83	174.44	1.96	-90.49	-222.45	-9,462.10	3,341.09	3,193.81	147.29	22.684		
12,500.00	6,840.00	6,719.18	6,718.17	177.04	1.96	-90.47	-222.45	-9,462.11	3,270.23	3,119.11	151.12	21.640		
12,600.00	6,840.00	6,718.52	6,717.51	179.64	1.96	-90.45	-222.45	-9,462.11	3,200.93	3,045.87	155.06	20.643		
12,700.00	6,840.00	6,717.85	6,716.84	182.25	1.96	-90.44	-222.45	-9,462.12	3,133.29	2,974.18	159.11	19.693		
12,800.00	6,840.00	6,717.18	6,716.17	184.86	1.96	-90.42	-222.45	-9,462.12	3,067.42	2,904.17	163.25	18.790		
12,900.00	6,840.00	6,716.51	6,715.50	187.47	1.96	-90.41	-222.45	-9,462.13	3,003.43	2,835.95	167.48	17.933		
13,000.00	6,840.00	6,715.83	6,714.82	190.09	1.96	-90.39	-222.46	-9,462.13	2,941.45	2,769.66	171.79	17.122		
13,100.00	6,840.00	6,720.35	6,719.34	192.71	1.96	-90.50	-222.44	-9,462.08	2,881.59	2,705.42	176.17	16.357		
13,200.00	6,840.00	6,719.21	6,718.20	195.34	1.96	-90.47	-222.44	-9,462.09	2,824.02	2,643.42	180.60	15.637		
13,300.00	6,840.00	6,718.09	6,717.09	197.96	1.96	-90.44	-222.45	-9,462.10	2,768.87	2,583.80	185.07	14.961		
13,400.00	6,840.00	6,717.00	6,715.99	200.59	1.96	-90.42	-222.45	-9,462.11	2,716.28	2,526.72	189.56	14.330		
13,500.00	6,840.00	6,715.92	6,714.92	203.22	1.96	-90.39	-222.45	-9,462.12	2,666.41	2,472.37	194.03	13.742		
13,600.00	6,840.00	6,714.87	6,713.86	205.85	1.96	-90.37	-222.45	-9,462.13	2,619.40	2,420.92	198.48	13.197		
13,700.00	6,840.00	6,713.83	6,712.82	208.49	1.96	-90.34	-222.45	-9,462.14	2,575.42	2,372.56	202.86	12.695		
13,800.00	6,840.00	6,712.82	6,711.81	211.13	1.96	-90.31	-222.45	-9,462.15	2,534.62	2,327.47	207.15	12.235		
13,900.00	6,840.00	6,711.82	6,710.81	213.77	1.96	-90.29	-222.46	-9,462.16	2,497.17	2,285.85	211.32	11.817		
14,000.00	6,840.00	6,710.83	6,709.82	216.41	1.96	-90.27	-222.46	-9,462.17	2,463.20	2,247.89	215.31	11.440		
14,100.00	6,840.00	6,709.87	6,708.86	219.06	1.96	-90.24	-222.46	-9,462.18	2,432.88	2,213.77	219.11	11.103		
14,200.00	6,840.00	6,708.92	6,707.91	221.70	1.96	-90.22	-222.46	-9,462.18	2,406.33	2,183.66	222.67	10.807		
14,300.00	6,840.00	6,707.99	6,706.98	224.35	1.96	-90.20	-222.46	-9,462.19	2,383.68	2,157.73	225.95	10.549		
14,400.00	6,840.00	6,707.07	6,706.06	227.00	1.96	-90.17	-222.46	-9,462.20	2,365.05	2,136.13	228.92	10.331		
14,500.00	6,840.00	6,706.17	6,705.16	229.65	1.96	-90.15	-222.46	-9,462.21	2,350.53	2,118.98	231.55	10.151		
14,600.00	6,840.00	6,705.28	6,704.27	232.30	1.96	-90.13	-222.47	-9,462.22	2,340.19	2,106.38	233.81	10.009		
14,700.00	6,840.00	6,704.41	6,703.40	234.96	1.96	-90.11	-222.47	-9,462.22	2,334.10	2,098.42	235.68	9.904		
14,792.43	6,840.00	6,703.62	6,702.61	237.41	1.96	-90.09	-222.47	-9,462.23	2,332.27	2,095.23	237.04	9.839 CC		
14,800.00	6,840.00	6,703.55	6,702.54	237.61	1.96	-90.09	-222.47	-9,462.23	2,332.28	2,095.15	237.13	9.835 ES		
14,900.00	6,840.00	6,702.71	6,701.70	240.27	1.96	-90.07	-222.47	-9,462.24	2,334.75	2,096.58	238.16	9.803 SF		
15,000.00	6,840.00	6,701.88	6,700.87	242.93	1.96	-90.05	-222.47	-9,462.24	2,341.49	2,102.71	238.78	9.806		
15,100.00	6,840.00	6,701.06	6,700.05	245.59	1.96	-90.03	-222.47	-9,462.25	2,352.46	2,113.49	238.97	9.844		
15,200.00	6,840.00	6,700.26	6,699.25	248.25	1.96	-90.01	-222.47	-9,462.26	2,367.61	2,128.86	238.75	9.917		
15,300.00	6,840.00	6,699.47	6,698.46	250.92	1.96	-89.99	-222.47	-9,462.26	2,386.86	2,148.72	238.14	10.023		
15,400.00	6,840.00	6,698.69	6,697.68	253.58	1.96	-89.97	-222.48	-9,462.27	2,410.10	2,172.94	237.16	10.162		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,500.00	6,840.00	6,697.92	6,696.91	256.25	1.96	-89.95	-222.48	-9,462.28	2,437.23	2,201.39	235.84	10.334		
15,600.00	6,840.00	6,697.17	6,696.16	258.91	1.96	-89.93	-222.48	-9,462.28	2,468.12	2,233.92	234.20	10.538		
15,700.00	6,840.00	6,696.42	6,695.42	261.58	1.96	-89.91	-222.48	-9,462.29	2,502.62	2,270.34	232.28	10.774		
15,800.00	6,840.00	6,695.69	6,694.68	264.25	1.96	-89.89	-222.48	-9,462.29	2,540.59	2,310.48	230.12	11.040		
15,900.00	6,840.00	6,694.97	6,693.96	266.92	1.96	-89.88	-222.48	-9,462.30	2,581.88	2,354.15	227.73	11.337		
16,000.00	6,840.00	6,694.26	6,693.25	269.59	1.96	-89.86	-222.48	-9,462.30	2,626.33	2,401.17	225.16	11.664		
16,100.00	6,840.00	6,693.56	6,692.55	272.26	1.96	-89.84	-222.48	-9,462.31	2,673.78	2,451.34	222.44	12.020		
16,200.00	6,840.00	6,692.87	6,691.86	274.94	1.96	-89.82	-222.48	-9,462.31	2,724.08	2,504.48	219.60	12.405		
16,300.00	6,840.00	6,692.19	6,691.18	277.61	1.96	-89.81	-222.48	-9,462.32	2,777.07	2,560.41	216.66	12.817		
16,400.00	6,840.00	6,691.52	6,690.51	280.28	1.96	-89.79	-222.49	-9,462.32	2,832.60	2,618.94	213.65	13.258		
16,500.00	6,840.00	6,690.86	6,689.85	282.96	1.96	-89.78	-222.49	-9,462.33	2,890.52	2,679.92	210.60	13.725		
16,600.00	6,840.00	6,690.21	6,689.20	285.64	1.96	-89.76	-222.49	-9,462.33	2,950.69	2,743.18	207.51	14.220		
16,700.00	6,840.00	6,689.57	6,688.56	288.31	1.96	-89.74	-222.49	-9,462.34	3,012.99	2,808.57	204.41	14.740		
16,800.00	6,840.00	6,688.94	6,687.93	290.99	1.96	-89.73	-222.49	-9,462.34	3,077.27	2,875.95	201.32	15.285		
16,900.00	6,840.00	6,688.31	6,687.31	293.67	1.96	-89.71	-222.49	-9,462.35	3,143.42	2,945.17	198.25	15.856		
17,000.00	6,840.00	6,687.70	6,686.69	296.35	1.96	-89.70	-222.49	-9,462.35	3,211.32	3,016.11	195.21	16.451		
17,100.00	6,840.00	6,687.09	6,686.08	299.03	1.96	-89.68	-222.49	-9,462.36	3,280.86	3,088.66	192.20	17.070		
17,200.00	6,840.00	6,686.49	6,685.49	301.71	1.96	-89.67	-222.49	-9,462.36	3,351.95	3,162.70	189.24	17.712		
17,300.00	6,840.00	6,685.90	6,684.90	304.39	1.96	-89.65	-222.49	-9,462.37	3,424.47	3,238.14	186.34	18.378		
17,400.00	6,840.00	6,685.32	6,684.31	307.08	1.96	-89.64	-222.49	-9,462.37	3,498.36	3,314.87	183.49	19.066		
17,500.00	6,840.00	6,684.75	6,683.74	309.76	1.96	-89.63	-222.50	-9,462.37	3,573.51	3,392.81	180.70	19.776		
17,600.00	6,840.00	6,684.18	6,683.17	312.44	1.96	-89.61	-222.50	-9,462.38	3,649.86	3,471.88	177.98	20.508		
17,700.00	6,840.00	6,683.62	6,682.61	315.13	1.96	-89.60	-222.50	-9,462.38	3,727.33	3,552.01	175.32	21.260		
17,800.00	6,840.00	6,683.07	6,682.06	317.81	1.96	-89.58	-222.50	-9,462.38	3,805.84	3,633.12	172.73	22.034		
17,900.00	6,840.00	6,682.53	6,681.52	320.50	1.96	-89.57	-222.50	-9,462.39	3,885.35	3,715.14	170.21	22.827		
18,000.00	6,840.00	6,681.99	6,680.98	323.19	1.96	-89.56	-222.50	-9,462.39	3,965.78	3,798.03	167.76	23.640		
18,100.00	6,840.00	6,681.46	6,680.45	325.87	1.96	-89.54	-222.50	-9,462.40	4,047.09	3,881.71	165.37	24.473		
18,200.00	6,840.00	6,680.93	6,679.93	328.56	1.96	-89.53	-222.50	-9,462.40	4,129.21	3,966.16	163.06	25.324		
18,300.00	6,840.00	6,680.42	6,679.41	331.25	1.96	-89.52	-222.50	-9,462.40	4,212.11	4,051.30	160.81	26.194		
18,400.00	6,840.00	6,679.91	6,678.90	333.94	1.96	-89.51	-222.50	-9,462.41	4,295.74	4,137.11	158.62	27.082		
18,500.00	6,840.00	6,679.40	6,678.39	336.63	1.96	-89.49	-222.50	-9,462.41	4,380.05	4,223.54	156.50	27.987		
18,600.00	6,840.00	6,678.90	6,677.90	339.32	1.96	-89.48	-222.50	-9,462.41	4,465.01	4,310.56	154.45	28.909		
18,700.00	6,840.00	6,678.41	6,677.41	342.01	1.95	-89.47	-222.50	-9,462.41	4,550.58	4,398.12	152.45	29.849		
18,800.00	6,840.00	6,677.93	6,676.92	344.70	1.95	-89.46	-222.50	-9,462.42	4,636.73	4,486.21	150.52	30.804		
18,900.00	6,840.00	6,677.45	6,676.44	347.39	1.95	-89.45	-222.50	-9,462.42	4,723.42	4,574.78	148.65	31.776		
19,000.00	6,840.00	6,676.97	6,675.97	350.08	1.95	-89.43	-222.51	-9,462.42	4,810.63	4,663.80	146.83	32.763		
19,100.00	6,840.00	6,676.51	6,675.50	352.77	1.95	-89.42	-222.51	-9,462.43	4,898.33	4,753.27	145.07	33.766		
19,200.00	6,840.00	6,676.04	6,675.04	355.46	1.95	-89.41	-222.51	-9,462.43	4,986.50	4,843.14	143.36	34.783		
19,300.00	6,840.00	6,675.59	6,674.58	358.16	1.95	-89.40	-222.51	-9,462.43	5,075.10	4,933.40	141.70	35.815		
19,400.00	6,840.00	6,675.14	6,674.13	360.85	1.95	-89.39	-222.51	-9,462.44	5,164.12	5,024.02	140.10	36.861		
19,500.00	6,840.00	6,674.69	6,673.68	363.54	1.95	-89.38	-222.51	-9,462.44	5,253.53	5,114.99	138.54	37.921		
19,600.00	6,840.00	6,674.25	6,673.24	366.24	1.95	-89.37	-222.51	-9,462.44	5,343.32	5,206.29	137.03	38.994		
19,700.00	6,840.00	6,673.81	6,672.80	368.93	1.95	-89.36	-222.51	-9,462.44	5,433.46	5,297.90	135.56	40.081		
19,800.00	6,840.00	6,673.38	6,672.37	371.63	1.95	-89.35	-222.51	-9,462.45	5,523.95	5,389.81	134.14	41.180		
19,900.00	6,840.00	6,672.96	6,671.95	374.32	1.95	-89.34	-222.51	-9,462.45	5,614.75	5,481.99	132.76	42.291		
20,000.00	6,840.00	6,672.54	6,671.53	377.02	1.95	-89.33	-222.51	-9,462.45	5,705.87	5,574.44	131.43	43.415		
20,100.00	6,840.00	6,672.12	6,671.11	379.71	1.95	-89.31	-222.51	-9,462.45	5,797.28	5,667.15	130.13	44.551		
20,200.00	6,840.00	6,671.71	6,670.70	382.41	1.95	-89.30	-222.51	-9,462.46	5,888.96	5,760.09	128.87	45.698		
20,300.00	6,840.00	6,671.30	6,670.29	385.11	1.95	-89.29	-222.51	-9,462.46	5,980.91	5,853.27	127.65	46.856		
20,400.00	6,840.00	6,670.90	6,669.89	387.80	1.95	-89.28	-222.51	-9,462.46	6,073.12	5,946.66	126.46	48.025		
20,500.00	6,840.00	6,670.50	6,669.49	390.50	1.95	-89.28	-222.51	-9,462.46	6,165.57	6,040.27	125.31	49.204		
20,600.00	6,840.00	6,670.11	6,669.10	393.20	1.95	-89.27	-222.51	-9,462.46	6,258.25	6,134.07	124.19	50.394		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	6,669.75	6,668.74	395.67	1.95	-89.26	-222.51	-9,462.47	6,343.41	6,220.22	123.19	51.494	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	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)			
0.00	0.00	0.00	0.00	0.00	0.00	-101.56	-1,683.90	-8,234.56	8,406.04					
100.00	100.00	0.00	0.00	0.13	0.00	-101.56	-1,683.90	-8,234.56	8,405.04	8,404.90	0.13	N/A		
200.00	200.00	130.24	130.24	0.49	0.15	-101.56	-1,683.53	-8,233.85	8,404.44	8,403.80	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-101.55	-1,683.35	-8,233.54	8,403.93	8,402.84	1.09	7,711.541		
400.00	399.98	283.67	283.66	1.21	0.31	-56.95	-1,683.23	-8,233.39	8,402.75	8,401.23	1.52	5,538.950		
500.00	499.84	361.34	361.33	1.57	0.33	-57.02	-1,683.19	-8,233.31	8,399.80	8,397.90	1.89	4,441.096		
600.00	599.45	450.30	450.30	1.94	0.35	-57.15	-1,683.42	-8,233.42	8,395.21	8,392.93	2.29	3,670.221		
700.00	698.70	551.11	551.10	2.32	0.39	-57.33	-1,683.61	-8,233.54	8,388.74	8,386.04	2.70	3,103.328		
800.00	797.47	644.21	644.20	2.73	0.42	-57.55	-1,683.50	-8,233.74	8,380.44	8,377.31	3.13	2,679.833		
900.00	895.62	753.27	753.27	3.16	0.45	-57.84	-1,683.37	-8,234.02	8,370.34	8,366.77	3.57	2,345.326		
1,000.00	993.06	860.56	860.56	3.63	0.47	-58.19	-1,683.41	-8,234.00	8,358.18	8,354.15	4.03	2,073.676		
1,100.00	1,089.64	948.77	948.77	4.14	0.50	-58.56	-1,683.47	-8,234.01	8,344.29	8,339.77	4.53	1,844.038		
1,200.00	1,185.27	1,033.53	1,033.53	4.70	0.52	-58.98	-1,683.49	-8,234.13	8,328.79	8,323.73	5.05	1,647.768		
1,300.00	1,279.82	1,119.25	1,119.24	5.30	0.56	-59.45	-1,683.51	-8,234.37	8,311.72	8,306.08	5.63	1,475.216		
1,400.00	1,373.17	1,217.01	1,217.01	5.96	0.60	-59.99	-1,683.56	-8,234.66	8,293.01	8,286.75	6.26	1,324.986		
1,500.00	1,465.21	1,314.23	1,314.23	6.67	0.63	-60.58	-1,683.83	-8,234.83	8,272.67	8,265.74	6.92	1,195.085		
1,600.00	1,555.84	1,407.46	1,407.45	7.44	0.66	-61.22	-1,684.08	-8,234.95	8,250.75	8,243.11	7.64	1,079.990		
1,700.00	1,645.41	1,476.38	1,476.37	8.26	0.69	-61.51	-1,684.20	-8,235.15	8,227.95	8,219.57	8.39	980.773		
1,800.00	1,734.94	1,572.48	1,572.47	9.09	0.72	-61.78	-1,684.33	-8,235.55	8,205.41	8,196.24	9.17	895.128		
1,900.00	1,824.47	1,658.25	1,658.24	9.94	0.75	-62.02	-1,684.31	-8,235.85	8,182.95	8,172.99	9.96	821.965		
2,000.00	1,913.99	1,737.21	1,737.20	10.80	0.78	-62.24	-1,684.21	-8,236.25	8,160.78	8,150.03	10.75	758.891		
2,100.00	2,003.52	1,841.70	1,841.69	11.66	0.81	-62.54	-1,684.05	-8,236.86	8,138.87	8,127.31	11.56	703.844		
2,200.00	2,093.05	1,960.02	1,960.00	12.53	0.84	-62.87	-1,683.17	-8,237.17	8,116.67	8,104.30	12.38	655.781		
2,300.00	2,182.58	2,071.97	2,071.94	13.40	0.87	-63.18	-1,681.93	-8,237.40	8,094.57	8,081.37	13.20	613.354		
2,400.00	2,272.11	2,158.23	2,158.20	14.28	0.89	-63.42	-1,680.64	-8,237.45	8,072.41	8,058.39	14.02	575.787		
2,500.00	2,361.63	2,245.99	2,245.94	15.16	0.91	-63.67	-1,679.27	-8,237.66	8,050.56	8,035.71	14.85	542.236		
2,600.00	2,451.16	2,351.55	2,351.49	16.04	0.94	-63.97	-1,677.55	-8,237.78	8,028.76	8,013.08	15.68	511.987		
2,700.00	2,540.69	2,505.96	2,505.88	16.92	0.98	-64.40	-1,674.98	-8,237.32	8,006.82	7,990.30	16.52	484.649		
2,800.00	2,630.22	2,566.72	2,566.63	17.81	0.99	-64.58	-1,674.14	-8,236.92	7,984.76	7,967.40	17.36	459.982		
2,900.00	2,719.75	2,649.90	2,649.80	18.70	1.01	-64.82	-1,673.13	-8,236.54	7,963.11	7,944.91	18.20	437.479		
3,000.00	2,809.28	2,746.84	2,746.74	19.58	1.03	-65.10	-1,672.32	-8,235.91	7,941.58	7,922.53	19.05	416.865		
3,100.00	2,898.80	2,827.38	2,827.27	20.47	1.05	-65.34	-1,671.81	-8,235.32	7,920.23	7,900.32	19.90	397.942		
3,200.00	2,988.33	2,892.64	2,892.54	21.36	1.06	-65.54	-1,671.36	-8,235.02	7,899.29	7,878.53	20.76	380.529		
3,300.00	3,077.86	3,031.87	3,031.76	22.26	1.09	-65.95	-1,670.42	-8,234.04	7,878.30	7,856.68	21.62	364.401		
3,400.00	3,167.39	3,100.00	3,099.88	23.15	1.11	-66.16	-1,669.94	-8,233.45	7,857.41	7,834.93	22.49	349.448		
3,500.00	3,256.92	3,164.10	3,163.98	24.04	1.11	-66.35	-1,669.71	-8,233.03	7,836.99	7,813.64	23.35	335.649		
3,600.00	3,346.44	3,221.54	3,221.42	24.93	1.12	-66.53	-1,669.90	-8,232.77	7,817.14	7,792.92	24.22	322.779		
3,700.00	3,435.97	3,277.64	3,277.52	25.83	1.12	-66.70	-1,670.34	-8,232.67	7,797.87	7,772.78	25.09	310.750		
3,800.00	3,525.50	3,352.43	3,352.31	26.72	1.13	-66.94	-1,671.17	-8,232.76	7,779.13	7,753.16	25.98	299.484		
3,900.00	3,615.03	3,454.83	3,454.69	27.62	1.14	-67.26	-1,672.22	-8,232.89	7,760.62	7,733.76	26.86	288.907		
4,000.00	3,704.56	3,547.49	3,547.36	28.51	1.15	-67.55	-1,673.24	-8,232.78	7,742.13	7,714.38	27.75	278.980		
4,100.00	3,794.09	3,620.25	3,620.11	29.41	1.17	-67.79	-1,674.23	-8,232.72	7,723.98	7,695.34	28.64	269.660		
4,200.00	3,883.61	3,685.96	3,685.81	30.30	1.17	-68.00	-1,675.18	-8,232.83	7,706.30	7,676.76	29.54	260.896		
4,300.00	3,973.14	3,757.99	3,757.83	31.20	1.19	-68.23	-1,676.21	-8,233.18	7,689.08	7,658.65	30.44	252.632		
4,400.00	4,062.67	3,837.82	3,837.65	32.10	1.20	-68.48	-1,677.32	-8,233.73	7,672.27	7,640.93	31.34	244.826		
4,500.00	4,152.20	3,918.77	3,918.59	32.99	1.22	-68.74	-1,678.38	-8,234.37	7,655.73	7,623.49	32.24	237.442		
4,600.00	4,241.73	3,983.11	3,982.92	33.89	1.23	-68.95	-1,679.24	-8,235.05	7,639.64	7,606.49	33.15	230.464		
4,700.00	4,331.26	4,042.01	4,041.81	34.79	1.24	-69.14	-1,680.07	-8,235.87	7,624.11	7,590.05	34.06	223.858		
4,800.00	4,420.78	4,100.00	4,099.78	35.69	1.25	-69.33	-1,680.92	-8,236.94	7,609.18	7,574.21	34.97	217.600		
4,900.00	4,510.31	4,143.77	4,143.54	36.58	1.26	-69.47	-1,681.59	-8,237.97	7,594.93	7,559.05	35.88	211.677		
5,000.00	4,599.84	4,200.00	4,199.73	37.48	1.28	-69.65	-1,682.50	-8,239.69	7,581.47	7,544.67	36.79	206.048		
5,100.00	4,689.37	4,258.51	4,258.20	38.38	1.29	-69.83	-1,683.36	-8,241.78	7,568.62	7,530.91	37.71	200.698		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	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)			
5,200.00	4,778.90	4,373.08	4,372.68	39.28	1.32	-70.19	-1,684.46	-8,246.13	7,556.07	7,517.43	38.64	195.551		
5,300.00	4,868.42	4,483.68	4,483.21	40.18	1.34	-70.54	-1,685.23	-8,249.93	7,543.31	7,503.74	39.57	190.633		
5,400.00	4,957.95	4,554.74	4,554.23	41.07	1.36	-70.77	-1,686.00	-8,252.25	7,530.79	7,490.29	40.50	185.962		
5,500.00	5,047.48	5,500.00	4,668.11	41.97	1.59	-71.13	-1,686.76	-8,256.20	7,518.51	7,476.89	41.63	180.616		
5,600.00	5,137.01	4,958.44	4,957.79	42.87	1.45	-72.05	-1,685.41	-8,262.12	7,504.31	7,461.93	42.38	177.062		
5,700.00	5,226.54	5,057.99	5,057.33	43.77	1.48	-72.37	-1,684.97	-8,262.90	7,489.85	7,446.54	43.32	172.910		
5,800.00	5,316.07	5,157.41	5,156.74	44.67	1.50	-72.69	-1,684.69	-8,263.49	7,475.53	7,431.28	44.25	168.929		
5,900.00	5,405.59	5,278.83	5,278.16	45.57	1.53	-73.09	-1,684.07	-8,264.01	7,461.23	7,416.05	45.18	165.127		
6,000.00	5,495.12	5,360.17	5,359.50	46.47	1.54	-73.36	-1,683.63	-8,264.14	7,446.93	7,400.81	46.12	161.478		
6,100.00	5,584.65	5,433.82	5,433.15	47.37	1.55	-73.60	-1,683.59	-8,264.28	7,433.06	7,386.01	47.06	157.961		
6,200.00	5,674.18	5,515.93	5,515.27	48.27	1.57	-73.87	-1,683.63	-8,264.55	7,419.60	7,371.60	48.00	154.568		
6,300.00	5,763.71	5,619.85	5,619.18	49.16	1.60	-74.22	-1,683.61	-8,264.78	7,406.26	7,357.31	48.95	151.305		
6,400.00	5,853.23	5,694.48	5,693.81	50.06	1.62	-74.47	-1,683.60	-8,264.99	7,393.22	7,343.32	49.90	148.172		
6,500.00	5,942.76	5,789.77	5,789.10	50.96	1.64	-74.79	-1,683.39	-8,265.44	7,380.49	7,329.64	50.84	145.161		
6,600.00	6,032.29	5,859.44	5,858.77	51.86	1.66	-75.02	-1,683.17	-8,265.85	7,368.05	7,316.26	51.79	142.269		
6,700.00	6,121.82	5,928.53	5,927.85	52.76	1.67	-75.25	-1,683.31	-8,266.32	7,356.14	7,303.40	52.74	139.480		
6,800.00	6,211.35	6,003.26	6,002.58	53.66	1.69	-75.50	-1,683.60	-8,266.95	7,344.69	7,291.00	53.69	136.785		
6,900.00	6,300.88	6,122.36	6,121.68	54.56	1.72	-75.90	-1,683.54	-8,268.11	7,333.41	7,278.76	54.65	134.185		
7,000.00	6,390.40	6,255.09	6,254.41	55.46	1.75	-76.35	-1,683.43	-8,268.68	7,321.92	7,266.32	55.60	131.690		
7,100.00	6,479.90	6,346.91	6,346.23	56.36	1.75	-75.04	-1,683.34	-8,268.63	7,310.21	7,253.67	56.54	129.295		
7,200.00	6,565.62	6,418.52	6,417.84	57.41	1.75	-65.37	-1,683.41	-8,268.69	7,289.77	7,232.17	57.59	126.570		
7,300.00	6,643.25	6,498.71	6,498.03	58.67	1.77	-61.03	-1,683.46	-8,268.83	7,255.18	7,196.37	58.82	123.347		
7,400.00	6,710.45	6,571.48	6,570.80	60.11	1.79	-60.34	-1,683.34	-8,269.00	7,207.53	7,147.37	60.16	119.805		
7,500.00	6,765.16	6,629.08	6,628.40	61.71	1.79	-62.66	-1,683.14	-8,269.15	7,148.34	7,086.77	61.57	116.094		
7,600.00	6,805.74	6,670.15	6,669.47	63.40	1.79	-68.00	-1,683.12	-8,269.18	7,079.48	7,016.47	63.01	112.347		
7,700.00	6,830.93	6,695.34	6,694.65	65.14	1.79	-76.76	-1,683.18	-8,269.15	7,003.07	6,938.64	64.43	108.687		
7,800.00	6,839.98	6,704.17	6,703.49	66.86	1.79	-89.23	-1,683.21	-8,269.14	6,921.38	6,855.60	65.78	105.223		
7,900.00	6,840.00	6,703.98	6,703.29	68.58	1.79	-89.96	-1,683.21	-8,269.14	6,837.91	6,770.83	67.08	101.932		
8,000.00	6,840.00	6,703.76	6,703.08	70.35	1.79	-89.96	-1,683.21	-8,269.14	6,754.88	6,686.45	68.43	98.711		
8,100.00	6,840.00	6,703.55	6,702.86	72.18	1.79	-89.95	-1,683.21	-8,269.14	6,672.32	6,602.49	69.82	95.559		
8,200.00	6,840.00	6,703.34	6,702.65	74.06	1.79	-89.95	-1,683.21	-8,269.14	6,590.24	6,518.97	71.26	92.477		
8,300.00	6,840.00	6,703.13	6,702.44	75.98	1.79	-89.95	-1,683.21	-8,269.14	6,508.66	6,435.91	72.75	89.466		
8,400.00	6,840.00	6,702.92	6,702.23	77.96	1.79	-89.94	-1,683.21	-8,269.14	6,427.60	6,353.32	74.28	86.528		
8,500.00	6,840.00	6,702.71	6,702.03	79.97	1.79	-89.94	-1,683.21	-8,269.14	6,347.08	6,271.22	75.87	83.662		
8,600.00	6,840.00	6,702.51	6,701.82	82.03	1.79	-89.94	-1,683.20	-8,269.14	6,267.13	6,189.63	77.50	80.869		
8,700.00	6,840.00	6,702.31	6,701.62	84.12	1.79	-89.93	-1,683.20	-8,269.14	6,187.75	6,108.57	79.18	78.149		
8,800.00	6,840.00	6,702.11	6,701.42	86.25	1.79	-89.93	-1,683.20	-8,269.14	6,108.98	6,028.07	80.91	75.502		
8,900.00	6,840.00	6,701.91	6,701.23	88.41	1.79	-89.93	-1,683.20	-8,269.14	6,030.84	5,948.15	82.69	72.929		
9,000.00	6,840.00	6,701.72	6,701.03	90.60	1.79	-89.92	-1,683.20	-8,269.14	5,953.36	5,868.83	84.53	70.428		
9,100.00	6,840.00	6,701.52	6,700.84	92.82	1.79	-89.92	-1,683.20	-8,269.14	5,876.56	5,790.14	86.42	68.000		
9,200.00	6,840.00	6,701.33	6,700.64	95.07	1.79	-89.92	-1,683.20	-8,269.14	5,800.46	5,712.10	88.36	65.645		
9,300.00	6,840.00	6,701.14	6,700.46	97.34	1.79	-89.92	-1,683.20	-8,269.14	5,725.10	5,634.74	90.36	63.360		
9,400.00	6,840.00	6,700.95	6,700.27	99.64	1.79	-89.91	-1,683.20	-8,269.14	5,650.50	5,558.09	92.41	61.147		
9,500.00	6,840.00	6,700.77	6,700.08	101.95	1.79	-89.91	-1,683.20	-8,269.14	5,576.70	5,482.18	94.51	59.004		
9,600.00	6,840.00	6,700.58	6,699.90	104.29	1.79	-89.91	-1,683.20	-8,269.14	5,503.72	5,407.05	96.67	56.930		
9,700.00	6,840.00	6,700.40	6,699.71	106.64	1.79	-89.90	-1,683.20	-8,269.14	5,431.61	5,332.72	98.89	54.925		
9,800.00	6,840.00	6,700.22	6,699.53	109.02	1.79	-89.90	-1,683.20	-8,269.14	5,360.39	5,259.22	101.16	52.987		
9,900.00	6,840.00	6,700.04	6,699.35	111.41	1.79	-89.90	-1,683.19	-8,269.14	5,290.10	5,186.61	103.49	51.116		
10,000.00	6,840.00	6,699.86	6,699.18	113.81	1.79	-89.90	-1,683.19	-8,269.14	5,220.78	5,114.91	105.87	49.311		
10,100.00	6,840.00	6,699.69	6,699.00	116.23	1.79	-89.89	-1,683.19	-8,269.15	5,152.47	5,044.16	108.31	47.570		
10,200.00	6,840.00	6,699.51	6,698.82	118.67	1.79	-89.89	-1,683.19	-8,269.15	5,085.21	4,974.40	110.81	45.892		
10,300.00	6,840.00	6,699.34	6,698.65	121.11	1.79	-89.89	-1,683.19	-8,269.15	5,019.04	4,905.69	113.36	44.277		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	6,699.17	6,698.48	123.57	1.79	-89.89	-1,683.19	-8,269.15	4,954.01	4,838.05	115.96	42.723		
10,500.00	6,840.00	6,699.00	6,698.31	126.04	1.79	-89.88	-1,683.19	-8,269.15	4,890.15	4,771.54	118.61	41.228		
10,600.00	6,840.00	6,698.83	6,698.14	128.52	1.79	-89.88	-1,683.19	-8,269.15	4,827.53	4,706.21	121.32	39.793		
10,700.00	6,840.00	6,698.66	6,697.98	131.01	1.79	-89.88	-1,683.19	-8,269.15	4,766.17	4,642.10	124.07	38.415		
10,800.00	6,840.00	6,698.50	6,697.81	133.51	1.79	-89.88	-1,683.19	-8,269.15	4,706.15	4,579.28	126.87	37.094		
10,900.00	6,840.00	6,698.33	6,697.65	136.02	1.79	-89.87	-1,683.19	-8,269.15	4,647.50	4,517.78	129.72	35.828		
11,000.00	6,840.00	6,698.17	6,697.48	138.53	1.79	-89.87	-1,683.19	-8,269.15	4,590.28	4,457.67	132.61	34.615		
11,100.00	6,840.00	6,698.01	6,697.32	141.06	1.79	-89.87	-1,683.19	-8,269.15	4,534.54	4,399.00	135.54	33.456		
11,200.00	6,840.00	6,697.85	6,697.16	143.59	1.79	-89.87	-1,683.19	-8,269.15	4,480.34	4,341.84	138.50	32.349		
11,300.00	6,840.00	6,697.69	6,697.01	146.13	1.79	-89.86	-1,683.19	-8,269.15	4,427.74	4,286.24	141.50	31.292		
11,400.00	6,840.00	6,697.54	6,696.85	148.68	1.79	-89.86	-1,683.19	-8,269.15	4,376.79	4,232.26	144.52	30.284		
11,500.00	6,840.00	6,697.38	6,696.69	151.23	1.79	-89.86	-1,683.19	-8,269.15	4,327.55	4,179.98	147.57	29.325		
11,600.00	6,840.00	6,697.23	6,696.54	153.79	1.79	-89.86	-1,683.18	-8,269.15	4,280.08	4,129.44	150.64	28.413		
11,700.00	6,840.00	6,697.07	6,696.39	156.35	1.79	-89.85	-1,683.18	-8,269.15	4,234.44	4,080.72	153.72	27.547		
11,800.00	6,840.00	6,696.92	6,696.24	158.92	1.79	-89.85	-1,683.18	-8,269.15	4,190.69	4,033.89	156.80	26.726		
11,900.00	6,840.00	6,696.77	6,696.09	161.49	1.79	-89.85	-1,683.18	-8,269.15	4,148.89	3,989.00	159.89	25.949		
12,000.00	6,840.00	6,696.62	6,695.94	164.07	1.79	-89.85	-1,683.18	-8,269.15	4,109.10	3,946.13	162.96	25.215		
12,100.00	6,840.00	6,696.48	6,695.79	166.66	1.79	-89.85	-1,683.18	-8,269.15	4,071.38	3,905.35	166.03	24.522		
12,200.00	6,840.00	6,696.33	6,695.64	169.25	1.79	-89.84	-1,683.18	-8,269.15	4,035.78	3,866.71	169.07	23.870		
12,300.00	6,840.00	6,696.19	6,695.50	171.84	1.79	-89.84	-1,683.18	-8,269.15	4,002.36	3,830.28	172.08	23.259		
12,400.00	6,840.00	6,696.04	6,695.36	174.44	1.79	-89.84	-1,683.18	-8,269.15	3,971.19	3,796.13	175.05	22.686		
12,500.00	6,840.00	6,695.90	6,695.21	177.04	1.79	-89.84	-1,683.18	-8,269.15	3,942.30	3,764.32	177.98	22.150		
12,600.00	6,840.00	6,695.76	6,695.07	179.64	1.79	-89.83	-1,683.18	-8,269.15	3,915.75	3,734.91	180.85	21.652		
12,700.00	6,840.00	6,695.62	6,694.93	182.25	1.79	-89.83	-1,683.18	-8,269.15	3,891.60	3,707.94	183.65	21.190		
12,800.00	6,840.00	6,695.48	6,694.79	184.86	1.79	-89.83	-1,683.18	-8,269.15	3,869.88	3,683.49	186.39	20.763		
12,900.00	6,840.00	6,695.34	6,694.65	187.47	1.79	-89.83	-1,683.18	-8,269.15	3,850.63	3,661.59	189.04	20.370		
13,000.00	6,840.00	6,695.20	6,694.52	190.09	1.79	-89.83	-1,683.18	-8,269.15	3,833.89	3,642.30	191.60	20.010		
13,100.00	6,840.00	6,695.07	6,694.38	192.71	1.79	-89.82	-1,683.18	-8,269.15	3,819.71	3,625.65	194.06	19.683		
13,200.00	6,840.00	6,694.93	6,694.25	195.34	1.79	-89.82	-1,683.18	-8,269.15	3,808.09	3,611.68	196.41	19.388		
13,300.00	6,840.00	6,694.80	6,694.11	197.96	1.79	-89.82	-1,683.18	-8,269.15	3,799.07	3,600.42	198.66	19.124		
13,400.00	6,840.00	6,694.67	6,693.98	200.59	1.79	-89.82	-1,683.18	-8,269.15	3,792.67	3,591.89	200.78	18.890		
13,500.00	6,840.00	6,694.54	6,693.85	203.22	1.79	-89.82	-1,683.18	-8,269.15	3,788.90	3,586.13	202.78	18.685		
13,592.98	6,840.00	6,694.42	6,693.73	205.67	1.79	-89.81	-1,683.18	-8,269.15	3,787.76	3,583.24	204.52	18.521 CC		
13,600.00	6,840.00	6,694.41	6,693.72	205.85	1.79	-89.81	-1,683.18	-8,269.15	3,787.77	3,583.12	204.64	18.509		
13,700.00	6,840.00	6,694.28	6,693.59	208.49	1.79	-89.81	-1,683.17	-8,269.16	3,789.27	3,582.90	206.38	18.361 ES		
13,800.00	6,840.00	6,694.15	6,693.46	211.13	1.79	-89.81	-1,683.17	-8,269.16	3,793.41	3,585.45	207.97	18.240		
13,900.00	6,840.00	6,694.02	6,693.34	213.77	1.79	-89.81	-1,683.17	-8,269.16	3,800.18	3,590.76	209.42	18.146		
14,000.00	6,840.00	6,693.90	6,693.21	216.41	1.79	-89.81	-1,683.17	-8,269.16	3,809.57	3,598.83	210.73	18.078		
14,100.00	6,840.00	6,693.77	6,693.08	219.06	1.79	-89.80	-1,683.17	-8,269.16	3,821.54	3,609.65	211.90	18.035		
14,200.00	6,840.00	6,693.65	6,692.96	221.70	1.79	-89.80	-1,683.17	-8,269.16	3,836.09	3,623.17	212.92	18.016 SF		
14,300.00	6,840.00	6,693.52	6,692.84	224.35	1.79	-89.80	-1,683.17	-8,269.16	3,853.18	3,639.38	213.81	18.022		
14,400.00	6,840.00	6,693.40	6,692.71	227.00	1.79	-89.80	-1,683.17	-8,269.16	3,872.78	3,658.23	214.55	18.051		
14,500.00	6,840.00	6,693.28	6,692.59	229.65	1.79	-89.80	-1,683.17	-8,269.16	3,894.85	3,679.69	215.16	18.102		
14,600.00	6,840.00	6,693.16	6,692.47	232.30	1.79	-89.80	-1,683.17	-8,269.16	3,919.34	3,703.71	215.63	18.177		
14,700.00	6,840.00	6,693.04	6,692.35	234.96	1.79	-89.79	-1,683.17	-8,269.16	3,946.22	3,730.25	215.97	18.272		
14,800.00	6,840.00	6,692.92	6,692.23	237.61	1.79	-89.79	-1,683.17	-8,269.16	3,975.43	3,759.25	216.18	18.389		
14,900.00	6,840.00	6,692.80	6,692.12	240.27	1.79	-89.79	-1,683.17	-8,269.16	4,006.92	3,790.65	216.28	18.527		
15,000.00	6,840.00	6,692.68	6,692.00	242.93	1.79	-89.79	-1,683.17	-8,269.16	4,040.65	3,824.39	216.26	18.684		
15,100.00	6,840.00	6,692.57	6,691.88	245.59	1.79	-89.79	-1,683.17	-8,269.16	4,076.55	3,860.42	216.13	18.861		
15,200.00	6,840.00	6,692.45	6,691.77	248.25	1.79	-89.78	-1,683.17	-8,269.16	4,114.57	3,898.67	215.90	19.058		
15,300.00	6,840.00	6,692.34	6,691.65	250.92	1.79	-89.78	-1,683.17	-8,269.16	4,154.64	3,939.07	215.57	19.273		
15,400.00	6,840.00	6,692.23	6,691.54	253.58	1.79	-89.78	-1,683.17	-8,269.16	4,196.72	3,981.57	215.15	19.506		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,500.00	6,840.00	6,692.11	6,691.43	256.25	1.79	-89.78	-1,683.17	-8,269.16	4,240.74	4,026.10	214.64	19.757		
15,600.00	6,840.00	6,692.00	6,691.32	258.91	1.79	-89.78	-1,683.17	-8,269.16	4,286.64	4,072.58	214.06	20.026		
15,700.00	6,840.00	6,691.89	6,691.20	261.58	1.79	-89.78	-1,683.17	-8,269.16	4,334.36	4,120.96	213.40	20.311		
15,800.00	6,840.00	6,691.78	6,691.09	264.25	1.79	-89.77	-1,683.17	-8,269.16	4,383.84	4,171.16	212.68	20.613		
15,900.00	6,840.00	6,691.67	6,690.99	266.92	1.79	-89.77	-1,683.17	-8,269.16	4,435.03	4,223.14	211.89	20.930		
16,000.00	6,840.00	6,691.56	6,690.88	269.59	1.79	-89.77	-1,683.17	-8,269.16	4,487.86	4,276.81	211.06	21.264		
16,100.00	6,840.00	6,691.45	6,690.77	272.26	1.79	-89.77	-1,683.17	-8,269.16	4,542.28	4,332.11	210.17	21.613		
16,200.00	6,840.00	6,691.35	6,690.66	274.94	1.79	-89.77	-1,683.17	-8,269.16	4,598.23	4,388.99	209.23	21.977		
16,300.00	6,840.00	6,691.24	6,690.56	277.61	1.79	-89.77	-1,683.17	-8,269.16	4,655.65	4,447.39	208.26	22.355		
16,400.00	6,840.00	6,691.14	6,690.45	280.28	1.79	-89.76	-1,683.17	-8,269.16	4,714.50	4,507.25	207.25	22.748		
16,500.00	6,840.00	6,691.03	6,690.35	282.96	1.79	-89.76	-1,683.16	-8,269.16	4,774.72	4,568.50	206.21	23.154		
16,600.00	6,840.00	6,690.93	6,690.24	285.64	1.79	-89.76	-1,683.16	-8,269.16	4,836.25	4,631.10	205.15	23.574		
16,700.00	6,840.00	6,690.82	6,690.14	288.31	1.79	-89.76	-1,683.16	-8,269.16	4,899.05	4,694.99	204.06	24.007		
16,800.00	6,840.00	6,690.72	6,690.04	290.99	1.79	-89.76	-1,683.16	-8,269.16	4,963.08	4,760.12	202.96	24.454		
16,900.00	6,840.00	6,690.62	6,689.93	293.67	1.79	-89.76	-1,683.16	-8,269.16	5,028.27	4,826.44	201.84	24.913		
17,000.00	6,840.00	6,700.00	6,699.31	296.35	1.79	-89.90	-1,683.19	-8,269.14	5,094.61	4,893.89	200.72	25.381		
17,100.00	6,840.00	6,700.00	6,699.31	299.03	1.79	-89.90	-1,683.19	-8,269.14	5,162.02	4,962.44	199.58	25.865		
17,200.00	6,840.00	6,700.00	6,699.31	301.71	1.79	-89.90	-1,683.19	-8,269.14	5,230.48	5,032.05	198.43	26.359		
17,300.00	6,840.00	6,700.00	6,699.31	304.39	1.79	-89.90	-1,683.19	-8,269.14	5,299.93	5,102.66	197.27	26.866		
17,400.00	6,840.00	6,700.00	6,699.31	307.08	1.79	-89.90	-1,683.19	-8,269.14	5,370.35	5,174.24	196.12	27.383		
17,500.00	6,840.00	6,700.00	6,699.31	309.76	1.79	-89.90	-1,683.19	-8,269.14	5,441.70	5,246.74	194.96	27.912		
17,600.00	6,840.00	6,700.00	6,699.31	312.44	1.79	-89.90	-1,683.19	-8,269.14	5,513.94	5,320.13	193.81	28.451		
17,700.00	6,840.00	6,700.00	6,699.31	315.13	1.79	-89.90	-1,683.19	-8,269.14	5,587.03	5,394.38	192.65	29.000		
17,800.00	6,840.00	6,700.00	6,699.31	317.81	1.79	-89.90	-1,683.19	-8,269.14	5,660.95	5,469.44	191.51	29.560		
17,900.00	6,840.00	6,700.00	6,699.31	320.50	1.79	-89.90	-1,683.19	-8,269.14	5,735.65	5,545.29	190.36	30.130		
18,000.00	6,840.00	6,700.00	6,699.31	323.19	1.79	-89.90	-1,683.19	-8,269.14	5,811.12	5,621.89	189.23	30.709		
18,100.00	6,840.00	6,700.00	6,699.31	325.87	1.79	-89.90	-1,683.19	-8,269.14	5,887.32	5,699.22	188.10	31.298		
18,200.00	6,840.00	6,700.00	6,699.31	328.56	1.79	-89.90	-1,683.19	-8,269.14	5,964.22	5,777.24	186.99	31.896		
18,300.00	6,840.00	6,700.00	6,699.31	331.25	1.79	-89.90	-1,683.19	-8,269.14	6,041.80	5,855.92	185.88	32.504		
18,400.00	6,840.00	6,700.00	6,699.31	333.94	1.79	-89.90	-1,683.19	-8,269.14	6,120.03	5,935.24	184.78	33.120		
18,500.00	6,840.00	6,700.00	6,699.31	336.63	1.79	-89.90	-1,683.19	-8,269.14	6,198.88	6,015.18	183.70	33.744		
18,600.00	6,840.00	6,700.00	6,699.31	339.32	1.79	-89.90	-1,683.19	-8,269.14	6,278.34	6,095.71	182.63	34.378		
18,700.00	6,840.00	6,700.00	6,699.31	342.01	1.79	-89.90	-1,683.19	-8,269.14	6,358.38	6,176.81	181.57	35.019		
18,800.00	6,840.00	6,700.00	6,699.31	344.70	1.79	-89.90	-1,683.19	-8,269.14	6,438.97	6,258.45	180.52	35.669		
18,900.00	6,840.00	6,700.00	6,699.31	347.39	1.79	-89.90	-1,683.19	-8,269.14	6,520.11	6,340.62	179.49	36.326		
19,000.00	6,840.00	6,700.00	6,699.31	350.08	1.79	-89.90	-1,683.19	-8,269.14	6,601.76	6,423.29	178.47	36.991		
19,100.00	6,840.00	6,700.00	6,699.31	352.77	1.79	-89.90	-1,683.19	-8,269.14	6,683.91	6,506.44	177.46	37.664		
19,200.00	6,840.00	6,700.00	6,699.31	355.46	1.79	-89.90	-1,683.19	-8,269.14	6,766.54	6,590.07	176.47	38.344		
19,300.00	6,840.00	6,700.00	6,699.31	358.16	1.79	-89.90	-1,683.19	-8,269.14	6,849.63	6,674.14	175.49	39.031		
19,400.00	6,840.00	6,700.00	6,699.31	360.85	1.79	-89.90	-1,683.19	-8,269.14	6,933.17	6,758.64	174.53	39.725		
19,500.00	6,840.00	6,700.00	6,699.31	363.54	1.79	-89.90	-1,683.19	-8,269.14	7,017.14	6,843.56	173.58	40.426		
19,600.00	6,840.00	6,700.00	6,699.31	366.24	1.79	-89.90	-1,683.19	-8,269.14	7,101.52	6,928.88	172.65	41.133		
19,700.00	6,840.00	6,700.00	6,699.31	368.93	1.79	-89.90	-1,683.19	-8,269.14	7,186.31	7,014.58	171.73	41.848		
19,800.00	6,840.00	6,700.00	6,699.31	371.63	1.79	-89.90	-1,683.19	-8,269.14	7,271.48	7,100.66	170.82	42.568		
19,900.00	6,840.00	6,700.00	6,699.31	374.32	1.79	-89.90	-1,683.19	-8,269.14	7,357.03	7,187.10	169.93	43.295		
20,000.00	6,840.00	6,700.00	6,699.31	377.02	1.79	-89.90	-1,683.19	-8,269.14	7,442.93	7,273.89	169.05	44.028		
20,100.00	6,840.00	6,700.00	6,699.31	379.71	1.79	-89.90	-1,683.19	-8,269.14	7,529.19	7,361.00	168.19	44.767		
20,200.00	6,840.00	6,700.00	6,699.31	382.41	1.79	-89.90	-1,683.19	-8,269.14	7,615.78	7,448.44	167.34	45.512		
20,300.00	6,840.00	6,700.00	6,699.31	385.11	1.79	-89.90	-1,683.19	-8,269.14	7,702.69	7,536.19	166.50	46.262		
20,400.00	6,840.00	6,700.00	6,699.31	387.80	1.79	-89.90	-1,683.19	-8,269.14	7,789.92	7,624.25	165.68	47.019		
20,500.00	6,840.00	6,700.00	6,699.31	390.50	1.79	-89.90	-1,683.19	-8,269.14	7,877.46	7,712.59	164.87	47.780		
20,600.00	6,840.00	6,700.00	6,699.31	393.20	1.79	-89.90	-1,683.19	-8,269.14	7,965.28	7,801.21	164.07	48.547		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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					
20,691.67	6,840.00	6,700.00	6,699.31	395.67	1.79	-89.90	-1,683.19	-8,269.14	8,046.04	7,882.68	163.36	49.254					

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-103.96	-1,713.46	-6,895.25	7,105.99					
100.00	100.00	0.00	0.00	0.13	0.00	-103.96	-1,713.46	-6,895.25	7,104.99	7,104.86	0.13	N/A		
121.53	121.53	0.48	0.48	0.21	0.00	-103.96	-1,713.46	-6,895.25	7,104.96	7,104.75	0.21	N/A		
200.00	200.00	71.85	71.85	0.49	0.08	-103.95	-1,713.38	-6,895.31	7,105.00	7,104.43	0.57	N/A		
300.00	300.00	174.52	174.52	0.85	0.20	-103.95	-1,713.08	-6,895.50	7,105.11	7,104.05	1.05	6,755.898		
400.00	399.98	268.52	268.52	1.21	0.29	-59.34	-1,712.79	-6,895.65	7,104.30	7,102.80	1.49	4,754.972		
500.00	499.84	373.53	373.52	1.57	0.37	-59.42	-1,712.41	-6,895.90	7,101.78	7,099.86	1.92	3,694.182		
600.00	599.45	480.11	480.11	1.94	0.44	-59.55	-1,711.79	-6,896.07	7,097.36	7,095.01	2.35	3,021.592		
700.00	698.70	580.57	580.56	2.32	0.50	-59.74	-1,711.25	-6,896.17	7,091.13	7,088.35	2.78	2,553.515		
800.00	797.47	679.16	679.15	2.73	0.55	-59.99	-1,710.84	-6,896.23	7,083.16	7,079.94	3.22	2,202.361		
900.00	895.62	776.10	776.09	3.16	0.60	-60.28	-1,710.50	-6,896.29	7,073.49	7,069.82	3.67	1,925.850		
1,000.00	993.06	870.50	870.49	3.63	0.64	-60.63	-1,710.21	-6,896.36	7,062.18	7,058.03	4.15	1,700.612		
1,100.00	1,089.64	964.20	964.19	4.14	0.68	-61.03	-1,709.99	-6,896.46	7,049.27	7,044.61	4.66	1,512.727		
1,200.00	1,185.27	1,059.39	1,059.38	4.70	0.71	-61.48	-1,709.95	-6,896.54	7,034.80	7,029.61	5.19	1,354.671		
1,300.00	1,279.82	1,150.11	1,150.10	5.30	0.72	-61.99	-1,710.03	-6,896.60	7,018.79	7,013.02	5.77	1,216.683		
1,400.00	1,373.17	1,238.04	1,238.03	5.96	0.74	-62.53	-1,710.15	-6,896.72	7,001.38	6,994.98	6.40	1,094.776		
1,500.00	1,465.21	1,327.97	1,327.96	6.67	0.77	-63.13	-1,710.42	-6,896.85	6,982.58	6,975.51	7.07	987.500		
1,600.00	1,555.84	1,417.95	1,417.94	7.44	0.79	-63.79	-1,710.76	-6,896.98	6,962.43	6,954.63	7.80	892.719		
1,700.00	1,645.41	1,505.02	1,505.01	8.26	0.81	-64.17	-1,711.10	-6,897.12	6,941.46	6,932.89	8.57	810.098		
1,800.00	1,734.94	1,595.42	1,595.41	9.09	0.83	-64.48	-1,711.48	-6,897.26	6,920.67	6,911.32	9.36	739.582		
1,900.00	1,824.47	1,676.17	1,676.15	9.94	0.85	-64.76	-1,711.84	-6,897.43	6,900.17	6,890.01	10.16	679.258		
2,000.00	1,913.99	1,760.52	1,760.51	10.80	0.87	-65.05	-1,712.21	-6,897.71	6,879.99	6,869.02	10.97	626.981		
2,100.00	2,003.52	1,854.40	1,854.38	11.66	0.90	-65.38	-1,712.55	-6,898.06	6,860.06	6,848.26	11.80	581.290		
2,200.00	2,093.05	1,948.50	1,948.49	12.53	0.93	-65.70	-1,712.75	-6,898.35	6,840.27	6,827.63	12.64	541.198		
2,300.00	2,182.58	2,052.93	2,052.91	13.40	0.94	-66.07	-1,712.94	-6,898.61	6,820.66	6,807.19	13.47	506.357		
2,400.00	2,272.11	2,157.08	2,157.07	14.28	0.95	-66.43	-1,712.92	-6,898.58	6,800.97	6,786.67	14.30	475.624		
2,500.00	2,361.63	2,247.64	2,247.63	15.16	0.96	-66.75	-1,712.85	-6,898.51	6,781.47	6,766.33	15.14	447.988		
2,600.00	2,451.16	2,332.32	2,332.31	16.04	0.97	-67.05	-1,712.86	-6,898.42	6,762.22	6,746.24	15.98	423.234		
2,700.00	2,540.69	2,400.00	2,399.98	16.92	0.97	-67.29	-1,712.86	-6,898.46	6,743.34	6,726.52	16.82	400.895		
2,800.00	2,630.22	2,465.20	2,465.19	17.81	0.99	-67.52	-1,712.84	-6,898.73	6,725.02	6,707.33	17.69	380.194		
2,900.00	2,719.75	2,535.43	2,535.41	18.70	1.01	-67.77	-1,712.82	-6,899.39	6,707.33	6,688.77	18.56	361.353		
3,000.00	2,809.28	2,622.75	2,622.72	19.58	1.04	-68.08	-1,712.72	-6,900.32	6,689.98	6,670.54	19.44	344.084		
3,100.00	2,898.80	2,707.32	2,707.29	20.47	1.06	-68.38	-1,712.58	-6,901.30	6,672.93	6,652.61	20.33	328.267		
3,200.00	2,988.33	2,796.77	2,796.73	21.36	1.09	-68.70	-1,712.56	-6,902.32	6,656.17	6,634.95	21.22	313.706		
3,300.00	3,077.86	2,889.75	2,889.71	22.26	1.12	-69.03	-1,712.62	-6,903.33	6,639.63	6,617.52	22.11	300.255		
3,400.00	3,167.39	3,040.84	3,040.80	23.15	1.14	-69.59	-1,713.15	-6,903.83	6,622.74	6,599.74	23.00	287.903		
3,500.00	3,256.92	3,117.99	3,117.94	24.04	1.15	-69.88	-1,714.15	-6,903.53	6,605.91	6,582.02	23.90	276.419		
3,600.00	3,346.44	3,177.68	3,177.62	24.93	1.16	-70.11	-1,715.27	-6,903.39	6,589.67	6,564.88	24.79	265.770		
3,700.00	3,435.97	3,238.31	3,238.23	25.83	1.18	-70.34	-1,716.60	-6,903.45	6,574.10	6,548.41	25.70	255.844		
3,800.00	3,525.50	3,300.00	3,299.91	26.72	1.19	-70.58	-1,717.94	-6,903.80	6,559.19	6,532.59	26.60	246.571		
3,900.00	3,615.03	3,371.15	3,371.04	27.62	1.21	-70.85	-1,719.38	-6,904.52	6,544.87	6,517.36	27.51	237.880		
4,000.00	3,704.56	3,461.71	3,461.57	28.51	1.23	-71.20	-1,720.90	-6,905.75	6,530.99	6,502.56	28.43	229.703		
4,100.00	3,794.09	3,580.11	3,579.96	29.41	1.26	-71.64	-1,721.75	-6,907.55	6,517.17	6,487.81	29.36	221.986		
4,200.00	3,883.61	3,683.28	3,683.12	30.30	1.29	-72.02	-1,721.59	-6,909.11	6,503.26	6,472.97	30.28	214.745		
4,300.00	3,973.14	3,790.52	3,790.34	31.20	1.33	-72.42	-1,721.16	-6,910.61	6,489.43	6,458.22	31.21	207.925		
4,400.00	4,062.67	3,884.53	3,884.35	32.10	1.35	-72.77	-1,720.75	-6,911.75	6,475.70	6,443.57	32.14	201.499		
4,500.00	4,152.20	3,985.85	3,985.66	32.99	1.38	-73.15	-1,720.46	-6,912.80	6,462.15	6,429.09	33.07	195.415		
4,600.00	4,241.73	4,083.19	4,083.00	33.89	1.41	-73.52	-1,720.39	-6,913.53	6,448.73	6,414.72	34.00	189.654		
4,700.00	4,331.26	4,163.09	4,162.89	34.79	1.43	-73.82	-1,720.57	-6,914.01	6,435.57	6,400.64	34.94	184.197		
4,800.00	4,420.78	4,257.82	4,257.62	35.69	1.46	-74.19	-1,720.86	-6,914.67	6,422.81	6,386.94	35.88	179.010		
4,900.00	4,510.31	4,364.95	4,364.75	36.58	1.49	-74.60	-1,721.24	-6,915.08	6,410.11	6,373.28	36.82	174.078		
5,000.00	4,599.84	4,465.74	4,465.54	37.48	1.51	-75.00	-1,721.63	-6,915.21	6,397.48	6,359.72	37.76	169.403		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,727.37	4,727.15	38.38	1.52	-76.03	-1,722.00	-6,912.32	6,384.49	6,345.82	38.67	165.107		
5,200.00	4,778.90	4,846.11	4,845.81	39.28	1.52	-76.52	-1,722.86	-6,908.04	6,369.66	6,330.07	39.59	160.891		
5,300.00	4,868.42	4,926.81	4,926.44	40.18	1.53	-76.86	-1,723.75	-6,904.85	6,355.08	6,314.55	40.52	156.827		
5,400.00	4,957.95	4,996.67	4,996.24	41.07	1.53	-77.15	-1,724.60	-6,902.24	6,341.02	6,299.56	41.46	152.943		
5,500.00	5,047.48	5,043.55	5,043.09	41.97	1.53	-77.35	-1,725.18	-6,900.72	6,327.70	6,285.30	42.40	149.228		
5,600.00	5,137.01	5,100.00	5,099.52	42.87	1.53	-77.58	-1,725.88	-6,899.38	6,315.30	6,271.96	43.34	145.699		
5,700.00	5,226.54	5,174.62	5,174.12	43.77	1.54	-77.89	-1,726.76	-6,897.96	6,303.58	6,259.30	44.29	142.337		
5,800.00	5,316.07	5,243.70	5,243.19	44.67	1.54	-78.18	-1,727.47	-6,896.72	6,292.25	6,247.02	45.23	139.118		
5,900.00	5,405.59	5,304.83	5,304.31	45.57	1.55	-78.43	-1,727.92	-6,896.07	6,281.62	6,235.45	46.17	136.043		
6,000.00	5,495.12	5,389.96	5,389.44	46.47	1.56	-78.78	-1,728.54	-6,895.41	6,271.53	6,224.41	47.12	133.101		
6,100.00	5,584.65	5,461.12	5,460.60	47.37	1.56	-79.07	-1,729.20	-6,894.90	6,261.89	6,213.82	48.07	130.276		
6,200.00	5,674.18	5,532.89	5,532.36	48.27	1.58	-79.36	-1,729.95	-6,894.58	6,252.84	6,203.82	49.02	127.567		
6,300.00	5,763.71	5,610.34	5,609.81	49.16	1.59	-79.68	-1,730.82	-6,894.44	6,244.32	6,194.35	49.97	124.965		
6,400.00	5,853.23	5,715.26	5,714.72	50.06	1.61	-80.11	-1,731.52	-6,894.52	6,236.11	6,185.19	50.92	122.461		
6,500.00	5,942.76	5,875.88	5,875.33	50.96	1.62	-80.76	-1,730.63	-6,894.60	6,227.58	6,175.72	51.86	120.091		
6,600.00	6,032.29	6,004.56	6,004.01	51.86	1.62	-81.28	-1,729.48	-6,893.50	6,218.48	6,165.69	52.79	117.796		
6,700.00	6,121.82	6,095.94	6,095.38	52.76	1.62	-81.65	-1,728.88	-6,892.25	6,209.45	6,155.72	53.73	115.565		
6,800.00	6,211.35	6,181.16	6,180.59	53.66	1.63	-82.00	-1,728.40	-6,891.03	6,200.74	6,146.07	54.67	113.414		
6,900.00	6,300.88	6,255.09	6,254.50	54.56	1.63	-82.31	-1,728.09	-6,890.03	6,192.47	6,136.85	55.62	111.340		
7,000.00	6,390.40	6,327.39	6,326.80	55.46	1.63	-82.61	-1,727.95	-6,889.18	6,184.77	6,128.21	56.56	109.344		
7,100.00	6,479.90	6,402.77	6,402.18	56.36	1.64	-81.28	-1,727.91	-6,888.45	6,177.52	6,120.01	57.51	107.420		
7,200.00	6,565.62	6,488.20	6,487.61	57.41	1.64	-71.62	-1,727.95	-6,887.68	6,162.06	6,103.48	58.58	105.191		
7,300.00	6,643.25	6,570.21	6,569.61	58.67	1.65	-67.30	-1,728.03	-6,886.87	6,133.31	6,073.47	59.84	102.494		
7,400.00	6,710.45	6,637.14	6,636.54	60.11	1.66	-66.54	-1,728.10	-6,886.14	6,092.30	6,031.04	61.26	99.453		
7,500.00	6,765.16	6,688.80	6,688.19	61.71	1.66	-68.58	-1,728.18	-6,885.59	6,040.47	5,977.68	62.79	96.201		
7,600.00	6,805.74	6,721.39	6,720.78	63.40	1.67	-73.13	-1,728.25	-6,885.24	5,979.53	5,915.14	64.39	92.867		
7,700.00	6,830.93	6,739.88	6,739.27	65.14	1.67	-80.23	-1,728.33	-6,885.05	5,911.34	5,845.35	65.99	89.573		
7,800.00	6,839.98	6,746.00	6,745.39	66.86	1.67	-89.84	-1,728.36	-6,884.98	5,837.93	5,770.38	67.55	86.421		
7,900.00	6,840.00	6,745.21	6,744.60	68.58	1.67	-90.38	-1,728.35	-6,884.99	5,762.80	5,693.71	69.08	83.417		
8,000.00	6,840.00	6,744.40	6,743.80	70.35	1.67	-90.37	-1,728.35	-6,885.00	5,688.42	5,617.75	70.67	80.494		
8,100.00	6,840.00	6,743.60	6,742.99	72.18	1.67	-90.36	-1,728.34	-6,885.01	5,614.83	5,542.53	72.31	77.652		
8,200.00	6,840.00	6,742.79	6,742.18	74.06	1.67	-90.35	-1,728.34	-6,885.02	5,542.08	5,468.08	74.00	74.891		
8,300.00	6,840.00	6,741.99	6,741.38	75.98	1.67	-90.34	-1,728.34	-6,885.03	5,470.18	5,394.43	75.75	72.214		
8,400.00	6,840.00	6,741.18	6,740.57	77.96	1.67	-90.32	-1,728.33	-6,885.03	5,399.18	5,321.63	77.55	69.620		
8,500.00	6,840.00	6,740.37	6,739.76	79.97	1.67	-90.31	-1,728.33	-6,885.04	5,329.11	5,249.70	79.41	67.109		
8,600.00	6,840.00	6,739.57	6,738.96	82.03	1.67	-90.30	-1,728.32	-6,885.05	5,260.01	5,178.69	81.32	64.681		
8,700.00	6,840.00	6,738.76	6,738.15	84.12	1.67	-90.29	-1,728.32	-6,885.06	5,191.91	5,108.62	83.29	62.335		
8,800.00	6,840.00	6,737.95	6,737.34	86.25	1.67	-90.27	-1,728.32	-6,885.07	5,124.86	5,039.55	85.31	60.072		
8,900.00	6,840.00	6,737.14	6,736.53	88.41	1.67	-90.26	-1,728.31	-6,885.08	5,058.90	4,971.51	87.39	57.890		
9,000.00	6,840.00	6,736.33	6,735.73	90.60	1.67	-90.25	-1,728.31	-6,885.09	4,994.07	4,904.55	89.52	55.789		
9,100.00	6,840.00	6,735.53	6,734.92	92.82	1.67	-90.24	-1,728.31	-6,885.09	4,930.41	4,838.72	91.70	53.768		
9,200.00	6,840.00	6,734.72	6,734.11	95.07	1.67	-90.23	-1,728.30	-6,885.10	4,867.98	4,774.05	93.93	51.825		
9,300.00	6,840.00	6,733.91	6,733.30	97.34	1.67	-90.21	-1,728.30	-6,885.11	4,806.82	4,710.60	96.21	49.960		
9,400.00	6,840.00	6,733.10	6,732.49	99.64	1.67	-90.20	-1,728.30	-6,885.12	4,746.97	4,648.42	98.55	48.170		
9,500.00	6,840.00	6,732.29	6,731.68	101.95	1.67	-90.19	-1,728.29	-6,885.13	4,688.49	4,587.57	100.92	46.455		
9,600.00	6,840.00	6,731.48	6,730.87	104.29	1.67	-90.18	-1,728.29	-6,885.14	4,631.44	4,528.09	103.35	44.814		
9,700.00	6,840.00	6,730.67	6,730.06	106.64	1.67	-90.17	-1,728.29	-6,885.14	4,575.86	4,470.04	105.82	43.244		
9,800.00	6,840.00	6,729.86	6,729.25	109.02	1.67	-90.15	-1,728.28	-6,885.15	4,521.80	4,413.48	108.32	41.744		
9,900.00	6,840.00	6,729.05	6,728.44	111.41	1.67	-90.14	-1,728.28	-6,885.16	4,469.34	4,358.47	110.86	40.313		
10,000.00	6,840.00	6,728.24	6,727.63	113.81	1.67	-90.13	-1,728.28	-6,885.17	4,418.51	4,305.06	113.44	38.950		
10,100.00	6,840.00	6,727.43	6,726.82	116.23	1.67	-90.12	-1,728.27	-6,885.18	4,369.37	4,253.33	116.05	37.652		
10,200.00	6,840.00	6,726.62	6,726.01	118.67	1.67	-90.10	-1,728.27	-6,885.19	4,322.00	4,203.32	118.68	36.417		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,725.81	6,725.20	121.11	1.67	-90.09	-1,728.27	-6,885.20	4,276.44	4,155.10	121.33	35.245		
10,400.00	6,840.00	6,724.99	6,724.39	123.57	1.67	-90.08	-1,728.26	-6,885.20	4,232.75	4,108.74	124.00	34.134		
10,500.00	6,840.00	6,724.18	6,723.57	126.04	1.67	-90.07	-1,728.26	-6,885.21	4,190.99	4,064.30	126.68	33.082		
10,600.00	6,840.00	6,723.37	6,722.76	128.52	1.67	-90.06	-1,728.26	-6,885.22	4,151.22	4,021.85	129.37	32.088		
10,700.00	6,840.00	6,722.56	6,721.95	131.01	1.67	-90.04	-1,728.25	-6,885.23	4,113.49	3,981.44	132.05	31.150		
10,800.00	6,840.00	6,721.74	6,721.14	133.51	1.67	-90.03	-1,728.25	-6,885.24	4,077.87	3,943.14	134.73	30.266		
10,900.00	6,840.00	6,720.93	6,720.33	136.02	1.67	-90.02	-1,728.25	-6,885.25	4,044.41	3,907.01	137.40	29.436		
11,000.00	6,840.00	6,720.12	6,719.51	138.53	1.67	-90.01	-1,728.25	-6,885.26	4,013.17	3,873.12	140.04	28.657		
11,100.00	6,840.00	6,719.31	6,718.70	141.06	1.67	-90.00	-1,728.24	-6,885.26	3,984.18	3,841.52	142.66	27.928		
11,200.00	6,840.00	6,718.49	6,717.89	143.59	1.67	-89.98	-1,728.24	-6,885.27	3,957.52	3,812.27	145.24	27.248		
11,300.00	6,840.00	6,717.68	6,717.07	146.13	1.67	-89.97	-1,728.24	-6,885.28	3,933.21	3,785.43	147.78	26.615		
11,400.00	6,840.00	6,716.86	6,716.26	148.68	1.67	-89.96	-1,728.24	-6,885.29	3,911.31	3,761.04	150.27	26.028		
11,500.00	6,840.00	6,716.05	6,715.44	151.23	1.66	-89.95	-1,728.23	-6,885.30	3,891.86	3,739.15	152.71	25.486		
11,600.00	6,840.00	6,715.23	6,714.63	153.79	1.66	-89.93	-1,728.23	-6,885.31	3,874.89	3,719.82	155.08	24.987		
11,700.00	6,840.00	6,714.42	6,713.81	156.35	1.66	-89.92	-1,728.23	-6,885.32	3,860.44	3,703.07	157.37	24.530		
11,800.00	6,840.00	6,713.61	6,713.00	158.92	1.66	-89.91	-1,728.23	-6,885.32	3,848.53	3,688.94	159.60	24.114		
11,900.00	6,840.00	6,712.79	6,712.18	161.49	1.66	-89.90	-1,728.22	-6,885.33	3,839.20	3,677.46	161.73	23.738		
12,000.00	6,840.00	6,711.97	6,711.37	164.07	1.66	-89.89	-1,728.22	-6,885.34	3,832.44	3,668.67	163.78	23.400		
12,100.00	6,840.00	6,711.16	6,710.55	166.66	1.66	-89.87	-1,728.22	-6,885.35	3,828.29	3,662.57	165.73	23.100		
12,200.00	6,840.00	6,710.34	6,709.74	169.25	1.66	-89.86	-1,728.22	-6,885.36	3,826.75	3,659.17	167.58	22.836		
12,209.00	6,840.00	6,710.27	6,709.66	169.48	1.66	-89.86	-1,728.22	-6,885.36	3,826.74	3,659.00	167.74	22.814 CC		
12,300.00	6,840.00	6,709.53	6,708.92	171.84	1.66	-89.85	-1,728.22	-6,885.37	3,827.82	3,658.50	169.32	22.607 ES		
12,400.00	6,840.00	6,708.71	6,708.10	174.44	1.66	-89.84	-1,728.21	-6,885.38	3,831.50	3,660.55	170.96	22.412		
12,500.00	6,840.00	6,707.89	6,707.29	177.04	1.66	-89.82	-1,728.21	-6,885.39	3,837.79	3,665.31	172.48	22.250		
12,600.00	6,840.00	6,707.08	6,706.47	179.64	1.66	-89.81	-1,728.21	-6,885.39	3,846.66	3,672.77	173.89	22.121		
12,700.00	6,840.00	6,707.94	6,707.33	182.25	1.66	-89.83	-1,728.21	-6,885.38	3,858.11	3,682.92	175.19	22.022		
12,800.00	6,840.00	6,706.90	6,706.29	184.86	1.66	-89.81	-1,728.21	-6,885.40	3,872.10	3,695.73	176.37	21.954		
12,900.00	6,840.00	6,705.86	6,705.26	187.47	1.66	-89.79	-1,728.21	-6,885.41	3,888.62	3,711.18	177.44	21.915		
13,000.00	6,840.00	6,704.83	6,704.22	190.09	1.66	-89.78	-1,728.21	-6,885.42	3,907.63	3,729.24	178.39	21.905 SF		
13,100.00	6,840.00	6,703.79	6,703.19	192.71	1.66	-89.76	-1,728.20	-6,885.43	3,929.09	3,749.87	179.22	21.923		
13,200.00	6,840.00	6,702.75	6,702.15	195.34	1.66	-89.75	-1,728.20	-6,885.44	3,952.97	3,773.02	179.95	21.967		
13,300.00	6,840.00	6,701.71	6,701.11	197.96	1.66	-89.73	-1,728.20	-6,885.45	3,979.21	3,798.65	180.56	22.038		
13,400.00	6,840.00	6,700.67	6,700.07	200.59	1.66	-89.72	-1,728.20	-6,885.46	4,007.78	3,826.71	181.07	22.134		
13,500.00	6,840.00	6,699.63	6,699.03	203.22	1.66	-89.70	-1,728.20	-6,885.47	4,038.63	3,857.15	181.48	22.254		
13,600.00	6,840.00	6,698.59	6,697.99	205.85	1.66	-89.69	-1,728.19	-6,885.48	4,071.69	3,889.91	181.78	22.399		
13,700.00	6,840.00	6,697.55	6,696.95	208.49	1.66	-89.67	-1,728.19	-6,885.49	4,106.93	3,924.93	181.99	22.566		
13,800.00	6,840.00	6,696.51	6,695.90	211.13	1.66	-89.65	-1,728.19	-6,885.51	4,144.28	3,962.16	182.11	22.756		
13,900.00	6,840.00	6,695.46	6,694.86	213.77	1.66	-89.64	-1,728.19	-6,885.52	4,183.68	4,001.53	182.15	22.968		
14,000.00	6,840.00	6,694.42	6,693.82	216.41	1.66	-89.62	-1,728.19	-6,885.53	4,225.09	4,042.98	182.10	23.201		
14,100.00	6,840.00	6,693.38	6,692.77	219.06	1.66	-89.61	-1,728.19	-6,885.54	4,268.43	4,086.45	181.98	23.455		
14,200.00	6,840.00	6,692.33	6,691.72	221.70	1.66	-89.59	-1,728.18	-6,885.55	4,313.66	4,131.87	181.79	23.729		
14,300.00	6,840.00	6,691.28	6,690.68	224.35	1.66	-89.58	-1,728.18	-6,885.56	4,360.72	4,179.19	181.53	24.022		
14,400.00	6,840.00	6,690.24	6,689.63	227.00	1.66	-89.56	-1,728.18	-6,885.57	4,409.54	4,228.33	181.21	24.334		
14,500.00	6,840.00	6,689.19	6,688.58	229.65	1.66	-89.54	-1,728.18	-6,885.58	4,460.06	4,279.24	180.83	24.665		
14,600.00	6,840.00	6,688.14	6,687.53	232.30	1.66	-89.53	-1,728.18	-6,885.59	4,512.24	4,331.85	180.39	25.013		
14,700.00	6,840.00	6,687.09	6,686.48	234.96	1.66	-89.51	-1,728.18	-6,885.61	4,566.01	4,386.10	179.91	25.379		
14,800.00	6,840.00	6,686.04	6,685.43	237.61	1.66	-89.50	-1,728.17	-6,885.62	4,621.32	4,441.94	179.39	25.762		
14,900.00	6,840.00	6,684.99	6,684.38	240.27	1.66	-89.48	-1,728.17	-6,885.63	4,678.12	4,499.29	178.82	26.161		
15,000.00	6,840.00	6,683.94	6,683.33	242.93	1.66	-89.47	-1,728.17	-6,885.64	4,736.34	4,558.12	178.22	26.576		
15,100.00	6,840.00	6,682.88	6,682.28	245.59	1.66	-89.45	-1,728.17	-6,885.65	4,795.94	4,618.36	177.59	27.006		
15,200.00	6,840.00	6,681.83	6,681.22	248.25	1.66	-89.43	-1,728.17	-6,885.66	4,856.87	4,679.95	176.92	27.452		
15,300.00	6,840.00	6,680.77	6,680.17	250.92	1.66	-89.42	-1,728.17	-6,885.67	4,919.08	4,742.84	176.24	27.912		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,679.72	6,679.12	253.58	1.66	-89.40	-1,728.16	-6,885.68	4,982.52	4,806.99	175.53	28.386		
15,500.00	6,840.00	6,678.66	6,678.06	256.25	1.66	-89.39	-1,728.16	-6,885.70	5,047.14	4,872.34	174.80	28.875		
15,600.00	6,840.00	6,677.61	6,677.00	258.91	1.66	-89.37	-1,728.16	-6,885.71	5,112.90	4,938.85	174.05	29.376		
15,700.00	6,840.00	6,676.55	6,675.95	261.58	1.66	-89.36	-1,728.16	-6,885.72	5,179.76	5,006.47	173.29	29.891		
15,800.00	6,840.00	6,675.49	6,674.89	264.25	1.66	-89.34	-1,728.16	-6,885.73	5,247.67	5,075.15	172.51	30.419		
15,900.00	6,840.00	6,674.43	6,673.83	266.92	1.66	-89.32	-1,728.16	-6,885.74	5,316.59	5,144.86	171.73	30.959		
16,000.00	6,840.00	6,673.37	6,672.77	269.59	1.66	-89.31	-1,728.15	-6,885.75	5,386.49	5,215.55	170.94	31.511		
16,100.00	6,840.00	6,672.31	6,671.71	272.26	1.66	-89.29	-1,728.15	-6,885.76	5,457.32	5,287.18	170.14	32.075		
16,200.00	6,840.00	6,671.25	6,670.65	274.94	1.66	-89.28	-1,728.15	-6,885.78	5,529.06	5,359.72	169.34	32.650		
16,300.00	6,840.00	6,670.19	6,669.58	277.61	1.66	-89.26	-1,728.15	-6,885.79	5,601.66	5,433.12	168.54	33.236		
16,400.00	6,840.00	6,669.12	6,668.52	280.28	1.66	-89.24	-1,728.15	-6,885.80	5,675.10	5,507.36	167.74	33.834		
16,500.00	6,840.00	6,668.06	6,667.46	282.96	1.66	-89.23	-1,728.15	-6,885.81	5,749.33	5,582.40	166.93	34.441		
16,600.00	6,840.00	6,667.00	6,666.39	285.64	1.66	-89.21	-1,728.14	-6,885.82	5,824.34	5,658.21	166.13	35.060		
16,700.00	6,840.00	6,665.93	6,665.33	288.31	1.66	-89.20	-1,728.14	-6,885.83	5,900.09	5,734.76	165.33	35.688		
16,800.00	6,840.00	6,664.86	6,664.26	290.99	1.66	-89.18	-1,728.14	-6,885.84	5,976.55	5,812.02	164.53	36.325		
16,900.00	6,840.00	6,663.80	6,663.19	293.67	1.66	-89.16	-1,728.14	-6,885.86	6,053.70	5,889.96	163.73	36.973		
17,000.00	6,840.00	6,662.73	6,662.13	296.35	1.66	-89.15	-1,728.14	-6,885.87	6,131.51	5,968.56	162.95	37.629		
17,100.00	6,840.00	6,661.66	6,661.06	299.03	1.66	-89.13	-1,728.14	-6,885.88	6,209.95	6,047.79	162.16	38.295		
17,200.00	6,840.00	6,660.59	6,659.99	301.71	1.66	-89.12	-1,728.14	-6,885.89	6,289.00	6,127.62	161.38	38.969		
17,300.00	6,840.00	6,659.52	6,658.92	304.39	1.66	-89.10	-1,728.13	-6,885.90	6,368.65	6,208.03	160.61	39.652		
17,400.00	6,840.00	6,658.45	6,657.85	307.08	1.66	-89.08	-1,728.13	-6,885.91	6,448.86	6,289.00	159.85	40.343		
17,500.00	6,840.00	6,657.38	6,656.78	309.76	1.66	-89.07	-1,728.13	-6,885.92	6,529.61	6,370.52	159.10	41.042		
17,600.00	6,840.00	6,656.31	6,655.70	312.44	1.66	-89.05	-1,728.13	-6,885.94	6,610.89	6,452.55	158.35	41.749		
17,700.00	6,840.00	6,655.23	6,654.63	315.13	1.66	-89.04	-1,728.13	-6,885.95	6,692.68	6,535.07	157.61	42.464		
17,800.00	6,840.00	6,654.16	6,653.56	317.81	1.66	-89.02	-1,728.13	-6,885.96	6,774.96	6,618.08	156.88	43.186		
17,900.00	6,840.00	6,653.08	6,652.48	320.50	1.66	-89.00	-1,728.12	-6,885.97	6,857.71	6,701.55	156.16	43.916		
18,000.00	6,840.00	6,652.01	6,651.40	323.19	1.66	-88.99	-1,728.12	-6,885.98	6,940.91	6,785.47	155.44	44.652		
18,100.00	6,840.00	6,650.93	6,650.33	325.87	1.66	-88.97	-1,728.12	-6,885.99	7,024.55	6,869.81	154.74	45.396		
18,200.00	6,840.00	6,649.85	6,649.25	328.56	1.66	-88.96	-1,728.12	-6,886.01	7,108.61	6,954.57	154.05	46.146		
18,300.00	6,840.00	6,648.77	6,648.17	331.25	1.66	-88.94	-1,728.12	-6,886.02	7,193.08	7,039.72	153.36	46.903		
18,400.00	6,840.00	6,647.70	6,647.09	333.94	1.66	-88.92	-1,728.12	-6,886.03	7,277.95	7,125.26	152.69	47.666		
18,500.00	6,840.00	6,646.62	6,646.01	336.63	1.66	-88.91	-1,728.12	-6,886.04	7,363.19	7,211.17	152.02	48.436		
18,600.00	6,840.00	6,645.53	6,644.93	339.32	1.66	-88.89	-1,728.11	-6,886.05	7,448.80	7,297.44	151.36	49.211		
18,700.00	6,840.00	6,644.45	6,643.85	342.01	1.66	-88.87	-1,728.11	-6,886.06	7,534.77	7,384.05	150.72	49.993		
18,800.00	6,840.00	6,643.37	6,642.77	344.70	1.66	-88.86	-1,728.11	-6,886.08	7,621.07	7,470.99	150.08	50.780		
18,900.00	6,840.00	6,642.29	6,641.69	347.39	1.66	-88.84	-1,728.11	-6,886.09	7,707.71	7,558.26	149.45	51.573		
19,000.00	6,840.00	6,641.20	6,640.60	350.08	1.66	-88.83	-1,728.11	-6,886.10	7,794.67	7,645.83	148.84	52.371		
19,100.00	6,840.00	6,640.12	6,639.52	352.77	1.66	-88.81	-1,728.11	-6,886.11	7,881.94	7,733.71	148.23	53.175		
19,200.00	6,840.00	6,639.03	6,638.43	355.46	1.66	-88.79	-1,728.11	-6,886.12	7,969.50	7,821.87	147.63	53.983		
19,300.00	6,840.00	6,637.95	6,637.34	358.16	1.66	-88.78	-1,728.10	-6,886.13	8,057.36	7,910.32	147.04	54.797		
19,400.00	6,840.00	6,636.86	6,636.26	360.85	1.66	-88.76	-1,728.10	-6,886.15	8,145.49	7,999.04	146.46	55.616		
19,500.00	6,840.00	6,635.77	6,635.17	363.54	1.66	-88.75	-1,728.10	-6,886.16	8,233.90	8,088.01	145.89	56.440		
19,600.00	6,840.00	6,634.68	6,634.08	366.24	1.66	-88.73	-1,728.10	-6,886.17	8,322.57	8,177.24	145.33	57.268		
19,700.00	6,840.00	6,633.59	6,632.99	368.93	1.66	-88.71	-1,728.10	-6,886.18	8,411.49	8,266.72	144.77	58.101		
19,800.00	6,840.00	6,632.50	6,631.90	371.63	1.66	-88.70	-1,728.10	-6,886.19	8,500.66	8,356.43	144.23	58.939		
19,900.00	6,840.00	6,631.41	6,630.81	374.32	1.66	-88.68	-1,728.10	-6,886.20	8,590.07	8,446.37	143.69	59.780		
20,000.00	6,840.00	6,630.32	6,629.72	377.02	1.66	-88.66	-1,728.09	-6,886.22	8,679.71	8,536.54	143.17	60.626		
20,100.00	6,840.00	6,629.23	6,628.62	379.71	1.66	-88.65	-1,728.09	-6,886.23	8,769.57	8,626.92	142.65	61.476		
20,200.00	6,840.00	6,628.13	6,627.53	382.41	1.66	-88.63	-1,728.09	-6,886.24	8,859.65	8,717.51	142.14	62.330		
20,300.00	6,840.00	6,627.04	6,626.44	385.11	1.66	-88.61	-1,728.09	-6,886.25	8,949.94	8,808.30	141.64	63.188		
20,400.00	6,840.00	6,625.94	6,625.34	387.80	1.66	-88.60	-1,728.09	-6,886.26	9,040.43	8,899.28	141.15	64.050		
20,500.00	6,840.00	6,624.84	6,624.24	390.50	1.66	-88.58	-1,728.09	-6,886.28	9,131.12	8,990.46	140.66	64.915		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,600.00	6,840.00	6,623.75	6,623.15	393.20	1.66	-88.57	-1,728.09	-6,886.29	9,222.01	9,081.82	140.19	65.784	
20,691.67	6,840.00	6,622.74	6,622.14	395.67	1.66	-88.55	-1,728.09	-6,886.30	9,305.48	9,165.73	139.76	66.584	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-106.94	-1,679.56	-5,514.91	5,765.83					
100.00	100.00	1.89	1.89	0.13	0.00	-106.94	-1,679.56	-5,514.91	5,764.99	5,764.86	0.14	N/A		
200.00	200.00	96.64	96.64	0.49	0.10	-106.94	-1,679.73	-5,514.91	5,765.04	5,764.45	0.59	9,701.989		
300.00	300.00	184.19	184.19	0.85	0.20	-106.94	-1,680.01	-5,515.00	5,765.24	5,764.19	1.05	5,486.599		
400.00	399.98	294.72	294.72	1.21	0.30	-62.34	-1,680.24	-5,515.22	5,764.68	5,763.18	1.51	3,827.152		
500.00	499.84	395.02	395.02	1.57	0.33	-62.42	-1,680.23	-5,515.35	5,762.37	5,760.48	1.90	3,040.339		
600.00	599.45	480.73	480.73	1.94	0.38	-62.56	-1,680.10	-5,515.59	5,758.57	5,756.26	2.31	2,492.755		
700.00	698.70	604.98	604.98	2.32	0.40	-62.79	-1,680.11	-5,515.86	5,753.16	5,750.45	2.71	2,121.658		
800.00	797.47	743.85	743.85	2.73	0.45	-63.12	-1,680.03	-5,515.20	5,745.49	5,742.33	3.16	1,820.788		
900.00	895.62	850.42	850.41	3.16	0.49	-63.48	-1,680.64	-5,514.02	5,735.88	5,732.27	3.62	1,585.591		
1,000.00	993.06	937.17	937.14	3.63	0.53	-63.87	-1,681.47	-5,512.96	5,724.82	5,720.72	4.10	1,395.543		
1,100.00	1,089.64	1,013.65	1,013.62	4.14	0.57	-64.28	-1,682.49	-5,512.19	5,712.61	5,708.00	4.61	1,238.122		
1,200.00	1,185.27	1,090.18	1,090.13	4.70	0.60	-64.74	-1,683.56	-5,511.66	5,699.34	5,694.18	5.16	1,103.839		
1,300.00	1,279.82	1,167.74	1,167.69	5.30	0.64	-65.24	-1,684.64	-5,511.38	5,685.04	5,679.29	5.75	987.917		
1,400.00	1,373.17	1,253.61	1,253.55	5.96	0.67	-65.82	-1,685.85	-5,511.29	5,669.70	5,663.30	6.40	886.524		
1,500.00	1,465.21	1,343.33	1,343.26	6.67	0.71	-66.47	-1,686.93	-5,511.30	5,653.20	5,646.11	7.09	797.577		
1,600.00	1,555.84	1,430.58	1,430.51	7.44	0.74	-67.15	-1,687.71	-5,511.44	5,635.62	5,627.79	7.83	719.530		
1,700.00	1,645.41	1,526.61	1,526.54	8.26	0.77	-67.64	-1,688.05	-5,511.82	5,617.42	5,608.80	8.62	651.909		
1,800.00	1,734.94	1,630.80	1,630.73	9.09	0.77	-68.08	-1,687.93	-5,512.00	5,599.13	5,589.71	9.41	594.895		
1,900.00	1,824.47	1,700.51	1,700.44	9.94	0.78	-68.38	-1,687.97	-5,512.20	5,581.29	5,571.07	10.22	546.120		
2,000.00	1,913.99	1,809.54	1,809.47	10.80	0.82	-68.86	-1,688.16	-5,512.47	5,563.76	5,552.70	11.06	502.829		
2,100.00	2,003.52	1,870.88	1,870.81	11.66	0.84	-69.13	-1,688.32	-5,512.69	5,546.63	5,534.73	11.91	465.764		
2,200.00	2,093.05	1,944.94	1,944.86	12.53	0.86	-69.45	-1,688.68	-5,513.19	5,530.16	5,517.40	12.77	433.199		
2,300.00	2,182.58	2,021.24	2,021.16	13.40	0.89	-69.79	-1,689.19	-5,513.80	5,514.18	5,500.55	13.63	404.500		
2,400.00	2,272.11	2,087.58	2,087.49	14.28	0.91	-70.08	-1,689.56	-5,514.62	5,498.83	5,484.33	14.50	379.170		
2,500.00	2,361.63	2,168.73	2,168.63	15.16	0.93	-70.44	-1,689.85	-5,515.98	5,484.08	5,468.69	15.38	356.482		
2,600.00	2,451.16	2,251.83	2,251.72	16.04	0.96	-70.80	-1,690.07	-5,517.51	5,469.73	5,453.46	16.27	336.141		
2,700.00	2,540.69	2,353.94	2,353.81	16.92	0.99	-71.25	-1,690.16	-5,519.52	5,455.76	5,438.59	17.17	317.757		
2,800.00	2,630.22	2,512.48	2,512.32	17.81	1.02	-71.94	-1,688.82	-5,521.96	5,441.41	5,423.33	18.08	301.006		
2,900.00	2,719.75	2,616.73	2,616.56	18.70	1.04	-72.40	-1,687.39	-5,522.94	5,426.64	5,407.66	18.97	285.999		
3,000.00	2,809.28	2,691.20	2,691.01	19.58	1.06	-72.72	-1,686.44	-5,523.63	5,412.19	5,392.32	19.87	272.353		
3,100.00	2,898.80	2,778.34	2,778.15	20.47	1.07	-73.11	-1,685.41	-5,524.52	5,398.16	5,377.39	20.78	259.829		
3,200.00	2,988.33	2,865.89	2,865.68	21.36	1.09	-73.50	-1,684.36	-5,525.47	5,384.49	5,362.81	21.68	248.322		
3,300.00	3,077.86	2,953.35	2,953.13	22.26	1.11	-73.88	-1,683.26	-5,526.49	5,371.17	5,348.58	22.59	237.721		
3,400.00	3,167.39	3,057.20	3,056.96	23.15	1.13	-74.34	-1,681.75	-5,527.77	5,358.15	5,334.64	23.51	227.920		
3,500.00	3,256.92	3,266.96	3,266.68	24.04	1.16	-75.28	-1,677.40	-5,527.84	5,344.16	5,319.75	24.41	218.898		
3,600.00	3,346.44	3,355.05	3,354.74	24.93	1.17	-75.68	-1,675.78	-5,526.59	5,329.49	5,304.17	25.32	210.464		
3,700.00	3,435.97	3,425.85	3,425.53	25.83	1.18	-76.01	-1,674.86	-5,525.61	5,315.40	5,289.16	26.24	202.593		
3,800.00	3,525.50	3,508.99	3,490.68	26.72	1.19	-76.32	-1,674.19	-5,524.90	5,302.00	5,274.84	27.16	195.238		
3,900.00	3,615.03	3,580.54	3,580.20	27.62	1.20	-76.74	-1,673.41	-5,524.11	5,289.17	5,261.10	28.07	188.402		
4,000.00	3,704.56	3,728.88	3,728.51	28.51	1.22	-77.44	-1,671.62	-5,522.03	5,276.09	5,247.10	28.99	181.991		
4,100.00	3,794.09	3,807.72	3,807.34	29.41	1.23	-77.81	-1,670.64	-5,520.58	5,263.04	5,233.13	29.92	175.917		
4,200.00	3,883.61	3,880.81	3,880.41	30.30	1.24	-78.16	-1,669.93	-5,519.33	5,250.58	5,219.73	30.85	170.210		
4,300.00	3,973.14	3,965.23	3,964.81	31.20	1.25	-78.57	-1,669.30	-5,518.01	5,238.68	5,206.90	31.78	164.848		
4,400.00	4,062.67	4,041.30	4,040.88	32.10	1.26	-78.94	-1,668.92	-5,516.78	5,227.23	5,194.51	32.71	159.790		
4,500.00	4,152.20	4,109.62	4,109.19	32.99	1.27	-79.28	-1,668.95	-5,515.75	5,216.48	5,182.83	33.65	155.024		
4,600.00	4,241.73	4,180.36	4,179.92	33.89	1.27	-79.62	-1,669.18	-5,514.87	5,206.44	5,171.85	34.59	150.527		
4,700.00	4,331.26	4,281.94	4,281.49	34.79	1.29	-80.13	-1,669.50	-5,513.76	5,196.90	5,161.37	35.53	146.276		
4,800.00	4,420.78	4,359.54	4,359.09	35.69	1.30	-80.51	-1,669.60	-5,512.88	5,187.61	5,151.14	36.47	142.247		
4,900.00	4,510.31	4,433.73	4,433.28	36.58	1.31	-80.87	-1,669.66	-5,512.36	5,178.99	5,141.58	37.41	138.437		
5,000.00	4,599.84	4,521.62	4,521.17	37.48	1.33	-81.31	-1,669.63	-5,512.04	5,170.94	5,132.59	38.35	134.826		
5,100.00	4,689.37	4,654.01	4,653.55	38.38	1.35	-81.96	-1,669.26	-5,511.00	5,162.81	5,123.51	39.30	131.377		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,748.76	4,748.29	39.28	1.37	-82.43	-1,668.63	-5,509.86	5,154.58	5,114.33	40.24	128.090		
5,300.00	4,868.42	4,827.11	4,826.64	40.18	1.38	-82.81	-1,667.76	-5,509.34	5,146.87	5,105.68	41.18	124.970		
5,400.00	4,957.95	4,908.41	4,907.92	41.07	1.39	-83.20	-1,666.26	-5,509.44	5,139.69	5,097.57	42.13	122.005		
5,500.00	5,047.48	4,994.29	4,993.79	41.97	1.41	-83.61	-1,664.52	-5,509.78	5,132.99	5,089.92	43.07	119.178		
5,600.00	5,137.01	5,074.79	5,074.27	42.87	1.42	-83.99	-1,663.02	-5,510.15	5,126.75	5,082.74	44.01	116.485		
5,700.00	5,226.54	5,148.54	5,148.00	43.77	1.43	-84.34	-1,661.64	-5,510.70	5,121.09	5,076.13	44.95	113.922		
5,800.00	5,316.07	5,221.46	5,220.91	44.67	1.45	-84.69	-1,660.28	-5,511.60	5,116.11	5,070.21	45.89	111.482		
5,900.00	5,405.59	5,299.51	5,298.94	45.57	1.46	-85.06	-1,658.95	-5,512.72	5,111.73	5,064.90	46.83	109.156		
6,000.00	5,495.12	5,383.40	5,382.81	46.47	1.48	-85.46	-1,657.77	-5,513.94	5,107.87	5,060.10	47.77	106.934		
6,100.00	5,584.65	5,617.68	5,617.05	47.37	1.52	-86.60	-1,654.10	-5,514.12	5,103.61	5,054.90	48.71	104.781		
6,200.00	5,674.18	5,698.59	5,697.93	48.27	1.54	-87.00	-1,652.13	-5,513.17	5,098.07	5,048.43	49.65	102.685		
6,300.00	5,763.71	5,788.69	5,788.00	49.16	1.56	-87.44	-1,649.91	-5,512.24	5,092.99	5,042.40	50.59	100.679		
6,400.00	5,853.23	5,867.22	5,866.50	50.06	1.57	-87.82	-1,648.26	-5,511.27	5,088.36	5,036.83	51.52	98.757		
6,500.00	5,942.76	5,940.23	5,939.50	50.96	1.59	-88.19	-1,647.10	-5,510.31	5,084.35	5,031.89	52.46	96.918		
6,600.00	6,032.29	6,011.95	6,011.21	51.86	1.60	-88.55	-1,646.11	-5,509.59	5,081.06	5,027.66	53.39	95.162		
6,700.00	6,121.82	6,091.29	6,090.54	52.76	1.62	-88.94	-1,645.13	-5,508.97	5,078.39	5,024.06	54.33	93.480		
6,800.00	6,211.35	6,162.62	6,161.87	53.66	1.63	-89.30	-1,644.34	-5,508.59	5,076.35	5,021.10	55.25	91.874		
6,900.00	6,300.88	6,238.24	6,237.48	54.56	1.65	-89.67	-1,643.60	-5,508.47	5,075.01	5,018.84	56.18	90.337		
7,000.00	6,390.40	6,320.92	6,320.15	55.46	1.67	-90.08	-1,642.87	-5,508.48	5,074.23	5,017.13	57.10	88.864		
7,100.00	6,479.90	6,407.44	6,406.67	56.36	1.69	-88.83	-1,642.10	-5,508.62	5,073.83	5,015.80	58.02	87.446		
7,200.00	6,565.62	6,490.46	6,489.69	57.41	1.71	-78.86	-1,641.40	-5,508.78	5,066.06	5,006.98	59.08	85.746		
7,300.00	6,643.25	6,557.43	6,556.66	58.67	1.72	-74.12	-1,640.94	-5,508.93	5,046.44	4,986.08	60.35	83.614		
7,400.00	6,710.45	6,616.13	6,615.36	60.11	1.74	-72.82	-1,640.63	-5,509.14	5,015.87	4,954.06	61.81	81.148		
7,500.00	6,765.16	6,668.05	6,667.27	61.71	1.75	-74.10	-1,640.41	-5,509.37	4,975.46	4,912.05	63.42	78.458		
7,600.00	6,805.74	6,706.33	6,705.56	63.40	1.75	-77.47	-1,640.25	-5,509.55	4,926.59	4,861.47	65.12	75.658		
7,700.00	6,830.93	6,729.18	6,728.41	65.14	1.76	-82.68	-1,640.17	-5,509.67	4,870.87	4,804.01	66.86	72.856		
7,800.00	6,839.98	6,737.76	6,736.98	66.86	1.76	-89.53	-1,640.14	-5,509.72	4,810.01	4,741.44	68.57	70.145		
7,900.00	6,840.00	6,738.30	6,737.52	68.58	1.76	-89.93	-1,640.14	-5,509.73	4,747.58	4,677.30	70.28	67.555		
8,000.00	6,840.00	6,738.82	6,738.05	70.35	1.76	-89.94	-1,640.14	-5,509.73	4,686.44	4,614.41	72.04	65.056		
8,100.00	6,840.00	6,739.35	6,738.58	72.18	1.76	-89.95	-1,640.13	-5,509.73	4,626.66	4,552.81	73.85	62.647		
8,200.00	6,840.00	6,739.88	6,739.11	74.06	1.76	-89.96	-1,640.13	-5,509.74	4,568.29	4,492.57	75.72	60.331		
8,300.00	6,840.00	6,740.41	6,739.64	75.98	1.76	-89.96	-1,640.13	-5,509.74	4,511.37	4,433.73	77.64	58.106		
8,400.00	6,840.00	6,740.95	6,740.17	77.96	1.76	-89.97	-1,640.13	-5,509.74	4,455.98	4,376.37	79.61	55.973		
8,500.00	6,840.00	6,741.49	6,740.71	79.97	1.76	-89.98	-1,640.13	-5,509.74	4,402.16	4,320.53	81.63	53.930		
8,600.00	6,840.00	6,742.03	6,741.25	82.03	1.76	-89.99	-1,640.12	-5,509.75	4,349.97	4,266.28	83.69	51.978		
8,700.00	6,840.00	6,742.57	6,741.79	84.12	1.76	-90.00	-1,640.12	-5,509.75	4,299.47	4,213.68	85.79	50.115		
8,800.00	6,840.00	6,743.11	6,742.34	86.25	1.76	-90.01	-1,640.12	-5,509.75	4,250.73	4,162.80	87.94	48.339		
8,900.00	6,840.00	6,743.66	6,742.88	88.41	1.76	-90.01	-1,640.12	-5,509.76	4,203.80	4,113.69	90.11	46.651		
9,000.00	6,840.00	6,744.21	6,743.43	90.60	1.76	-90.02	-1,640.12	-5,509.76	4,158.75	4,066.43	92.32	45.047		
9,100.00	6,840.00	6,744.76	6,743.98	92.82	1.76	-90.03	-1,640.11	-5,509.76	4,115.63	4,021.08	94.56	43.526		
9,200.00	6,840.00	6,745.31	6,744.54	95.07	1.76	-90.04	-1,640.11	-5,509.77	4,074.52	3,977.70	96.81	42.086		
9,300.00	6,840.00	6,745.87	6,745.10	97.34	1.76	-90.05	-1,640.11	-5,509.77	4,035.46	3,936.37	99.09	40.726		
9,400.00	6,840.00	6,746.43	6,745.66	99.64	1.76	-90.06	-1,640.11	-5,509.77	3,998.52	3,897.14	101.38	39.443		
9,500.00	6,840.00	6,746.99	6,746.22	101.95	1.76	-90.06	-1,640.11	-5,509.78	3,963.76	3,860.09	103.67	38.235		
9,600.00	6,840.00	6,747.56	6,746.78	104.29	1.76	-90.07	-1,640.11	-5,509.78	3,931.24	3,825.28	105.96	37.101		
9,700.00	6,840.00	6,748.12	6,747.35	106.64	1.76	-90.08	-1,640.10	-5,509.78	3,901.01	3,792.76	108.25	36.038		
9,800.00	6,840.00	6,748.69	6,747.92	109.02	1.76	-90.09	-1,640.10	-5,509.79	3,873.13	3,762.60	110.52	35.044		
9,900.00	6,840.00	6,749.27	6,748.49	111.41	1.76	-90.10	-1,640.10	-5,509.79	3,847.64	3,734.86	112.78	34.117		
10,000.00	6,840.00	6,749.84	6,749.07	113.81	1.76	-90.11	-1,640.10	-5,509.80	3,824.60	3,709.60	115.01	33.256		
10,100.00	6,840.00	6,750.42	6,749.64	116.23	1.76	-90.12	-1,640.10	-5,509.80	3,804.05	3,686.85	117.20	32.457		
10,200.00	6,840.00	6,751.00	6,750.22	118.67	1.76	-90.13	-1,640.09	-5,509.80	3,786.03	3,666.67	119.36	31.720		
10,300.00	6,840.00	6,751.58	6,750.81	121.11	1.76	-90.14	-1,640.09	-5,509.81	3,770.58	3,649.11	121.47	31.042		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,752.17	6,751.39	123.57	1.76	-90.14	-1,640.09	-5,509.81	3,757.73	3,634.20	123.53	30.420		
10,500.00	6,840.00	6,752.76	6,751.98	126.04	1.76	-90.15	-1,640.09	-5,509.81	3,747.50	3,621.97	125.53	29.854		
10,600.00	6,840.00	6,753.35	6,752.57	128.52	1.76	-90.16	-1,640.09	-5,509.82	3,739.92	3,612.45	127.46	29.342		
10,700.00	6,840.00	6,753.94	6,753.17	131.01	1.76	-90.17	-1,640.08	-5,509.82	3,735.00	3,605.67	129.33	28.881		
10,800.00	6,840.00	6,754.54	6,753.77	133.51	1.76	-90.18	-1,640.08	-5,509.82	3,732.75	3,601.64	131.11	28.469		
10,833.86	6,840.00	6,754.74	6,753.97	134.36	1.76	-90.18	-1,640.08	-5,509.83	3,732.60	3,600.89	131.70	28.341	CC	
10,900.00	6,840.00	6,755.14	6,754.37	136.02	1.76	-90.19	-1,640.08	-5,509.83	3,733.18	3,600.36	132.82	28.106	ES	
11,000.00	6,840.00	6,755.74	6,754.97	138.53	1.76	-90.20	-1,640.08	-5,509.83	3,736.29	3,601.84	134.45	27.790		
11,100.00	6,840.00	6,756.35	6,755.57	141.06	1.76	-90.21	-1,640.08	-5,509.84	3,742.07	3,606.09	135.99	27.518		
11,200.00	6,840.00	6,756.96	6,756.18	143.59	1.76	-90.22	-1,640.07	-5,509.84	3,750.51	3,613.08	137.43	27.290		
11,300.00	6,840.00	6,757.57	6,756.79	146.13	1.76	-90.23	-1,640.07	-5,509.84	3,761.59	3,622.80	138.79	27.103		
11,400.00	6,840.00	6,758.18	6,757.41	148.68	1.76	-90.24	-1,640.07	-5,509.85	3,775.29	3,635.24	140.05	26.957		
11,500.00	6,840.00	6,758.80	6,758.03	151.23	1.76	-90.25	-1,640.07	-5,509.85	3,791.57	3,650.35	141.22	26.850		
11,600.00	6,840.00	6,759.42	6,758.65	153.79	1.76	-90.26	-1,640.07	-5,509.86	3,810.41	3,668.12	142.29	26.780		
11,700.00	6,840.00	6,760.04	6,759.27	156.35	1.76	-90.27	-1,640.06	-5,509.86	3,831.77	3,688.51	143.26	26.747	SF	
11,800.00	6,840.00	6,760.67	6,759.89	158.92	1.76	-90.27	-1,640.06	-5,509.86	3,855.60	3,711.46	144.14	26.748		
11,900.00	6,840.00	6,761.30	6,760.52	161.49	1.76	-90.28	-1,640.06	-5,509.87	3,881.87	3,736.93	144.93	26.784		
12,000.00	6,840.00	6,761.93	6,761.16	164.07	1.76	-90.29	-1,640.06	-5,509.87	3,910.51	3,764.88	145.63	26.852		
12,100.00	6,840.00	6,762.57	6,761.79	166.66	1.76	-90.30	-1,640.06	-5,509.88	3,941.49	3,795.24	146.25	26.951		
12,200.00	6,840.00	6,763.21	6,762.43	169.25	1.76	-90.31	-1,640.06	-5,509.88	3,974.74	3,827.97	146.77	27.081		
12,300.00	6,840.00	6,763.85	6,763.07	171.84	1.76	-90.32	-1,640.05	-5,509.88	4,010.21	3,862.99	147.22	27.240		
12,400.00	6,840.00	6,764.49	6,763.72	174.44	1.76	-90.33	-1,640.05	-5,509.89	4,047.84	3,900.25	147.58	27.428		
12,500.00	6,840.00	6,765.14	6,764.37	177.04	1.76	-90.34	-1,640.05	-5,509.89	4,087.56	3,939.69	147.87	27.643		
12,600.00	6,840.00	6,765.79	6,765.02	179.64	1.76	-90.35	-1,640.05	-5,509.90	4,129.33	3,981.24	148.09	27.884		
12,700.00	6,840.00	6,766.45	6,765.67	182.25	1.76	-90.36	-1,640.04	-5,509.90	4,173.08	4,024.84	148.24	28.151		
12,800.00	6,840.00	6,767.10	6,766.33	184.86	1.76	-90.37	-1,640.04	-5,509.91	4,218.75	4,070.42	148.33	28.442		
12,900.00	6,840.00	6,767.77	6,766.99	187.47	1.76	-90.38	-1,640.04	-5,509.91	4,266.27	4,117.91	148.36	28.757		
13,000.00	6,840.00	6,768.43	6,767.65	190.09	1.76	-90.39	-1,640.04	-5,509.91	4,315.58	4,167.26	148.33	29.095		
13,100.00	6,840.00	6,769.10	6,768.32	192.71	1.76	-90.40	-1,640.04	-5,509.92	4,366.63	4,218.39	148.24	29.456		
13,200.00	6,840.00	6,769.77	6,768.99	195.34	1.76	-90.41	-1,640.03	-5,509.92	4,419.35	4,271.24	148.11	29.837		
13,300.00	6,840.00	6,770.44	6,769.67	197.96	1.76	-90.42	-1,640.03	-5,509.93	4,473.69	4,325.75	147.94	30.240		
13,400.00	6,840.00	6,771.12	6,770.34	200.59	1.76	-90.44	-1,640.03	-5,509.93	4,529.58	4,381.85	147.72	30.662		
13,500.00	6,840.00	6,771.80	6,771.03	203.22	1.77	-90.45	-1,640.03	-5,509.94	4,586.97	4,439.50	147.47	31.104		
13,600.00	6,840.00	6,772.49	6,771.71	205.85	1.77	-90.46	-1,640.03	-5,509.94	4,645.80	4,498.62	147.18	31.565		
13,700.00	6,840.00	6,773.17	6,772.40	208.49	1.77	-90.47	-1,640.02	-5,509.95	4,706.03	4,559.16	146.86	32.044		
13,800.00	6,840.00	6,773.87	6,773.09	211.13	1.77	-90.48	-1,640.02	-5,509.95	4,767.59	4,621.07	146.52	32.540		
13,900.00	6,840.00	6,774.56	6,773.78	213.77	1.77	-90.49	-1,640.02	-5,509.95	4,830.44	4,684.29	146.14	33.053		
14,000.00	6,840.00	6,775.26	6,774.48	216.41	1.77	-90.50	-1,640.02	-5,509.96	4,894.52	4,748.77	145.75	33.583		
14,100.00	6,840.00	6,775.96	6,775.18	219.06	1.77	-90.51	-1,640.02	-5,509.96	4,959.79	4,814.46	145.33	34.128		
14,200.00	6,840.00	6,776.67	6,775.89	221.70	1.77	-90.52	-1,640.01	-5,509.97	5,026.20	4,881.31	144.89	34.689		
14,300.00	6,840.00	6,777.38	6,776.60	224.35	1.77	-90.53	-1,640.01	-5,509.97	5,093.71	4,949.27	144.44	35.264		
14,400.00	6,840.00	6,778.09	6,777.31	227.00	1.77	-90.54	-1,640.01	-5,509.98	5,162.28	5,018.30	143.98	35.854		
14,500.00	6,840.00	6,778.81	6,778.03	229.65	1.77	-90.55	-1,640.01	-5,509.98	5,231.85	5,088.35	143.50	36.458		
14,600.00	6,840.00	6,779.53	6,778.75	232.30	1.77	-90.56	-1,640.01	-5,509.99	5,302.40	5,159.39	143.02	37.075		
14,700.00	6,840.00	6,780.25	6,779.47	234.96	1.77	-90.58	-1,640.00	-5,509.99	5,373.89	5,231.37	142.52	37.706		
14,800.00	6,840.00	6,780.98	6,780.20	237.61	1.77	-90.59	-1,640.00	-5,510.00	5,446.27	5,304.25	142.02	38.348		
14,900.00	6,840.00	6,781.71	6,780.93	240.27	1.77	-90.60	-1,640.00	-5,510.00	5,519.52	5,378.00	141.51	39.004		
15,000.00	6,840.00	6,782.45	6,781.67	242.93	1.77	-90.61	-1,640.00	-5,510.01	5,593.59	5,452.59	141.00	39.671		
15,100.00	6,840.00	6,783.19	6,782.41	245.59	1.77	-90.62	-1,640.00	-5,510.01	5,668.46	5,527.98	140.49	40.349		
15,200.00	6,840.00	6,783.93	6,783.15	248.25	1.77	-90.63	-1,639.99	-5,510.02	5,744.10	5,604.13	139.97	41.039		
15,300.00	6,840.00	6,784.68	6,783.90	250.92	1.77	-90.64	-1,639.99	-5,510.02	5,820.47	5,681.02	139.45	41.739		
15,400.00	6,840.00	6,785.43	6,784.65	253.58	1.77	-90.65	-1,639.99	-5,510.03	5,897.54	5,758.61	138.93	42.449		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,786.18	6,785.41	256.25	1.77	-90.67	-1,639.99	-5,510.03	5,975.30	5,836.89	138.41	43.170		
15,600.00	6,840.00	6,786.94	6,786.17	258.91	1.77	-90.68	-1,639.98	-5,510.04	6,053.71	5,915.81	137.89	43.901		
15,700.00	6,840.00	6,787.71	6,786.93	261.58	1.77	-90.69	-1,639.98	-5,510.05	6,132.75	5,995.37	137.38	44.641		
15,800.00	6,840.00	6,788.47	6,787.70	264.25	1.77	-90.70	-1,639.98	-5,510.05	6,212.39	6,075.52	136.87	45.390		
15,900.00	6,840.00	6,789.25	6,788.47	266.92	1.77	-90.71	-1,639.98	-5,510.06	6,292.61	6,156.25	136.36	46.148		
16,000.00	6,840.00	6,790.02	6,789.24	269.59	1.77	-90.73	-1,639.98	-5,510.06	6,373.39	6,237.54	135.85	46.915		
16,100.00	6,840.00	6,790.80	6,790.02	272.26	1.77	-90.74	-1,639.97	-5,510.07	6,454.71	6,319.37	135.35	47.690		
16,200.00	6,840.00	6,791.59	6,790.81	274.94	1.77	-90.75	-1,639.97	-5,510.07	6,536.55	6,401.70	134.85	48.474		
16,300.00	6,840.00	6,792.37	6,791.60	277.61	1.77	-90.76	-1,639.97	-5,510.08	6,618.89	6,484.53	134.35	49.265		
16,400.00	6,840.00	6,793.17	6,792.39	280.28	1.77	-90.77	-1,639.97	-5,510.08	6,701.70	6,567.84	133.86	50.064		
16,500.00	6,840.00	6,793.96	6,793.19	282.96	1.77	-90.79	-1,639.96	-5,510.09	6,784.98	6,651.61	133.38	50.870		
16,600.00	6,840.00	6,794.77	6,793.99	285.64	1.77	-90.80	-1,639.96	-5,510.10	6,868.71	6,735.81	132.90	51.683		
16,700.00	6,840.00	6,795.57	6,794.79	288.31	1.77	-90.81	-1,639.96	-5,510.10	6,952.87	6,820.44	132.43	52.504		
16,800.00	6,840.00	6,796.38	6,795.61	290.99	1.77	-90.82	-1,639.96	-5,510.11	7,037.44	6,905.48	131.96	53.331		
16,900.00	6,840.00	6,797.20	6,796.42	293.67	1.77	-90.84	-1,639.96	-5,510.11	7,122.41	6,990.91	131.50	54.164		
17,000.00	6,840.00	6,798.02	6,797.24	296.35	1.77	-90.85	-1,639.95	-5,510.12	7,207.76	7,076.73	131.04	55.004		
17,100.00	6,840.00	6,798.84	6,798.06	299.03	1.77	-90.86	-1,639.95	-5,510.13	7,293.49	7,162.90	130.59	55.851		
17,200.00	6,840.00	6,799.67	6,798.89	301.71	1.77	-90.87	-1,639.95	-5,510.13	7,379.58	7,249.44	130.14	56.703		
17,300.00	6,840.00	6,800.58	6,799.80	304.39	1.77	-90.89	-1,639.95	-5,510.14	7,466.01	7,336.31	129.71	57.561		
17,400.00	6,840.00	6,801.54	6,800.76	307.08	1.77	-90.90	-1,639.94	-5,510.15	7,552.78	7,423.51	129.28	58.424		
17,500.00	6,840.00	6,802.51	6,801.74	309.76	1.77	-90.92	-1,639.94	-5,510.15	7,639.88	7,511.03	128.85	59.293		
17,600.00	6,840.00	6,803.49	6,802.72	312.44	1.77	-90.93	-1,639.94	-5,510.16	7,727.28	7,598.85	128.43	60.167		
17,700.00	6,840.00	6,804.48	6,803.71	315.13	1.77	-90.95	-1,639.94	-5,510.17	7,814.99	7,686.97	128.02	61.046		
17,800.00	6,840.00	6,805.48	6,804.70	317.81	1.77	-90.96	-1,639.93	-5,510.18	7,902.99	7,775.37	127.61	61.930		
17,900.00	6,840.00	6,806.48	6,805.71	320.50	1.77	-90.98	-1,639.93	-5,510.18	7,991.27	7,864.06	127.21	62.819		
18,000.00	6,840.00	6,807.49	6,806.72	323.19	1.77	-90.99	-1,639.93	-5,510.19	8,079.82	7,953.00	126.82	63.713		
18,100.00	6,840.00	6,808.51	6,807.74	325.87	1.77	-91.01	-1,639.93	-5,510.20	8,168.64	8,042.21	126.43	64.611		
18,200.00	6,840.00	6,809.54	6,808.77	328.56	1.77	-91.02	-1,639.92	-5,510.21	8,257.71	8,131.67	126.05	65.514		
18,300.00	6,840.00	6,810.58	6,809.80	331.25	1.77	-91.04	-1,639.92	-5,510.21	8,347.03	8,221.36	125.67	66.420		
18,400.00	6,840.00	6,811.63	6,810.85	333.94	1.77	-91.06	-1,639.92	-5,510.22	8,436.59	8,311.29	125.30	67.331		
18,500.00	6,840.00	6,812.68	6,811.90	336.63	1.77	-91.07	-1,639.91	-5,510.23	8,526.39	8,401.45	124.94	68.246		
18,600.00	6,840.00	6,813.74	6,812.96	339.32	1.77	-91.09	-1,639.91	-5,510.24	8,616.40	8,491.82	124.58	69.165		
18,700.00	6,840.00	6,814.81	6,814.04	342.01	1.77	-91.11	-1,639.91	-5,510.25	8,706.64	8,582.41	124.23	70.087		
18,800.00	6,840.00	6,815.89	6,815.12	344.70	1.77	-91.12	-1,639.91	-5,510.26	8,797.08	8,673.20	123.88	71.013		
18,900.00	6,840.00	6,816.98	6,816.21	347.39	1.77	-91.14	-1,639.90	-5,510.26	8,887.73	8,764.20	123.54	71.943		
19,000.00	6,840.00	6,818.08	6,817.30	350.08	1.77	-91.16	-1,639.90	-5,510.27	8,978.58	8,855.38	123.20	72.876		
19,100.00	6,840.00	6,819.19	6,818.41	352.77	1.77	-91.17	-1,639.90	-5,510.28	9,069.63	8,946.75	122.87	73.812		
19,200.00	6,840.00	6,820.31	6,819.53	355.46	1.77	-91.19	-1,639.89	-5,510.29	9,160.85	9,038.30	122.55	74.751		
19,300.00	6,840.00	6,821.43	6,820.65	358.16	1.77	-91.21	-1,639.89	-5,510.30	9,252.26	9,130.03	122.23	75.694		
19,400.00	6,840.00	6,822.57	6,821.79	360.85	1.77	-91.22	-1,639.89	-5,510.31	9,343.85	9,221.93	121.92	76.639		
19,500.00	6,840.00	6,823.71	6,822.94	363.54	1.77	-91.24	-1,639.88	-5,510.32	9,435.60	9,313.99	121.61	77.588		
19,600.00	6,840.00	6,824.87	6,824.09	366.24	1.77	-91.26	-1,639.88	-5,510.33	9,527.53	9,406.22	121.31	78.539		
19,700.00	6,840.00	6,826.03	6,825.26	368.93	1.77	-91.28	-1,639.88	-5,510.34	9,619.61	9,498.60	121.01	79.493		
19,800.00	6,840.00	6,827.21	6,826.43	371.63	1.77	-91.30	-1,639.87	-5,510.35	9,711.85	9,591.13	120.72	80.449		
19,900.00	6,840.00	6,828.40	6,827.62	374.32	1.77	-91.31	-1,639.87	-5,510.36	9,804.24	9,683.81	120.43	81.408		
20,000.00	6,840.00	6,829.59	6,828.81	377.02	1.77	-91.33	-1,639.87	-5,510.37	9,896.78	9,776.63	120.15	82.369		
20,100.00	6,840.00	6,830.80	6,830.02	379.71	1.78	-91.35	-1,639.86	-5,510.38	9,989.46	9,869.59	119.87	83.333		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-94.05	-395.01	-5,583.54	5,598.15					
100.00	100.00	14.00	14.00	0.13	0.11	-94.05	-395.01	-5,583.54	5,597.49	5,597.25	0.24	N/A		
200.00	200.00	114.00	114.00	0.49	1.03	-94.05	-395.01	-5,583.54	5,597.49	5,595.97	1.52	3,676.168		
300.00	300.00	214.00	214.00	0.85	2.78	-94.05	-395.01	-5,583.54	5,597.49	5,593.87	3.63	1,543.521		
400.00	399.98	313.98	313.98	1.21	4.52	-49.44	-395.01	-5,583.54	5,596.36	5,590.63	5.73	977.027		
500.00	499.84	413.84	413.84	1.57	6.26	-49.54	-395.01	-5,583.54	5,592.96	5,585.13	7.83	714.323		
600.00	599.45	513.45	513.45	1.94	8.00	-49.69	-395.01	-5,583.54	5,587.30	5,577.36	9.93	562.465		
700.00	698.70	612.70	612.70	2.32	9.73	-49.91	-395.01	-5,583.54	5,579.40	5,567.36	12.04	463.377		
800.00	797.47	711.47	711.47	2.73	11.46	-50.19	-395.01	-5,583.54	5,569.28	5,555.12	14.15	393.507		
900.00	895.62	809.62	809.62	3.16	13.17	-50.53	-395.01	-5,583.54	5,556.97	5,540.70	16.27	341.499		
1,000.00	993.06	907.06	907.06	3.63	14.87	-50.93	-395.01	-5,583.54	5,542.51	5,524.11	18.40	301.208		
1,100.00	1,089.64	1,003.64	1,003.64	4.14	16.56	-51.40	-395.01	-5,583.54	5,525.94	5,505.39	20.54	269.020		
1,200.00	1,185.27	1,100.73	1,099.27	4.70	18.25	-51.92	-395.01	-5,583.54	5,507.30	5,484.58	22.72	242.397		
1,300.00	1,279.82	1,206.18	1,193.82	5.30	20.09	-52.52	-395.01	-5,583.54	5,486.66	5,461.58	25.08	218.767		
1,400.00	1,373.17	1,287.17	1,287.17	5.96	21.51	-53.17	-395.01	-5,583.54	5,464.07	5,437.02	27.05	201.991		
1,500.00	1,465.21	1,379.21	1,379.21	6.67	23.11	-53.89	-395.01	-5,583.54	5,439.61	5,410.35	29.26	185.920		
1,600.00	1,555.84	1,469.84	1,469.84	7.44	24.69	-54.67	-395.01	-5,583.54	5,413.34	5,381.86	31.49	171.929		
1,700.00	1,645.41	1,559.41	1,559.41	8.26	26.26	-55.14	-395.01	-5,583.54	5,385.92	5,352.19	33.73	159.657		
1,800.00	1,734.94	1,648.94	1,648.94	9.09	27.82	-55.50	-395.01	-5,583.54	5,358.68	5,322.68	36.00	148.851		
1,900.00	1,824.47	1,738.47	1,738.47	9.94	29.38	-55.87	-395.01	-5,583.54	5,331.67	5,293.39	38.28	139.271		
2,000.00	1,913.99	1,827.99	1,827.99	10.80	30.94	-56.24	-395.01	-5,583.54	5,304.90	5,264.32	40.58	130.730		
2,100.00	2,003.52	1,917.52	1,917.52	11.66	32.51	-56.61	-395.01	-5,583.54	5,278.37	5,235.48	42.89	123.075		
2,200.00	2,093.05	2,007.05	2,007.05	12.53	34.07	-56.99	-395.01	-5,583.54	5,252.08	5,206.87	45.21	116.178		
2,300.00	2,182.58	2,103.42	2,096.58	13.40	35.75	-57.37	-395.01	-5,583.54	5,226.04	5,178.39	47.66	109.662		
2,400.00	2,272.11	2,186.11	2,186.11	14.28	37.19	-57.75	-395.01	-5,583.54	5,200.25	5,150.38	49.88	104.265		
2,500.00	2,361.63	2,275.63	2,275.63	15.16	38.76	-58.14	-395.01	-5,583.54	5,174.72	5,122.50	52.22	99.090		
2,600.00	2,451.16	2,365.16	2,365.16	16.04	40.32	-58.53	-395.01	-5,583.54	5,149.44	5,094.87	54.58	94.350		
2,700.00	2,540.69	2,454.69	2,454.69	16.92	41.88	-58.92	-395.01	-5,583.54	5,124.43	5,067.49	56.94	89.995		
2,800.00	2,630.22	2,544.22	2,544.22	17.81	43.45	-59.32	-395.01	-5,583.54	5,099.69	5,040.37	59.31	85.981		
2,900.00	2,719.75	2,633.75	2,633.75	18.70	45.01	-59.72	-395.01	-5,583.54	5,075.21	5,013.52	61.69	82.270		
3,000.00	2,809.28	2,723.28	2,723.28	19.58	46.57	-60.12	-395.01	-5,583.54	5,051.01	4,986.94	64.07	78.831		
3,100.00	2,898.80	2,812.80	2,812.80	20.47	48.13	-60.52	-395.01	-5,583.54	5,027.09	4,960.62	66.47	75.635		
3,200.00	2,988.33	2,902.33	2,902.33	21.36	49.70	-60.93	-395.01	-5,583.54	5,003.45	4,934.58	68.86	72.658		
3,300.00	3,077.86	3,008.14	2,991.86	22.26	51.54	-61.35	-395.01	-5,583.54	4,980.09	4,908.54	71.55	69.602		
3,400.00	3,167.39	3,081.39	3,081.39	23.15	52.82	-61.76	-395.01	-5,583.54	4,957.03	4,883.35	73.68	67.280		
3,500.00	3,256.92	3,170.92	3,170.92	24.04	54.38	-62.18	-395.01	-5,583.54	4,934.26	4,858.17	76.09	64.844		
3,600.00	3,346.44	3,260.44	3,260.44	24.93	55.95	-62.60	-395.01	-5,583.54	4,911.79	4,833.27	78.52	62.557		
3,700.00	3,435.97	3,349.97	3,349.97	25.83	57.51	-63.03	-395.01	-5,583.54	4,889.62	4,808.68	80.94	60.407		
3,800.00	3,525.50	3,439.50	3,439.50	26.72	59.07	-63.46	-395.01	-5,583.54	4,867.76	4,784.38	83.38	58.381		
3,900.00	3,615.03	3,529.03	3,529.03	27.62	60.63	-63.89	-395.01	-5,583.54	4,846.21	4,760.39	85.82	56.471		
4,000.00	3,704.56	3,618.56	3,618.56	28.51	62.20	-64.32	-395.01	-5,583.54	4,824.97	4,736.71	88.26	54.666		
4,100.00	3,794.09	3,708.09	3,708.09	29.41	63.76	-64.76	-395.01	-5,583.54	4,804.06	4,713.34	90.71	52.958		
4,200.00	3,883.61	3,802.39	3,797.61	30.30	65.40	-65.20	-395.01	-5,583.54	4,783.46	4,690.21	93.25	51.296		
4,300.00	3,973.14	3,887.14	3,887.14	31.20	66.88	-65.65	-395.01	-5,583.54	4,763.20	4,667.57	95.63	49.808		
4,400.00	4,062.67	3,976.67	3,976.67	32.10	68.45	-66.10	-395.01	-5,583.54	4,743.27	4,645.17	98.10	48.353		
4,500.00	4,152.20	4,066.20	4,066.20	32.99	70.01	-66.55	-395.01	-5,583.54	4,723.67	4,623.10	100.57	46.970		
4,600.00	4,241.73	4,155.73	4,155.73	33.89	71.57	-67.00	-395.01	-5,583.54	4,704.41	4,601.37	103.04	45.655		
4,700.00	4,331.26	4,245.26	4,245.26	34.79	73.13	-67.46	-395.01	-5,583.54	4,685.50	4,579.98	105.52	44.403		
4,800.00	4,420.78	4,334.78	4,334.78	35.69	74.70	-67.92	-395.01	-5,583.54	4,666.94	4,558.93	108.01	43.209		
4,900.00	4,510.31	4,424.31	4,424.31	36.58	76.26	-68.38	-395.01	-5,583.54	4,648.73	4,538.23	110.50	42.071		
5,000.00	4,599.84	4,513.84	4,513.84	37.48	77.82	-68.85	-395.01	-5,583.54	4,630.87	4,517.88	112.99	40.985		
5,100.00	4,689.37	4,603.37	4,603.37	38.38	79.38	-69.32	-395.01	-5,583.54	4,613.38	4,497.89	115.49	39.947		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,707.10	4,692.90	39.28	81.19	-69.79	-395.01	-5,583.54	4,596.25	4,478.02	118.24	38.873		
5,300.00	4,868.42	4,782.42	4,782.42	40.18	82.51	-70.26	-395.01	-5,583.54	4,579.49	4,459.00	120.49	38.006		
5,400.00	4,957.95	4,871.95	4,871.95	41.07	84.07	-70.74	-395.01	-5,583.54	4,563.11	4,440.11	123.00	37.098		
5,500.00	5,047.48	4,961.48	4,961.48	41.97	85.63	-71.22	-395.01	-5,583.54	4,547.10	4,421.59	125.51	36.228		
5,600.00	5,137.01	5,051.01	5,051.01	42.87	87.20	-71.70	-395.01	-5,583.54	4,531.48	4,403.45	128.03	35.394		
5,700.00	5,226.54	5,140.54	5,140.54	43.77	88.76	-72.19	-395.01	-5,583.54	4,516.23	4,385.69	130.55	34.595		
5,800.00	5,316.07	5,230.07	5,230.07	44.67	90.32	-72.68	-395.01	-5,583.54	4,501.38	4,368.32	133.07	33.828		
5,900.00	5,405.59	5,319.59	5,319.59	45.57	91.88	-73.17	-395.01	-5,583.54	4,486.93	4,351.34	135.59	33.092		
6,000.00	5,495.12	5,409.12	5,409.12	46.47	93.45	-73.66	-395.01	-5,583.54	4,472.86	4,334.75	138.12	32.385		
6,100.00	5,584.65	5,501.35	5,498.65	47.37	95.06	-74.16	-395.01	-5,583.54	4,459.20	4,318.51	140.69	31.695		
6,200.00	5,674.18	5,588.18	5,588.18	48.27	96.57	-74.66	-395.01	-5,583.54	4,445.95	4,302.78	143.17	31.053		
6,300.00	5,763.71	5,677.71	5,677.71	49.16	98.13	-75.16	-395.01	-5,583.54	4,433.10	4,287.40	145.70	30.425		
6,400.00	5,853.23	5,767.23	5,767.23	50.06	99.70	-75.66	-395.01	-5,583.54	4,420.67	4,272.43	148.24	29.821		
6,500.00	5,942.76	5,856.76	5,856.76	50.96	101.26	-76.17	-395.01	-5,583.54	4,408.64	4,257.87	150.77	29.240		
6,600.00	6,032.29	5,946.29	5,946.29	51.86	102.82	-76.68	-395.01	-5,583.54	4,397.04	4,243.73	153.31	28.681		
6,700.00	6,121.82	6,035.82	6,035.82	52.76	104.38	-77.19	-395.01	-5,583.54	4,385.86	4,230.02	155.84	28.143		
6,800.00	6,211.35	6,125.35	6,125.35	53.66	105.95	-77.70	-395.01	-5,583.54	4,375.11	4,216.73	158.38	27.624		
6,900.00	6,300.88	6,214.88	6,214.88	54.56	107.51	-78.21	-395.01	-5,583.54	4,364.78	4,203.86	160.92	27.124		
7,000.00	6,390.40	6,304.40	6,304.40	55.46	109.07	-78.73	-395.01	-5,583.54	4,354.88	4,191.43	163.45	26.643		
7,100.00	6,479.90	6,406.10	6,393.90	56.36	110.85	-77.62	-395.01	-5,583.54	4,345.32	4,179.12	166.20	26.145		
7,200.00	6,565.62	6,479.62	6,479.62	57.41	112.13	-68.18	-395.01	-5,583.54	4,327.25	4,158.67	168.58	25.668		
7,300.00	6,643.25	6,557.25	6,557.25	58.67	113.49	-64.06	-395.01	-5,583.54	4,295.59	4,124.38	171.21	25.089		
7,400.00	6,710.45	6,624.45	6,624.45	60.11	114.66	-63.55	-395.01	-5,583.54	4,251.50	4,077.69	173.81	24.461		
7,500.00	6,765.16	6,679.16	6,679.16	61.71	115.61	-65.94	-395.01	-5,583.54	4,196.50	4,020.21	176.29	23.804		
7,600.00	6,805.74	6,719.74	6,719.74	63.40	116.32	-71.04	-395.01	-5,583.54	4,132.39	3,953.80	178.60	23.138		
7,700.00	6,830.93	6,744.93	6,744.93	65.14	116.76	-78.90	-395.01	-5,583.54	4,061.18	3,880.54	180.64	22.482		
7,800.00	6,839.98	6,753.98	6,753.98	66.86	116.92	-89.40	-395.01	-5,583.54	3,985.00	3,802.64	182.36	21.853		
7,900.00	6,840.00	6,754.00	6,754.00	68.58	116.92	-90.00	-395.01	-5,583.54	3,907.38	3,723.48	183.90	21.247		
8,000.00	6,840.00	6,754.00	6,754.00	70.35	116.92	-90.00	-395.01	-5,583.54	3,830.80	3,645.28	185.52	20.649		
8,100.00	6,840.00	6,754.00	6,754.00	72.18	116.92	-90.00	-395.01	-5,583.54	3,755.32	3,568.12	187.20	20.060		
8,200.00	6,840.00	6,754.00	6,754.00	74.06	116.92	-90.00	-395.01	-5,583.54	3,681.01	3,492.05	188.96	19.481		
8,300.00	6,840.00	6,754.00	6,754.00	75.98	116.92	-90.00	-395.01	-5,583.54	3,607.94	3,417.16	190.78	18.911		
8,400.00	6,840.00	6,754.00	6,754.00	77.96	116.92	-90.00	-395.01	-5,583.54	3,536.19	3,343.50	192.68	18.352		
8,500.00	6,840.00	6,754.00	6,754.00	79.97	116.92	-90.00	-395.01	-5,583.54	3,465.84	3,271.18	194.66	17.805		
8,600.00	6,840.00	6,754.00	6,754.00	82.03	116.92	-90.00	-395.01	-5,583.54	3,396.97	3,200.27	196.70	17.270		
8,700.00	6,840.00	6,754.00	6,754.00	84.12	116.92	-90.00	-395.01	-5,583.54	3,329.69	3,130.87	198.82	16.748		
8,800.00	6,840.00	6,754.00	6,754.00	86.25	116.92	-90.00	-395.01	-5,583.54	3,264.08	3,063.08	201.00	16.239		
8,900.00	6,840.00	6,754.00	6,754.00	88.41	116.92	-90.00	-395.01	-5,583.54	3,200.25	2,997.00	203.25	15.745		
9,000.00	6,840.00	6,754.00	6,754.00	90.60	116.92	-90.00	-395.01	-5,583.54	3,138.31	2,932.74	205.57	15.266		
9,100.00	6,840.00	6,754.00	6,754.00	92.82	116.92	-90.00	-395.01	-5,583.54	3,078.38	2,870.43	207.95	14.804		
9,200.00	6,840.00	6,754.00	6,754.00	95.07	116.92	-90.00	-395.01	-5,583.54	3,020.56	2,810.19	210.38	14.358		
9,300.00	6,840.00	6,754.00	6,754.00	97.34	116.92	-90.00	-395.01	-5,583.54	2,964.99	2,752.14	212.85	13.930		
9,400.00	6,840.00	6,754.00	6,754.00	99.64	116.92	-90.00	-395.01	-5,583.54	2,911.80	2,696.43	215.37	13.520		
9,500.00	6,840.00	6,754.00	6,754.00	101.95	116.92	-90.00	-395.01	-5,583.54	2,861.12	2,643.20	217.92	13.129		
9,600.00	6,840.00	6,754.00	6,754.00	104.29	116.92	-90.00	-395.01	-5,583.54	2,813.07	2,592.58	220.49	12.758		
9,700.00	6,840.00	6,754.00	6,754.00	106.64	116.92	-90.00	-395.01	-5,583.54	2,767.81	2,544.75	223.06	12.408		
9,800.00	6,840.00	6,754.00	6,754.00	109.02	116.92	-90.00	-395.01	-5,583.54	2,725.47	2,499.83	225.63	12.079		
9,900.00	6,840.00	6,754.00	6,754.00	111.41	116.92	-90.00	-395.01	-5,583.54	2,686.18	2,458.00	228.18	11.772		
10,000.00	6,840.00	6,754.00	6,754.00	113.81	116.92	-90.00	-395.01	-5,583.54	2,650.09	2,419.39	230.70	11.487		
10,100.00	6,840.00	6,754.00	6,754.00	116.23	116.92	-90.00	-395.01	-5,583.54	2,617.32	2,384.17	233.15	11.226		
10,200.00	6,840.00	6,754.00	6,754.00	118.67	116.92	-90.00	-395.01	-5,583.54	2,588.00	2,352.46	235.54	10.988		
10,300.00	6,840.00	6,754.00	6,754.00	121.11	116.92	-90.00	-395.01	-5,583.54	2,562.26	2,324.42	237.83	10.773		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	123.57	116.92	-90.00	-395.01	-5,583.54	2,540.19	2,300.17	240.02	10.583		
10,500.00	6,840.00	6,754.00	6,754.00	126.04	116.92	-90.00	-395.01	-5,583.54	2,521.89	2,279.81	242.08	10.418		
10,600.00	6,840.00	6,754.00	6,754.00	128.52	116.92	-90.00	-395.01	-5,583.54	2,507.46	2,263.46	243.99	10.277		
10,700.00	6,840.00	6,754.00	6,754.00	131.01	116.92	-90.00	-395.01	-5,583.54	2,496.95	2,251.19	245.75	10.160		
10,800.00	6,840.00	6,754.00	6,754.00	133.51	116.92	-90.00	-395.01	-5,583.54	2,490.41	2,243.07	247.34	10.069		
10,900.00	6,840.00	6,754.00	6,754.00	136.02	116.92	-90.00	-395.01	-5,583.54	2,487.88	2,239.14	248.74	10.002		
10,913.02	6,840.00	6,754.00	6,754.00	136.34	116.92	-90.00	-395.01	-5,583.54	2,487.84	2,238.93	248.91	9.995 CC, ES		
11,000.00	6,840.00	6,754.00	6,754.00	138.53	116.92	-90.00	-395.01	-5,583.54	2,489.36	2,239.41	249.95	9.959		
11,100.00	6,840.00	6,754.00	6,754.00	141.06	116.92	-90.00	-395.01	-5,583.54	2,494.86	2,243.90	250.96	9.941 SF		
11,200.00	6,840.00	6,754.00	6,754.00	143.59	116.92	-90.00	-395.01	-5,583.54	2,504.34	2,252.56	251.78	9.947		
11,300.00	6,840.00	6,754.00	6,754.00	146.13	116.92	-90.00	-395.01	-5,583.54	2,517.76	2,265.37	252.39	9.976		
11,400.00	6,840.00	6,754.00	6,754.00	148.68	116.92	-90.00	-395.01	-5,583.54	2,535.06	2,282.25	252.81	10.028		
11,500.00	6,840.00	6,754.00	6,754.00	151.23	116.92	-90.00	-395.01	-5,583.54	2,556.15	2,303.12	253.03	10.102		
11,600.00	6,840.00	6,754.00	6,754.00	153.79	116.92	-90.00	-395.01	-5,583.54	2,580.95	2,327.87	253.08	10.198		
11,700.00	6,840.00	6,754.00	6,754.00	156.35	116.92	-90.00	-395.01	-5,583.54	2,609.35	2,356.40	252.95	10.316		
11,800.00	6,840.00	6,754.00	6,754.00	158.92	116.92	-90.00	-395.01	-5,583.54	2,641.23	2,388.57	252.66	10.454		
11,900.00	6,840.00	6,754.00	6,754.00	161.49	116.92	-90.00	-395.01	-5,583.54	2,676.47	2,424.24	252.23	10.611		
12,000.00	6,840.00	6,754.00	6,754.00	164.07	116.92	-90.00	-395.01	-5,583.54	2,714.94	2,463.28	251.66	10.788		
12,100.00	6,840.00	6,754.00	6,754.00	166.66	116.92	-90.00	-395.01	-5,583.54	2,756.50	2,505.53	250.97	10.984		
12,200.00	6,840.00	6,754.00	6,754.00	169.25	116.92	-90.00	-395.01	-5,583.54	2,801.01	2,550.84	250.17	11.197		
12,300.00	6,840.00	6,754.00	6,754.00	171.84	116.92	-90.00	-395.01	-5,583.54	2,848.35	2,599.07	249.28	11.426		
12,400.00	6,840.00	6,754.00	6,754.00	174.44	116.92	-90.00	-395.01	-5,583.54	2,898.36	2,650.05	248.31	11.672		
12,500.00	6,840.00	6,754.00	6,754.00	177.04	116.92	-90.00	-395.01	-5,583.54	2,950.91	2,703.64	247.27	11.934		
12,600.00	6,840.00	6,754.00	6,754.00	179.64	116.92	-90.00	-395.01	-5,583.54	3,005.87	2,759.69	246.18	12.210		
12,700.00	6,840.00	6,754.00	6,754.00	182.25	116.92	-90.00	-395.01	-5,583.54	3,063.11	2,818.07	245.04	12.500		
12,800.00	6,840.00	6,754.00	6,754.00	184.86	116.92	-90.00	-395.01	-5,583.54	3,122.51	2,878.64	243.87	12.804		
12,900.00	6,840.00	6,754.00	6,754.00	187.47	116.92	-90.00	-395.01	-5,583.54	3,183.94	2,941.27	242.67	13.120		
13,000.00	6,840.00	6,754.00	6,754.00	190.09	116.92	-90.00	-395.01	-5,583.54	3,247.28	3,005.83	241.45	13.449		
13,100.00	6,840.00	6,754.00	6,754.00	192.71	116.92	-90.00	-395.01	-5,583.54	3,312.44	3,072.21	240.22	13.789		
13,200.00	6,840.00	6,754.00	6,754.00	195.34	116.92	-90.00	-395.01	-5,583.54	3,379.30	3,140.30	238.99	14.140		
13,300.00	6,840.00	6,754.00	6,754.00	197.96	116.92	-90.00	-395.01	-5,583.54	3,447.76	3,210.00	237.76	14.501		
13,400.00	6,840.00	6,754.00	6,754.00	200.59	116.92	-90.00	-395.01	-5,583.54	3,517.73	3,281.20	236.53	14.872		
13,500.00	6,840.00	6,754.00	6,754.00	203.22	116.92	-90.00	-395.01	-5,583.54	3,589.13	3,353.81	235.31	15.253		
13,600.00	6,840.00	6,754.00	6,754.00	205.85	116.92	-90.00	-395.01	-5,583.54	3,661.86	3,427.75	234.11	15.642		
13,700.00	6,840.00	6,754.00	6,754.00	208.49	116.92	-90.00	-395.01	-5,583.54	3,735.86	3,502.94	232.92	16.039		
13,800.00	6,840.00	6,754.00	6,754.00	211.13	116.92	-90.00	-395.01	-5,583.54	3,811.04	3,579.29	231.75	16.445		
13,900.00	6,840.00	6,754.00	6,754.00	213.77	116.92	-90.00	-395.01	-5,583.54	3,887.34	3,656.75	230.59	16.858		
14,000.00	6,840.00	6,754.00	6,754.00	216.41	116.92	-90.00	-395.01	-5,583.54	3,964.69	3,735.23	229.46	17.278		
14,100.00	6,840.00	6,754.00	6,754.00	219.06	116.92	-90.00	-395.01	-5,583.54	4,043.04	3,814.69	228.35	17.705		
14,200.00	6,840.00	6,754.00	6,754.00	221.70	116.92	-90.00	-395.01	-5,583.54	4,122.33	3,895.06	227.27	18.139		
14,300.00	6,840.00	6,754.00	6,754.00	224.35	116.92	-90.00	-395.01	-5,583.54	4,202.50	3,976.29	226.21	18.578		
14,400.00	6,840.00	6,754.00	6,754.00	227.00	116.92	-90.00	-395.01	-5,583.54	4,283.50	4,058.33	225.17	19.023		
14,500.00	6,840.00	6,754.00	6,754.00	229.65	116.92	-90.00	-395.01	-5,583.54	4,365.29	4,141.13	224.16	19.474		
14,600.00	6,840.00	6,754.00	6,754.00	232.30	116.92	-90.00	-395.01	-5,583.54	4,447.83	4,224.66	223.17	19.930		
14,700.00	6,840.00	6,754.00	6,754.00	234.96	116.92	-90.00	-395.01	-5,583.54	4,531.07	4,308.86	222.21	20.391		
14,800.00	6,840.00	6,754.00	6,754.00	237.61	116.92	-90.00	-395.01	-5,583.54	4,614.97	4,393.70	221.28	20.856		
14,900.00	6,840.00	6,754.00	6,754.00	240.27	116.92	-90.00	-395.01	-5,583.54	4,699.51	4,479.14	220.36	21.326		
15,000.00	6,840.00	6,754.00	6,754.00	242.93	116.92	-90.00	-395.01	-5,583.54	4,784.64	4,565.16	219.48	21.800		
15,100.00	6,840.00	6,754.00	6,754.00	245.59	116.92	-90.00	-395.01	-5,583.54	4,870.33	4,651.72	218.61	22.278		
15,200.00	6,840.00	6,754.00	6,754.00	248.25	116.92	-90.00	-395.01	-5,583.54	4,956.57	4,738.79	217.77	22.760		
15,300.00	6,840.00	6,754.00	6,754.00	250.92	116.92	-90.00	-395.01	-5,583.54	5,043.31	4,826.35	216.96	23.246		
15,400.00	6,840.00	6,754.00	6,754.00	253.58	116.92	-90.00	-395.01	-5,583.54	5,130.53	4,914.37	216.16	23.734		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	256.25	116.92	-90.00	-395.01	-5,583.54	5,218.21	5,002.82	215.39	24.226		
15,600.00	6,840.00	6,754.00	6,754.00	258.91	116.92	-90.00	-395.01	-5,583.54	5,306.33	5,091.69	214.64	24.722		
15,700.00	6,840.00	6,754.00	6,754.00	261.58	116.92	-90.00	-395.01	-5,583.54	5,394.86	5,180.95	213.91	25.220		
15,800.00	6,840.00	6,754.00	6,754.00	264.25	116.92	-90.00	-395.01	-5,583.54	5,483.79	5,270.58	213.21	25.720		
15,900.00	6,840.00	6,754.00	6,754.00	266.92	116.92	-90.00	-395.01	-5,583.54	5,573.09	5,360.57	212.52	26.224		
16,000.00	6,840.00	6,754.00	6,754.00	269.59	116.92	-90.00	-395.01	-5,583.54	5,662.75	5,450.90	211.85	26.730		
16,100.00	6,840.00	6,754.00	6,754.00	272.26	116.92	-90.00	-395.01	-5,583.54	5,752.75	5,541.55	211.20	27.238		
16,200.00	6,840.00	6,754.00	6,754.00	274.94	116.92	-90.00	-395.01	-5,583.54	5,843.07	5,632.50	210.57	27.749		
16,300.00	6,840.00	6,754.00	6,754.00	277.61	116.92	-90.00	-395.01	-5,583.54	5,933.71	5,723.75	209.96	28.261		
16,400.00	6,840.00	6,754.00	6,754.00	280.28	116.92	-90.00	-395.01	-5,583.54	6,024.64	5,815.28	209.36	28.776		
16,500.00	6,840.00	6,754.00	6,754.00	282.96	116.92	-90.00	-395.01	-5,583.54	6,115.86	5,907.07	208.78	29.293		
16,600.00	6,840.00	6,754.00	6,754.00	285.64	116.92	-90.00	-395.01	-5,583.54	6,207.34	5,999.12	208.22	29.811		
16,700.00	6,840.00	6,754.00	6,754.00	288.31	116.92	-90.00	-395.01	-5,583.54	6,299.09	6,091.41	207.68	30.331		
16,800.00	6,840.00	6,754.00	6,754.00	290.99	116.92	-90.00	-395.01	-5,583.54	6,391.08	6,183.94	207.14	30.853		
16,900.00	6,840.00	6,754.00	6,754.00	293.67	116.92	-90.00	-395.01	-5,583.54	6,483.31	6,276.68	206.63	31.377		
17,000.00	6,840.00	6,754.00	6,754.00	296.35	116.92	-90.00	-395.01	-5,583.54	6,575.76	6,369.64	206.13	31.902		
17,100.00	6,840.00	6,754.00	6,754.00	299.03	116.92	-90.00	-395.01	-5,583.54	6,668.44	6,462.80	205.64	32.428		
17,200.00	6,840.00	6,754.00	6,754.00	301.71	116.92	-90.00	-395.01	-5,583.54	6,761.32	6,556.16	205.17	32.955		
17,300.00	6,840.00	6,754.00	6,754.00	304.39	116.92	-90.00	-395.01	-5,583.54	6,854.41	6,649.70	204.70	33.484		
17,400.00	6,840.00	6,754.00	6,754.00	307.08	116.92	-90.00	-395.01	-5,583.54	6,947.68	6,743.42	204.26	34.014		
17,500.00	6,840.00	6,754.00	6,754.00	309.76	116.92	-90.00	-395.01	-5,583.54	7,041.14	6,837.32	203.82	34.546		
17,600.00	6,840.00	6,754.00	6,754.00	312.44	116.92	-90.00	-395.01	-5,583.54	7,134.78	6,931.38	203.40	35.078		
17,700.00	6,840.00	6,754.00	6,754.00	315.13	116.92	-90.00	-395.01	-5,583.54	7,228.59	7,025.60	202.99	35.611		
17,800.00	6,840.00	6,754.00	6,754.00	317.81	116.92	-90.00	-395.01	-5,583.54	7,322.56	7,119.97	202.59	36.145		
17,900.00	6,840.00	6,754.00	6,754.00	320.50	116.92	-90.00	-395.01	-5,583.54	7,416.69	7,214.49	202.20	36.681		
18,000.00	6,840.00	6,754.00	6,754.00	323.19	116.92	-90.00	-395.01	-5,583.54	7,510.97	7,309.15	201.82	37.217		
18,100.00	6,840.00	6,754.00	6,754.00	325.87	116.92	-90.00	-395.01	-5,583.54	7,605.40	7,403.95	201.45	37.753		
18,200.00	6,840.00	6,754.00	6,754.00	328.56	116.92	-90.00	-395.01	-5,583.54	7,699.96	7,498.87	201.09	38.291		
18,300.00	6,840.00	6,754.00	6,754.00	331.25	116.92	-90.00	-395.01	-5,583.54	7,794.67	7,593.92	200.74	38.829		
18,400.00	6,840.00	6,754.00	6,754.00	333.94	116.92	-90.00	-395.01	-5,583.54	7,889.50	7,689.10	200.40	39.368		
18,500.00	6,840.00	6,754.00	6,754.00	336.63	116.92	-90.00	-395.01	-5,583.54	7,984.46	7,784.39	200.07	39.908		
18,600.00	6,840.00	6,754.00	6,754.00	339.32	116.92	-90.00	-395.01	-5,583.54	8,079.54	7,879.79	199.75	40.448		
18,700.00	6,840.00	6,754.00	6,754.00	342.01	116.92	-90.00	-395.01	-5,583.54	8,174.74	7,975.30	199.44	40.988		
18,800.00	6,840.00	6,754.00	6,754.00	344.70	116.92	-90.00	-395.01	-5,583.54	8,270.06	8,070.92	199.14	41.530		
18,900.00	6,840.00	6,754.00	6,754.00	347.39	116.92	-90.00	-395.01	-5,583.54	8,365.48	8,166.64	198.84	42.071		
19,000.00	6,840.00	6,754.00	6,754.00	350.08	116.92	-90.00	-395.01	-5,583.54	8,461.01	8,262.45	198.55	42.613		
19,100.00	6,840.00	6,754.00	6,754.00	352.77	116.92	-90.00	-395.01	-5,583.54	8,556.63	8,358.36	198.27	43.156		
19,200.00	6,840.00	6,754.00	6,754.00	355.46	116.92	-90.00	-395.01	-5,583.54	8,652.36	8,454.36	198.00	43.699		
19,300.00	6,840.00	6,754.00	6,754.00	358.16	116.92	-90.00	-395.01	-5,583.54	8,748.19	8,550.45	197.74	44.242		
19,400.00	6,840.00	6,754.00	6,754.00	360.85	116.92	-90.00	-395.01	-5,583.54	8,844.10	8,646.63	197.48	44.785		
19,500.00	6,840.00	6,754.00	6,754.00	363.54	116.92	-90.00	-395.01	-5,583.54	8,940.11	8,742.89	197.23	45.329		
19,600.00	6,840.00	6,754.00	6,754.00	366.24	116.92	-90.00	-395.01	-5,583.54	9,036.20	8,839.22	196.98	45.873		
19,700.00	6,840.00	6,754.00	6,754.00	368.93	116.92	-90.00	-395.01	-5,583.54	9,132.38	8,935.64	196.74	46.418		
19,800.00	6,840.00	6,754.00	6,754.00	371.63	116.92	-90.00	-395.01	-5,583.54	9,228.64	9,032.13	196.51	46.962		
19,900.00	6,840.00	6,754.00	6,754.00	374.32	116.92	-90.00	-395.01	-5,583.54	9,324.98	9,128.69	196.29	47.507		
20,000.00	6,840.00	6,754.00	6,754.00	377.02	116.92	-90.00	-395.01	-5,583.54	9,421.39	9,225.32	196.07	48.052		
20,100.00	6,840.00	6,754.00	6,754.00	379.71	116.92	-90.00	-395.01	-5,583.54	9,517.88	9,322.02	195.85	48.597		
20,200.00	6,840.00	6,754.00	6,754.00	382.41	116.92	-90.00	-395.01	-5,583.54	9,614.43	9,418.79	195.65	49.142		
20,300.00	6,840.00	6,754.00	6,754.00	385.11	116.92	-90.00	-395.01	-5,583.54	9,711.06	9,515.62	195.44	49.687		
20,400.00	6,840.00	6,754.00	6,754.00	387.80	116.92	-90.00	-395.01	-5,583.54	9,807.76	9,612.51	195.25	50.233		
20,500.00	6,840.00	6,754.00	6,754.00	390.50	116.92	-90.00	-395.01	-5,583.54	9,904.52	9,709.47	195.05	50.778		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-76.45	2,302.06	-9,552.80	9,827.21					
100.00	100.00	0.00	0.00	0.13	0.00	-76.45	2,302.06	-9,552.80	9,826.33	9,826.20	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-76.45	2,302.06	-9,552.80	9,826.27	9,825.82	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-76.45	2,302.06	-9,552.80	9,826.27	9,825.27	1.00	9,870.150		
300.00	300.00	164.00	164.00	0.85	1.90	-76.45	2,302.06	-9,552.80	9,826.27	9,823.51	2.75	3,568.283		
400.00	399.98	263.98	263.98	1.21	3.65	-31.84	2,302.06	-9,552.80	9,824.78	9,819.93	4.86	2,023.403		
500.00	499.84	363.84	363.84	1.57	5.39	-31.90	2,302.06	-9,552.80	9,820.34	9,813.38	6.96	1,411.357		
600.00	599.45	463.45	463.45	1.94	7.13	-32.01	2,302.06	-9,552.80	9,812.94	9,803.87	9.06	1,083.043		
700.00	698.70	562.70	562.70	2.32	8.86	-32.16	2,302.06	-9,552.80	9,802.59	9,791.43	11.16	878.199		
800.00	797.47	661.47	661.47	2.73	10.58	-32.35	2,302.06	-9,552.80	9,789.31	9,776.05	13.26	738.103		
900.00	895.62	759.62	759.62	3.16	12.30	-32.58	2,302.06	-9,552.80	9,773.13	9,757.76	15.36	636.165		
1,000.00	993.06	857.06	857.06	3.63	14.00	-32.86	2,302.06	-9,552.80	9,754.06	9,736.60	17.46	558.598		
1,100.00	1,089.64	953.64	953.64	4.14	15.68	-33.19	2,302.06	-9,552.80	9,732.14	9,712.58	19.56	497.543		
1,200.00	1,185.27	1,049.27	1,049.27	4.70	17.35	-33.57	2,302.06	-9,552.80	9,707.41	9,685.75	21.66	448.194		
1,300.00	1,279.82	1,143.82	1,143.82	5.30	19.00	-33.99	2,302.06	-9,552.80	9,679.89	9,656.13	23.76	407.443		
1,400.00	1,373.17	1,237.17	1,237.17	5.96	20.63	-34.46	2,302.06	-9,552.80	9,649.64	9,623.78	25.86	373.197		
1,500.00	1,465.21	1,329.21	1,329.21	6.67	22.24	-34.99	2,302.06	-9,552.80	9,616.70	9,588.74	27.96	343.989		
1,600.00	1,555.84	1,419.84	1,419.84	7.44	23.82	-35.57	2,302.06	-9,552.80	9,581.12	9,551.06	30.06	318.766		
1,700.00	1,645.41	1,509.41	1,509.41	8.26	25.38	-35.83	2,302.06	-9,552.80	9,543.74	9,511.58	32.16	296.763		
1,800.00	1,734.94	1,601.06	1,598.94	9.09	26.98	-35.98	2,302.06	-9,552.80	9,506.36	9,472.05	34.31	277.097		
1,900.00	1,824.47	1,688.47	1,688.47	9.94	28.51	-36.13	2,302.06	-9,552.80	9,469.04	9,432.64	36.39	260.199		
2,000.00	1,913.99	1,777.99	1,777.99	10.80	30.07	-36.29	2,302.06	-9,552.80	9,431.78	9,393.25	38.52	244.835		
2,100.00	2,003.52	1,867.52	1,867.52	11.66	31.63	-36.44	2,302.06	-9,552.80	9,394.58	9,353.92	40.66	231.036		
2,200.00	2,093.05	1,957.05	1,957.05	12.53	33.20	-36.60	2,302.06	-9,552.80	9,357.45	9,314.64	42.81	218.581		
2,300.00	2,182.58	2,046.58	2,046.58	13.40	34.76	-36.75	2,302.06	-9,552.80	9,320.38	9,275.42	44.96	207.286		
2,400.00	2,272.11	2,136.11	2,136.11	14.28	36.32	-36.91	2,302.06	-9,552.80	9,283.38	9,236.26	47.12	197.001		
2,500.00	2,361.63	2,225.63	2,225.63	15.16	37.88	-37.07	2,302.06	-9,552.80	9,246.45	9,197.16	49.29	187.596		
2,600.00	2,451.16	2,315.16	2,315.16	16.04	39.45	-37.23	2,302.06	-9,552.80	9,209.58	9,158.12	51.46	178.967		
2,700.00	2,540.69	2,404.69	2,404.69	16.92	41.01	-37.40	2,302.06	-9,552.80	9,172.78	9,119.14	53.63	171.022		
2,800.00	2,630.22	2,505.78	2,494.22	17.81	42.77	-37.56	2,302.06	-9,552.80	9,136.05	9,080.03	56.02	163.095		
2,900.00	2,719.75	2,583.75	2,583.75	18.70	44.13	-37.72	2,302.06	-9,552.80	9,099.39	9,041.39	58.00	156.888		
3,000.00	2,809.28	2,673.28	2,673.28	19.58	45.70	-37.89	2,302.06	-9,552.80	9,062.80	9,002.61	60.19	150.575		
3,100.00	2,898.80	2,762.80	2,762.80	20.47	47.26	-38.06	2,302.06	-9,552.80	9,026.28	8,963.90	62.38	144.696		
3,200.00	2,988.33	2,852.33	2,852.33	21.36	48.82	-38.22	2,302.06	-9,552.80	8,989.84	8,925.26	64.58	139.210		
3,300.00	3,077.86	2,941.86	2,941.86	22.26	50.39	-38.39	2,302.06	-9,552.80	8,953.46	8,886.69	66.78	134.077		
3,400.00	3,167.39	3,031.39	3,031.39	23.15	51.95	-38.56	2,302.06	-9,552.80	8,917.17	8,848.18	68.98	129.266		
3,500.00	3,256.92	3,120.92	3,120.92	24.04	53.51	-38.74	2,302.06	-9,552.80	8,880.94	8,809.75	71.19	124.748		
3,600.00	3,346.44	3,210.44	3,210.44	24.93	55.07	-38.91	2,302.06	-9,552.80	8,844.80	8,771.39	73.40	120.496		
3,700.00	3,435.97	3,300.03	3,299.97	25.83	56.64	-39.08	2,302.06	-9,552.80	8,808.73	8,733.11	75.62	116.486		
3,800.00	3,525.50	3,389.50	3,389.50	26.72	58.20	-39.26	2,302.06	-9,552.80	8,772.74	8,694.90	77.84	112.704		
3,900.00	3,615.03	3,479.03	3,479.03	27.62	59.76	-39.44	2,302.06	-9,552.80	8,736.82	8,656.76	80.06	109.126		
4,000.00	3,704.56	3,568.56	3,568.56	28.51	61.32	-39.62	2,302.06	-9,552.80	8,700.99	8,618.70	82.29	105.737		
4,100.00	3,794.09	3,658.09	3,658.09	29.41	62.89	-39.80	2,302.06	-9,552.80	8,665.24	8,580.72	84.52	102.523		
4,200.00	3,883.61	3,747.61	3,747.61	30.30	64.45	-39.98	2,302.06	-9,552.80	8,629.57	8,542.81	86.75	99.472		
4,300.00	3,973.14	3,837.14	3,837.14	31.20	66.01	-40.16	2,302.06	-9,552.80	8,593.98	8,504.99	88.99	96.570		
4,400.00	4,062.67	3,926.67	3,926.67	32.10	67.57	-40.34	2,302.06	-9,552.80	8,558.48	8,467.24	91.23	93.809		
4,500.00	4,152.20	4,016.20	4,016.20	32.99	69.14	-40.53	2,302.06	-9,552.80	8,523.06	8,429.58	93.48	91.176		
4,600.00	4,241.73	4,105.73	4,105.73	33.89	70.70	-40.72	2,302.06	-9,552.80	8,487.72	8,392.00	95.73	88.665		
4,700.00	4,331.26	4,204.75	4,195.26	34.79	72.43	-40.91	2,302.06	-9,552.80	8,452.48	8,354.33	98.15	86.121		
4,800.00	4,420.78	4,284.78	4,284.78	35.69	73.82	-41.10	2,302.06	-9,552.80	8,417.32	8,317.09	100.24	83.974		
4,900.00	4,510.31	4,374.31	4,374.31	36.58	75.39	-41.29	2,302.06	-9,552.80	8,382.25	8,279.76	102.50	81.780		
5,000.00	4,599.84	4,463.84	4,463.84	37.48	76.95	-41.48	2,302.06	-9,552.80	8,347.28	8,242.52	104.76	79.679		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,553.37	4,553.37	38.38	78.51	-41.67	2,302.06	-9,552.80	8,312.39	8,205.36	107.03	77.665		
5,200.00	4,778.90	4,642.90	4,642.90	39.28	80.07	-41.87	2,302.06	-9,552.80	8,277.60	8,168.30	109.30	75.732		
5,300.00	4,868.42	4,732.42	4,732.42	40.18	81.64	-42.07	2,302.06	-9,552.80	8,242.90	8,131.32	111.58	73.877		
5,400.00	4,957.95	4,821.95	4,821.95	41.07	83.20	-42.27	2,302.06	-9,552.80	8,208.29	8,094.44	113.86	72.094		
5,500.00	5,047.48	4,911.48	4,911.48	41.97	84.76	-42.47	2,302.06	-9,552.80	8,173.79	8,057.65	116.14	70.380		
5,600.00	5,137.01	5,001.01	5,001.01	42.87	86.32	-42.67	2,302.06	-9,552.80	8,139.38	8,020.95	118.43	68.730		
5,700.00	5,226.54	5,109.46	5,090.54	43.77	88.22	-42.87	2,302.06	-9,552.80	8,105.07	7,984.02	121.05	66.958		
5,800.00	5,316.07	5,180.07	5,180.07	44.67	89.45	-43.08	2,302.06	-9,552.80	8,070.85	7,947.84	123.01	65.610		
5,900.00	5,405.59	5,269.59	5,269.59	45.57	91.01	-43.28	2,302.06	-9,552.80	8,036.74	7,911.43	125.31	64.134		
6,000.00	5,495.12	5,359.12	5,359.12	46.47	92.57	-43.49	2,302.06	-9,552.80	8,002.74	7,875.12	127.61	62.710		
6,100.00	5,584.65	5,448.65	5,448.65	47.37	94.14	-43.70	2,302.06	-9,552.80	7,968.83	7,838.91	129.92	61.335		
6,200.00	5,674.18	5,538.18	5,538.18	48.27	95.70	-43.91	2,302.06	-9,552.80	7,935.03	7,802.80	132.23	60.008		
6,300.00	5,763.71	5,627.71	5,627.71	49.16	97.26	-44.13	2,302.06	-9,552.80	7,901.34	7,766.79	134.55	58.725		
6,400.00	5,853.23	5,717.23	5,717.23	50.06	98.82	-44.34	2,302.06	-9,552.80	7,867.76	7,730.89	136.87	57.484		
6,500.00	5,942.76	5,806.76	5,806.76	50.96	100.39	-44.56	2,302.06	-9,552.80	7,834.28	7,695.09	139.19	56.284		
6,600.00	6,032.29	5,903.71	5,896.29	51.86	102.08	-44.77	2,302.06	-9,552.80	7,800.92	7,659.27	141.65	55.072		
6,700.00	6,121.82	5,985.82	5,985.82	52.76	103.51	-44.99	2,302.06	-9,552.80	7,767.67	7,623.82	143.85	53.997		
6,800.00	6,211.35	6,075.35	6,075.35	53.66	105.07	-45.22	2,302.06	-9,552.80	7,734.53	7,588.34	146.19	52.907		
6,900.00	6,300.88	6,164.88	6,164.88	54.56	106.64	-45.44	2,302.06	-9,552.80	7,701.51	7,552.98	148.53	51.851		
7,000.00	6,390.40	6,254.40	6,254.40	55.46	108.20	-45.66	2,302.06	-9,552.80	7,668.60	7,517.73	150.88	50.827		
7,100.00	6,479.90	6,343.90	6,343.90	56.36	109.76	-44.18	2,302.06	-9,552.80	7,635.70	7,482.48	153.23	49.833		
7,200.00	6,565.62	6,429.62	6,429.62	57.41	111.26	-33.24	2,302.06	-9,552.80	7,593.14	7,437.62	155.52	48.826		
7,300.00	6,643.25	6,507.25	6,507.25	58.67	112.61	-26.56	2,302.06	-9,552.80	7,535.63	7,378.00	157.63	47.806		
7,400.00	6,710.45	6,574.45	6,574.45	60.11	113.79	-22.20	2,302.06	-9,552.80	7,464.90	7,305.42	159.48	46.807		
7,500.00	6,765.16	6,629.16	6,629.16	61.71	114.74	-19.06	2,302.06	-9,552.80	7,383.05	7,222.05	161.00	45.858		
7,600.00	6,805.74	6,669.74	6,669.74	63.40	115.45	-16.21	2,302.06	-9,552.80	7,292.54	7,130.42	162.12	44.983		
7,700.00	6,830.93	6,705.07	6,694.93	65.14	116.07	-11.35	2,302.06	-9,552.80	7,196.10	7,033.13	162.97	44.156		
7,800.00	6,839.98	6,703.98	6,703.98	66.86	116.05	70.64	2,302.06	-9,552.80	7,096.64	6,933.63	163.01	43.536		
7,900.00	6,840.00	6,704.00	6,704.00	68.58	116.05	90.00	2,302.06	-9,552.80	6,996.68	6,833.72	162.96	42.935		
8,000.00	6,840.00	6,704.00	6,704.00	70.35	116.05	90.00	2,302.06	-9,552.80	6,896.71	6,733.80	162.91	42.335		
8,100.00	6,840.00	6,704.00	6,704.00	72.18	116.05	90.00	2,302.06	-9,552.80	6,796.75	6,633.89	162.86	41.734		
8,200.00	6,840.00	6,704.00	6,704.00	74.06	116.05	90.00	2,302.06	-9,552.80	6,696.79	6,533.99	162.81	41.134		
8,300.00	6,840.00	6,704.00	6,704.00	75.98	116.05	90.00	2,302.06	-9,552.80	6,596.83	6,434.08	162.75	40.533		
8,400.00	6,840.00	6,704.00	6,704.00	77.96	116.05	90.00	2,302.06	-9,552.80	6,496.88	6,334.18	162.70	39.932		
8,500.00	6,840.00	6,704.00	6,704.00	79.97	116.05	90.00	2,302.06	-9,552.80	6,396.92	6,234.28	162.64	39.331		
8,600.00	6,840.00	6,704.00	6,704.00	82.03	116.05	90.00	2,302.06	-9,552.80	6,296.97	6,134.38	162.58	38.731		
8,700.00	6,840.00	6,704.00	6,704.00	84.12	116.05	90.00	2,302.06	-9,552.80	6,197.02	6,034.49	162.52	38.130		
8,800.00	6,840.00	6,704.00	6,704.00	86.25	116.05	90.00	2,302.06	-9,552.80	6,097.06	5,934.60	162.46	37.529		
8,900.00	6,840.00	6,704.00	6,704.00	88.41	116.05	90.00	2,302.06	-9,552.80	5,997.11	5,834.72	162.40	36.928		
9,000.00	6,840.00	6,704.00	6,704.00	90.60	116.05	90.00	2,302.06	-9,552.80	5,897.17	5,734.83	162.33	36.328		
9,100.00	6,840.00	6,704.00	6,704.00	92.82	116.05	90.00	2,302.06	-9,552.80	5,797.22	5,634.95	162.27	35.727		
9,200.00	6,840.00	6,704.00	6,704.00	95.07	116.05	90.00	2,302.06	-9,552.80	5,697.28	5,535.08	162.20	35.126		
9,300.00	6,840.00	6,704.00	6,704.00	97.34	116.05	90.00	2,302.06	-9,552.80	5,597.33	5,435.21	162.12	34.525		
9,400.00	6,840.00	6,704.00	6,704.00	99.64	116.05	90.00	2,302.06	-9,552.80	5,497.39	5,335.34	162.05	33.924		
9,500.00	6,840.00	6,704.00	6,704.00	101.95	116.05	90.00	2,302.06	-9,552.80	5,397.46	5,235.48	161.97	33.324		
9,600.00	6,840.00	6,704.00	6,704.00	104.29	116.05	90.00	2,302.06	-9,552.80	5,297.52	5,135.63	161.89	32.723		
9,700.00	6,840.00	6,704.00	6,704.00	106.64	116.05	90.00	2,302.06	-9,552.80	5,197.59	5,035.78	161.81	32.122		
9,800.00	6,840.00	6,704.00	6,704.00	109.02	116.05	90.00	2,302.06	-9,552.80	5,097.66	4,935.94	161.72	31.521		
9,900.00	6,840.00	6,704.00	6,704.00	111.41	116.05	90.00	2,302.06	-9,552.80	4,997.73	4,836.10	161.63	30.921		
10,000.00	6,840.00	6,704.00	6,704.00	113.81	116.05	90.00	2,302.06	-9,552.80	4,897.80	4,736.27	161.54	30.320		
10,100.00	6,840.00	6,704.00	6,704.00	116.23	116.05	90.00	2,302.06	-9,552.80	4,797.88	4,636.44	161.44	29.719		
10,200.00	6,840.00	6,704.00	6,704.00	118.67	116.05	90.00	2,302.06	-9,552.80	4,697.96	4,536.63	161.34	29.119		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,300.00	6,840.00	6,704.00	6,704.00	121.11	116.05	90.00	2,302.06	-9,552.80	4,598.05	4,436.82	161.23	28.518		
10,400.00	6,840.00	6,704.00	6,704.00	123.57	116.05	90.00	2,302.06	-9,552.80	4,498.14	4,337.02	161.12	27.918		
10,500.00	6,840.00	6,704.00	6,704.00	126.04	116.05	90.00	2,302.06	-9,552.80	4,398.23	4,237.22	161.01	27.317		
10,600.00	6,840.00	6,704.00	6,704.00	128.52	116.05	90.00	2,302.06	-9,552.80	4,298.33	4,137.44	160.89	26.717		
10,700.00	6,840.00	6,704.00	6,704.00	131.01	116.05	90.00	2,302.06	-9,552.80	4,198.43	4,037.67	160.76	26.116		
10,800.00	6,840.00	6,704.00	6,704.00	133.51	116.05	90.00	2,302.06	-9,552.80	4,098.54	3,937.91	160.63	25.516		
10,900.00	6,840.00	6,704.00	6,704.00	136.02	116.05	90.00	2,302.06	-9,552.80	3,998.65	3,838.16	160.49	24.915		
11,000.00	6,840.00	6,704.00	6,704.00	138.53	116.05	90.00	2,302.06	-9,552.80	3,898.77	3,738.42	160.35	24.315		
11,100.00	6,840.00	6,704.00	6,704.00	141.06	116.05	90.00	2,302.06	-9,552.80	3,798.89	3,638.70	160.19	23.714		
11,200.00	6,840.00	6,704.00	6,704.00	143.59	116.05	90.00	2,302.06	-9,552.80	3,699.02	3,538.99	160.03	23.114		
11,300.00	6,840.00	6,704.00	6,704.00	146.13	116.05	90.00	2,302.06	-9,552.80	3,599.16	3,439.30	159.87	22.514		
11,400.00	6,840.00	6,704.00	6,704.00	148.68	116.05	90.00	2,302.06	-9,552.80	3,499.31	3,339.62	159.69	21.913		
11,500.00	6,840.00	6,704.00	6,704.00	151.23	116.05	90.00	2,302.06	-9,552.80	3,399.46	3,239.96	159.50	21.313		
11,600.00	6,840.00	6,704.00	6,704.00	153.79	116.05	90.00	2,302.06	-9,552.80	3,299.63	3,140.32	159.31	20.712		
11,700.00	6,840.00	6,704.00	6,704.00	156.35	116.05	90.00	2,302.06	-9,552.80	3,199.80	3,040.70	159.10	20.112		
11,800.00	6,840.00	6,704.00	6,704.00	158.92	116.05	90.00	2,302.06	-9,552.80	3,099.99	2,941.11	158.88	19.511		
11,900.00	6,840.00	6,704.00	6,704.00	161.49	116.05	90.00	2,302.06	-9,552.80	3,000.18	2,841.53	158.65	18.911		
12,000.00	6,840.00	6,704.00	6,704.00	164.07	116.05	90.00	2,302.06	-9,552.80	2,900.40	2,741.99	158.41	18.310		
12,100.00	6,840.00	6,704.00	6,704.00	166.66	116.05	90.00	2,302.06	-9,552.80	2,800.62	2,642.47	158.15	17.709		
12,200.00	6,840.00	6,704.00	6,704.00	169.25	116.05	90.00	2,302.06	-9,552.80	2,700.87	2,542.99	157.88	17.107		
12,300.00	6,840.00	6,704.00	6,704.00	171.84	116.05	90.00	2,302.06	-9,552.80	2,601.13	2,443.54	157.59	16.506		
12,400.00	6,840.00	6,704.00	6,704.00	174.44	116.05	90.00	2,302.06	-9,552.80	2,501.41	2,344.13	157.28	15.904		
12,500.00	6,840.00	6,704.00	6,704.00	177.04	116.05	90.00	2,302.06	-9,552.80	2,401.72	2,244.76	156.96	15.301		
12,600.00	6,840.00	6,704.00	6,704.00	179.64	116.05	90.00	2,302.06	-9,552.80	2,302.05	2,145.43	156.62	14.698		
12,700.00	6,840.00	6,704.00	6,704.00	182.25	116.05	90.00	2,302.06	-9,552.80	2,202.42	2,046.15	156.26	14.094		
12,800.00	6,840.00	6,704.00	6,704.00	184.86	116.05	90.00	2,302.06	-9,552.80	2,102.81	1,946.93	155.89	13.489		
12,900.00	6,840.00	6,704.00	6,704.00	187.47	116.05	90.00	2,302.06	-9,552.80	2,003.25	1,847.76	155.49	12.883		
13,000.00	6,840.00	6,704.00	6,704.00	190.09	116.05	90.00	2,302.06	-9,552.80	1,903.74	1,748.65	155.08	12.276		
13,100.00	6,840.00	6,704.00	6,704.00	192.71	116.05	90.00	2,302.06	-9,552.80	1,804.27	1,649.61	154.66	11.666		
13,200.00	6,840.00	6,704.00	6,704.00	195.34	116.05	90.00	2,302.06	-9,552.80	1,704.87	1,550.63	154.24	11.054		
13,300.00	6,840.00	6,704.00	6,704.00	197.96	116.05	90.00	2,302.06	-9,552.80	1,605.55	1,451.73	153.82	10.438		
13,400.00	6,840.00	6,704.00	6,704.00	200.59	116.05	90.00	2,302.06	-9,552.80	1,506.31	1,352.89	153.42	9.818		
13,500.00	6,840.00	6,704.00	6,704.00	203.22	116.05	90.00	2,302.06	-9,552.80	1,407.18	1,254.11	153.07	9.193		
13,600.00	6,840.00	6,704.00	6,704.00	205.85	116.05	90.00	2,302.06	-9,552.80	1,308.19	1,155.37	152.81	8.561		
13,700.00	6,840.00	6,704.00	6,704.00	208.49	116.05	90.00	2,302.06	-9,552.80	1,209.36	1,056.64	152.72	7.919		
13,800.00	6,840.00	6,704.00	6,704.00	211.13	116.05	90.00	2,302.06	-9,552.80	1,110.74	957.85	152.88	7.265		
13,900.00	6,840.00	6,704.00	6,704.00	213.77	116.05	90.00	2,302.06	-9,552.80	1,012.39	858.91	153.48	6.596		
14,000.00	6,840.00	6,704.00	6,704.00	216.41	116.05	90.00	2,302.06	-9,552.80	914.39	759.64	154.75	5.909		
14,100.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,302.06	-9,552.80	816.89	659.80	157.09	5.200		
14,200.00	6,840.00	6,704.00	6,704.00	221.70	116.05	90.00	2,302.06	-9,552.80	720.07	559.00	161.07	4.471		
14,300.00	6,840.00	6,704.00	6,704.00	224.35	116.05	90.00	2,302.06	-9,552.80	624.25	456.72	167.53	3.726		
14,400.00	6,840.00	6,704.00	6,704.00	227.00	116.05	90.00	2,302.06	-9,552.80	529.98	352.19	177.79	2.981		
14,500.00	6,840.00	6,704.00	6,704.00	229.65	116.05	90.00	2,302.06	-9,552.80	438.26	244.36	193.90	2.260		
14,600.00	6,840.00	6,704.00	6,704.00	232.30	116.05	90.00	2,302.06	-9,552.80	351.09	131.80	219.29	1.601		
14,700.00	6,840.00	6,704.00	6,704.00	234.96	116.05	90.00	2,302.06	-9,552.80	272.86	13.94	258.93	1.054 Level 2		
14,800.00	6,840.00	6,704.00	6,704.00	237.61	116.05	90.00	2,302.06	-9,552.80	213.65	-100.02	313.67	0.681 Level 1		
14,894.05	6,840.00	6,704.00	6,704.00	240.11	116.05	90.00	2,302.06	-9,552.80	191.84	-162.04	353.88	0.542 Level 1, CC		
14,900.00	6,840.00	6,704.00	6,704.00	240.27	116.05	90.00	2,302.06	-9,552.80	191.93	-163.01	354.94	0.541 Level 1, ES, SF		
15,000.00	6,840.00	6,704.00	6,704.00	242.93	116.05	90.00	2,302.06	-9,552.80	219.15	-124.08	343.24	0.638 Level 1		
15,100.00	6,840.00	6,704.00	6,704.00	245.59	116.05	90.00	2,302.06	-9,552.80	281.46	-26.35	307.81	0.914 Level 1		
15,200.00	6,840.00	6,704.00	6,704.00	248.25	116.05	90.00	2,302.06	-9,552.80	361.12	83.49	277.63	1.301 Level 3		
15,300.00	6,840.00	6,704.00	6,704.00	250.92	116.05	90.00	2,302.06	-9,552.80	449.00	192.89	256.11	1.753		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		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)						
15,400.00	6,840.00	6,704.00	6,704.00	253.58	116.05	90.00	2,302.06	-9,552.80	541.10	300.22	240.88	2.246		
15,500.00	6,840.00	6,704.00	6,704.00	256.25	116.05	90.00	2,302.06	-9,552.80	635.60	405.77	229.83	2.766		
15,600.00	6,840.00	6,704.00	6,704.00	258.91	116.05	90.00	2,302.06	-9,552.80	731.56	510.02	221.54	3.302		
15,700.00	6,840.00	6,704.00	6,704.00	261.58	116.05	90.00	2,302.06	-9,552.80	828.47	613.33	215.14	3.851		
15,800.00	6,840.00	6,704.00	6,704.00	264.25	116.05	90.00	2,302.06	-9,552.80	926.04	715.95	210.09	4.408		
15,900.00	6,840.00	6,704.00	6,704.00	266.92	116.05	90.00	2,302.06	-9,552.80	1,024.08	818.07	206.02	4.971		
16,000.00	6,840.00	6,704.00	6,704.00	269.59	116.05	90.00	2,302.06	-9,552.80	1,122.47	919.80	202.67	5.538		
16,100.00	6,840.00	6,704.00	6,704.00	272.26	116.05	90.00	2,302.06	-9,552.80	1,221.12	1,021.24	199.88	6.109		
16,200.00	6,840.00	6,704.00	6,704.00	274.94	116.05	90.00	2,302.06	-9,552.80	1,319.97	1,122.45	197.52	6.683		
16,300.00	6,840.00	6,704.00	6,704.00	277.61	116.05	90.00	2,302.06	-9,552.80	1,418.98	1,223.48	195.50	7.258		
16,400.00	6,840.00	6,704.00	6,704.00	280.28	116.05	90.00	2,302.06	-9,552.80	1,518.12	1,324.36	193.76	7.835		
16,500.00	6,840.00	6,704.00	6,704.00	282.96	116.05	90.00	2,302.06	-9,552.80	1,617.37	1,425.12	192.25	8.413		
16,600.00	6,840.00	6,704.00	6,704.00	285.64	116.05	90.00	2,302.06	-9,552.80	1,716.71	1,525.78	190.92	8.992		
16,700.00	6,840.00	6,704.00	6,704.00	288.31	116.05	90.00	2,302.06	-9,552.80	1,816.12	1,626.36	189.75	9.571		
16,800.00	6,840.00	6,704.00	6,704.00	290.99	116.05	90.00	2,302.06	-9,552.80	1,915.59	1,726.87	188.71	10.151		
16,900.00	6,840.00	6,704.00	6,704.00	293.67	116.05	90.00	2,302.06	-9,552.80	2,015.11	1,827.32	187.79	10.731		
17,000.00	6,840.00	6,704.00	6,704.00	296.35	116.05	90.00	2,302.06	-9,552.80	2,114.67	1,927.72	186.95	11.311		
17,100.00	6,840.00	6,704.00	6,704.00	299.03	116.05	90.00	2,302.06	-9,552.80	2,214.28	2,028.08	186.20	11.892		
17,200.00	6,840.00	6,704.00	6,704.00	301.71	116.05	90.00	2,302.06	-9,552.80	2,313.92	2,128.39	185.53	12.472		
17,300.00	6,840.00	6,704.00	6,704.00	304.39	116.05	90.00	2,302.06	-9,552.80	2,413.59	2,228.68	184.91	13.053		
17,400.00	6,840.00	6,704.00	6,704.00	307.08	116.05	90.00	2,302.06	-9,552.80	2,513.29	2,328.93	184.35	13.633		
17,500.00	6,840.00	6,704.00	6,704.00	309.76	116.05	90.00	2,302.06	-9,552.80	2,613.01	2,429.17	183.84	14.213		
17,600.00	6,840.00	6,704.00	6,704.00	312.44	116.05	90.00	2,302.06	-9,552.80	2,712.75	2,529.37	183.37	14.794		
17,700.00	6,840.00	6,704.00	6,704.00	315.13	116.05	90.00	2,302.06	-9,552.80	2,812.51	2,629.56	182.94	15.374		
17,800.00	6,840.00	6,704.00	6,704.00	317.81	116.05	90.00	2,302.06	-9,552.80	2,912.28	2,729.73	182.55	15.953		
17,900.00	6,840.00	6,704.00	6,704.00	320.50	116.05	90.00	2,302.06	-9,552.80	3,012.07	2,829.88	182.19	16.533		
18,000.00	6,840.00	6,704.00	6,704.00	323.19	116.05	90.00	2,302.06	-9,552.80	3,111.87	2,930.02	181.85	17.112		
18,100.00	6,840.00	6,704.00	6,704.00	325.87	116.05	90.00	2,302.06	-9,552.80	3,211.69	3,030.15	181.54	17.691		
18,200.00	6,840.00	6,704.00	6,704.00	328.56	116.05	90.00	2,302.06	-9,552.80	3,311.52	3,130.26	181.26	18.270		
18,300.00	6,840.00	6,704.00	6,704.00	331.25	116.05	90.00	2,302.06	-9,552.80	3,411.35	3,230.36	180.99	18.848		
18,400.00	6,840.00	6,704.00	6,704.00	333.94	116.05	90.00	2,302.06	-9,552.80	3,511.20	3,330.46	180.74	19.426		
18,500.00	6,840.00	6,704.00	6,704.00	336.63	116.05	90.00	2,302.06	-9,552.80	3,611.05	3,430.54	180.52	20.004		
18,600.00	6,840.00	6,704.00	6,704.00	339.32	116.05	90.00	2,302.06	-9,552.80	3,710.92	3,530.61	180.30	20.582		
18,700.00	6,840.00	6,704.00	6,704.00	342.01	116.05	90.00	2,302.06	-9,552.80	3,810.79	3,630.68	180.11	21.159		
18,800.00	6,840.00	6,704.00	6,704.00	344.70	116.05	90.00	2,302.06	-9,552.80	3,910.66	3,730.74	179.92	21.735		
18,900.00	6,840.00	6,704.00	6,704.00	347.39	116.05	90.00	2,302.06	-9,552.80	4,010.55	3,830.80	179.75	22.312		
19,000.00	6,840.00	6,704.00	6,704.00	350.08	116.05	90.00	2,302.06	-9,552.80	4,110.43	3,930.84	179.59	22.888		
19,100.00	6,840.00	6,704.00	6,704.00	352.77	116.05	90.00	2,302.06	-9,552.80	4,210.33	4,030.88	179.44	23.463		
19,200.00	6,840.00	6,704.00	6,704.00	355.46	116.05	90.00	2,302.06	-9,552.80	4,310.23	4,130.92	179.31	24.038		
19,300.00	6,840.00	6,704.00	6,704.00	358.16	116.05	90.00	2,302.06	-9,552.80	4,410.13	4,230.95	179.18	24.613		
19,400.00	6,840.00	6,704.00	6,704.00	360.85	116.05	90.00	2,302.06	-9,552.80	4,510.04	4,330.98	179.06	25.188		
19,500.00	6,840.00	6,704.00	6,704.00	363.54	116.05	90.00	2,302.06	-9,552.80	4,609.95	4,431.00	178.95	25.762		
19,600.00	6,840.00	6,704.00	6,704.00	366.24	116.05	90.00	2,302.06	-9,552.80	4,709.86	4,531.02	178.84	26.335		
19,700.00	6,840.00	6,704.00	6,704.00	368.93	116.05	90.00	2,302.06	-9,552.80	4,809.78	4,631.03	178.75	26.908		
19,800.00	6,840.00	6,704.00	6,704.00	371.63	116.05	90.00	2,302.06	-9,552.80	4,909.70	4,731.05	178.66	27.481		
19,900.00	6,840.00	6,704.00	6,704.00	374.32	116.05	90.00	2,302.06	-9,552.80	5,009.63	4,831.05	178.58	28.053		
20,000.00	6,840.00	6,704.00	6,704.00	377.02	116.05	90.00	2,302.06	-9,552.80	5,109.56	4,931.06	178.50	28.625		
20,100.00	6,840.00	6,704.00	6,704.00	379.71	116.05	90.00	2,302.06	-9,552.80	5,209.49	5,031.06	178.43	29.196		
20,200.00	6,840.00	6,704.00	6,704.00	382.41	116.05	90.00	2,302.06	-9,552.80	5,309.42	5,131.06	178.36	29.767		
20,300.00	6,840.00	6,704.00	6,704.00	385.11	116.05	90.00	2,302.06	-9,552.80	5,409.36	5,231.05	178.30	30.338		
20,400.00	6,840.00	6,704.00	6,704.00	387.80	116.05	90.00	2,302.06	-9,552.80	5,509.30	5,331.05	178.25	30.908		
20,500.00	6,840.00	6,704.00	6,704.00	390.50	116.05	90.00	2,302.06	-9,552.80	5,609.24	5,431.04	178.20	31.477		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPER 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	
20,600.00	6,840.00	6,704.00	6,704.00	393.20	116.05	90.00	2,302.06	-9,552.80	5,709.18	5,531.03	178.15	32.046	
20,691.67	6,840.00	6,704.00	6,704.00	395.67	116.05	90.00	2,302.06	-9,552.80	5,800.80	5,622.68	178.11	32.568	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-84.55	910.41	-9,550.55	9,594.84					
100.00	100.00	0.00	0.00	0.13	0.00	-84.55	910.41	-9,550.55	9,593.92	9,593.79	0.13	N/A		
200.00	200.00	82.22	82.22	0.49	0.09	-84.55	910.44	-9,550.46	9,593.78	9,593.20	0.58	N/A		
300.00	300.00	192.10	192.10	0.85	0.20	-84.55	910.34	-9,550.17	9,593.50	9,592.45	1.05	9,152.453		
400.00	399.98	311.36	311.36	1.21	0.31	-39.95	909.96	-9,549.71	9,591.75	9,590.24	1.51	6,338.600		
500.00	499.84	388.68	388.68	1.57	0.33	-40.03	910.07	-9,549.41	9,587.37	9,585.47	1.90	5,050.323		
600.00	599.45	509.36	509.36	1.94	0.37	-40.16	910.21	-9,548.96	9,580.33	9,578.02	2.31	4,153.561		
700.00	698.70	576.35	576.35	2.32	0.41	-40.31	909.91	-9,548.78	9,570.69	9,567.98	2.71	3,530.052		
800.00	797.47	672.67	672.67	2.73	0.46	-40.54	909.22	-9,548.75	9,558.61	9,555.47	3.14	3,042.890		
900.00	895.62	757.77	757.76	3.16	0.50	-40.80	908.36	-9,548.74	9,543.92	9,540.35	3.58	2,669.088		
1,000.00	993.06	831.97	831.95	3.63	0.54	-41.10	907.40	-9,548.90	9,526.86	9,522.84	4.02	2,370.849		
1,100.00	1,089.64	904.85	904.82	4.14	0.57	-41.44	906.40	-9,549.27	9,507.49	9,503.01	4.48	2,123.242		
1,200.00	1,185.27	1,022.25	1,022.21	4.70	0.62	-41.89	904.70	-9,549.81	9,485.55	9,480.57	4.97	1,906.911		
1,300.00	1,279.82	1,100.00	1,099.95	5.30	0.65	-42.34	903.36	-9,550.20	9,461.15	9,455.67	5.48	1,725.976		
1,400.00	1,373.17	1,175.83	1,175.76	5.96	0.68	-42.84	901.84	-9,550.72	9,434.48	9,428.47	6.02	1,568.282		
1,500.00	1,465.21	1,230.77	1,230.69	6.67	0.71	-43.35	900.69	-9,551.24	9,405.67	9,399.09	6.57	1,430.625		
1,600.00	1,555.84	1,275.96	1,275.86	7.44	0.72	-43.89	899.86	-9,551.88	9,374.94	9,367.78	7.16	1,308.443		
1,700.00	1,645.41	1,407.81	1,407.68	8.26	0.77	-44.27	897.73	-9,553.96	9,342.88	9,335.07	7.81	1,196.965		
1,800.00	1,734.94	1,462.18	1,462.03	9.09	0.79	-44.39	896.86	-9,554.74	9,310.62	9,302.18	8.44	1,103.200		
1,900.00	1,824.47	1,520.81	1,520.65	9.94	0.81	-44.51	895.96	-9,555.74	9,278.76	9,269.67	9.09	1,020.936		
2,000.00	1,913.99	1,576.80	1,576.62	10.80	0.83	-44.63	895.16	-9,556.90	9,247.31	9,237.56	9.75	948.595		
2,100.00	2,003.52	1,652.28	1,652.07	11.66	0.85	-44.79	894.18	-9,558.68	9,216.24	9,205.82	10.42	884.290		
2,200.00	2,093.05	1,726.65	1,726.42	12.53	0.88	-44.95	893.35	-9,560.48	9,185.34	9,174.24	11.10	827.182		
2,300.00	2,182.58	1,784.04	1,783.79	13.40	0.90	-45.08	892.72	-9,562.05	9,154.82	9,143.03	11.79	776.408		
2,400.00	2,272.11	1,845.13	1,844.84	14.28	0.91	-45.21	892.11	-9,563.92	9,124.72	9,112.23	12.49	730.795		
2,500.00	2,361.63	1,900.00	1,899.68	15.16	0.93	-45.32	891.81	-9,565.75	9,095.00	9,081.82	13.19	689.743		
2,600.00	2,451.16	1,958.45	1,958.09	16.04	0.95	-45.45	891.71	-9,567.91	9,065.72	9,051.83	13.89	652.527		
2,700.00	2,540.69	2,039.81	2,039.38	16.92	0.97	-45.62	891.94	-9,571.25	9,036.91	9,022.30	14.61	618.549		
2,800.00	2,630.22	2,233.15	2,232.59	17.81	1.01	-46.01	894.64	-9,577.72	9,007.50	8,992.15	15.35	586.918		
2,900.00	2,719.75	2,552.71	2,552.05	18.70	1.07	-46.67	900.33	-9,582.48	8,976.42	8,960.34	16.09	557.958		
3,000.00	2,809.28	2,637.59	2,636.92	19.58	1.08	-46.84	901.98	-9,582.75	8,944.52	8,927.71	16.81	532.091		
3,100.00	2,898.80	2,735.63	2,734.94	20.47	1.10	-47.05	903.70	-9,583.06	8,912.73	8,895.19	17.54	508.238		
3,200.00	2,988.33	2,830.99	2,830.28	21.36	1.11	-47.25	905.79	-9,583.19	8,880.87	8,862.60	18.27	486.205		
3,300.00	3,077.86	2,900.00	2,899.27	22.26	1.12	-47.39	907.35	-9,583.41	8,849.25	8,830.25	19.00	465.762		
3,400.00	3,167.39	3,049.91	3,049.16	23.15	1.15	-47.71	909.59	-9,583.49	8,817.48	8,797.75	19.73	446.856		
3,500.00	3,256.92	3,500.00	3,180.53	24.04	1.21	-48.00	911.20	-9,582.75	8,785.24	8,764.73	20.51	428.430		
3,600.00	3,346.44	3,290.73	3,289.96	24.93	1.18	-48.25	912.22	-9,581.72	8,752.76	8,731.56	21.20	412.861		
3,700.00	3,435.97	3,355.99	3,355.21	25.83	1.19	-48.39	912.88	-9,581.19	8,720.54	8,698.59	21.95	397.352		
3,800.00	3,525.50	3,420.40	3,419.62	26.72	1.20	-48.53	913.96	-9,580.86	8,688.69	8,665.99	22.70	382.801		
3,900.00	3,615.03	3,486.82	3,486.02	27.62	1.21	-48.68	915.21	-9,580.70	8,657.20	8,633.74	23.45	369.111		
4,000.00	3,704.56	3,597.57	3,596.75	28.51	1.23	-48.93	916.89	-9,580.50	8,625.87	8,601.66	24.21	356.320		
4,100.00	3,794.09	3,710.30	3,709.48	29.41	1.25	-49.19	917.99	-9,579.96	8,594.38	8,569.41	24.96	344.263		
4,200.00	3,883.61	3,791.54	3,790.71	30.30	1.26	-49.38	918.76	-9,579.52	8,562.94	8,537.21	25.73	332.801		
4,300.00	3,973.14	3,890.95	3,890.12	31.20	1.28	-49.61	919.77	-9,578.96	8,531.60	8,505.10	26.50	321.999		
4,400.00	4,062.67	4,033.82	4,032.98	32.10	1.30	-49.94	921.09	-9,577.66	8,500.08	8,472.82	27.25	311.881		
4,500.00	4,152.20	4,150.61	4,149.75	32.99	1.32	-50.22	921.39	-9,575.87	8,468.09	8,440.07	28.02	302.188		
4,600.00	4,241.73	4,228.74	4,227.87	33.89	1.33	-50.42	921.58	-9,574.66	8,436.25	8,407.44	28.80	292.885		
4,700.00	4,331.26	4,304.07	4,303.19	34.79	1.34	-50.60	922.43	-9,573.65	8,404.68	8,375.09	29.59	284.054		
4,800.00	4,420.78	4,421.84	4,420.92	35.69	1.37	-50.87	925.09	-9,571.89	8,373.03	8,342.66	30.37	275.739		
4,900.00	4,510.31	4,483.11	4,482.15	36.58	1.38	-51.01	926.98	-9,571.05	8,341.61	8,310.44	31.16	267.689		
5,000.00	4,599.84	4,570.25	4,569.23	37.48	1.40	-51.21	930.00	-9,570.08	8,310.50	8,278.55	31.95	260.085		
5,100.00	4,689.37	4,706.09	4,704.99	38.38	1.43	-51.53	934.01	-9,568.18	8,279.30	8,246.56	32.73	252.931		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,786.52	4,785.41	39.28	1.45	-51.72	935.48	-9,566.82	8,247.96	8,214.42	33.54	245.936		
5,300.00	4,868.42	4,873.05	4,871.91	40.18	1.47	-51.94	936.59	-9,565.37	8,216.80	8,182.46	34.34	239.250		
5,400.00	4,957.95	4,976.54	4,975.39	41.07	1.49	-52.20	937.57	-9,563.58	8,185.73	8,150.58	35.15	232.874		
5,500.00	5,047.48	5,080.30	5,079.12	41.97	1.51	-52.46	938.15	-9,561.53	8,154.60	8,118.64	35.96	226.750		
5,600.00	5,137.01	5,174.48	5,173.28	42.87	1.52	-52.71	938.45	-9,559.55	8,123.50	8,086.72	36.78	220.850		
5,700.00	5,226.54	5,244.03	5,242.82	43.77	1.54	-52.89	938.82	-9,558.13	8,092.59	8,054.98	37.61	215.147		
5,800.00	5,316.07	5,309.33	5,308.11	44.67	1.55	-53.06	939.13	-9,557.02	8,062.11	8,023.66	38.45	209.670		
5,900.00	5,405.59	5,423.25	5,422.01	45.57	1.57	-53.37	939.38	-9,555.02	8,031.74	7,992.46	39.28	204.478		
6,000.00	5,495.12	5,520.31	5,519.05	46.47	1.59	-53.63	939.43	-9,553.05	8,001.29	7,961.17	40.12	199.449		
6,100.00	5,584.65	5,586.80	5,585.52	47.37	1.60	-53.81	939.29	-9,551.78	7,971.11	7,930.14	40.97	194.568		
6,200.00	5,674.18	5,671.75	5,670.46	48.27	1.62	-54.04	938.86	-9,550.30	7,941.25	7,899.43	41.82	189.894		
6,300.00	5,763.71	5,749.20	5,747.90	49.16	1.63	-54.26	938.35	-9,548.97	7,911.59	7,868.91	42.68	185.383		
6,400.00	5,853.23	5,800.00	5,798.69	50.06	1.64	-54.40	937.88	-9,548.18	7,882.30	7,838.76	43.55	181.008		
6,500.00	5,942.76	5,860.82	5,859.50	50.96	1.64	-54.58	937.13	-9,547.46	7,853.53	7,809.12	44.42	176.819		
6,600.00	6,032.29	5,911.42	5,910.09	51.86	1.65	-54.72	936.32	-9,547.16	7,825.42	7,780.13	45.29	172.776		
6,700.00	6,121.82	5,979.15	5,977.81	52.76	1.65	-54.92	935.00	-9,546.97	7,797.79	7,751.63	46.17	168.903		
6,800.00	6,211.35	6,061.75	6,060.39	53.66	1.66	-55.16	933.18	-9,546.89	7,770.53	7,723.49	47.04	165.183		
6,900.00	6,300.88	6,132.17	6,130.79	54.56	1.66	-55.37	931.76	-9,546.87	7,743.51	7,695.58	47.92	161.582		
7,000.00	6,390.40	6,200.00	6,198.61	55.46	1.67	-55.57	930.53	-9,547.18	7,717.02	7,668.21	48.81	158.110		
7,100.00	6,479.90	6,309.02	6,307.62	56.36	1.67	-54.25	928.78	-9,547.65	7,690.59	7,640.91	49.68	154.795		
7,200.00	6,565.62	6,369.23	6,367.82	57.41	1.68	-44.01	927.93	-9,547.91	7,654.35	7,603.73	50.61	151.235		
7,300.00	6,643.25	6,433.38	6,431.96	58.67	1.68	-38.58	927.08	-9,548.38	7,603.04	7,551.47	51.57	147.438		
7,400.00	6,710.45	6,499.39	6,497.96	60.11	1.69	-36.32	926.18	-9,548.90	7,538.02	7,485.51	52.50	143.568		
7,500.00	6,765.16	7,500.00	6,580.68	61.71	1.78	-36.94	925.07	-9,549.25	7,460.93	7,407.46	53.47	139.536		
7,600.00	6,805.74	6,647.48	6,646.05	63.40	1.70	-41.17	924.24	-9,549.37	7,374.29	7,320.14	54.15	136.183		
7,700.00	6,830.93	6,671.32	6,669.88	65.14	1.70	-52.53	923.95	-9,549.40	7,280.82	7,226.01	54.81	132.848		
7,800.00	6,839.98	6,679.98	6,678.54	66.86	1.70	-86.05	923.85	-9,549.41	7,183.30	7,128.00	55.31	129.885		
7,900.00	6,840.00	6,680.13	6,678.69	68.58	1.70	-88.87	923.85	-9,549.41	7,084.70	7,028.98	55.72	127.155		
8,000.00	6,840.00	6,680.26	6,678.82	70.35	1.70	-88.88	923.85	-9,549.41	6,986.13	6,929.99	56.14	124.437		
8,100.00	6,840.00	6,680.39	6,678.94	72.18	1.70	-88.89	923.84	-9,549.41	6,887.60	6,831.02	56.58	121.730		
8,200.00	6,840.00	6,680.51	6,679.07	74.06	1.70	-88.89	923.84	-9,549.41	6,789.12	6,732.08	57.04	119.033		
8,300.00	6,840.00	6,680.64	6,679.20	75.98	1.70	-88.90	923.84	-9,549.41	6,690.68	6,633.18	57.51	116.348		
8,400.00	6,840.00	6,680.77	6,679.33	77.96	1.70	-88.91	923.84	-9,549.41	6,592.29	6,534.30	57.99	113.675		
8,500.00	6,840.00	6,680.90	6,679.46	79.97	1.70	-88.91	923.84	-9,549.41	6,493.95	6,435.45	58.50	111.015		
8,600.00	6,840.00	6,681.03	6,679.59	82.03	1.70	-88.92	923.84	-9,549.41	6,395.66	6,336.64	59.02	108.368		
8,700.00	6,840.00	6,681.16	6,679.72	84.12	1.70	-88.92	923.84	-9,549.41	6,297.42	6,237.86	59.56	105.735		
8,800.00	6,840.00	6,681.29	6,679.85	86.25	1.70	-88.93	923.83	-9,549.41	6,199.24	6,139.12	60.12	103.116		
8,900.00	6,840.00	6,681.42	6,679.98	88.41	1.70	-88.94	923.83	-9,549.41	6,101.12	6,040.42	60.70	100.512		
9,000.00	6,840.00	6,681.56	6,680.12	90.60	1.70	-88.94	923.83	-9,549.41	6,003.06	5,941.76	61.30	97.924		
9,100.00	6,840.00	6,681.69	6,680.25	92.82	1.70	-88.95	923.83	-9,549.41	5,905.07	5,843.14	61.93	95.353		
9,200.00	6,840.00	6,681.82	6,680.38	95.07	1.70	-88.96	923.83	-9,549.41	5,807.14	5,744.56	62.58	92.798		
9,300.00	6,840.00	6,681.95	6,680.51	97.34	1.70	-88.96	923.83	-9,549.41	5,709.29	5,646.03	63.25	90.261		
9,400.00	6,840.00	6,682.08	6,680.64	99.64	1.70	-88.97	923.82	-9,549.41	5,611.51	5,547.56	63.95	87.742		
9,500.00	6,840.00	6,682.22	6,680.77	101.95	1.70	-88.98	923.82	-9,549.41	5,513.81	5,449.13	64.68	85.243		
9,600.00	6,840.00	6,682.35	6,680.91	104.29	1.70	-88.98	923.82	-9,549.41	5,416.20	5,350.76	65.44	82.763		
9,700.00	6,840.00	6,682.48	6,681.04	106.64	1.70	-88.99	923.82	-9,549.41	5,318.67	5,252.44	66.23	80.304		
9,800.00	6,840.00	6,682.61	6,681.17	109.02	1.70	-88.99	923.82	-9,549.41	5,221.24	5,154.19	67.05	77.867		
9,900.00	6,840.00	6,682.75	6,681.31	111.41	1.70	-89.00	923.82	-9,549.41	5,123.91	5,056.00	67.91	75.451		
10,000.00	6,840.00	6,682.88	6,681.44	113.81	1.70	-89.01	923.82	-9,549.41	5,026.68	4,957.87	68.80	73.059		
10,100.00	6,840.00	6,683.01	6,681.57	116.23	1.70	-89.01	923.81	-9,549.41	4,929.56	4,859.83	69.73	70.690		
10,200.00	6,840.00	6,683.15	6,681.71	118.67	1.70	-89.02	923.81	-9,549.42	4,832.56	4,761.85	70.71	68.346		
10,300.00	6,840.00	6,683.28	6,681.84	121.11	1.70	-89.03	923.81	-9,549.42	4,735.69	4,663.96	71.72	66.028		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,683.42	6,681.98	123.57	1.70	-89.03	923.81	-9,549.42	4,638.94	4,566.16	72.78	63.736		
10,500.00	6,840.00	6,683.55	6,682.11	126.04	1.70	-89.04	923.81	-9,549.42	4,542.34	4,468.45	73.89	61.471		
10,600.00	6,840.00	6,683.69	6,682.25	128.52	1.70	-89.05	923.81	-9,549.42	4,445.89	4,370.83	75.06	59.235		
10,700.00	6,840.00	6,683.82	6,682.38	131.01	1.70	-89.05	923.80	-9,549.42	4,349.60	4,273.33	76.27	57.028		
10,800.00	6,840.00	6,683.96	6,682.52	133.51	1.70	-89.06	923.80	-9,549.42	4,253.48	4,175.93	77.55	54.851		
10,900.00	6,840.00	6,684.09	6,682.65	136.02	1.70	-89.07	923.80	-9,549.42	4,157.54	4,078.66	78.88	52.705		
11,000.00	6,840.00	6,684.23	6,682.79	138.53	1.70	-89.07	923.80	-9,549.42	4,061.80	3,981.52	80.29	50.591		
11,100.00	6,840.00	6,684.37	6,682.93	141.06	1.70	-89.08	923.80	-9,549.42	3,966.27	3,884.51	81.76	48.511		
11,200.00	6,840.00	6,684.50	6,683.06	143.59	1.70	-89.09	923.80	-9,549.42	3,870.97	3,787.66	83.31	46.465		
11,300.00	6,840.00	6,684.64	6,683.20	146.13	1.70	-89.09	923.79	-9,549.42	3,775.90	3,690.97	84.94	44.454		
11,400.00	6,840.00	6,684.78	6,683.34	148.68	1.70	-89.10	923.79	-9,549.42	3,681.10	3,594.45	86.66	42.479		
11,500.00	6,840.00	6,684.92	6,683.48	151.23	1.70	-89.11	923.79	-9,549.42	3,586.59	3,498.12	88.47	40.542		
11,600.00	6,840.00	6,685.05	6,683.61	153.79	1.70	-89.11	923.79	-9,549.42	3,492.37	3,402.00	90.37	38.644		
11,700.00	6,840.00	6,685.19	6,683.75	156.35	1.70	-89.12	923.79	-9,549.42	3,398.49	3,306.10	92.39	36.785		
11,800.00	6,840.00	6,685.33	6,683.89	158.92	1.70	-89.13	923.79	-9,549.42	3,304.97	3,210.45	94.52	34.967		
11,900.00	6,840.00	6,685.47	6,684.03	161.49	1.70	-89.13	923.79	-9,549.42	3,211.84	3,115.07	96.77	33.191		
12,000.00	6,840.00	6,685.61	6,684.17	164.07	1.70	-89.14	923.78	-9,549.42	3,119.13	3,019.98	99.15	31.458		
12,100.00	6,840.00	6,685.75	6,684.31	166.66	1.70	-89.15	923.78	-9,549.42	3,026.89	2,925.21	101.68	29.769		
12,200.00	6,840.00	6,685.89	6,684.45	169.25	1.70	-89.15	923.78	-9,549.42	2,935.15	2,830.80	104.36	28.126		
12,300.00	6,840.00	6,686.03	6,684.59	171.84	1.70	-89.16	923.78	-9,549.42	2,843.98	2,736.78	107.20	26.530		
12,400.00	6,840.00	6,686.17	6,684.73	174.44	1.70	-89.17	923.78	-9,549.42	2,753.41	2,643.19	110.22	24.981		
12,500.00	6,840.00	6,686.31	6,684.87	177.04	1.70	-89.17	923.78	-9,549.42	2,663.52	2,550.09	113.43	23.481		
12,600.00	6,840.00	6,686.45	6,685.01	179.64	1.70	-89.18	923.77	-9,549.42	2,574.38	2,457.53	116.85	22.031		
12,700.00	6,840.00	6,686.59	6,685.15	182.25	1.70	-89.19	923.77	-9,549.42	2,486.06	2,365.57	120.49	20.633		
12,800.00	6,840.00	6,686.73	6,685.29	184.86	1.70	-89.19	923.77	-9,549.42	2,398.66	2,274.29	124.37	19.287		
12,900.00	6,840.00	6,686.87	6,685.43	187.47	1.70	-89.20	923.77	-9,549.42	2,312.28	2,183.78	128.50	17.995		
13,000.00	6,840.00	6,687.01	6,685.57	190.09	1.70	-89.21	923.77	-9,549.42	2,227.04	2,094.14	132.90	16.757		
13,100.00	6,840.00	6,687.16	6,685.71	192.71	1.70	-89.21	923.77	-9,549.42	2,143.08	2,005.49	137.59	15.576		
13,200.00	6,840.00	6,687.30	6,685.86	195.34	1.70	-89.22	923.76	-9,549.42	2,060.55	1,917.96	142.59	14.451		
13,300.00	6,840.00	6,687.44	6,686.00	197.96	1.70	-89.23	923.76	-9,549.42	1,979.63	1,831.73	147.90	13.385		
13,400.00	6,840.00	6,687.58	6,686.14	200.59	1.70	-89.23	923.76	-9,549.42	1,900.53	1,746.98	153.55	12.377		
13,500.00	6,840.00	6,687.73	6,686.29	203.22	1.70	-89.24	923.76	-9,549.42	1,823.48	1,663.95	159.53	11.430		
13,600.00	6,840.00	6,687.87	6,686.43	205.85	1.70	-89.25	923.76	-9,549.42	1,748.76	1,582.91	165.85	10.544		
13,700.00	6,840.00	6,688.01	6,686.57	208.49	1.70	-89.25	923.76	-9,549.42	1,676.67	1,504.18	172.49	9.720		
13,800.00	6,840.00	6,688.16	6,686.72	211.13	1.70	-89.26	923.75	-9,549.42	1,607.58	1,428.15	179.43	8.960		
13,900.00	6,840.00	6,688.30	6,686.86	213.77	1.70	-89.27	923.75	-9,549.42	1,541.87	1,355.27	186.61	8.263		
14,000.00	6,840.00	6,688.45	6,687.01	216.41	1.70	-89.28	923.75	-9,549.42	1,480.01	1,286.06	193.96	7.631		
14,100.00	6,840.00	6,688.59	6,687.15	219.06	1.70	-89.28	923.75	-9,549.42	1,422.50	1,221.13	201.37	7.064		
14,200.00	6,840.00	6,688.74	6,687.30	221.70	1.70	-89.29	923.75	-9,549.42	1,369.89	1,161.18	208.70	6.564		
14,300.00	6,840.00	6,688.88	6,687.44	224.35	1.70	-89.30	923.75	-9,549.42	1,322.75	1,106.98	215.77	6.130		
14,400.00	6,840.00	6,689.03	6,687.59	227.00	1.70	-89.30	923.74	-9,549.42	1,281.69	1,059.35	222.34	5.764		
14,500.00	6,840.00	6,689.17	6,687.73	229.65	1.70	-89.31	923.74	-9,549.42	1,247.32	1,019.14	228.18	5.466		
14,600.00	6,840.00	6,689.32	6,687.88	232.30	1.70	-89.32	923.74	-9,549.42	1,220.20	987.20	233.00	5.237		
14,700.00	6,840.00	6,689.47	6,688.03	234.96	1.70	-89.33	923.74	-9,549.42	1,200.81	964.26	236.56	5.076		
14,800.00	6,840.00	6,689.61	6,688.17	237.61	1.70	-89.33	923.74	-9,549.42	1,189.55	950.90	238.65	4.984		
14,884.64	6,840.00	6,689.74	6,688.30	239.86	1.70	-89.34	923.74	-9,549.42	1,186.53	947.35	239.18	4.961	CC, ES, SF	
14,900.00	6,840.00	6,689.76	6,688.32	240.27	1.70	-89.34	923.74	-9,549.42	1,186.63	947.48	239.15	4.962		
15,000.00	6,840.00	6,689.91	6,688.47	242.93	1.70	-89.35	923.73	-9,549.43	1,192.13	954.11	238.02	5.009		
15,100.00	6,840.00	6,690.06	6,688.62	245.59	1.70	-89.35	923.73	-9,549.43	1,205.92	970.60	235.32	5.125		
15,200.00	6,840.00	6,690.20	6,688.76	248.25	1.70	-89.36	923.73	-9,549.43	1,227.73	996.51	231.22	5.310		
15,300.00	6,840.00	6,690.35	6,688.91	250.92	1.70	-89.37	923.73	-9,549.43	1,257.14	1,031.19	225.95	5.564		
15,400.00	6,840.00	6,690.50	6,689.06	253.58	1.70	-89.38	923.73	-9,549.43	1,293.62	1,073.87	219.76	5.887		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,690.65	6,689.21	256.25	1.70	-89.38	923.73	-9,549.43	1,336.61	1,123.70	212.92	6.278		
15,600.00	6,840.00	6,690.80	6,689.36	258.91	1.70	-89.39	923.72	-9,549.43	1,385.50	1,179.83	205.67	6.736		
15,700.00	6,840.00	6,690.95	6,689.51	261.58	1.70	-89.40	923.72	-9,549.43	1,439.68	1,241.44	198.24	7.262		
15,800.00	6,840.00	6,691.10	6,689.66	264.25	1.70	-89.40	923.72	-9,549.43	1,498.58	1,307.80	190.78	7.855		
15,900.00	6,840.00	6,691.25	6,689.81	266.92	1.70	-89.41	923.72	-9,549.43	1,561.67	1,378.24	183.44	8.513		
16,000.00	6,840.00	6,691.40	6,689.96	269.59	1.70	-89.42	923.72	-9,549.43	1,628.46	1,452.16	176.30	9.237		
16,100.00	6,840.00	6,691.55	6,690.11	272.26	1.70	-89.43	923.71	-9,549.43	1,698.52	1,529.08	169.44	10.024		
16,200.00	6,840.00	6,691.70	6,690.26	274.94	1.70	-89.43	923.71	-9,549.43	1,771.45	1,608.56	162.89	10.875		
16,300.00	6,840.00	6,691.86	6,690.41	277.61	1.70	-89.44	923.71	-9,549.43	1,846.92	1,690.24	156.68	11.788		
16,400.00	6,840.00	6,692.01	6,690.57	280.28	1.70	-89.45	923.71	-9,549.43	1,924.63	1,773.81	150.82	12.761		
16,500.00	6,840.00	6,692.16	6,690.72	282.96	1.70	-89.46	923.71	-9,549.43	2,004.31	1,859.02	145.29	13.795		
16,600.00	6,840.00	6,692.31	6,690.87	285.64	1.70	-89.46	923.71	-9,549.43	2,085.74	1,945.64	140.10	14.887		
16,700.00	6,840.00	6,692.46	6,691.02	288.31	1.70	-89.47	923.70	-9,549.43	2,168.73	2,033.49	135.24	16.036		
16,800.00	6,840.00	6,692.62	6,691.18	290.99	1.70	-89.48	923.70	-9,549.43	2,253.10	2,122.43	130.68	17.242		
16,900.00	6,840.00	6,692.77	6,691.33	293.67	1.70	-89.48	923.70	-9,549.43	2,338.71	2,212.30	126.40	18.502		
17,000.00	6,840.00	6,692.92	6,691.48	296.35	1.70	-89.49	923.70	-9,549.43	2,425.41	2,303.01	122.40	19.815		
17,100.00	6,840.00	6,693.08	6,691.64	299.03	1.70	-89.50	923.70	-9,549.43	2,513.10	2,394.45	118.66	21.180		
17,200.00	6,840.00	6,693.23	6,691.79	301.71	1.70	-89.51	923.70	-9,549.43	2,601.68	2,486.54	115.15	22.594		
17,300.00	6,840.00	6,693.39	6,691.95	304.39	1.70	-89.51	923.69	-9,549.43	2,691.07	2,579.21	111.86	24.058		
17,400.00	6,840.00	6,693.54	6,692.10	307.08	1.70	-89.52	923.69	-9,549.43	2,781.17	2,672.40	108.77	25.569		
17,500.00	6,840.00	6,693.70	6,692.26	309.76	1.70	-89.53	923.69	-9,549.43	2,871.93	2,766.05	105.88	27.125		
17,600.00	6,840.00	6,693.85	6,692.41	312.44	1.70	-89.54	923.69	-9,549.43	2,963.28	2,860.12	103.16	28.725		
17,700.00	6,840.00	6,694.01	6,692.57	315.13	1.70	-89.54	923.69	-9,549.43	3,055.18	2,954.57	100.61	30.367		
17,800.00	6,840.00	6,694.17	6,692.73	317.81	1.70	-89.55	923.68	-9,549.43	3,147.57	3,049.36	98.21	32.050		
17,900.00	6,840.00	6,694.32	6,692.88	320.50	1.70	-89.56	923.68	-9,549.43	3,240.41	3,144.46	95.95	33.772		
18,000.00	6,840.00	6,694.48	6,693.04	323.19	1.70	-89.57	923.68	-9,549.43	3,333.67	3,239.84	93.82	35.532		
18,100.00	6,840.00	6,694.64	6,693.20	325.87	1.70	-89.57	923.68	-9,549.43	3,427.30	3,335.48	91.82	37.327		
18,200.00	6,840.00	6,694.80	6,693.35	328.56	1.70	-89.58	923.68	-9,549.43	3,521.29	3,431.36	89.93	39.157		
18,300.00	6,840.00	6,694.95	6,693.51	331.25	1.70	-89.59	923.68	-9,549.43	3,615.60	3,527.45	88.15	41.019		
18,400.00	6,840.00	6,695.11	6,693.67	333.94	1.70	-89.60	923.67	-9,549.43	3,710.20	3,623.74	86.46	42.912		
18,500.00	6,840.00	6,695.27	6,693.83	336.63	1.70	-89.61	923.67	-9,549.43	3,805.09	3,720.22	84.87	44.835		
18,600.00	6,840.00	6,695.43	6,693.99	339.32	1.70	-89.61	923.67	-9,549.43	3,900.23	3,816.86	83.36	46.785		
18,700.00	6,840.00	6,695.59	6,694.15	342.01	1.70	-89.62	923.67	-9,549.43	3,995.60	3,913.66	81.94	48.762		
18,800.00	6,840.00	6,695.75	6,694.31	344.70	1.70	-89.63	923.67	-9,549.43	4,091.20	4,010.61	80.59	50.764		
18,900.00	6,840.00	6,695.91	6,694.47	347.39	1.70	-89.64	923.66	-9,549.43	4,187.00	4,107.68	79.32	52.789		
19,000.00	6,840.00	6,696.07	6,694.63	350.08	1.70	-89.64	923.66	-9,549.43	4,282.99	4,204.89	78.11	54.836		
19,100.00	6,840.00	6,696.23	6,694.79	352.77	1.70	-89.65	923.66	-9,549.43	4,379.17	4,302.21	76.96	56.904		
19,200.00	6,840.00	6,696.39	6,694.95	355.46	1.70	-89.66	923.66	-9,549.44	4,475.51	4,399.64	75.87	58.991		
19,300.00	6,840.00	6,696.55	6,695.11	358.16	1.70	-89.67	923.66	-9,549.44	4,572.01	4,497.17	74.83	61.095		
19,400.00	6,840.00	6,696.71	6,695.27	360.85	1.70	-89.68	923.66	-9,549.44	4,668.65	4,594.80	73.85	63.216		
19,500.00	6,840.00	6,696.88	6,695.43	363.54	1.70	-89.68	923.65	-9,549.44	4,765.44	4,692.52	72.92	65.352		
19,600.00	6,840.00	6,697.04	6,695.60	366.24	1.70	-89.69	923.65	-9,549.44	4,862.35	4,790.32	72.03	67.502		
19,700.00	6,840.00	6,697.20	6,695.76	368.93	1.70	-89.70	923.65	-9,549.44	4,959.39	4,888.20	71.19	69.665		
19,800.00	6,840.00	6,697.36	6,695.92	371.63	1.70	-89.71	923.65	-9,549.44	5,056.54	4,986.15	70.39	71.840		
19,900.00	6,840.00	6,697.53	6,696.09	374.32	1.70	-89.71	923.65	-9,549.44	5,153.80	5,084.18	69.62	74.024		
20,000.00	6,840.00	6,697.69	6,696.25	377.02	1.70	-89.72	923.64	-9,549.44	5,251.17	5,182.27	68.90	76.218		
20,100.00	6,840.00	6,697.86	6,696.41	379.71	1.70	-89.73	923.64	-9,549.44	5,348.63	5,280.42	68.20	78.421		
20,200.00	6,840.00	6,698.02	6,696.58	382.41	1.70	-89.74	923.64	-9,549.44	5,446.18	5,378.64	67.55	80.630		
20,300.00	6,840.00	6,698.19	6,696.74	385.11	1.70	-89.75	923.64	-9,549.44	5,543.82	5,476.90	66.92	82.846		
20,400.00	6,840.00	6,698.35	6,696.91	387.80	1.70	-89.75	923.64	-9,549.44	5,641.55	5,575.23	66.32	85.067		
20,500.00	6,840.00	6,698.52	6,697.07	390.50	1.70	-89.76	923.63	-9,549.44	5,739.35	5,673.60	65.75	87.292		
20,600.00	6,840.00	6,698.68	6,697.24	393.20	1.70	-89.77	923.63	-9,549.44	5,837.22	5,772.02	65.21	89.521		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 26-T4N-R65W - ABND VERT DUPER 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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	6,698.83	6,697.39	395.67	1.70	-89.78	923.63	-9,549.44	5,927.01	5,862.28	64.73	91.566	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-83.36	957.30	-8,228.10	8,284.64					
100.00	100.00	0.00	0.00	0.13	0.00	-83.36	957.30	-8,228.10	8,283.66	8,283.52	0.13	N/A		
148.31	148.31	17.31	17.31	0.31	0.13	-83.36	957.30	-8,228.10	8,283.60	8,283.16	0.44	N/A		
200.00	200.00	69.00	69.00	0.49	0.53	-83.36	957.30	-8,228.10	8,283.60	8,282.58	1.02	8,099.095		
300.00	300.00	169.00	169.00	0.85	1.97	-83.36	957.30	-8,228.10	8,283.60	8,280.78	2.82	2,933.709		
400.00	399.98	268.98	268.98	1.21	3.72	-38.75	957.30	-8,228.10	8,282.24	8,277.31	4.93	1,681.584		
500.00	499.84	368.84	368.84	1.57	5.46	-38.83	957.30	-8,228.10	8,278.16	8,271.13	7.03	1,177.975		
600.00	599.45	468.45	468.45	1.94	7.20	-38.95	957.30	-8,228.10	8,271.36	8,262.23	9.13	905.919		
700.00	698.70	567.70	567.70	2.32	8.93	-39.13	957.30	-8,228.10	8,261.87	8,250.64	11.23	735.437		
800.00	797.47	666.47	666.47	2.73	10.65	-39.35	957.30	-8,228.10	8,249.69	8,236.36	13.34	618.470		
900.00	895.62	764.62	764.62	3.16	12.37	-39.62	957.30	-8,228.10	8,234.86	8,219.41	15.45	533.141		
1,000.00	993.06	862.06	862.06	3.63	14.07	-39.95	957.30	-8,228.10	8,217.39	8,199.83	17.56	468.065		
1,100.00	1,089.64	958.64	958.64	4.14	15.75	-40.33	957.30	-8,228.10	8,197.32	8,177.65	19.67	416.735		
1,200.00	1,185.27	1,054.27	1,054.27	4.70	17.42	-40.76	957.30	-8,228.10	8,174.69	8,152.90	21.79	375.163		
1,300.00	1,279.82	1,148.82	1,148.82	5.30	19.07	-41.25	957.30	-8,228.10	8,149.54	8,125.63	23.92	340.768		
1,400.00	1,373.17	1,242.17	1,242.17	5.96	20.70	-41.79	957.30	-8,228.10	8,121.92	8,095.87	26.05	311.809		
1,500.00	1,465.21	1,334.21	1,334.21	6.67	22.31	-42.39	957.30	-8,228.10	8,091.87	8,063.69	28.19	287.065		
1,600.00	1,555.84	1,424.84	1,424.84	7.44	23.89	-43.05	957.30	-8,228.10	8,059.47	8,029.13	30.34	265.658		
1,700.00	1,645.41	1,514.41	1,514.41	8.26	25.45	-43.37	957.30	-8,228.10	8,025.46	7,992.96	32.50	246.964		
1,800.00	1,734.94	1,603.94	1,603.94	9.09	27.02	-43.58	957.30	-8,228.10	7,991.50	7,956.83	34.67	230.523		
1,900.00	1,824.47	1,706.53	1,706.53	9.94	28.81	-43.79	957.30	-8,228.10	7,957.64	7,920.56	37.08	214.615		
2,000.00	1,913.99	1,782.99	1,782.99	10.80	30.14	-44.00	957.30	-8,228.10	7,923.89	7,884.84	39.05	202.940		
2,100.00	2,003.52	1,872.52	1,872.52	11.66	31.70	-44.22	957.30	-8,228.10	7,890.24	7,848.99	41.25	191.276		
2,200.00	2,093.05	1,962.05	1,962.05	12.53	33.27	-44.43	957.30	-8,228.10	7,856.70	7,813.24	43.46	180.763		
2,300.00	2,182.58	2,051.58	2,051.58	13.40	34.83	-44.65	957.30	-8,228.10	7,823.28	7,777.59	45.69	171.241		
2,400.00	2,272.11	2,141.11	2,141.11	14.28	36.39	-44.87	957.30	-8,228.10	7,789.96	7,742.04	47.91	162.581		
2,500.00	2,361.63	2,230.63	2,230.63	15.16	37.95	-45.09	957.30	-8,228.10	7,756.76	7,706.61	50.15	154.671		
2,600.00	2,451.16	2,320.16	2,320.16	16.04	39.52	-45.31	957.30	-8,228.10	7,723.67	7,671.28	52.39	147.422		
2,700.00	2,540.69	2,409.69	2,409.69	16.92	41.08	-45.53	957.30	-8,228.10	7,690.69	7,636.05	54.64	140.753		
2,800.00	2,630.22	2,500.78	2,499.22	17.81	42.67	-45.76	957.30	-8,228.10	7,657.84	7,600.92	56.92	134.537		
2,900.00	2,719.75	2,588.75	2,588.75	18.70	44.20	-45.99	957.30	-8,228.10	7,625.10	7,565.95	59.15	128.907		
3,000.00	2,809.28	2,678.28	2,678.28	19.58	45.77	-46.21	957.30	-8,228.10	7,592.48	7,531.07	61.42	123.624		
3,100.00	2,898.80	2,767.80	2,767.80	20.47	47.33	-46.45	957.30	-8,228.10	7,559.99	7,496.30	63.69	118.708		
3,200.00	2,988.33	2,857.33	2,857.33	21.36	48.89	-46.68	957.30	-8,228.10	7,527.62	7,461.66	65.96	114.124		
3,300.00	3,077.86	2,946.86	2,946.86	22.26	50.46	-46.91	957.30	-8,228.10	7,495.37	7,427.13	68.24	109.840		
3,400.00	3,167.39	3,036.39	3,036.39	23.15	52.02	-47.15	957.30	-8,228.10	7,463.25	7,392.72	70.52	105.826		
3,500.00	3,256.92	3,125.92	3,125.92	24.04	53.58	-47.39	957.30	-8,228.10	7,431.26	7,358.44	72.81	102.060		
3,600.00	3,346.44	3,215.44	3,215.44	24.93	55.14	-47.63	957.30	-8,228.10	7,399.39	7,324.29	75.11	98.519		
3,700.00	3,435.97	3,304.97	3,304.97	25.83	56.71	-47.87	957.30	-8,228.10	7,367.66	7,290.26	77.41	95.183		
3,800.00	3,525.50	3,405.50	3,394.50	26.72	58.46	-48.11	957.30	-8,228.10	7,336.07	7,256.16	79.90	91.815		
3,900.00	3,615.03	3,484.03	3,484.03	27.62	59.83	-48.36	957.30	-8,228.10	7,304.60	7,222.59	82.02	89.062		
4,000.00	3,704.56	3,573.56	3,573.56	28.51	61.39	-48.60	957.30	-8,228.10	7,273.28	7,188.95	84.33	86.248		
4,100.00	3,794.09	3,663.09	3,663.09	29.41	62.96	-48.85	957.30	-8,228.10	7,242.09	7,155.44	86.65	83.582		
4,200.00	3,883.61	3,752.61	3,752.61	30.30	64.52	-49.10	957.30	-8,228.10	7,211.04	7,122.07	88.97	81.051		
4,300.00	3,973.14	3,842.14	3,842.14	31.20	66.08	-49.36	957.30	-8,228.10	7,180.14	7,088.84	91.30	78.647		
4,400.00	4,062.67	3,931.67	3,931.67	32.10	67.64	-49.61	957.30	-8,228.10	7,149.38	7,055.75	93.63	76.360		
4,500.00	4,152.20	4,021.20	4,021.20	32.99	69.21	-49.87	957.30	-8,228.10	7,118.76	7,022.80	95.96	74.182		
4,600.00	4,241.73	4,110.73	4,110.73	33.89	70.77	-50.13	957.30	-8,228.10	7,088.30	6,989.99	98.30	72.106		
4,700.00	4,331.26	4,200.26	4,200.26	34.79	72.33	-50.39	957.30	-8,228.10	7,057.98	6,957.33	100.65	70.124		
4,800.00	4,420.78	4,289.78	4,289.78	35.69	73.89	-50.65	957.30	-8,228.10	7,027.81	6,924.81	103.00	68.231		
4,900.00	4,510.31	4,379.31	4,379.31	36.58	75.46	-50.91	957.30	-8,228.10	6,997.80	6,892.45	105.36	66.421		
5,000.00	4,599.84	4,468.84	4,468.84	37.48	77.02	-51.18	957.30	-8,228.10	6,967.95	6,860.23	107.71	64.689		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,558.37	4,558.37	38.38	78.58	-51.45	957.30	-8,228.10	6,938.25	6,828.17	110.08	63.030		
5,200.00	4,778.90	4,647.90	4,647.90	39.28	80.14	-51.72	957.30	-8,228.10	6,908.71	6,796.26	112.45	61.439		
5,300.00	4,868.42	4,737.42	4,737.42	40.18	81.71	-51.99	957.30	-8,228.10	6,879.33	6,764.51	114.82	59.913		
5,400.00	4,957.95	4,826.95	4,826.95	41.07	83.27	-52.27	957.30	-8,228.10	6,850.12	6,732.92	117.20	58.448		
5,500.00	5,047.48	4,916.48	4,916.48	41.97	84.83	-52.55	957.30	-8,228.10	6,821.07	6,701.48	119.58	57.040		
5,600.00	5,137.01	5,006.01	5,006.01	42.87	86.39	-52.82	957.30	-8,228.10	6,792.19	6,670.22	121.97	55.686		
5,700.00	5,226.54	5,104.46	5,095.54	43.77	88.11	-53.10	957.30	-8,228.10	6,763.48	6,638.96	124.52	54.316		
5,800.00	5,316.07	5,185.07	5,185.07	44.67	89.52	-53.39	957.30	-8,228.10	6,734.94	6,608.18	126.76	53.130		
5,900.00	5,405.59	5,274.59	5,274.59	45.57	91.08	-53.67	957.30	-8,228.10	6,706.58	6,577.41	129.17	51.923		
6,000.00	5,495.12	5,364.12	5,364.12	46.47	92.64	-53.96	957.30	-8,228.10	6,678.39	6,546.82	131.57	50.758		
6,100.00	5,584.65	5,453.65	5,453.65	47.37	94.21	-54.25	957.30	-8,228.10	6,650.39	6,516.40	133.98	49.636		
6,200.00	5,674.18	5,543.18	5,543.18	48.27	95.77	-54.54	957.30	-8,228.10	6,622.56	6,486.16	136.40	48.552		
6,300.00	5,763.71	5,632.71	5,632.71	49.16	97.33	-54.83	957.30	-8,228.10	6,594.92	6,456.09	138.82	47.506		
6,400.00	5,853.23	5,722.23	5,722.23	50.06	98.89	-55.13	957.30	-8,228.10	6,567.46	6,426.21	141.25	46.496		
6,500.00	5,942.76	5,811.76	5,811.76	50.96	100.46	-55.43	957.30	-8,228.10	6,540.19	6,396.51	143.68	45.519		
6,600.00	6,032.29	5,901.29	5,901.29	51.86	102.02	-55.73	957.30	-8,228.10	6,513.11	6,367.00	146.12	44.575		
6,700.00	6,121.82	6,009.18	5,990.82	52.76	103.90	-56.03	957.30	-8,228.10	6,486.23	6,337.35	148.88	43.568		
6,800.00	6,211.35	6,080.35	6,080.35	53.66	105.14	-56.34	957.30	-8,228.10	6,459.54	6,308.54	151.00	42.778		
6,900.00	6,300.88	6,169.88	6,169.88	54.56	106.71	-56.64	957.30	-8,228.10	6,433.05	6,279.59	153.45	41.922		
7,000.00	6,390.40	6,259.40	6,259.40	55.46	108.27	-56.95	957.30	-8,228.10	6,406.76	6,250.85	155.91	41.093		
7,100.00	6,479.90	6,348.90	6,348.90	56.36	109.83	-57.25	957.30	-8,228.10	6,380.55	6,222.19	158.37	40.290		
7,200.00	6,569.42	6,438.42	6,438.42	57.26	111.39	-57.56	957.30	-8,228.10	6,354.33	6,196.82	160.83	39.555		
7,300.00	6,658.95	6,527.95	6,527.95	58.17	112.95	-57.87	957.30	-8,228.10	6,328.11	6,169.31	163.29	38.820		
7,400.00	6,748.47	6,617.47	6,617.47	59.08	114.51	-58.18	957.30	-8,228.10	6,301.89	6,141.80	165.75	38.085		
7,500.00	6,837.99	6,706.99	6,706.99	60.00	116.07	-58.49	957.30	-8,228.10	6,275.67	6,114.29	168.21	37.350		
7,600.00	6,927.52	6,796.52	6,796.52	60.92	117.63	-58.80	957.30	-8,228.10	6,249.45	6,086.78	170.67	36.615		
7,700.00	7,017.04	6,886.04	6,886.04	61.84	119.19	-59.11	957.30	-8,228.10	6,223.23	6,059.27	173.13	35.880		
7,800.00	7,106.57	6,975.57	6,975.57	62.76	120.75	-59.42	957.30	-8,228.10	6,197.01	6,031.76	175.59	35.145		
7,900.00	7,196.09	7,065.09	7,065.09	63.68	122.31	-59.73	957.30	-8,228.10	6,170.79	6,004.25	178.05	34.410		
8,000.00	7,285.62	7,154.62	7,154.62	64.60	123.87	-60.04	957.30	-8,228.10	6,144.57	5,976.74	180.51	33.675		
8,100.00	7,375.14	7,244.14	7,244.14	65.52	125.43	-60.35	957.30	-8,228.10	6,118.35	5,949.23	182.97	32.940		
8,200.00	7,464.67	7,333.67	7,333.67	66.44	126.99	-60.66	957.30	-8,228.10	6,092.13	5,921.72	185.43	32.205		
8,300.00	7,554.19	7,423.19	7,423.19	67.36	128.55	-60.97	957.30	-8,228.10	6,065.91	5,894.21	187.89	31.470		
8,400.00	7,643.72	7,512.72	7,512.72	68.28	130.11	-61.28	957.30	-8,228.10	6,039.69	5,866.70	190.35	30.735		
8,500.00	7,733.24	7,602.24	7,602.24	69.20	131.67	-61.59	957.30	-8,228.10	6,013.47	5,839.19	192.81	30.000		
8,600.00	7,822.77	7,691.77	7,691.77	70.12	133.23	-61.90	957.30	-8,228.10	5,987.25	5,811.68	195.27	29.265		
8,700.00	7,912.29	7,781.29	7,781.29	71.04	134.79	-62.21	957.30	-8,228.10	5,961.03	5,784.17	197.73	28.530		
8,800.00	8,001.82	7,870.82	7,870.82	71.96	136.35	-62.52	957.30	-8,228.10	5,934.81	5,756.66	200.19	27.795		
8,900.00	8,091.34	7,960.34	7,960.34	72.88	137.91	-62.83	957.30	-8,228.10	5,908.59	5,729.15	202.65	27.060		
9,000.00	8,180.87	8,049.87	8,049.87	73.80	139.47	-63.14	957.30	-8,228.10	5,882.37	5,701.64	205.11	26.325		
9,100.00	8,270.39	8,139.39	8,139.39	74.72	141.03	-63.45	957.30	-8,228.10	5,856.15	5,674.13	207.57	25.590		
9,200.00	8,359.92	8,228.92	8,228.92	75.64	142.59	-63.76	957.30	-8,228.10	5,829.93	5,646.62	210.03	24.855		
9,300.00	8,449.44	8,318.44	8,318.44	76.56	144.15	-64.07	957.30	-8,228.10	5,803.71	5,619.11	212.49	24.120		
9,400.00	8,538.97	8,407.97	8,407.97	77.48	145.71	-64.38	957.30	-8,228.10	5,777.49	5,591.60	214.95	23.385		
9,500.00	8,628.49	8,497.49	8,497.49	78.40	147.27	-64.69	957.30	-8,228.10	5,751.27	5,564.09	217.41	22.650		
9,600.00	8,718.02	8,586.99	8,586.99	79.32	148.83	-65.00	957.30	-8,228.10	5,725.05	5,536.58	219.87	21.915		
9,700.00	8,807.54	8,676.52	8,676.52	80.24	150.39	-65.31	957.30	-8,228.10	5,698.83	5,509.07	222.33	21.180		
9,800.00	8,897.07	8,766.05	8,766.05	81.16	151.95	-65.62	957.30	-8,228.10	5,672.61	5,481.56	224.79	20.445		
9,900.00	8,986.59	8,855.57	8,855.57	82.08	153.51	-65.93	957.30	-8,228.10	5,646.39	5,454.05	227.25	19.710		
10,000.00	9,076.12	8,945.10	8,945.10	83.00	155.07	-66.24	957.30	-8,228.10	5,620.17	5,426.54	229.71	18.975		
10,100.00	9,165.64	9,034.62	9,034.62	83.92	156.63	-66.55	957.30	-8,228.10	5,593.95	5,399.03	232.17	18.240		
10,200.00	9,255.17	9,124.15	9,124.15	84.84	158.19	-66.86	957.30	-8,228.10	5,567.73	5,371.52	234.63	17.505		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	116.12	-90.00	957.30	-8,228.10	3,459.21	3,265.86	193.34	17.892		
10,400.00	6,840.00	6,709.00	6,709.00	123.57	116.12	-90.00	957.30	-8,228.10	3,365.03	3,170.05	194.98	17.258		
10,500.00	6,840.00	6,709.00	6,709.00	126.04	116.12	-90.00	957.30	-8,228.10	3,271.20	3,074.49	196.71	16.630		
10,600.00	6,840.00	6,709.00	6,709.00	128.52	116.12	-90.00	957.30	-8,228.10	3,177.74	2,979.19	198.55	16.005		
10,700.00	6,840.00	6,709.00	6,709.00	131.01	116.12	-90.00	957.30	-8,228.10	3,084.69	2,884.20	200.49	15.386		
10,800.00	6,840.00	6,709.00	6,709.00	133.51	116.12	-90.00	957.30	-8,228.10	2,992.10	2,789.54	202.56	14.771		
10,900.00	6,840.00	6,709.00	6,709.00	136.02	116.12	-90.00	957.30	-8,228.10	2,899.99	2,695.23	204.76	14.163		
11,000.00	6,840.00	6,709.00	6,709.00	138.53	116.12	-90.00	957.30	-8,228.10	2,808.43	2,601.33	207.09	13.561		
11,100.00	6,840.00	6,709.00	6,709.00	141.06	116.12	-90.00	957.30	-8,228.10	2,717.45	2,507.87	209.58	12.966		
11,200.00	6,840.00	6,709.00	6,709.00	143.59	116.12	-90.00	957.30	-8,228.10	2,627.14	2,414.90	212.24	12.378		
11,300.00	6,840.00	6,709.00	6,709.00	146.13	116.12	-90.00	957.30	-8,228.10	2,537.55	2,322.48	215.07	11.799		
11,400.00	6,840.00	6,709.00	6,709.00	148.68	116.12	-90.00	957.30	-8,228.10	2,448.77	2,230.68	218.09	11.228		
11,500.00	6,840.00	6,709.00	6,709.00	151.23	116.12	-90.00	957.30	-8,228.10	2,360.89	2,139.57	221.32	10.668		
11,600.00	6,840.00	6,709.00	6,709.00	153.79	116.12	-90.00	957.30	-8,228.10	2,274.00	2,049.24	224.76	10.117		
11,700.00	6,840.00	6,709.00	6,709.00	156.35	116.12	-90.00	957.30	-8,228.10	2,188.24	1,959.79	228.45	9.579		
11,800.00	6,840.00	6,709.00	6,709.00	158.92	116.12	-90.00	957.30	-8,228.10	2,103.73	1,871.35	232.39	9.053		
11,900.00	6,840.00	6,709.00	6,709.00	161.49	116.12	-90.00	957.30	-8,228.10	2,020.64	1,784.05	236.59	8.541		
12,000.00	6,840.00	6,709.00	6,709.00	164.07	116.12	-90.00	957.30	-8,228.10	1,939.15	1,698.07	241.08	8.044		
12,100.00	6,840.00	6,709.00	6,709.00	166.66	116.12	-90.00	957.30	-8,228.10	1,859.47	1,613.60	245.87	7.563		
12,200.00	6,840.00	6,709.00	6,709.00	169.25	116.12	-90.00	957.30	-8,228.10	1,781.83	1,530.88	250.95	7.100		
12,300.00	6,840.00	6,709.00	6,709.00	171.84	116.12	-90.00	957.30	-8,228.10	1,706.53	1,450.19	256.34	6.657		
12,400.00	6,840.00	6,709.00	6,709.00	174.44	116.12	-90.00	957.30	-8,228.10	1,633.87	1,371.86	262.01	6.236		
12,500.00	6,840.00	6,709.00	6,709.00	177.04	116.12	-90.00	957.30	-8,228.10	1,564.24	1,296.28	267.96	5.838		
12,600.00	6,840.00	6,709.00	6,709.00	179.64	116.12	-90.00	957.30	-8,228.10	1,498.05	1,223.91	274.13	5.465		
12,700.00	6,840.00	6,709.00	6,709.00	182.25	116.12	-90.00	957.30	-8,228.10	1,435.78	1,155.31	280.47	5.119		
12,800.00	6,840.00	6,709.00	6,709.00	184.86	116.12	-90.00	957.30	-8,228.10	1,377.95	1,091.10	286.86	4.804		
12,900.00	6,840.00	6,709.00	6,709.00	187.47	116.12	-90.00	957.30	-8,228.10	1,325.17	1,031.99	293.18	4.520		
13,000.00	6,840.00	6,709.00	6,709.00	190.09	116.12	-90.00	957.30	-8,228.10	1,278.03	978.78	299.26	4.271		
13,100.00	6,840.00	6,709.00	6,709.00	192.71	116.12	-90.00	957.30	-8,228.10	1,237.20	932.32	304.88	4.058		
13,200.00	6,840.00	6,709.00	6,709.00	195.34	116.12	-90.00	957.30	-8,228.10	1,203.32	893.51	309.81	3.884		
13,300.00	6,840.00	6,709.00	6,709.00	197.96	116.12	-90.00	957.30	-8,228.10	1,176.98	863.18	313.80	3.751		
13,400.00	6,840.00	6,709.00	6,709.00	200.59	116.12	-90.00	957.30	-8,228.10	1,158.70	842.07	316.63	3.659		
13,500.00	6,840.00	6,709.00	6,709.00	203.22	116.12	-90.00	957.30	-8,228.10	1,148.87	830.77	318.10	3.612		
13,563.47	6,840.00	6,709.00	6,709.00	204.89	116.12	-90.00	957.30	-8,228.10	1,147.11	828.83	318.29	3.604	CC, ES, SF	
13,600.00	6,840.00	6,709.00	6,709.00	205.85	116.12	-90.00	957.30	-8,228.10	1,147.69	829.57	318.12	3.608		
13,700.00	6,840.00	6,709.00	6,709.00	208.49	116.12	-90.00	957.30	-8,228.10	1,155.21	838.54	316.67	3.648		
13,800.00	6,840.00	6,709.00	6,709.00	211.13	116.12	-90.00	957.30	-8,228.10	1,171.24	857.40	313.85	3.732		
13,900.00	6,840.00	6,709.00	6,709.00	213.77	116.12	-90.00	957.30	-8,228.10	1,195.46	885.64	309.82	3.859		
14,000.00	6,840.00	6,709.00	6,709.00	216.41	116.12	-90.00	957.30	-8,228.10	1,227.37	922.55	304.82	4.027		
14,100.00	6,840.00	6,709.00	6,709.00	219.06	116.12	-90.00	957.30	-8,228.10	1,266.39	967.30	299.09	4.234		
14,200.00	6,840.00	6,709.00	6,709.00	221.70	116.12	-90.00	957.30	-8,228.10	1,311.88	1,019.01	292.87	4.479		
14,300.00	6,840.00	6,709.00	6,709.00	224.35	116.12	-90.00	957.30	-8,228.10	1,363.21	1,076.82	286.39	4.760		
14,400.00	6,840.00	6,709.00	6,709.00	227.00	116.12	-90.00	957.30	-8,228.10	1,419.74	1,139.91	279.82	5.074		
14,500.00	6,840.00	6,709.00	6,709.00	229.65	116.12	-90.00	957.30	-8,228.10	1,480.86	1,207.55	273.31	5.418		
14,600.00	6,840.00	6,709.00	6,709.00	232.30	116.12	-90.00	957.30	-8,228.10	1,546.05	1,279.08	266.97	5.791		
14,700.00	6,840.00	6,709.00	6,709.00	234.96	116.12	-90.00	957.30	-8,228.10	1,614.80	1,353.94	260.86	6.190		
14,800.00	6,840.00	6,709.00	6,709.00	237.61	116.12	-90.00	957.30	-8,228.10	1,686.67	1,431.65	255.03	6.614		
14,900.00	6,840.00	6,709.00	6,709.00	240.27	116.12	-90.00	957.30	-8,228.10	1,761.30	1,511.79	249.51	7.059		
15,000.00	6,840.00	6,709.00	6,709.00	242.93	116.12	-90.00	957.30	-8,228.10	1,838.34	1,594.04	244.30	7.525		
15,100.00	6,840.00	6,709.00	6,709.00	245.59	116.12	-90.00	957.30	-8,228.10	1,917.50	1,678.08	239.41	8.009		
15,200.00	6,840.00	6,709.00	6,709.00	248.25	116.12	-90.00	957.30	-8,228.10	1,998.52	1,763.69	234.84	8.510		
15,300.00	6,840.00	6,709.00	6,709.00	250.92	116.12	-90.00	957.30	-8,228.10	2,081.20	1,850.64	230.56	9.027		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	116.12	-90.00	957.30	-8,228.10	2,165.34	1,938.78	226.56	9.557		
15,500.00	6,840.00	6,709.00	6,709.00	256.25	116.12	-90.00	957.30	-8,228.10	2,250.78	2,027.95	222.84	10.101		
15,600.00	6,840.00	6,709.00	6,709.00	258.91	116.12	-90.00	957.30	-8,228.10	2,337.37	2,118.02	219.36	10.656		
15,700.00	6,840.00	6,709.00	6,709.00	261.58	116.12	-90.00	957.30	-8,228.10	2,425.00	2,208.88	216.11	11.221		
15,800.00	6,840.00	6,709.00	6,709.00	264.25	116.12	-90.00	957.30	-8,228.10	2,513.55	2,300.46	213.09	11.796		
15,900.00	6,840.00	6,709.00	6,709.00	266.92	116.12	-90.00	957.30	-8,228.10	2,602.93	2,392.66	210.26	12.379		
16,000.00	6,840.00	6,709.00	6,709.00	269.59	116.12	-90.00	957.30	-8,228.10	2,693.05	2,485.43	207.63	12.971		
16,100.00	6,840.00	6,709.00	6,709.00	272.26	116.12	-90.00	957.30	-8,228.10	2,783.85	2,578.69	205.16	13.569		
16,200.00	6,840.00	6,709.00	6,709.00	274.94	116.12	-90.00	957.30	-8,228.10	2,875.27	2,672.41	202.86	14.174		
16,300.00	6,840.00	6,709.00	6,709.00	277.61	116.12	-90.00	957.30	-8,228.10	2,967.23	2,766.53	200.70	14.784		
16,400.00	6,840.00	6,709.00	6,709.00	280.28	116.12	-90.00	957.30	-8,228.10	3,059.70	2,861.02	198.68	15.400		
16,500.00	6,840.00	6,709.00	6,709.00	282.96	116.12	-90.00	957.30	-8,228.10	3,152.63	2,955.84	196.79	16.020		
16,600.00	6,840.00	6,709.00	6,709.00	285.64	116.12	-90.00	957.30	-8,228.10	3,245.98	3,050.96	195.02	16.645		
16,700.00	6,840.00	6,709.00	6,709.00	288.31	116.12	-90.00	957.30	-8,228.10	3,339.71	3,146.36	193.35	17.273		
16,800.00	6,840.00	6,709.00	6,709.00	290.99	116.12	-90.00	957.30	-8,228.10	3,433.80	3,242.01	191.79	17.904		
16,900.00	6,840.00	6,709.00	6,709.00	293.67	116.12	-90.00	957.30	-8,228.10	3,528.21	3,337.90	190.32	18.538		
17,000.00	6,840.00	6,709.00	6,709.00	296.35	116.12	-90.00	957.30	-8,228.10	3,622.93	3,433.99	188.94	19.175		
17,100.00	6,840.00	6,709.00	6,709.00	299.03	116.12	-90.00	957.30	-8,228.10	3,717.92	3,530.28	187.64	19.814		
17,200.00	6,840.00	6,709.00	6,709.00	301.71	116.12	-90.00	957.30	-8,228.10	3,813.16	3,626.75	186.41	20.456		
17,300.00	6,840.00	6,709.00	6,709.00	304.39	116.12	-90.00	957.30	-8,228.10	3,908.65	3,723.39	185.26	21.098		
17,400.00	6,840.00	6,709.00	6,709.00	307.08	116.12	-90.00	957.30	-8,228.10	4,004.35	3,820.18	184.17	21.743		
17,500.00	6,840.00	6,709.00	6,709.00	309.76	116.12	-90.00	957.30	-8,228.10	4,100.26	3,917.11	183.15	22.388		
17,600.00	6,840.00	6,709.00	6,709.00	312.44	116.12	-90.00	957.30	-8,228.10	4,196.36	4,014.18	182.18	23.035		
17,700.00	6,840.00	6,709.00	6,709.00	315.13	116.12	-90.00	957.30	-8,228.10	4,292.64	4,111.38	181.26	23.682		
17,800.00	6,840.00	6,709.00	6,709.00	317.81	116.12	-90.00	957.30	-8,228.10	4,389.08	4,208.68	180.40	24.330		
17,900.00	6,840.00	6,709.00	6,709.00	320.50	116.12	-90.00	957.30	-8,228.10	4,485.68	4,306.10	179.58	24.978		
18,000.00	6,840.00	6,709.00	6,709.00	323.19	116.12	-90.00	957.30	-8,228.10	4,582.43	4,403.62	178.81	25.627		
18,100.00	6,840.00	6,709.00	6,709.00	325.87	116.12	-90.00	957.30	-8,228.10	4,679.31	4,501.23	178.08	26.276		
18,200.00	6,840.00	6,709.00	6,709.00	328.56	116.12	-90.00	957.30	-8,228.10	4,776.32	4,598.93	177.39	26.926		
18,300.00	6,840.00	6,709.00	6,709.00	331.25	116.12	-90.00	957.30	-8,228.10	4,873.46	4,696.72	176.74	27.575		
18,400.00	6,840.00	6,709.00	6,709.00	333.94	116.12	-90.00	957.30	-8,228.10	4,970.70	4,794.59	176.12	28.224		
18,500.00	6,840.00	6,709.00	6,709.00	336.63	116.12	-90.00	957.30	-8,228.10	5,068.06	4,892.53	175.53	28.873		
18,600.00	6,840.00	6,709.00	6,709.00	339.32	116.12	-90.00	957.30	-8,228.10	5,165.51	4,990.54	174.97	29.521		
18,700.00	6,840.00	6,709.00	6,709.00	342.01	116.12	-90.00	957.30	-8,228.10	5,263.06	5,088.61	174.45	30.170		
18,800.00	6,840.00	6,709.00	6,709.00	344.70	116.12	-90.00	957.30	-8,228.10	5,360.70	5,186.75	173.95	30.818		
18,900.00	6,840.00	6,709.00	6,709.00	347.39	116.12	-90.00	957.30	-8,228.10	5,458.43	5,284.95	173.48	31.465		
19,000.00	6,840.00	6,709.00	6,709.00	350.08	116.12	-90.00	957.30	-8,228.10	5,556.23	5,383.20	173.03	32.112		
19,100.00	6,840.00	6,709.00	6,709.00	352.77	116.12	-90.00	957.30	-8,228.10	5,654.12	5,481.51	172.60	32.758		
19,200.00	6,840.00	6,709.00	6,709.00	355.46	116.12	-90.00	957.30	-8,228.10	5,752.07	5,579.87	172.20	33.403		
19,300.00	6,840.00	6,709.00	6,709.00	358.16	116.12	-90.00	957.30	-8,228.10	5,850.10	5,678.28	171.82	34.048		
19,400.00	6,840.00	6,709.00	6,709.00	360.85	116.12	-90.00	957.30	-8,228.10	5,948.19	5,776.73	171.46	34.692		
19,500.00	6,840.00	6,709.00	6,709.00	363.54	116.12	-90.00	957.30	-8,228.10	6,046.34	5,875.23	171.11	35.335		
19,600.00	6,840.00	6,709.00	6,709.00	366.24	116.12	-90.00	957.30	-8,228.10	6,144.55	5,973.77	170.79	35.978		
19,700.00	6,840.00	6,709.00	6,709.00	368.93	116.12	-90.00	957.30	-8,228.10	6,242.82	6,072.35	170.48	36.619		
19,800.00	6,840.00	6,709.00	6,709.00	371.63	116.12	-90.00	957.30	-8,228.10	6,341.15	6,170.96	170.19	37.260		
19,900.00	6,840.00	6,709.00	6,709.00	374.32	116.12	-90.00	957.30	-8,228.10	6,439.52	6,269.61	169.91	37.900		
20,000.00	6,840.00	6,709.00	6,709.00	377.02	116.12	-90.00	957.30	-8,228.10	6,537.95	6,368.30	169.65	38.539		
20,100.00	6,840.00	6,709.00	6,709.00	379.71	116.12	-90.00	957.30	-8,228.10	6,636.42	6,467.02	169.40	39.177		
20,200.00	6,840.00	6,709.00	6,709.00	382.41	116.12	-90.00	957.30	-8,228.10	6,734.94	6,565.78	169.16	39.813		
20,300.00	6,840.00	6,709.00	6,709.00	385.11	116.12	-90.00	957.30	-8,228.10	6,833.50	6,664.56	168.94	40.449		
20,400.00	6,840.00	6,709.00	6,709.00	387.80	116.12	-90.00	957.30	-8,228.10	6,932.10	6,763.37	168.73	41.084		
20,500.00	6,840.00	6,709.00	6,709.00	390.50	116.12	-90.00	957.30	-8,228.10	7,030.74	6,862.21	168.53	41.718		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,709.00	6,709.00	393.20	116.12	-90.00	957.30	-8,228.10	7,129.42	6,961.08	168.34	42.351	
20,691.67	6,840.00	6,709.00	6,709.00	395.67	116.12	-90.00	957.30	-8,228.10	7,219.91	7,051.73	168.18	42.930	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-74.85	1,710.84	-6,319.59	6,548.21					
100.00	100.00	0.00	0.00	0.13	0.00	-74.85	1,710.84	-6,319.59	6,547.11	6,546.97	0.13	N/A		
143.87	143.87	22.20	22.20	0.29	0.02	-74.85	1,710.85	-6,319.58	6,547.07	6,546.76	0.31	N/A		
200.00	200.00	79.19	79.19	0.49	0.07	-74.85	1,710.90	-6,319.56	6,547.07	6,546.50	0.57	N/A		
300.00	300.00	192.69	192.69	0.85	0.22	-74.85	1,711.19	-6,319.36	6,546.96	6,545.90	1.07	6,136.409		
400.00	399.98	293.37	293.37	1.21	0.31	-30.24	1,711.52	-6,319.02	6,545.22	6,543.71	1.51	4,330.277		
500.00	499.84	390.45	390.45	1.57	0.38	-30.30	1,711.73	-6,318.75	6,540.48	6,538.55	1.93	3,380.535		
600.00	599.45	559.31	559.30	1.94	0.48	-30.45	1,711.94	-6,317.23	6,532.04	6,529.65	2.40	2,724.478		
700.00	698.70	663.01	662.99	2.32	0.53	-30.62	1,711.93	-6,315.84	6,520.23	6,517.41	2.82	2,311.818		
800.00	797.47	764.50	764.47	2.73	0.58	-30.84	1,711.96	-6,314.42	6,505.41	6,502.16	3.25	2,004.331		
900.00	895.62	861.50	861.46	3.16	0.63	-31.11	1,711.79	-6,313.09	6,487.61	6,483.93	3.68	1,764.988		
1,000.00	993.06	956.14	956.09	3.63	0.67	-31.43	1,711.65	-6,311.82	6,466.94	6,462.82	4.11	1,571.901		
1,100.00	1,089.64	1,043.23	1,043.17	4.14	0.71	-31.79	1,711.32	-6,310.76	6,443.44	6,438.88	4.56	1,412.604		
1,200.00	1,185.27	1,130.42	1,130.36	4.70	0.75	-32.21	1,711.15	-6,309.84	6,417.30	6,412.27	5.02	1,277.343		
1,300.00	1,279.82	1,223.61	1,223.55	5.30	0.78	-32.68	1,710.83	-6,308.87	6,388.33	6,382.83	5.51	1,160.184		
1,400.00	1,373.17	1,294.70	1,294.63	5.96	0.81	-33.18	1,710.57	-6,308.31	6,356.83	6,350.83	6.00	1,059.385		
1,500.00	1,465.21	1,386.82	1,386.75	6.67	0.85	-33.77	1,710.40	-6,307.72	6,322.81	6,316.28	6.52	969.284		
1,600.00	1,555.84	1,465.10	1,465.03	7.44	0.88	-34.39	1,710.34	-6,307.24	6,286.19	6,279.13	7.07	889.697		
1,700.00	1,645.41	1,546.41	1,546.34	8.26	0.91	-34.70	1,710.19	-6,306.93	6,247.97	6,240.34	7.63	819.018		
1,800.00	1,734.94	1,640.85	1,640.78	9.09	0.94	-34.93	1,710.20	-6,306.57	6,209.79	6,201.59	8.20	756.873		
1,900.00	1,824.47	1,730.72	1,730.65	9.94	0.97	-35.16	1,710.26	-6,306.07	6,171.56	6,162.77	8.79	702.179		
2,000.00	1,913.99	1,800.00	1,799.92	10.80	0.99	-35.34	1,710.57	-6,305.79	6,133.64	6,124.26	9.38	654.245		
2,100.00	2,003.52	1,876.89	1,876.81	11.66	1.01	-35.53	1,711.41	-6,305.58	6,096.04	6,086.07	9.97	611.471		
2,200.00	2,093.05	1,953.96	1,953.87	12.53	1.03	-35.72	1,712.72	-6,305.43	6,058.72	6,048.15	10.57	573.173		
2,300.00	2,182.58	2,023.56	2,023.46	13.40	1.05	-35.90	1,713.84	-6,305.47	6,021.69	6,010.52	11.18	538.706		
2,400.00	2,272.11	2,082.28	2,082.17	14.28	1.06	-36.05	1,714.78	-6,305.79	5,985.18	5,973.39	11.79	507.541		
2,500.00	2,361.63	2,160.49	2,160.37	15.16	1.07	-36.25	1,715.94	-6,306.57	5,949.13	5,936.72	12.41	479.389		
2,600.00	2,451.16	2,253.65	2,253.51	16.04	1.08	-36.50	1,716.85	-6,307.65	5,913.22	5,900.19	13.03	453.847		
2,700.00	2,540.69	2,331.28	2,331.13	16.92	1.09	-36.71	1,717.01	-6,308.64	5,877.38	5,863.73	13.66	430.308		
2,800.00	2,630.22	2,400.00	2,399.85	17.81	1.09	-36.91	1,716.96	-6,309.91	5,842.08	5,827.78	14.30	408.593		
2,900.00	2,719.75	2,464.38	2,464.21	18.70	1.10	-37.09	1,716.90	-6,311.36	5,807.24	5,792.29	14.95	388.546		
3,000.00	2,809.28	2,538.60	2,538.41	19.58	1.10	-37.30	1,716.88	-6,313.20	5,772.74	5,757.14	15.60	370.081		
3,100.00	2,898.80	2,614.76	2,614.54	20.47	1.11	-37.53	1,716.63	-6,315.37	5,738.64	5,722.38	16.26	352.978		
3,200.00	2,988.33	2,719.40	2,719.14	21.36	1.12	-37.84	1,716.65	-6,318.27	5,704.66	5,687.74	16.92	337.232		
3,300.00	3,077.86	2,837.97	2,837.68	22.26	1.13	-38.19	1,717.20	-6,320.94	5,670.38	5,652.81	17.58	322.630		
3,400.00	3,167.39	3,063.80	3,063.48	23.15	1.15	-38.87	1,716.73	-6,323.24	5,635.17	5,616.96	18.20	309.573		
3,500.00	3,256.92	3,187.08	3,186.76	24.04	1.18	-39.25	1,716.73	-6,322.43	5,598.48	5,579.61	18.88	296.570		
3,600.00	3,346.44	3,271.56	3,271.24	24.93	1.20	-39.51	1,716.79	-6,321.63	5,561.70	5,542.13	19.57	284.158		
3,700.00	3,435.97	3,342.63	3,342.30	25.83	1.21	-39.74	1,716.64	-6,321.14	5,525.23	5,504.95	20.27	272.533		
3,800.00	3,525.50	3,409.19	3,408.87	26.72	1.22	-39.96	1,716.17	-6,321.01	5,489.24	5,468.26	20.98	261.630		
3,900.00	3,615.03	3,480.07	3,479.74	27.62	1.23	-40.19	1,715.47	-6,321.17	5,453.73	5,432.03	21.69	251.388		
4,000.00	3,704.56	3,549.05	3,548.71	28.51	1.24	-40.42	1,714.72	-6,321.57	5,418.67	5,396.26	22.41	241.752		
4,100.00	3,794.09	3,640.99	3,640.64	29.41	1.24	-40.74	1,713.75	-6,322.41	5,384.05	5,360.93	23.13	232.782		
4,200.00	3,883.61	3,751.30	3,750.96	30.30	1.26	-41.11	1,713.52	-6,322.72	5,349.09	5,325.25	23.84	224.401		
4,300.00	3,973.14	3,826.54	3,826.20	31.20	1.26	-41.36	1,713.53	-6,322.95	5,314.34	5,289.77	24.57	216.309		
4,400.00	4,062.67	3,893.24	3,892.89	32.10	1.27	-41.59	1,713.44	-6,323.42	5,280.08	5,254.77	25.31	208.608		
4,500.00	4,152.20	3,944.16	3,943.81	32.99	1.28	-41.76	1,713.36	-6,324.07	5,246.48	5,220.41	26.07	201.253		
4,600.00	4,241.73	4,000.00	3,999.64	33.89	1.28	-41.96	1,713.38	-6,325.24	5,213.74	5,186.91	26.83	194.318		
4,700.00	4,331.26	4,044.48	4,044.09	34.79	1.29	-42.11	1,713.45	-6,326.51	5,181.83	5,154.23	27.61	187.711		
4,800.00	4,420.78	4,100.00	4,099.58	35.69	1.30	-42.31	1,713.58	-6,328.50	5,150.78	5,122.40	28.38	181.489		
4,900.00	4,510.31	4,157.11	4,156.64	36.58	1.31	-42.51	1,713.81	-6,330.93	5,120.50	5,091.34	29.16	175.589		
5,000.00	4,599.84	4,226.62	4,226.07	37.48	1.32	-42.75	1,714.35	-6,334.23	5,090.87	5,060.93	29.94	170.018		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,314.79	4,314.12	38.38	1.33	-43.06	1,715.85	-6,338.53	5,061.60	5,030.88	30.72	164.764		
5,200.00	4,778.90	4,416.79	4,416.00	39.28	1.34	-43.42	1,716.84	-6,343.44	5,032.37	5,000.87	31.50	159.756		
5,300.00	4,868.42	4,535.19	4,534.26	40.18	1.36	-43.84	1,718.26	-6,348.94	5,003.23	4,970.95	32.28	155.002		
5,400.00	4,957.95	4,745.53	4,744.50	41.07	1.39	-44.64	1,717.88	-6,354.60	4,971.90	4,938.88	33.02	150.577		
5,500.00	5,047.48	4,903.60	4,902.50	41.97	1.42	-45.29	1,713.87	-6,357.20	4,940.38	4,906.58	33.80	146.156		
5,600.00	5,137.01	5,025.12	5,023.98	42.87	1.43	-45.80	1,711.08	-6,357.48	4,907.58	4,872.97	34.61	141.813		
5,700.00	5,226.54	5,118.93	5,117.78	43.77	1.45	-46.19	1,709.51	-6,357.31	4,874.66	4,839.23	35.43	137.587		
5,800.00	5,316.07	5,202.13	5,200.97	44.67	1.46	-46.54	1,708.25	-6,357.19	4,841.98	4,805.71	36.27	133.510		
5,900.00	5,405.59	5,293.61	5,292.45	45.57	1.48	-46.93	1,706.89	-6,357.08	4,809.54	4,772.43	37.11	129.616		
6,000.00	5,495.12	5,375.28	5,374.10	46.47	1.49	-47.28	1,705.78	-6,357.02	4,777.35	4,739.39	37.96	125.857		
6,100.00	5,584.65	5,457.65	5,456.47	47.37	1.51	-47.64	1,704.87	-6,357.09	4,745.52	4,706.70	38.82	122.251		
6,200.00	5,674.18	5,551.30	5,550.12	48.27	1.53	-48.04	1,703.91	-6,357.23	4,713.98	4,674.30	39.68	118.810		
6,300.00	5,763.71	5,649.41	5,648.21	49.16	1.54	-48.48	1,702.46	-6,357.17	4,682.46	4,641.92	40.54	115.498		
6,400.00	5,853.23	5,782.90	5,781.70	50.06	1.56	-49.07	1,701.36	-6,356.56	4,650.89	4,609.51	41.38	112.389		
6,500.00	5,942.76	5,883.93	5,882.71	50.96	1.58	-49.53	1,700.55	-6,355.25	4,618.73	4,576.48	42.26	109.306		
6,600.00	6,032.29	6,007.27	6,006.03	51.86	1.60	-50.09	1,699.53	-6,353.17	4,586.48	4,543.36	43.12	106.370		
6,700.00	6,121.82	6,120.38	6,119.10	52.76	1.62	-50.62	1,698.91	-6,350.37	4,553.71	4,509.72	44.00	103.505		
6,800.00	6,211.35	6,189.30	6,188.01	53.66	1.63	-50.94	1,698.67	-6,348.71	4,521.27	4,476.35	44.92	100.657		
6,900.00	6,300.88	6,270.65	6,269.33	54.56	1.64	-51.32	1,698.59	-6,347.01	4,489.35	4,443.51	45.84	97.942		
7,000.00	6,390.40	6,348.93	6,347.60	55.46	1.65	-51.68	1,698.83	-6,345.52	4,457.81	4,411.05	46.77	95.323		
7,100.00	6,479.90	6,426.85	6,425.51	56.36	1.66	-50.39	1,699.14	-6,344.27	4,426.67	4,378.96	47.70	92.797		
7,200.00	6,565.62	6,505.79	6,504.44	57.41	1.67	-40.14	1,699.47	-6,343.13	4,386.06	4,337.40	48.66	90.131		
7,300.00	6,643.25	6,570.53	6,569.18	58.67	1.68	-34.50	1,699.77	-6,342.34	4,330.67	4,281.03	49.63	87.252		
7,400.00	6,710.45	6,631.78	6,630.42	60.11	1.69	-31.85	1,700.09	-6,341.74	4,262.09	4,211.53	50.56	84.300		
7,500.00	6,765.16	6,686.09	6,684.73	61.71	1.70	-31.66	1,700.41	-6,341.23	4,182.20	4,130.80	51.40	81.369		
7,600.00	6,805.74	6,723.04	6,721.68	63.40	1.70	-34.51	1,700.62	-6,340.88	4,093.35	4,041.23	52.12	78.535		
7,700.00	6,830.93	6,744.71	6,743.35	65.14	1.71	-44.61	1,700.70	-6,340.70	3,998.19	3,945.49	52.69	75.875		
7,800.00	6,839.98	6,752.04	6,750.67	66.86	1.71	-89.99	1,700.72	-6,340.64	3,899.52	3,846.43	53.09	73.451		
7,900.00	6,840.00	6,751.33	6,749.96	68.58	1.71	-94.62	1,700.72	-6,340.64	3,800.05	3,746.66	53.39	71.178		
8,000.00	6,840.00	6,750.59	6,749.23	70.35	1.71	-94.52	1,700.72	-6,340.65	3,700.61	3,646.91	53.70	68.910		
8,100.00	6,840.00	6,749.86	6,748.49	72.18	1.71	-94.41	1,700.71	-6,340.65	3,601.20	3,547.17	54.03	66.646		
8,200.00	6,840.00	6,749.12	6,747.75	74.06	1.71	-94.30	1,700.71	-6,340.66	3,501.83	3,447.44	54.39	64.387		
8,300.00	6,840.00	6,748.37	6,747.01	75.98	1.71	-94.20	1,700.71	-6,340.67	3,402.49	3,347.73	54.76	62.134		
8,400.00	6,840.00	6,747.63	6,746.26	77.96	1.71	-94.09	1,700.71	-6,340.67	3,303.19	3,248.03	55.16	59.885		
8,500.00	6,840.00	6,746.88	6,745.51	79.97	1.71	-93.98	1,700.71	-6,340.68	3,203.94	3,148.36	55.58	57.643		
8,600.00	6,840.00	6,746.12	6,744.76	82.03	1.71	-93.87	1,700.71	-6,340.69	3,104.73	3,048.70	56.03	55.408		
8,700.00	6,840.00	6,745.37	6,744.00	84.12	1.71	-93.76	1,700.70	-6,340.69	3,005.58	2,949.06	56.52	53.180		
8,800.00	6,840.00	6,744.61	6,743.24	86.25	1.71	-93.65	1,700.70	-6,340.70	2,906.48	2,849.44	57.04	50.959		
8,900.00	6,840.00	6,743.84	6,742.48	88.41	1.71	-93.54	1,700.70	-6,340.70	2,807.45	2,749.85	57.59	48.747		
9,000.00	6,840.00	6,743.08	6,741.71	90.60	1.71	-93.43	1,700.70	-6,340.71	2,708.48	2,650.29	58.19	46.545		
9,100.00	6,840.00	6,742.31	6,740.94	92.82	1.71	-93.32	1,700.69	-6,340.72	2,609.60	2,550.76	58.84	44.353		
9,200.00	6,840.00	6,741.53	6,740.17	95.07	1.71	-93.21	1,700.69	-6,340.72	2,510.80	2,451.27	59.54	42.173		
9,300.00	6,840.00	6,740.76	6,739.40	97.34	1.71	-93.10	1,700.69	-6,340.73	2,412.11	2,351.81	60.30	40.005		
9,400.00	6,840.00	6,739.98	6,738.62	99.64	1.71	-92.98	1,700.69	-6,340.74	2,313.52	2,252.40	61.12	37.851		
9,500.00	6,840.00	6,739.20	6,737.83	101.95	1.71	-92.87	1,700.68	-6,340.74	2,215.07	2,153.04	62.03	35.712		
9,600.00	6,840.00	6,738.41	6,737.05	104.29	1.71	-92.76	1,700.68	-6,340.75	2,116.75	2,053.74	63.02	33.591		
9,700.00	6,840.00	6,737.62	6,736.26	106.64	1.71	-92.64	1,700.68	-6,340.76	2,018.60	1,954.50	64.11	31.488		
9,800.00	6,840.00	6,736.82	6,735.46	109.02	1.71	-92.53	1,700.68	-6,340.76	1,920.65	1,855.33	65.31	29.407		
9,900.00	6,840.00	6,736.03	6,734.66	111.41	1.71	-92.41	1,700.67	-6,340.77	1,822.91	1,756.26	66.65	27.350		
10,000.00	6,840.00	6,735.23	6,733.86	113.81	1.71	-92.30	1,700.67	-6,340.78	1,725.43	1,657.29	68.15	25.320		
10,100.00	6,840.00	6,734.42	6,733.06	116.23	1.71	-92.18	1,700.67	-6,340.78	1,628.26	1,558.44	69.82	23.320		
10,200.00	6,840.00	6,733.61	6,732.25	118.67	1.71	-92.06	1,700.66	-6,340.79	1,531.45	1,459.74	71.72	21.355		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,732.80	6,731.44	121.11	1.71	-91.95	1,700.66	-6,340.80	1,435.08	1,361.22	73.86	19.429		
10,400.00	6,840.00	6,731.99	6,730.62	123.57	1.71	-91.83	1,700.66	-6,340.81	1,339.24	1,262.92	76.32	17.548		
10,500.00	6,840.00	6,731.17	6,729.80	126.04	1.71	-91.71	1,700.66	-6,340.81	1,244.06	1,164.91	79.15	15.718		
10,600.00	6,840.00	6,730.34	6,728.98	128.52	1.71	-91.59	1,700.65	-6,340.82	1,149.69	1,067.26	82.43	13.948		
10,700.00	6,840.00	6,729.52	6,728.15	131.01	1.71	-91.47	1,700.65	-6,340.83	1,056.36	970.09	86.26	12.246		
10,800.00	6,840.00	6,728.69	6,727.32	133.51	1.71	-91.35	1,700.65	-6,340.83	964.36	873.58	90.78	10.623		
10,900.00	6,840.00	6,727.85	6,726.49	136.02	1.71	-91.23	1,700.64	-6,340.84	874.13	777.99	96.14	9.092		
11,000.00	6,840.00	6,727.01	6,725.65	138.53	1.70	-91.11	1,700.64	-6,340.85	786.26	683.73	102.53	7.669		
11,100.00	6,840.00	6,726.17	6,724.81	141.06	1.70	-90.99	1,700.63	-6,340.86	701.65	591.50	110.15	6.370		
11,200.00	6,840.00	6,725.33	6,723.97	143.59	1.70	-90.86	1,700.63	-6,340.86	621.62	502.46	119.15	5.217		
11,300.00	6,840.00	6,724.48	6,723.12	146.13	1.70	-90.74	1,700.63	-6,340.87	548.18	418.71	129.48	4.234		
11,400.00	6,840.00	6,723.62	6,722.26	148.68	1.70	-90.62	1,700.62	-6,340.88	484.36	343.89	140.47	3.448		
11,500.00	6,840.00	6,722.77	6,721.40	151.23	1.70	-90.49	1,700.62	-6,340.89	434.39	284.14	150.26	2.891		
11,600.00	6,840.00	6,721.91	6,720.54	153.79	1.70	-90.37	1,700.62	-6,340.89	403.47	248.04	155.43	2.596		
11,679.54	6,840.00	6,721.22	6,719.86	155.83	1.70	-90.27	1,700.61	-6,340.90	395.55	241.74	153.81	2.572	CC, ES, SF	
11,700.00	6,840.00	6,721.04	6,719.68	156.35	1.70	-90.24	1,700.61	-6,340.90	396.08	243.62	152.46	2.598		
11,800.00	6,840.00	6,720.17	6,718.81	158.92	1.70	-90.12	1,700.61	-6,340.91	413.49	272.43	141.06	2.931		
11,900.00	6,840.00	6,719.30	6,717.93	161.49	1.70	-89.99	1,700.60	-6,340.92	452.84	327.96	124.88	3.626		
12,000.00	6,840.00	6,718.42	6,717.06	164.07	1.70	-89.86	1,700.60	-6,340.93	509.07	400.88	108.19	4.705		
12,100.00	6,840.00	6,717.54	6,716.18	166.66	1.70	-89.74	1,700.60	-6,340.93	577.26	483.85	93.41	6.180		
12,200.00	6,840.00	6,716.65	6,715.29	169.25	1.70	-89.61	1,700.59	-6,340.94	653.70	572.46	81.24	8.046		
12,300.00	6,840.00	6,715.76	6,714.40	171.84	1.70	-89.48	1,700.59	-6,340.95	735.80	664.25	71.55	10.284		
12,400.00	6,840.00	6,714.87	6,713.50	174.44	1.70	-89.35	1,700.58	-6,340.96	821.88	757.94	63.94	12.854		
12,500.00	6,840.00	6,713.97	6,712.61	177.04	1.70	-89.22	1,700.58	-6,340.97	910.80	852.81	58.00	15.705		
12,600.00	6,840.00	6,713.07	6,711.70	179.64	1.70	-89.09	1,700.57	-6,340.97	1,001.82	948.45	53.37	18.772		
12,700.00	6,840.00	6,712.16	6,710.80	182.25	1.70	-88.96	1,700.57	-6,340.98	1,094.40	1,044.63	49.77	21.990		
12,800.00	6,840.00	6,711.25	6,709.88	184.86	1.70	-88.82	1,700.56	-6,340.99	1,188.19	1,141.21	46.97	25.295		
12,900.00	6,840.00	6,710.33	6,708.97	187.47	1.70	-88.69	1,700.56	-6,341.00	1,282.91	1,238.10	44.81	28.632		
13,000.00	6,840.00	6,709.43	6,708.07	190.09	1.70	-88.56	1,700.56	-6,341.01	1,378.38	1,335.25	43.13	31.956		
13,100.00	6,840.00	6,708.49	6,707.12	192.71	1.70	-88.43	1,700.55	-6,341.02	1,474.45	1,432.61	41.84	35.236		
13,200.00	6,840.00	6,707.56	6,706.20	195.34	1.70	-88.29	1,700.54	-6,341.03	1,571.01	1,530.15	40.86	38.449		
13,300.00	6,840.00	6,706.62	6,705.26	197.96	1.70	-88.16	1,700.54	-6,341.03	1,667.97	1,627.86	40.11	41.582		
13,400.00	6,840.00	6,705.68	6,704.32	200.59	1.70	-88.02	1,700.53	-6,341.04	1,765.28	1,725.72	39.55	44.630		
13,500.00	6,840.00	6,704.74	6,703.38	203.22	1.70	-87.88	1,700.53	-6,341.05	1,862.86	1,823.72	39.14	47.592		
13,600.00	6,840.00	6,703.79	6,702.43	205.85	1.70	-87.75	1,700.52	-6,341.06	1,960.69	1,921.85	38.85	50.471		
13,700.00	6,840.00	6,702.84	6,701.48	208.49	1.70	-87.61	1,700.51	-6,341.07	2,058.73	2,020.09	38.65	53.272		
13,800.00	6,840.00	6,701.89	6,700.53	211.13	1.70	-87.47	1,700.51	-6,341.08	2,156.95	2,118.43	38.52	56.000		
13,900.00	6,840.00	6,700.92	6,699.56	213.77	1.70	-87.33	1,700.50	-6,341.09	2,255.33	2,216.88	38.45	58.662		
14,000.00	6,840.00	6,699.96	6,698.60	216.41	1.70	-87.19	1,700.50	-6,341.10	2,353.84	2,315.42	38.42	61.264		
14,100.00	6,840.00	6,699.01	6,697.65	219.06	1.70	-87.06	1,700.49	-6,341.11	2,452.47	2,414.03	38.43	63.810		
14,200.00	6,840.00	6,698.07	6,696.71	221.70	1.70	-86.92	1,700.48	-6,341.11	2,551.21	2,512.73	38.48	66.307		
14,300.00	6,840.00	6,697.12	6,695.76	224.35	1.70	-86.78	1,700.48	-6,341.12	2,650.04	2,611.50	38.54	68.760		
14,400.00	6,840.00	6,696.17	6,694.81	227.00	1.70	-86.65	1,700.47	-6,341.13	2,748.95	2,710.33	38.62	71.173		
14,500.00	6,840.00	6,695.23	6,693.87	229.65	1.70	-86.51	1,700.47	-6,341.14	2,847.94	2,809.22	38.72	73.549		
14,600.00	6,840.00	6,694.28	6,692.92	232.30	1.70	-86.37	1,700.46	-6,341.15	2,947.00	2,908.17	38.83	75.893		
14,700.00	6,840.00	6,693.34	6,691.98	234.96	1.70	-86.24	1,700.46	-6,341.16	3,046.12	3,007.18	38.95	78.208		
14,800.00	6,840.00	6,692.39	6,691.03	237.61	1.70	-86.10	1,700.45	-6,341.17	3,145.30	3,106.23	39.07	80.495		
14,900.00	6,840.00	6,691.44	6,690.08	240.27	1.70	-85.96	1,700.44	-6,341.18	3,244.53	3,205.32	39.20	82.758		
15,000.00	6,840.00	6,690.50	6,689.14	242.93	1.70	-85.83	1,700.44	-6,341.19	3,343.80	3,304.46	39.34	84.999		
15,100.00	6,840.00	6,689.55	6,688.19	245.59	1.70	-85.69	1,700.43	-6,341.20	3,443.11	3,403.64	39.48	87.219		
15,200.00	6,840.00	6,688.61	6,687.25	248.25	1.70	-85.56	1,700.43	-6,341.20	3,542.46	3,502.85	39.62	89.419		
15,300.00	6,840.00	6,687.66	6,686.30	250.92	1.70	-85.42	1,700.42	-6,341.21	3,641.85	3,602.09	39.76	91.602		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,686.72	6,685.36	253.58	1.70	-85.28	1,700.41	-6,341.22	3,741.27	3,701.37	39.90	93.768		
15,500.00	6,840.00	6,685.77	6,684.41	256.25	1.70	-85.15	1,700.41	-6,341.23	3,840.72	3,800.68	40.04	95.919		
15,600.00	6,840.00	6,684.83	6,683.47	258.91	1.70	-85.01	1,700.40	-6,341.24	3,940.20	3,900.01	40.18	98.055		
15,700.00	6,840.00	6,683.88	6,682.52	261.58	1.70	-84.88	1,700.40	-6,341.25	4,039.70	3,999.38	40.33	100.177		
15,800.00	6,840.00	6,682.93	6,681.57	264.25	1.70	-84.74	1,700.39	-6,341.26	4,139.23	4,098.76	40.47	102.286		
15,900.00	6,840.00	6,681.99	6,680.63	266.92	1.70	-84.61	1,700.39	-6,341.27	4,238.78	4,198.17	40.61	104.383		
16,000.00	6,840.00	6,681.04	6,679.68	269.59	1.70	-84.47	1,700.38	-6,341.28	4,338.35	4,297.60	40.75	106.468		
16,100.00	6,840.00	6,680.10	6,678.74	272.26	1.70	-84.33	1,700.37	-6,341.28	4,437.93	4,397.05	40.89	108.541		
16,200.00	6,840.00	6,679.15	6,677.79	274.94	1.70	-84.20	1,700.37	-6,341.29	4,537.54	4,496.52	41.03	110.604		
16,300.00	6,840.00	6,678.21	6,676.85	277.61	1.70	-84.06	1,700.36	-6,341.30	4,637.16	4,596.00	41.16	112.656		
16,400.00	6,840.00	6,677.26	6,675.90	280.28	1.70	-83.93	1,700.36	-6,341.31	4,736.80	4,695.50	41.30	114.698		
16,500.00	6,840.00	6,676.32	6,674.96	282.96	1.70	-83.79	1,700.35	-6,341.32	4,836.46	4,795.02	41.43	116.730		
16,600.00	6,840.00	6,675.37	6,674.01	285.64	1.70	-83.66	1,700.35	-6,341.33	4,936.12	4,894.56	41.57	118.753		
16,700.00	6,840.00	6,674.43	6,673.07	288.31	1.70	-83.52	1,700.34	-6,341.34	5,035.80	4,994.10	41.70	120.766		
16,800.00	6,840.00	6,673.48	6,672.12	290.99	1.70	-83.39	1,700.33	-6,341.35	5,135.50	5,093.67	41.83	122.770		
16,900.00	6,840.00	6,672.54	6,671.18	293.67	1.70	-83.25	1,700.33	-6,341.36	5,235.20	5,193.24	41.96	124.766		
17,000.00	6,840.00	6,671.59	6,670.24	296.35	1.70	-83.12	1,700.32	-6,341.36	5,334.92	5,292.83	42.09	126.752		
17,100.00	6,840.00	6,670.65	6,669.29	299.03	1.70	-82.99	1,700.32	-6,341.37	5,434.64	5,392.42	42.22	128.730		
17,200.00	6,840.00	6,669.71	6,668.35	301.71	1.70	-82.85	1,700.31	-6,341.38	5,534.38	5,492.03	42.34	130.700		
17,300.00	6,840.00	6,668.76	6,667.40	304.39	1.70	-82.72	1,700.31	-6,341.39	5,634.12	5,591.65	42.47	132.662		
17,400.00	6,840.00	6,667.82	6,666.46	307.08	1.70	-82.58	1,700.30	-6,341.40	5,733.87	5,691.28	42.59	134.615		
17,500.00	6,840.00	6,666.87	6,665.51	309.76	1.70	-82.45	1,700.29	-6,341.41	5,833.64	5,790.92	42.72	136.560		
17,600.00	6,840.00	6,665.93	6,664.57	312.44	1.70	-82.31	1,700.29	-6,341.42	5,933.40	5,890.56	42.84	138.498		
17,700.00	6,840.00	6,664.98	6,663.62	315.13	1.70	-82.18	1,700.28	-6,341.43	6,033.18	5,990.22	42.96	140.427		
17,800.00	6,840.00	6,664.04	6,662.68	317.81	1.70	-82.05	1,700.28	-6,341.44	6,132.97	6,089.88	43.08	142.349		
17,900.00	6,840.00	6,663.10	6,661.74	320.50	1.70	-81.91	1,700.27	-6,341.45	6,232.76	6,189.55	43.20	144.263		
18,000.00	6,840.00	6,662.15	6,660.79	323.19	1.70	-81.78	1,700.27	-6,341.45	6,332.55	6,289.23	43.32	146.170		
18,100.00	6,840.00	6,661.21	6,659.85	325.87	1.70	-81.64	1,700.26	-6,341.46	6,432.36	6,388.91	43.44	148.069		
18,200.00	6,840.00	6,660.26	6,658.90	328.56	1.70	-81.51	1,700.26	-6,341.47	6,532.17	6,488.61	43.56	149.960		
18,300.00	6,840.00	6,659.32	6,657.96	331.25	1.70	-81.38	1,700.25	-6,341.48	6,631.98	6,588.30	43.68	151.844		
18,400.00	6,840.00	6,658.38	6,657.02	333.94	1.70	-81.24	1,700.24	-6,341.49	6,731.80	6,688.01	43.79	153.720		
18,500.00	6,840.00	6,657.43	6,656.07	336.63	1.70	-81.11	1,700.24	-6,341.50	6,831.63	6,787.72	43.91	155.590		
18,600.00	6,840.00	6,656.49	6,655.13	339.32	1.70	-80.98	1,700.23	-6,341.51	6,931.46	6,887.43	44.02	157.451		
18,700.00	6,840.00	6,655.54	6,654.19	342.01	1.70	-80.84	1,700.23	-6,341.52	7,031.29	6,987.15	44.14	159.306		
18,800.00	6,840.00	6,654.60	6,653.24	344.70	1.69	-80.71	1,700.22	-6,341.53	7,131.13	7,086.88	44.25	161.153		
18,900.00	6,840.00	6,653.66	6,652.30	347.39	1.69	-80.58	1,700.22	-6,341.53	7,230.97	7,186.61	44.36	162.993		
19,000.00	6,840.00	6,652.71	6,651.36	350.08	1.69	-80.45	1,700.21	-6,341.54	7,330.82	7,286.35	44.48	164.826		
19,100.00	6,840.00	6,651.77	6,650.41	352.77	1.69	-80.31	1,700.21	-6,341.55	7,430.67	7,386.09	44.59	166.651		
19,200.00	6,840.00	6,650.83	6,649.47	355.46	1.69	-80.18	1,700.20	-6,341.56	7,530.53	7,485.83	44.70	168.470		
19,300.00	6,840.00	6,649.88	6,648.53	358.16	1.69	-80.05	1,700.20	-6,341.57	7,630.39	7,585.58	44.81	170.281		
19,400.00	6,840.00	6,648.94	6,647.58	360.85	1.69	-79.92	1,700.19	-6,341.58	7,730.25	7,685.33	44.92	172.085		
19,500.00	6,840.00	6,648.00	6,646.64	363.54	1.69	-79.78	1,700.18	-6,341.59	7,830.12	7,785.09	45.03	173.882		
19,600.00	6,840.00	6,647.05	6,645.70	366.24	1.69	-79.65	1,700.18	-6,341.60	7,929.99	7,884.85	45.14	175.672		
19,700.00	6,840.00	6,646.11	6,644.75	368.93	1.69	-79.52	1,700.17	-6,341.61	8,029.86	7,984.61	45.25	177.455		
19,800.00	6,840.00	6,645.17	6,643.81	371.63	1.69	-79.39	1,700.17	-6,341.61	8,129.74	8,084.38	45.36	179.231		
19,900.00	6,840.00	6,644.22	6,642.87	374.32	1.69	-79.26	1,700.16	-6,341.62	8,229.61	8,184.15	45.47	181.000		
20,000.00	6,840.00	6,643.28	6,641.92	377.02	1.69	-79.13	1,700.16	-6,341.63	8,329.50	8,283.92	45.58	182.762		
20,100.00	6,840.00	6,642.34	6,640.98	379.71	1.69	-78.99	1,700.15	-6,341.64	8,429.38	8,383.70	45.68	184.517		
20,200.00	6,840.00	6,641.40	6,640.04	382.41	1.69	-78.86	1,700.15	-6,341.65	8,529.27	8,483.48	45.79	186.265		
20,300.00	6,840.00	6,640.45	6,639.10	385.11	1.69	-78.73	1,700.14	-6,341.66	8,629.16	8,583.26	45.90	188.006		
20,400.00	6,840.00	6,639.51	6,638.15	387.80	1.69	-78.60	1,700.14	-6,341.67	8,729.05	8,683.04	46.01	189.739		
20,500.00	6,840.00	6,638.57	6,637.21	390.50	1.69	-78.47	1,700.13	-6,341.68	8,828.94	8,782.83	46.11	191.466		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,637.63	6,636.27	393.20	1.69	-78.34	1,700.13	-6,341.69	8,928.84	8,882.62	46.22	193.186	
20,691.67	6,840.00	6,636.76	6,635.40	395.67	1.69	-78.22	1,700.12	-6,341.69	9,020.41	8,974.10	46.32	194.757	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-100.75	-1,847.30	-9,727.40	9,901.86					
100.00	100.00	0.00	0.00	0.13	0.00	-100.75	-1,847.30	-9,727.40	9,901.26	9,901.13	0.13	N/A		
110.95	110.95	1.95	1.95	0.17	0.00	-100.75	-1,847.30	-9,727.40	9,901.26	9,901.08	0.17	N/A		
200.00	200.00	84.55	84.55	0.49	0.24	-100.75	-1,847.32	-9,727.42	9,901.28	9,900.55	0.73	N/A		
300.00	300.00	175.94	175.94	0.85	0.56	-100.75	-1,847.42	-9,727.50	9,901.39	9,899.98	1.41	7,015.053		
400.00	399.98	267.32	267.31	1.21	0.88	-56.14	-1,847.60	-9,727.65	9,900.61	9,898.52	2.09	4,742.179		
500.00	499.84	358.58	358.58	1.57	1.20	-56.21	-1,847.86	-9,727.86	9,897.98	9,895.21	2.77	3,578.534		
600.00	599.45	449.61	449.61	1.94	1.52	-56.32	-1,848.20	-9,728.14	9,893.49	9,890.04	3.45	2,867.267		
700.00	698.70	540.31	540.30	2.32	1.84	-56.48	-1,848.62	-9,728.48	9,887.17	9,883.03	4.15	2,385.259		
800.00	797.47	634.38	634.37	2.73	2.17	-56.70	-1,849.19	-9,728.88	9,879.02	9,874.15	4.87	2,029.507		
900.00	895.62	2,925.00	2,888.95	3.16	11.54	-60.39	-1,985.26	-9,454.51	9,853.83	9,839.95	13.88	709.960		
1,000.00	993.06	2,966.72	2,928.95	3.63	11.77	-61.08	-1,991.31	-9,444.30	9,821.45	9,806.95	14.50	677.187		
1,100.00	1,089.64	3,144.13	3,099.11	4.14	12.76	-62.18	-2,017.13	-9,401.30	9,788.05	9,772.27	15.78	620.352		
1,200.00	1,185.27	3,181.90	3,135.27	4.70	12.97	-62.96	-2,022.73	-9,391.91	9,752.53	9,736.08	16.46	592.620		
1,300.00	1,279.82	3,206.00	3,158.37	5.30	13.11	-63.73	-2,026.24	-9,386.03	9,716.13	9,699.01	17.11	567.787		
1,400.00	1,373.17	3,250.40	3,201.04	5.96	13.36	-64.59	-2,032.46	-9,375.45	9,678.86	9,660.96	17.90	540.657		
1,500.00	1,465.21	3,300.00	3,248.89	6.67	13.63	-65.51	-2,038.92	-9,364.08	9,640.88	9,622.11	18.76	513.804		
1,600.00	1,555.84	3,321.89	3,270.05	7.44	13.75	-66.35	-2,041.63	-9,359.18	9,602.09	9,582.55	19.55	491.173		
1,700.00	1,645.41	3,369.22	3,315.86	8.26	14.01	-66.70	-2,047.33	-9,348.73	9,562.96	9,542.47	20.49	466.707		
1,800.00	1,734.94	3,428.22	3,373.04	9.09	14.32	-66.92	-2,054.18	-9,335.93	9,524.28	9,502.78	21.50	442.936		
1,900.00	1,824.47	3,679.18	3,616.05	9.94	15.69	-67.84	-2,081.38	-9,279.50	9,485.01	9,461.64	23.37	405.904		
2,000.00	1,913.99	3,742.88	3,677.62	10.80	16.04	-68.08	-2,088.27	-9,264.69	9,445.59	9,421.15	24.44	386.554		
2,100.00	2,003.52	3,994.86	3,919.89	11.66	17.49	-69.05	-2,119.49	-9,202.86	9,405.71	9,379.33	26.38	356.534		
2,200.00	2,093.05	4,028.68	3,952.36	12.53	17.69	-69.18	-2,123.55	-9,194.36	9,365.69	9,338.34	27.35	342.442		
2,300.00	2,182.58	4,051.00	3,973.83	13.40	17.82	-69.27	-2,126.18	-9,188.84	9,326.32	9,298.04	28.28	329.822		
2,400.00	2,272.11	4,102.21	4,023.15	14.28	18.11	-69.47	-2,132.09	-9,176.42	9,287.52	9,258.18	29.34	316.538		
2,500.00	2,361.63	4,144.00	4,063.49	15.16	18.35	-69.63	-2,136.77	-9,166.53	9,249.35	9,218.98	30.37	304.535		
2,600.00	2,451.16	4,271.64	4,186.69	16.04	19.08	-70.13	-2,150.89	-9,136.27	9,211.49	9,179.70	31.79	289.726		
2,700.00	2,540.69	4,359.15	4,270.90	16.92	19.58	-70.47	-2,161.19	-9,114.82	9,173.43	9,140.38	33.05	277.557		
2,800.00	2,630.22	4,395.86	4,306.27	17.81	19.80	-70.62	-2,165.44	-9,105.97	9,135.96	9,101.87	34.09	268.023		
2,900.00	2,719.75	2,900.00	4,422.54	18.70	11.17	-71.10	-2,179.10	-9,076.79	9,098.68	9,071.08	27.60	329.705		
3,000.00	2,809.28	4,573.48	4,477.35	19.58	20.83	-71.33	-2,185.65	-9,062.71	9,061.49	9,024.84	36.65	247.232		
3,100.00	2,898.80	4,613.00	4,515.49	20.47	21.05	-71.49	-2,190.04	-9,053.35	9,025.15	8,987.43	37.72	239.248		
3,200.00	2,988.33	4,643.64	4,545.08	21.36	21.23	-71.61	-2,193.48	-9,046.21	8,989.47	8,950.71	38.76	231.922		
3,300.00	3,077.86	4,697.36	4,596.93	22.26	21.54	-71.83	-2,199.92	-9,033.69	8,954.35	8,914.44	39.91	224.363		
3,400.00	3,167.39	4,707.00	4,606.22	23.15	21.59	-71.87	-2,201.13	-9,031.44	8,919.91	8,879.05	40.86	218.279		
3,500.00	3,256.92	4,745.82	4,643.72	24.04	21.81	-72.02	-2,205.95	-9,022.62	8,886.16	8,844.21	41.96	211.793		
3,600.00	3,346.44	4,767.53	4,664.75	24.93	21.93	-72.11	-2,208.58	-9,017.90	8,853.29	8,810.31	42.98	206.005		
3,700.00	3,435.97	4,801.00	4,697.25	25.83	22.12	-72.25	-2,212.53	-9,010.94	8,821.26	8,777.21	44.05	200.238		
3,800.00	3,525.50	4,801.00	4,697.25	26.72	22.12	-72.25	-2,212.53	-9,010.94	8,790.03	8,745.05	44.98	195.412		
3,900.00	3,615.03	4,801.00	4,697.25	27.62	22.12	-72.25	-2,212.53	-9,010.94	8,759.84	8,713.92	45.91	190.792		
4,000.00	3,704.56	4,851.90	4,746.85	28.51	22.38	-72.45	-2,218.29	-9,001.12	8,730.12	8,683.05	47.07	185.466		
4,100.00	3,794.09	4,895.00	4,789.03	29.41	22.60	-72.62	-2,222.94	-8,993.56	8,701.57	8,653.37	48.20	180.534		
4,200.00	3,883.61	4,895.00	4,789.03	30.30	22.60	-72.62	-2,222.94	-8,993.56	8,673.68	8,624.54	49.14	176.511		
4,300.00	3,973.14	4,300.00	4,888.30	31.20	19.71	-73.01	-2,232.44	-8,976.79	8,646.26	8,598.91	47.36	182.579		
4,400.00	4,062.67	5,029.33	4,920.98	32.10	23.25	-73.13	-2,235.05	-8,971.54	8,619.38	8,567.79	51.59	167.086		
4,500.00	4,152.20	5,082.00	4,972.90	32.99	23.50	-73.33	-2,239.21	-8,963.73	8,593.42	8,540.67	52.75	162.914		
4,600.00	4,241.73	5,082.00	4,972.90	33.89	23.50	-73.33	-2,239.21	-8,963.73	8,568.09	8,514.39	53.70	159.554		
4,700.00	4,331.26	5,121.43	5,011.85	34.79	23.67	-73.48	-2,242.17	-8,958.33	8,543.63	8,488.83	54.81	155.889		
4,800.00	4,420.78	5,176.00	5,065.86	35.69	23.91	-73.68	-2,245.93	-8,951.48	8,520.03	8,464.05	55.97	152.218		
4,900.00	4,510.31	5,176.00	5,065.86	36.58	23.91	-73.68	-2,245.93	-8,951.48	8,497.10	8,440.17	56.93	149.260		
5,000.00	4,599.84	5,221.80	5,111.27	37.48	24.10	-73.84	-2,248.81	-8,946.27	8,474.98	8,416.93	58.05	145.984		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	5,271.00	5,160.13	38.38	24.30	-74.02	-2,251.68	-8,941.24	8,453.72	8,394.53	59.19	142.812		
5,200.00	4,778.90	5,271.00	5,160.13	39.28	24.30	-74.02	-2,251.68	-8,941.24	8,433.23	8,373.08	60.15	140.200		
5,300.00	4,868.42	5,321.66	5,210.50	40.18	24.49	-74.19	-2,254.43	-8,936.66	8,413.49	8,352.20	61.29	137.274		
5,400.00	4,957.95	5,365.00	5,253.65	41.07	24.65	-74.34	-2,256.63	-8,933.23	8,394.62	8,332.22	62.40	134.524		
5,500.00	5,047.48	5,396.95	5,285.49	41.97	24.77	-74.45	-2,258.17	-8,930.94	8,376.51	8,313.04	63.47	131.976		
5,600.00	5,137.01	5,442.82	5,331.20	42.87	24.94	-74.61	-2,260.30	-8,927.90	8,359.10	8,294.51	64.59	129.425		
5,700.00	5,226.54	5,488.42	5,376.68	43.77	25.10	-74.77	-2,262.30	-8,925.18	8,342.38	8,276.69	65.70	126.979		
5,800.00	5,316.07	5,534.01	5,422.17	44.67	25.25	-74.92	-2,264.19	-8,922.76	8,326.36	8,259.55	66.81	124.628		
5,900.00	5,405.59	5,580.38	5,468.45	45.57	25.41	-75.08	-2,265.98	-8,920.62	8,311.04	8,243.12	67.92	122.366		
6,000.00	5,495.12	5,627.55	5,515.56	46.47	25.56	-75.23	-2,267.58	-8,918.82	8,296.40	8,227.37	69.03	120.188		
6,100.00	5,584.65	5,674.02	5,561.99	47.37	25.71	-75.38	-2,268.88	-8,917.44	8,282.45	8,212.32	70.13	118.103		
6,200.00	5,674.18	5,720.13	5,608.08	48.27	25.85	-75.53	-2,269.79	-8,916.55	8,269.19	8,197.97	71.22	116.103		
6,300.00	5,763.71	5,774.74	5,662.68	49.16	26.01	-75.70	-2,270.42	-8,916.04	8,256.60	8,184.27	72.34	114.140		
6,400.00	5,853.23	5,837.47	5,725.41	50.06	26.19	-75.89	-2,271.07	-8,915.73	8,244.56	8,171.08	73.47	112.213		
6,500.00	5,942.76	5,959.49	5,847.42	50.96	26.53	-76.27	-2,271.58	-8,915.34	8,232.58	8,157.79	74.78	110.085		
6,600.00	6,032.29	6,026.00	5,913.94	51.86	26.72	-76.47	-2,271.80	-8,915.20	8,220.91	8,144.98	75.93	108.271		
6,700.00	6,121.82	6,119.28	6,007.21	52.76	26.98	-76.76	-2,272.27	-8,915.05	8,209.57	8,132.42	77.16	106.403		
6,800.00	6,211.35	6,197.46	6,085.39	53.66	27.20	-77.00	-2,272.71	-8,914.91	8,198.50	8,120.16	78.34	104.655		
6,900.00	6,300.88	6,272.24	6,160.17	54.56	27.41	-77.23	-2,273.17	-8,914.90	8,187.79	8,108.28	79.51	102.982		
7,000.00	6,390.40	6,353.57	6,241.51	55.46	27.63	-77.48	-2,273.53	-8,915.12	8,177.46	8,096.77	80.69	101.344		
7,100.00	6,479.90	6,442.39	6,330.33	56.36	27.87	-76.12	-2,273.89	-8,915.41	8,167.29	8,085.40	81.90	99.729		
7,200.00	6,565.62	6,532.63	6,420.56	57.41	28.11	-66.44	-2,274.24	-8,915.72	8,148.26	8,065.04	83.22	97.914		
7,300.00	6,643.25	6,615.57	6,503.50	58.67	28.34	-62.05	-2,274.47	-8,915.95	8,115.03	8,030.34	84.69	95.821		
7,400.00	6,710.45	6,675.75	6,563.68	60.11	28.50	-61.21	-2,274.76	-8,916.07	8,068.82	7,982.59	86.23	93.577		
7,500.00	6,765.16	6,737.77	6,625.70	61.71	28.68	-63.43	-2,275.13	-8,916.16	8,011.10	7,923.24	87.86	91.184		
7,600.00	6,805.74	6,786.45	6,674.38	63.40	28.81	-68.62	-2,275.32	-8,916.23	7,943.60	7,854.12	89.48	88.773		
7,700.00	6,830.93	6,812.43	6,700.36	65.14	28.89	-77.05	-2,275.42	-8,916.25	7,868.44	7,777.41	91.02	86.445		
7,800.00	6,839.98	6,822.03	6,709.96	66.86	28.92	-89.02	-2,275.45	-8,916.26	7,787.87	7,695.43	92.44	84.248		
7,900.00	6,840.00	6,822.10	6,710.03	68.58	28.92	-89.73	-2,275.45	-8,916.26	7,705.42	7,611.63	93.79	82.159		
8,000.00	6,840.00	6,822.15	6,710.08	70.35	28.92	-89.73	-2,275.45	-8,916.26	7,623.38	7,528.21	95.17	80.100		
8,100.00	6,840.00	6,822.20	6,710.13	72.18	28.92	-89.73	-2,275.46	-8,916.26	7,541.78	7,445.18	96.60	78.069		
8,200.00	6,840.00	6,822.25	6,710.18	74.06	28.92	-89.73	-2,275.46	-8,916.26	7,460.63	7,362.55	98.08	76.069		
8,300.00	6,840.00	6,822.30	6,710.23	75.98	28.92	-89.73	-2,275.46	-8,916.26	7,379.94	7,280.34	99.59	74.101		
8,400.00	6,840.00	6,822.35	6,710.28	77.96	28.92	-89.73	-2,275.46	-8,916.26	7,299.72	7,198.57	101.15	72.165		
8,500.00	6,840.00	6,822.40	6,710.33	79.97	28.92	-89.73	-2,275.46	-8,916.26	7,220.00	7,117.25	102.76	70.262		
8,600.00	6,840.00	6,822.45	6,710.38	82.03	28.92	-89.73	-2,275.46	-8,916.26	7,140.79	7,036.39	104.41	68.393		
8,700.00	6,840.00	6,822.50	6,710.43	84.12	28.92	-89.73	-2,275.46	-8,916.26	7,062.11	6,956.01	106.10	66.559		
8,800.00	6,840.00	6,822.55	6,710.47	86.25	28.92	-89.73	-2,275.46	-8,916.26	6,983.98	6,876.14	107.84	64.760		
8,900.00	6,840.00	6,822.60	6,710.52	88.41	28.92	-89.73	-2,275.46	-8,916.26	6,906.41	6,796.78	109.63	62.997		
9,000.00	6,840.00	6,822.64	6,710.57	90.60	28.92	-89.73	-2,275.46	-8,916.26	6,829.42	6,717.96	111.46	61.270		
9,100.00	6,840.00	6,822.69	6,710.62	92.82	28.92	-89.73	-2,275.46	-8,916.26	6,753.03	6,639.69	113.35	59.579		
9,200.00	6,840.00	6,822.74	6,710.67	95.07	28.92	-89.73	-2,275.46	-8,916.26	6,677.27	6,562.00	115.27	57.926		
9,300.00	6,840.00	6,822.79	6,710.71	97.34	28.92	-89.73	-2,275.46	-8,916.26	6,602.16	6,484.91	117.25	56.309		
9,400.00	6,840.00	6,822.83	6,710.76	99.64	28.92	-89.74	-2,275.46	-8,916.26	6,527.71	6,408.44	119.27	54.729		
9,500.00	6,840.00	6,822.88	6,710.81	101.95	28.92	-89.74	-2,275.46	-8,916.26	6,453.95	6,332.61	121.35	53.186		
9,600.00	6,840.00	6,822.93	6,710.85	104.29	28.92	-89.74	-2,275.46	-8,916.26	6,380.91	6,257.44	123.47	51.681		
9,700.00	6,840.00	6,822.97	6,710.90	106.64	28.92	-89.74	-2,275.46	-8,916.26	6,308.60	6,182.97	125.64	50.213		
9,800.00	6,840.00	6,823.02	6,710.95	109.02	28.92	-89.74	-2,275.46	-8,916.26	6,237.07	6,109.21	127.85	48.782		
9,900.00	6,840.00	6,823.07	6,710.99	111.41	28.92	-89.74	-2,275.46	-8,916.26	6,166.32	6,036.20	130.12	47.389		
10,000.00	6,840.00	6,823.11	6,711.04	113.81	28.92	-89.74	-2,275.46	-8,916.26	6,096.39	5,963.95	132.44	46.032		
10,100.00	6,840.00	6,823.16	6,711.08	116.23	28.92	-89.74	-2,275.46	-8,916.26	6,027.31	5,892.51	134.80	44.712		
10,200.00	6,840.00	6,823.20	6,711.13	118.67	28.92	-89.74	-2,275.46	-8,916.26	5,959.11	5,821.90	137.22	43.429		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,823.25	6,711.17	121.11	28.92	-89.74	-2,275.46	-8,916.26	5,891.82	5,752.14	139.68	42.182		
10,400.00	6,840.00	6,823.29	6,711.22	123.57	28.92	-89.74	-2,275.46	-8,916.26	5,825.46	5,683.28	142.19	40.971		
10,500.00	6,840.00	6,823.34	6,711.26	126.04	28.92	-89.74	-2,275.46	-8,916.26	5,760.08	5,615.34	144.74	39.796		
10,600.00	6,840.00	6,823.38	6,711.31	128.52	28.92	-89.74	-2,275.46	-8,916.26	5,695.70	5,548.36	147.34	38.656		
10,700.00	6,840.00	6,823.43	6,711.35	131.01	28.92	-89.74	-2,275.46	-8,916.26	5,632.36	5,482.38	149.99	37.552		
10,800.00	6,840.00	6,823.47	6,711.40	133.51	28.92	-89.74	-2,275.46	-8,916.26	5,570.10	5,417.42	152.68	36.482		
10,900.00	6,840.00	6,823.51	6,711.44	136.02	28.92	-89.74	-2,275.46	-8,916.26	5,508.95	5,353.54	155.41	35.447		
11,000.00	6,840.00	6,823.56	6,711.48	138.53	28.92	-89.74	-2,275.46	-8,916.26	5,448.95	5,290.76	158.19	34.446		
11,100.00	6,840.00	6,823.60	6,711.53	141.06	28.92	-89.75	-2,275.46	-8,916.26	5,390.13	5,229.13	161.00	33.478		
11,200.00	6,840.00	6,823.64	6,711.57	143.59	28.92	-89.75	-2,275.46	-8,916.26	5,332.55	5,168.69	163.86	32.544		
11,300.00	6,840.00	6,823.69	6,711.61	146.13	28.92	-89.75	-2,275.46	-8,916.26	5,276.23	5,109.48	166.75	31.642		
11,400.00	6,840.00	6,823.73	6,711.66	148.68	28.92	-89.75	-2,275.46	-8,916.26	5,221.21	5,051.54	169.67	30.773		
11,500.00	6,840.00	6,823.77	6,711.70	151.23	28.92	-89.75	-2,275.46	-8,916.26	5,167.55	4,994.93	172.62	29.936		
11,600.00	6,840.00	6,823.82	6,711.74	153.79	28.92	-89.75	-2,275.46	-8,916.26	5,115.28	4,939.68	175.60	29.130		
11,700.00	6,840.00	6,823.86	6,711.79	156.35	28.92	-89.75	-2,275.46	-8,916.26	5,064.44	4,885.84	178.61	28.355		
11,800.00	6,840.00	6,823.90	6,711.83	158.92	28.92	-89.75	-2,275.46	-8,916.26	5,015.08	4,833.45	181.63	27.611		
11,900.00	6,840.00	6,823.94	6,711.87	161.49	28.92	-89.75	-2,275.46	-8,916.26	4,967.25	4,782.58	184.68	26.897		
12,000.00	6,840.00	6,823.99	6,711.91	164.07	28.92	-89.75	-2,275.46	-8,916.26	4,920.98	4,733.25	187.73	26.213		
12,100.00	6,840.00	6,824.03	6,711.95	166.66	28.92	-89.75	-2,275.46	-8,916.26	4,876.33	4,685.53	190.80	25.558		
12,200.00	6,840.00	6,824.07	6,711.99	169.25	28.92	-89.75	-2,275.46	-8,916.26	4,833.33	4,639.46	193.87	24.931		
12,300.00	6,840.00	6,824.11	6,712.04	171.84	28.92	-89.75	-2,275.46	-8,916.26	4,792.03	4,595.10	196.94	24.333		
12,400.00	6,840.00	6,824.15	6,712.08	174.44	28.92	-89.75	-2,275.46	-8,916.26	4,752.48	4,552.48	200.00	23.762		
12,500.00	6,840.00	6,824.19	6,712.12	177.04	28.92	-89.75	-2,275.46	-8,916.26	4,714.72	4,511.67	203.06	23.219		
12,600.00	6,840.00	6,824.23	6,712.16	179.64	28.92	-89.75	-2,275.46	-8,916.26	4,678.79	4,472.70	206.09	22.702		
12,700.00	6,840.00	6,824.27	6,712.20	182.25	28.92	-89.75	-2,275.46	-8,916.26	4,644.74	4,435.63	209.11	22.212		
12,800.00	6,840.00	6,824.31	6,712.24	184.86	28.92	-89.75	-2,275.46	-8,916.26	4,612.60	4,400.51	212.09	21.748		
12,900.00	6,840.00	6,824.35	6,712.28	187.47	28.92	-89.76	-2,275.46	-8,916.26	4,582.42	4,367.38	215.04	21.310		
13,000.00	6,840.00	6,824.39	6,712.32	190.09	28.92	-89.76	-2,275.46	-8,916.26	4,554.24	4,336.29	217.95	20.896		
13,100.00	6,840.00	6,824.43	6,712.36	192.71	28.92	-89.76	-2,275.46	-8,916.26	4,528.09	4,307.28	220.81	20.506		
13,200.00	6,840.00	6,824.47	6,712.40	195.34	28.92	-89.76	-2,275.46	-8,916.26	4,504.01	4,280.39	223.62	20.141		
13,300.00	6,840.00	6,824.51	6,712.44	197.96	28.92	-89.76	-2,275.46	-8,916.26	4,482.03	4,255.67	226.37	19.800		
13,400.00	6,840.00	6,824.55	6,712.48	200.59	28.92	-89.76	-2,275.46	-8,916.26	4,462.19	4,233.14	229.05	19.481		
13,500.00	6,840.00	6,824.59	6,712.52	203.22	28.92	-89.76	-2,275.46	-8,916.26	4,444.51	4,212.85	231.66	19.186		
13,600.00	6,840.00	6,824.63	6,712.56	205.85	28.92	-89.76	-2,275.47	-8,916.26	4,429.01	4,194.82	234.19	18.912		
13,700.00	6,840.00	6,824.67	6,712.60	208.49	28.92	-89.76	-2,275.47	-8,916.26	4,415.73	4,179.09	236.63	18.661		
13,800.00	6,840.00	6,824.71	6,712.63	211.13	28.92	-89.76	-2,275.47	-8,916.26	4,404.67	4,165.68	238.99	18.430		
13,900.00	6,840.00	6,824.75	6,712.67	213.77	28.92	-89.76	-2,275.47	-8,916.26	4,395.87	4,154.62	241.25	18.221		
14,000.00	6,840.00	6,824.79	6,712.71	216.41	28.92	-89.76	-2,275.47	-8,916.26	4,389.32	4,145.91	243.41	18.033		
14,100.00	6,840.00	6,824.82	6,712.75	219.06	28.92	-89.76	-2,275.47	-8,916.26	4,385.05	4,139.58	245.47	17.864		
14,200.00	6,840.00	6,824.86	6,712.79	221.70	28.92	-89.76	-2,275.47	-8,916.26	4,383.05	4,135.64	247.41	17.715		
14,237.48	6,840.00	6,824.88	6,712.80	222.69	28.92	-89.76	-2,275.47	-8,916.26	4,382.89	4,134.78	248.12	17.665 CC		
14,300.00	6,840.00	6,824.90	6,712.83	224.35	28.92	-89.76	-2,275.47	-8,916.26	4,383.34	4,134.09	249.25	17.586 ES		
14,400.00	6,840.00	6,824.94	6,712.86	227.00	28.92	-89.76	-2,275.47	-8,916.26	4,385.91	4,134.93	250.97	17.476		
14,500.00	6,840.00	6,824.98	6,712.90	229.65	28.92	-89.76	-2,275.47	-8,916.26	4,390.75	4,138.17	252.58	17.384		
14,600.00	6,840.00	6,825.01	6,712.94	232.30	28.93	-89.76	-2,275.47	-8,916.26	4,397.86	4,143.79	254.07	17.310		
14,700.00	6,840.00	6,825.05	6,712.98	234.96	28.93	-89.76	-2,275.47	-8,916.26	4,407.23	4,151.79	255.44	17.254		
14,800.00	6,840.00	6,825.09	6,713.01	237.61	28.93	-89.76	-2,275.47	-8,916.26	4,418.84	4,162.16	256.69	17.215		
14,900.00	6,840.00	6,825.12	6,713.05	240.27	28.93	-89.77	-2,275.47	-8,916.26	4,432.68	4,174.87	257.82	17.193		
15,000.00	6,840.00	6,825.16	6,713.09	242.93	28.93	-89.77	-2,275.47	-8,916.26	4,448.73	4,189.90	258.83	17.188 SF		
15,100.00	6,840.00	6,825.20	6,713.12	245.59	28.93	-89.77	-2,275.47	-8,916.26	4,466.96	4,207.24	259.72	17.199		
15,200.00	6,840.00	6,825.23	6,713.16	248.25	28.93	-89.77	-2,275.47	-8,916.26	4,487.34	4,226.84	260.50	17.226		
15,300.00	6,840.00	6,825.27	6,713.20	250.92	28.93	-89.77	-2,275.47	-8,916.26	4,509.85	4,248.69	261.16	17.269		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,825.31	6,713.23	253.58	28.93	-89.77	-2,275.47	-8,916.26	4,534.45	4,272.74	261.71	17.326		
15,500.00	6,840.00	6,825.34	6,713.27	256.25	28.93	-89.77	-2,275.47	-8,916.26	4,561.11	4,298.96	262.15	17.399		
15,600.00	6,840.00	6,825.38	6,713.31	258.91	28.93	-89.77	-2,275.47	-8,916.26	4,589.80	4,327.31	262.48	17.486		
15,700.00	6,840.00	6,825.42	6,713.34	261.58	28.93	-89.77	-2,275.47	-8,916.26	4,620.47	4,357.75	262.71	17.587		
15,800.00	6,840.00	6,825.45	6,713.38	264.25	28.93	-89.77	-2,275.47	-8,916.26	4,653.09	4,390.24	262.85	17.703		
15,900.00	6,840.00	6,825.49	6,713.41	266.92	28.93	-89.77	-2,275.47	-8,916.26	4,687.61	4,424.73	262.89	17.831		
16,000.00	6,840.00	6,825.52	6,713.45	269.59	28.93	-89.77	-2,275.47	-8,916.26	4,724.01	4,461.17	262.84	17.973		
16,100.00	6,840.00	6,825.56	6,713.48	272.26	28.93	-89.77	-2,275.47	-8,916.26	4,762.22	4,499.52	262.70	18.128		
16,200.00	6,840.00	6,825.59	6,713.52	274.94	28.93	-89.77	-2,275.47	-8,916.26	4,802.21	4,539.73	262.48	18.295		
16,300.00	6,840.00	6,825.63	6,713.55	277.61	28.93	-89.77	-2,275.47	-8,916.26	4,843.94	4,581.75	262.19	18.475		
16,400.00	6,840.00	6,825.66	6,713.59	280.28	28.93	-89.77	-2,275.47	-8,916.26	4,887.36	4,625.54	261.82	18.667		
16,500.00	6,840.00	6,825.70	6,713.62	282.96	28.93	-89.77	-2,275.47	-8,916.26	4,932.42	4,671.04	261.38	18.871		
16,600.00	6,840.00	6,825.73	6,713.66	285.64	28.93	-89.77	-2,275.47	-8,916.26	4,979.08	4,718.20	260.88	19.086		
16,700.00	6,840.00	6,825.77	6,713.69	288.31	28.93	-89.77	-2,275.47	-8,916.26	5,027.30	4,766.98	260.32	19.312		
16,800.00	6,840.00	6,825.80	6,713.73	290.99	28.93	-89.77	-2,275.47	-8,916.26	5,077.03	4,817.33	259.70	19.549		
16,900.00	6,840.00	6,825.83	6,713.76	293.67	28.93	-89.77	-2,275.47	-8,916.26	5,128.23	4,869.19	259.04	19.797		
17,000.00	6,840.00	6,825.87	6,713.80	296.35	28.93	-89.78	-2,275.47	-8,916.26	5,180.86	4,922.53	258.33	20.056		
17,100.00	6,840.00	6,825.90	6,713.83	299.03	28.93	-89.78	-2,275.47	-8,916.26	5,234.86	4,977.29	257.57	20.324		
17,200.00	6,840.00	6,825.94	6,713.86	301.71	28.93	-89.78	-2,275.47	-8,916.26	5,290.21	5,033.43	256.77	20.603		
17,300.00	6,840.00	6,825.97	6,713.90	304.39	28.93	-89.78	-2,275.47	-8,916.26	5,346.85	5,090.91	255.94	20.891		
17,400.00	6,840.00	6,826.00	6,713.93	307.08	28.93	-89.78	-2,275.47	-8,916.26	5,404.75	5,149.67	255.08	21.189		
17,500.00	6,840.00	6,826.04	6,713.96	309.76	28.93	-89.78	-2,275.47	-8,916.26	5,463.86	5,209.68	254.19	21.496		
17,600.00	6,840.00	6,826.07	6,714.00	312.44	28.93	-89.78	-2,275.47	-8,916.26	5,524.16	5,270.89	253.27	21.812		
17,700.00	6,840.00	6,826.10	6,714.03	315.13	28.93	-89.78	-2,275.47	-8,916.26	5,585.59	5,333.26	252.33	22.136		
17,800.00	6,840.00	6,826.14	6,714.06	317.81	28.93	-89.78	-2,275.47	-8,916.26	5,648.12	5,396.76	251.36	22.470		
17,900.00	6,840.00	6,826.17	6,714.10	320.50	28.93	-89.78	-2,275.47	-8,916.26	5,711.73	5,461.34	250.38	22.812		
18,000.00	6,840.00	6,826.20	6,714.13	323.19	28.93	-89.78	-2,275.47	-8,916.26	5,776.36	5,526.97	249.39	23.162		
18,100.00	6,840.00	6,826.23	6,714.16	325.87	28.93	-89.78	-2,275.47	-8,916.26	5,841.99	5,593.60	248.38	23.520		
18,200.00	6,840.00	6,826.27	6,714.19	328.56	28.93	-89.78	-2,275.47	-8,916.26	5,908.58	5,661.21	247.37	23.886		
18,300.00	6,840.00	6,826.30	6,714.23	331.25	28.93	-89.78	-2,275.47	-8,916.26	5,976.10	5,729.77	246.34	24.260		
18,400.00	6,840.00	6,826.33	6,714.26	333.94	28.93	-89.78	-2,275.47	-8,916.26	6,044.53	5,799.22	245.31	24.641		
18,500.00	6,840.00	6,826.36	6,714.29	336.63	28.93	-89.78	-2,275.47	-8,916.26	6,113.82	5,869.55	244.27	25.029		
18,600.00	6,840.00	6,826.40	6,714.32	339.32	28.93	-89.78	-2,275.47	-8,916.26	6,183.96	5,940.73	243.23	25.425		
18,700.00	6,840.00	6,826.43	6,714.35	342.01	28.93	-89.78	-2,275.47	-8,916.26	6,254.90	6,012.72	242.18	25.827		
18,800.00	6,840.00	6,826.46	6,714.39	344.70	28.93	-89.78	-2,275.47	-8,916.26	6,326.64	6,085.50	241.14	26.236		
18,900.00	6,840.00	6,826.49	6,714.42	347.39	28.93	-89.78	-2,275.47	-8,916.26	6,399.13	6,159.03	240.10	26.652		
19,000.00	6,840.00	6,826.52	6,714.45	350.08	28.93	-89.78	-2,275.47	-8,916.26	6,472.35	6,233.30	239.06	27.075		
19,100.00	6,840.00	6,826.55	6,714.48	352.77	28.93	-89.78	-2,275.47	-8,916.26	6,546.29	6,308.27	238.02	27.503		
19,200.00	6,840.00	6,826.59	6,714.51	355.46	28.93	-89.78	-2,275.47	-8,916.26	6,620.90	6,383.92	236.98	27.938		
19,300.00	6,840.00	6,826.62	6,714.54	358.16	28.93	-89.78	-2,275.47	-8,916.26	6,696.18	6,460.23	235.95	28.379		
19,400.00	6,840.00	6,826.65	6,714.57	360.85	28.93	-89.79	-2,275.47	-8,916.26	6,772.10	6,537.17	234.93	28.826		
19,500.00	6,840.00	6,826.68	6,714.60	363.54	28.93	-89.79	-2,275.47	-8,916.26	6,848.64	6,614.73	233.91	29.279		
19,600.00	6,840.00	6,826.71	6,714.64	366.24	28.93	-89.79	-2,275.47	-8,916.26	6,925.78	6,692.87	232.90	29.737		
19,700.00	6,840.00	6,826.74	6,714.67	368.93	28.93	-89.79	-2,275.47	-8,916.26	7,003.49	6,771.59	231.90	30.201		
19,800.00	6,840.00	6,826.77	6,714.70	371.63	28.93	-89.79	-2,275.47	-8,916.26	7,081.76	6,850.86	230.90	30.670		
19,900.00	6,840.00	6,826.80	6,714.73	374.32	28.93	-89.79	-2,275.47	-8,916.26	7,160.58	6,930.66	229.92	31.144		
20,000.00	6,840.00	6,826.83	6,714.76	377.02	28.93	-89.79	-2,275.47	-8,916.26	7,239.92	7,010.98	228.94	31.624		
20,100.00	6,840.00	6,826.86	6,714.79	379.71	28.93	-89.79	-2,275.47	-8,916.26	7,319.76	7,091.79	227.97	32.108		
20,200.00	6,840.00	6,826.89	6,714.82	382.41	28.93	-89.79	-2,275.47	-8,916.26	7,400.09	7,173.08	227.01	32.598		
20,300.00	6,840.00	6,826.92	6,714.85	385.11	28.93	-89.79	-2,275.47	-8,916.26	7,480.90	7,254.84	226.07	33.092		
20,400.00	6,840.00	6,826.95	6,714.88	387.80	28.93	-89.79	-2,275.47	-8,916.26	7,562.17	7,337.04	225.13	33.591		
20,500.00	6,840.00	6,826.98	6,714.91	390.50	28.93	-89.79	-2,275.47	-8,916.26	7,643.88	7,419.68	224.20	34.094		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,600.00	6,840.00	6,827.01	6,714.94	393.20	28.93	-89.79	-2,275.47	-8,916.26	7,726.02	7,502.74	223.28	34.602	
20,691.67	6,840.00	6,827.04	6,714.96	395.67	28.93	-89.79	-2,275.48	-8,916.26	7,801.68	7,579.23	222.45	35.072	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-118.96	-2,871.99	-5,188.98	5,931.05					
100.00	100.00	48.37	48.37	0.13	0.06	-118.96	-2,872.02	-5,188.93	5,930.73	5,930.54	0.19	N/A		
200.00	200.00	157.78	157.78	0.49	0.36	-118.97	-2,872.13	-5,188.60	5,930.51	5,929.65	0.86	6,917.347		
275.59	275.59	216.59	216.59	0.76	0.57	-118.97	-2,872.11	-5,188.47	5,930.37	5,929.03	1.33	4,447.854		
300.00	300.00	233.26	233.26	0.85	0.63	-118.97	-2,872.09	-5,188.49	5,930.38	5,928.90	1.48	4,011.981		
400.00	399.98	335.87	335.87	1.21	0.98	-74.36	-2,872.06	-5,188.81	5,930.17	5,927.99	2.19	2,708.925		
500.00	499.84	455.46	455.46	1.57	1.40	-74.45	-2,872.29	-5,188.53	5,928.65	5,925.68	2.97	1,996.145		
600.00	599.45	534.86	534.86	1.94	1.68	-74.56	-2,872.49	-5,188.34	5,926.22	5,922.60	3.62	1,637.439		
700.00	698.70	669.31	669.31	2.32	2.16	-74.78	-2,872.96	-5,187.89	5,922.89	5,918.41	4.48	1,322.200		
800.00	797.47	786.53	786.52	2.73	2.58	-75.05	-2,872.98	-5,186.86	5,917.98	5,912.68	5.30	1,116.892		
900.00	895.62	866.38	866.37	3.16	2.86	-75.30	-2,872.67	-5,186.39	5,912.31	5,906.30	6.01	983.754		
1,000.00	993.06	939.96	939.95	3.63	3.12	-75.58	-2,872.64	-5,186.20	5,906.25	5,899.52	6.73	877.332		
1,100.00	1,089.64	1,077.82	1,077.81	4.14	3.61	-76.05	-2,872.47	-5,185.49	5,899.16	5,891.43	7.72	763.990		
1,200.00	1,185.27	1,191.99	1,191.97	4.70	4.01	-76.53	-2,872.01	-5,184.49	5,890.93	5,882.26	8.67	679.526		
1,300.00	1,279.82	1,290.23	1,290.20	5.30	4.36	-77.02	-2,871.67	-5,183.36	5,881.85	5,872.24	9.61	612.088		
1,400.00	1,373.17	1,440.22	1,440.16	5.96	4.90	-77.74	-2,871.71	-5,180.24	5,871.56	5,860.77	10.79	544.309		
1,500.00	1,465.21	1,513.24	1,513.16	6.67	5.16	-78.24	-2,872.02	-5,178.34	5,860.60	5,848.85	11.75	498.863		
1,600.00	1,555.84	1,573.52	1,573.42	7.44	5.38	-78.72	-2,872.43	-5,176.97	5,849.62	5,836.89	12.72	459.771		
1,700.00	1,645.41	1,626.92	1,626.81	8.26	5.57	-79.00	-2,872.90	-5,176.03	5,838.96	5,825.24	13.72	425.580		
1,800.00	1,734.94	1,687.00	1,686.88	9.09	5.78	-79.27	-2,873.44	-5,175.48	5,829.22	5,814.46	14.76	394.937		
1,900.00	1,824.47	1,735.38	1,735.26	9.94	5.95	-79.48	-2,873.83	-5,175.40	5,820.34	5,804.57	15.77	369.174		
2,000.00	1,913.99	1,782.00	1,781.88	10.80	6.11	-79.68	-2,874.11	-5,175.62	5,812.28	5,795.51	16.78	346.468		
2,100.00	2,003.52	2,679.29	2,674.61	11.66	9.25	-83.19	-2,808.73	-5,163.10	5,802.81	5,782.23	20.58	281.974		
2,200.00	2,093.05	2,754.67	2,749.23	12.53	9.53	-83.49	-2,799.38	-5,158.12	5,783.28	5,761.56	21.71	266.369		
2,300.00	2,182.58	2,852.78	2,846.31	13.40	9.90	-83.86	-2,786.54	-5,151.98	5,763.90	5,740.97	22.92	251.432		
2,400.00	2,272.11	2,924.00	2,916.73	14.28	10.18	-84.13	-2,776.63	-5,148.16	5,744.99	5,720.93	24.06	238.796		
2,500.00	2,361.63	3,001.57	2,993.41	15.16	10.48	-84.42	-2,765.53	-5,144.50	5,726.59	5,701.37	25.22	227.072		
2,600.00	2,451.16	3,075.32	3,066.32	16.04	10.76	-84.69	-2,754.94	-5,141.21	5,708.59	5,682.22	26.37	216.454		
2,700.00	2,540.69	3,154.20	3,144.32	16.92	11.07	-84.98	-2,743.62	-5,138.02	5,691.11	5,663.57	27.55	206.587		
2,800.00	2,630.22	3,233.19	3,222.45	17.81	11.38	-85.27	-2,732.36	-5,134.89	5,673.99	5,645.27	28.73	197.510		
2,900.00	2,719.75	3,302.00	3,290.56	18.70	11.65	-85.53	-2,723.01	-5,132.17	5,657.47	5,627.59	29.88	189.354		
3,000.00	2,809.28	3,366.35	3,354.33	19.58	11.91	-85.78	-2,714.76	-5,129.62	5,641.58	5,610.56	31.02	181.894		
3,100.00	2,898.80	3,586.34	3,572.20	20.47	12.78	-86.66	-2,686.86	-5,117.65	5,624.76	5,592.12	32.64	172.309		
3,200.00	2,988.33	3,747.93	3,732.01	21.36	13.43	-87.33	-2,666.58	-5,105.06	5,606.67	5,572.60	34.08	164.519		
3,300.00	3,077.86	3,818.75	3,802.01	22.26	13.71	-87.62	-2,657.45	-5,099.37	5,588.62	5,553.38	35.24	158.568		
3,400.00	3,167.39	3,870.00	3,852.67	23.15	13.92	-87.83	-2,650.53	-5,095.83	5,571.34	5,534.99	36.35	153.256		
3,500.00	3,256.92	3,911.70	3,893.90	24.04	14.09	-88.00	-2,644.67	-5,093.57	5,555.05	5,517.62	37.44	148.386		
3,600.00	3,346.44	3,964.00	3,945.59	24.93	14.31	-88.20	-2,636.96	-5,091.85	5,539.96	5,501.41	38.55	143.698		
3,700.00	3,435.97	3,990.96	3,972.24	25.83	14.42	-88.30	-2,632.90	-5,091.37	5,525.89	5,486.30	39.59	139.574		
3,800.00	3,525.50	4,035.06	4,015.84	26.72	14.59	-88.46	-2,626.30	-5,090.96	5,512.91	5,472.23	40.68	135.510		
3,900.00	3,615.03	4,118.72	4,098.57	27.62	14.93	-88.76	-2,613.89	-5,090.91	5,500.81	5,458.91	41.90	131.278		
4,000.00	3,704.56	4,261.04	4,239.30	28.51	15.51	-89.28	-2,592.71	-5,089.81	5,488.45	5,445.14	43.31	126.725		
4,100.00	3,794.09	4,332.47	4,309.93	29.41	15.80	-89.54	-2,582.00	-5,089.16	5,476.09	5,431.60	44.49	123.078		
4,200.00	3,883.61	4,531.58	4,506.80	30.30	16.61	-90.30	-2,552.59	-5,085.24	5,463.63	5,417.56	46.07	118.592		
4,300.00	3,973.14	4,668.05	4,641.76	31.20	17.18	-90.85	-2,533.36	-5,078.81	5,449.70	5,402.26	47.44	114.868		
4,400.00	4,062.67	4,756.70	4,729.40	32.10	17.55	-91.22	-2,520.99	-5,073.83	5,435.51	5,386.84	48.67	111.671		
4,500.00	4,152.20	4,815.00	4,787.06	32.99	17.79	-91.46	-2,512.84	-5,070.98	5,422.07	5,372.25	49.82	108.838		
4,600.00	4,241.73	4,894.51	4,865.73	33.89	18.12	-91.78	-2,501.89	-5,067.39	5,409.27	5,358.25	51.02	106.018		
4,700.00	4,331.26	5,007.28	4,977.35	34.79	18.59	-92.26	-2,486.92	-5,061.69	5,396.71	5,344.39	52.32	103.149		
4,800.00	4,420.78	5,086.12	5,055.39	35.69	18.91	-92.59	-2,476.53	-5,057.49	5,384.32	5,330.80	53.52	100.605		
4,900.00	4,510.31	5,181.46	5,149.76	36.58	19.31	-92.99	-2,463.93	-5,052.57	5,372.29	5,317.53	54.76	98.097		
5,000.00	4,599.84	5,294.91	5,262.07	37.48	19.78	-93.48	-2,449.21	-5,046.04	5,360.32	5,304.26	56.06	95.621		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	5,288.00	5,255.23	38.38	19.75	-93.45	-2,450.10	-5,046.47	5,349.33	5,292.32	57.01	93.828		
5,200.00	4,778.90	5,328.94	5,295.82	39.28	19.91	-93.63	-2,445.16	-5,044.41	5,339.48	5,281.38	58.09	91.911		
5,300.00	4,868.42	5,382.00	5,348.58	40.18	20.12	-93.86	-2,439.75	-5,043.10	5,331.80	5,272.59	59.21	90.053		
5,400.00	4,957.95	5,382.00	5,348.58	41.07	20.12	-93.86	-2,439.75	-5,043.10	5,324.77	5,264.62	60.15	88.521		
5,500.00	5,047.48	5,382.00	5,348.58	41.97	20.12	-93.86	-2,439.75	-5,043.10	5,319.62	5,258.54	61.08	87.091		
5,600.00	5,137.01	5,382.00	5,348.58	42.87	20.12	-93.86	-2,439.75	-5,043.10	5,316.34	5,254.35	61.99	85.758		
5,700.00	5,226.54	5,431.97	5,398.40	43.77	20.30	-94.07	-2,435.89	-5,042.98	5,313.93	5,250.87	63.06	84.265		
5,800.00	5,316.07	5,477.00	5,443.37	44.67	20.47	-94.27	-2,433.61	-5,043.54	5,313.60	5,249.50	64.11	82.885		
5,811.17	5,326.07	5,477.00	5,443.37	44.77	20.47	-94.27	-2,433.61	-5,043.54	5,313.59	5,249.39	64.21	82.758		
5,900.00	5,405.59	5,477.00	5,443.37	45.57	20.47	-94.27	-2,433.61	-5,043.54	5,314.34	5,249.36	64.98	81.785		
6,000.00	5,495.12	5,512.71	5,479.05	46.47	20.58	-94.43	-2,432.55	-5,044.11	5,316.68	5,250.72	65.96	80.602		
6,100.00	5,584.65	5,571.00	5,537.34	47.37	20.77	-94.70	-2,432.06	-5,044.54	5,320.28	5,253.26	67.02	79.384		
6,200.00	5,674.18	5,647.70	5,614.04	48.27	21.02	-95.07	-2,432.29	-5,044.59	5,324.69	5,256.55	68.14	78.146		
6,300.00	5,763.71	5,735.71	5,702.05	49.16	21.30	-95.49	-2,432.31	-5,044.53	5,329.25	5,259.96	69.30	76.906		
6,400.00	5,853.23	5,820.16	5,786.50	50.06	21.57	-95.89	-2,432.33	-5,044.65	5,334.30	5,263.87	70.43	75.736		
6,500.00	5,942.76	5,911.52	5,877.85	50.96	21.86	-96.33	-2,432.38	-5,044.81	5,339.75	5,268.16	71.59	74.585		
6,600.00	6,032.29	6,005.45	5,971.78	51.86	22.17	-96.77	-2,432.34	-5,044.95	5,345.49	5,272.73	72.76	73.464		
6,700.00	6,121.82	6,095.96	6,062.30	52.76	22.46	-97.20	-2,432.32	-5,044.99	5,351.55	5,277.63	73.92	72.395		
6,800.00	6,211.35	6,181.94	6,148.28	53.66	22.74	-97.61	-2,432.25	-5,045.13	5,357.99	5,282.93	75.06	71.385		
6,900.00	6,300.88	6,271.21	6,237.55	54.56	23.03	-98.03	-2,432.26	-5,045.29	5,364.86	5,288.66	76.20	70.406		
7,000.00	6,390.40	6,327.00	6,293.34	55.46	23.21	-98.29	-2,432.22	-5,045.37	5,372.14	5,294.93	77.21	69.580		
7,100.00	6,479.90	6,374.18	6,340.51	56.36	23.37	-96.74	-2,432.00	-5,046.29	5,380.37	5,302.19	78.18	68.820		
7,200.00	6,565.62	6,421.00	6,387.25	57.41	23.52	-85.80	-2,431.41	-5,048.92	5,383.19	5,303.89	79.30	67.887		
7,300.00	6,643.25	6,421.00	6,387.25	58.67	23.52	-79.73	-2,431.41	-5,048.92	5,376.16	5,295.72	80.44	66.836		
7,400.00	6,710.45	6,421.00	6,387.25	60.11	23.52	-76.89	-2,431.41	-5,048.92	5,360.01	5,278.23	81.78	65.542		
7,500.00	6,765.16	6,457.08	6,423.13	61.71	23.63	-76.64	-2,430.77	-5,052.57	5,334.55	5,251.08	83.47	63.912		
7,600.00	6,805.74	6,467.94	6,433.89	63.40	23.67	-78.04	-2,430.55	-5,054.05	5,301.23	5,216.06	85.16	62.249		
7,700.00	6,830.93	6,476.31	6,442.16	65.14	23.69	-81.05	-2,430.37	-5,055.30	5,260.73	5,173.82	86.92	60.525		
7,800.00	6,839.98	6,516.00	6,481.14	66.86	23.82	-85.94	-2,429.46	-5,062.67	5,214.72	5,125.87	88.85	58.690		
7,900.00	6,840.00	6,516.00	6,481.14	68.58	23.82	-86.20	-2,429.46	-5,062.67	5,165.92	5,075.34	90.58	57.029		
8,000.00	6,840.00	6,516.00	6,481.14	70.35	23.82	-86.20	-2,429.46	-5,062.67	5,118.61	5,026.24	92.36	55.418		
8,100.00	6,840.00	6,516.00	6,481.14	72.18	23.82	-86.20	-2,429.46	-5,062.67	5,072.82	4,978.63	94.19	53.858		
8,200.00	6,840.00	6,516.00	6,481.14	74.06	23.82	-86.20	-2,429.46	-5,062.67	5,028.60	4,932.54	96.06	52.351		
8,300.00	6,840.00	6,516.00	6,481.14	75.98	23.82	-86.20	-2,429.46	-5,062.67	4,986.00	4,888.03	97.96	50.897		
8,400.00	6,840.00	6,516.00	6,481.14	77.96	23.82	-86.20	-2,429.46	-5,062.67	4,945.05	4,845.14	99.91	49.497		
8,500.00	6,840.00	6,516.00	6,481.14	79.97	23.82	-86.20	-2,429.46	-5,062.67	4,905.80	4,803.92	101.88	48.151		
8,600.00	6,840.00	6,516.00	6,481.14	82.03	23.82	-86.20	-2,429.46	-5,062.67	4,868.29	4,764.40	103.89	46.860		
8,700.00	6,840.00	6,516.00	6,481.14	84.12	23.82	-86.20	-2,429.46	-5,062.67	4,832.55	4,726.63	105.93	45.622		
8,800.00	6,840.00	6,516.00	6,481.14	86.25	23.82	-86.20	-2,429.46	-5,062.67	4,798.64	4,690.65	107.98	44.439		
8,900.00	6,840.00	6,516.00	6,481.14	88.41	23.82	-86.20	-2,429.46	-5,062.67	4,766.58	4,656.52	110.06	43.309		
9,000.00	6,840.00	6,516.00	6,481.14	90.60	23.82	-86.20	-2,429.46	-5,062.67	4,736.41	4,624.26	112.15	42.233		
9,100.00	6,840.00	6,516.00	6,481.14	92.82	23.82	-86.20	-2,429.46	-5,062.67	4,708.18	4,593.93	114.25	41.208		
9,200.00	6,840.00	6,516.00	6,481.14	95.07	23.82	-86.20	-2,429.46	-5,062.67	4,681.91	4,565.55	116.36	40.235		
9,300.00	6,840.00	6,516.00	6,481.14	97.34	23.82	-86.20	-2,429.46	-5,062.67	4,657.64	4,539.17	118.48	39.313		
9,400.00	6,840.00	6,516.00	6,481.14	99.64	23.82	-86.20	-2,429.46	-5,062.67	4,635.41	4,514.82	120.59	38.440		
9,500.00	6,840.00	6,555.22	6,519.23	101.95	23.92	-86.69	-2,429.04	-5,071.98	4,614.33	4,491.38	122.96	37.528		
9,600.00	6,840.00	6,560.15	6,523.99	104.29	23.94	-86.75	-2,429.06	-5,073.28	4,596.02	4,470.93	125.09	36.742		
9,700.00	6,840.00	6,565.29	6,528.95	106.64	23.95	-86.81	-2,429.11	-5,074.66	4,579.79	4,452.58	127.21	36.001		
9,800.00	6,840.00	6,570.67	6,534.12	109.02	23.97	-86.87	-2,429.18	-5,076.13	4,565.67	4,436.35	129.32	35.305		
9,900.00	6,840.00	6,610.00	6,571.62	111.41	24.08	-87.35	-2,430.31	-5,087.91	4,554.27	4,422.63	131.65	34.594		
10,000.00	6,840.00	6,610.00	6,571.62	113.81	24.08	-87.35	-2,430.31	-5,087.91	4,544.20	4,410.52	133.68	33.994		
10,100.00	6,840.00	6,610.00	6,571.62	116.23	24.08	-87.35	-2,430.31	-5,087.91	4,536.30	4,400.63	135.67	33.435		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,200.00	6,840.00	6,610.00	6,571.62	118.67	24.08	-87.35	-2,430.31	-5,087.91	4,530.60	4,392.96	137.64	32.917		
10,300.00	6,840.00	6,610.00	6,571.62	121.11	24.08	-87.35	-2,430.31	-5,087.91	4,527.10	4,387.54	139.56	32.438		
10,400.00	6,840.00	6,610.00	6,571.62	123.57	24.08	-87.35	-2,430.31	-5,087.91	4,525.81	4,384.36	141.44	31.997		
10,408.49	6,840.00	6,610.00	6,571.62	123.78	24.08	-87.35	-2,430.31	-5,087.91	4,525.80	4,384.20	141.60	31.962 CC		
10,500.00	6,840.00	6,610.00	6,571.62	126.04	24.08	-87.35	-2,430.31	-5,087.91	4,526.72	4,383.44	143.28	31.594		
10,600.00	6,840.00	6,610.00	6,571.62	128.52	24.08	-87.35	-2,430.31	-5,087.91	4,529.85	4,384.78	145.07	31.226		
10,700.00	6,840.00	6,610.00	6,571.62	131.01	24.08	-87.35	-2,430.31	-5,087.91	4,535.18	4,388.37	146.80	30.893		
10,800.00	6,840.00	6,643.39	6,602.89	133.51	24.15	-87.74	-2,432.13	-5,099.47	4,542.25	4,393.47	148.78	30.530		
10,900.00	6,840.00	6,653.87	6,612.56	136.02	24.17	-87.87	-2,432.86	-5,103.43	4,551.66	4,401.15	150.51	30.242		
11,000.00	6,840.00	7,556.00	6,982.65	138.53	30.96	-92.54	-2,448.90	-5,856.04	4,550.80	4,384.29	166.50	27.332		
11,100.00	6,840.00	7,603.41	6,982.90	141.06	31.77	-92.55	-2,447.14	-5,903.42	4,547.52	4,377.94	169.58	26.817		
11,200.00	6,840.00	7,651.00	6,983.19	143.59	32.59	-92.55	-2,445.87	-5,950.98	4,545.35	4,372.71	172.64	26.328		
11,300.00	6,840.00	7,686.41	6,983.41	146.13	33.23	-92.55	-2,445.38	-5,986.39	4,544.47	4,369.03	175.43	25.904		
11,310.41	6,840.00	7,689.93	6,983.44	146.39	33.29	-92.55	-2,445.36	-5,989.91	4,544.46	4,368.74	175.72	25.862		
11,400.00	6,840.00	7,745.00	6,983.79	148.68	34.29	-92.56	-2,445.76	-6,044.98	4,545.24	4,366.44	178.80	25.420		
11,500.00	6,840.00	7,745.00	6,983.79	151.23	34.29	-92.56	-2,445.76	-6,044.98	4,547.10	4,366.50	180.61	25.177		
11,600.00	6,840.00	7,813.19	6,984.23	153.79	35.60	-92.56	-2,447.50	-6,113.14	4,550.21	4,365.95	184.26	24.694		
11,700.00	6,840.00	7,878.02	6,984.66	156.35	36.87	-92.57	-2,449.88	-6,177.93	4,554.31	4,366.46	187.85	24.244		
11,800.00	6,840.00	7,951.94	6,985.16	158.92	38.36	-92.57	-2,453.01	-6,251.77	4,559.01	4,367.28	191.74	23.778		
11,900.00	6,840.00	8,029.00	6,985.49	161.49	39.96	-92.57	-2,456.80	-6,328.74	4,564.35	4,368.60	195.76	23.317		
12,000.00	6,840.00	8,162.94	6,985.75	164.07	42.85	-92.57	-2,463.36	-6,462.52	4,569.77	4,368.15	201.62	22.666		
12,100.00	6,840.00	8,596.00	6,986.71	166.66	52.85	-92.58	-2,465.23	-6,895.36	4,569.88	4,352.95	216.93	21.066		
12,200.00	6,840.00	8,679.42	6,987.03	169.25	54.88	-92.59	-2,462.63	-6,978.74	4,567.27	4,345.77	221.50	20.620		
12,300.00	6,840.00	8,744.74	6,987.28	171.84	56.47	-92.59	-2,461.16	-7,044.03	4,565.48	4,339.98	225.50	20.246		
12,400.00	6,840.00	8,806.84	6,987.51	174.44	57.99	-92.59	-2,460.24	-7,106.13	4,564.46	4,335.07	229.39	19.898		
12,461.64	6,840.00	8,841.92	6,987.61	176.04	58.86	-92.59	-2,459.98	-7,141.21	4,564.28	4,332.59	231.69	19.700		
12,500.00	6,840.00	8,863.75	6,987.66	177.04	59.39	-92.60	-2,459.92	-7,163.04	4,564.35	4,331.23	233.12	19.580		
12,600.00	6,840.00	9,046.08	6,987.37	179.64	63.93	-92.59	-2,457.87	-7,345.35	4,563.53	4,322.61	240.92	18.942		
12,700.00	6,840.00	9,133.87	6,987.52	182.25	66.14	-92.59	-2,456.29	-7,433.13	4,562.18	4,316.48	245.70	18.568		
12,800.00	6,840.00	9,233.14	6,987.68	184.86	68.65	-92.60	-2,454.75	-7,532.39	4,561.08	4,310.22	250.86	18.182		
12,900.00	6,840.00	9,307.33	6,987.78	187.47	70.54	-92.60	-2,453.69	-7,606.56	4,560.12	4,304.90	255.21	17.868		
12,979.55	6,840.00	9,359.85	6,987.80	189.56	71.88	-92.60	-2,453.31	-7,659.09	4,559.89	4,301.43	258.46	17.642		
13,000.00	6,840.00	9,375.36	6,987.80	190.09	72.27	-92.60	-2,453.25	-7,674.59	4,559.90	4,300.54	259.37	17.581		
13,100.00	6,840.00	9,446.00	6,987.92	192.71	74.08	-92.60	-2,453.19	-7,745.24	4,560.28	4,296.68	263.60	17.300		
13,200.00	6,840.00	9,495.69	6,988.12	195.34	75.35	-92.60	-2,453.57	-7,794.92	4,561.55	4,294.43	267.12	17.077		
13,300.00	6,840.00	9,545.01	6,988.46	197.96	76.61	-92.61	-2,454.56	-7,844.24	4,563.99	4,293.40	270.59	16.867		
13,400.00	6,840.00	9,714.99	6,989.25	200.59	80.99	-92.61	-2,457.59	-8,014.18	4,566.25	4,288.00	278.25	16.410		
13,500.00	6,840.00	9,812.25	6,989.60	203.22	83.50	-92.62	-2,458.49	-8,111.43	4,567.63	4,284.22	283.41	16.116		
13,600.00	6,840.00	9,949.41	6,990.32	205.85	87.07	-92.63	-2,459.39	-8,248.59	4,568.76	4,278.81	289.95	15.757		
13,700.00	6,840.00	10,082.22	6,991.37	208.49	90.53	-92.64	-2,459.19	-8,381.40	4,569.08	4,272.74	296.35	15.418		
13,800.00	6,840.00	10,323.28	6,992.66	211.13	96.86	-92.66	-2,453.84	-8,622.38	4,567.09	4,260.81	306.28	14.912		
13,900.00	6,840.00	10,391.00	6,993.08	213.77	98.64	-92.66	-2,451.69	-8,690.06	4,564.36	4,253.82	310.54	14.698		
14,000.00	6,840.00	10,501.14	6,993.97	216.41	101.55	-92.68	-2,448.45	-8,800.15	4,561.90	4,245.73	316.18	14.428		
14,100.00	6,840.00	10,580.00	6,994.62	219.06	103.64	-92.69	-2,446.10	-8,878.97	4,559.42	4,238.62	320.81	14.212		
14,200.00	6,840.00	10,612.87	6,994.88	221.70	104.50	-92.69	-2,445.43	-8,911.84	4,557.93	4,234.04	323.90	14.072		
14,245.78	6,840.00	10,626.33	6,994.99	222.91	104.86	-92.69	-2,445.32	-8,925.30	4,557.77	4,232.54	325.24	14.014		
14,300.00	6,840.00	10,642.28	6,995.12	224.35	105.28	-92.69	-2,445.31	-8,941.24	4,558.00	4,231.20	326.80	13.947		
14,400.00	6,840.00	10,675.00	6,995.38	227.00	106.14	-92.70	-2,445.71	-8,973.96	4,559.62	4,229.87	329.75	13.827		
14,500.00	6,840.00	10,738.33	6,995.91	229.65	107.81	-92.70	-2,447.21	-9,037.27	4,562.41	4,228.67	333.75	13.670		
14,600.00	6,840.00	10,813.48	6,996.57	232.30	109.79	-92.71	-2,449.42	-9,112.39	4,565.82	4,227.66	338.16	13.502		
14,700.00	6,840.00	11,036.86	6,998.19	234.96	115.70	-92.73	-2,453.70	-9,335.71	4,568.30	4,220.41	347.89	13.131		
14,800.00	6,840.00	11,147.00	6,998.80	237.61	118.63	-92.73	-2,453.74	-9,445.84	4,568.76	4,215.18	353.58	12.921		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,900.00	6,840.00	11,214.76	6,999.15	240.27	120.43	-92.74	-2,453.90	-9,513.60	4,569.59	4,211.80	357.79	12.772		
15,000.00	6,840.00	11,417.01	7,000.13	242.93	125.81	-92.75	-2,454.55	-9,715.84	4,570.84	4,204.18	366.66	12.466		
15,048.01	6,840.00	15,048.01	7,000.22	244.21	222.58	-92.75	-2,454.31	-9,737.95	4,570.57	4,106.13	464.44	9.841		
15,100.00	6,840.00	11,430.00	7,000.19	245.59	126.15	-92.75	-2,454.38	-9,728.83	4,570.86	4,201.85	369.01	12.387		
15,200.00	6,840.00	11,485.88	7,000.48	248.25	127.64	-92.75	-2,454.41	-9,784.70	4,571.86	4,199.07	372.79	12.264		
15,300.00	6,840.00	11,525.00	7,000.75	250.92	128.68	-92.75	-2,455.47	-9,823.81	4,574.76	4,198.84	375.92	12.169		
15,400.00	6,840.00	11,525.00	7,000.75	253.58	128.68	-92.75	-2,455.47	-9,823.81	4,579.26	4,201.77	377.49	12.131		
15,500.00	6,840.00	11,567.18	7,001.08	256.25	129.80	-92.76	-2,457.60	-9,865.93	4,585.19	4,204.63	380.56	12.049		
15,600.00	6,840.00	12,186.00	7,004.06	258.91	146.29	-92.79	-2,460.93	-10,483.77	4,585.16	4,181.05	404.11	11.346		
15,700.00	6,840.00	12,247.49	7,004.35	261.58	147.94	-92.80	-2,458.00	-10,545.19	4,580.96	4,172.66	408.29	11.220		
15,800.00	6,840.00	12,301.84	7,004.74	264.25	149.40	-92.80	-2,456.08	-10,599.50	4,577.88	4,165.66	412.22	11.106		
15,900.00	6,840.00	12,375.00	7,005.06	266.92	151.36	-92.81	-2,454.13	-10,672.64	4,575.64	4,158.92	416.72	10.980		
16,000.00	6,840.00	12,493.97	7,005.44	269.59	154.56	-92.81	-2,451.04	-10,791.56	4,573.51	4,150.81	422.71	10.820		
16,100.00	6,840.00	12,593.31	7,005.95	272.26	157.23	-92.82	-2,448.03	-10,890.85	4,570.95	4,142.90	428.06	10.678		
16,200.00	6,840.00	12,659.00	7,006.13	274.94	159.00	-92.82	-2,446.31	-10,956.52	4,568.82	4,136.51	432.32	10.568		
16,300.00	6,840.00	12,727.78	7,006.38	277.61	160.85	-92.83	-2,445.00	-11,025.29	4,567.41	4,130.75	436.66	10.460		
16,393.92	6,840.00	12,754.00	7,006.57	280.12	161.55	-92.83	-2,444.66	-11,051.51	4,567.01	4,127.63	439.39	10.394		
16,400.00	6,840.00	12,778.13	7,006.74	280.28	162.20	-92.83	-2,444.47	-11,075.63	4,566.89	4,126.55	440.34	10.371		
16,500.00	6,840.00	12,819.60	7,006.98	282.96	163.31	-92.84	-2,444.58	-11,117.10	4,567.62	4,123.96	443.66	10.295		
16,600.00	6,840.00	12,848.00	7,007.09	285.64	164.08	-92.84	-2,444.97	-11,145.50	4,569.67	4,123.25	446.42	10.236		
16,700.00	6,840.00	12,900.60	7,007.35	288.31	165.48	-92.84	-2,446.36	-11,198.08	4,572.94	4,122.94	450.00	10.162		
16,800.00	6,840.00	12,942.00	7,007.69	290.99	166.59	-92.84	-2,448.09	-11,239.45	4,577.56	4,124.47	453.09	10.103		
16,900.00	6,840.00	12,984.21	7,008.03	293.67	167.72	-92.85	-2,450.38	-11,281.59	4,583.45	4,127.31	456.14	10.048		
17,000.00	6,840.00	13,037.00	7,008.29	296.35	169.12	-92.85	-2,453.97	-11,334.26	4,590.59	4,131.02	459.56	9.989		
17,100.00	6,840.00	13,121.66	7,008.59	299.03	171.37	-92.85	-2,460.29	-11,418.68	4,598.46	4,134.18	464.28	9.904		
17,200.00	6,840.00	13,192.52	7,008.97	301.71	173.25	-92.85	-2,465.71	-11,489.33	4,606.59	4,138.18	468.41	9.835		
17,300.00	6,840.00	13,681.75	7,012.76	304.39	186.35	-92.88	-2,483.26	-11,977.93	4,609.87	4,121.13	488.74	9.432		
17,400.00	6,840.00	13,769.71	7,013.47	307.08	188.72	-92.89	-2,483.06	-12,065.88	4,610.11	4,116.40	493.71	9.338		
17,500.00	6,840.00	13,837.49	7,013.64	309.76	190.55	-92.89	-2,483.12	-12,133.66	4,610.68	4,112.72	497.97	9.259		
17,600.00	6,840.00	13,898.70	7,014.02	312.44	192.20	-92.90	-2,483.72	-12,194.87	4,612.12	4,110.15	501.97	9.188		
17,700.00	6,840.00	13,969.50	7,014.51	315.13	194.10	-92.90	-2,484.91	-12,265.65	4,614.28	4,107.99	506.29	9.114		
17,800.00	6,840.00	14,043.36	7,014.99	317.81	196.09	-92.91	-2,486.61	-12,339.50	4,617.04	4,106.34	510.70	9.041		
17,900.00	6,840.00	14,156.42	7,015.75	320.50	199.13	-92.91	-2,489.53	-12,452.51	4,620.11	4,103.54	516.57	8.944		
18,000.00	6,840.00	14,288.15	7,016.49	323.19	202.68	-92.92	-2,491.92	-12,584.22	4,622.34	4,099.21	523.13	8.836		
18,100.00	6,840.00	14,364.80	7,016.91	325.87	204.74	-92.93	-2,493.35	-12,660.86	4,624.67	4,097.01	527.66	8.765		
18,200.00	6,840.00	14,457.87	7,017.26	328.56	207.25	-92.93	-2,495.42	-12,753.91	4,627.35	4,094.56	532.79	8.685		
18,300.00	6,840.00	14,588.14	7,017.51	331.25	210.76	-92.93	-2,497.57	-12,884.16	4,629.35	4,090.06	539.29	8.584		
18,400.00	6,840.00	15,175.06	7,019.32	333.94	226.60	-92.96	-2,479.37	-13,470.15	4,629.33	4,069.86	559.48	8.274		
18,500.00	6,840.00	15,222.43	7,019.39	336.63	227.89	-92.96	-2,475.48	-13,517.37	4,621.52	4,057.96	563.56	8.201		
18,600.00	6,840.00	15,304.00	7,019.61	339.32	230.09	-92.97	-2,469.29	-13,598.70	4,614.39	4,045.90	568.48	8.117		
18,700.00	6,840.00	15,364.54	7,019.78	342.01	231.73	-92.98	-2,465.06	-13,659.09	4,607.88	4,035.04	572.84	8.044		
18,800.00	6,840.00	15,419.84	7,019.90	344.70	233.23	-92.98	-2,461.70	-13,714.29	4,602.28	4,025.27	577.01	7.976		
18,900.00	6,840.00	15,469.91	7,020.06	347.39	234.59	-92.98	-2,459.19	-13,764.29	4,597.72	4,016.74	580.98	7.914		
19,000.00	6,840.00	15,493.00	7,020.16	350.08	235.21	-92.98	-2,458.21	-13,787.37	4,594.40	4,010.37	584.04	7.867		
19,100.00	6,840.00	15,554.42	7,020.33	352.77	236.88	-92.99	-2,456.39	-13,848.76	4,592.12	4,003.91	588.20	7.807		
19,200.00	6,840.00	15,604.81	7,020.34	355.46	238.24	-92.99	-2,455.78	-13,899.15	4,591.25	3,999.29	591.96	7.756		
19,300.00	6,840.00	15,682.00	7,020.57	358.16	240.33	-92.99	-2,455.06	-13,976.33	4,590.84	3,994.26	596.58	7.695		
19,321.91	6,840.00	15,707.19	7,020.71	358.75	241.01	-92.99	-2,454.88	-14,001.52	4,590.78	3,992.90	597.88	7.678		
19,400.00	6,840.00	15,747.49	7,020.94	360.85	242.10	-93.00	-2,454.86	-14,041.82	4,591.10	3,990.33	600.77	7.642		
19,500.00	6,840.00	15,815.63	7,021.35	363.54	243.94	-93.00	-2,455.44	-14,109.95	4,592.37	3,987.34	605.03	7.590		
19,600.00	6,840.00	15,898.98	7,021.91	366.24	246.19	-93.01	-2,456.43	-14,193.29	4,594.03	3,984.22	609.82	7.533		
19,700.00	6,840.00	15,983.98	7,022.47	368.93	248.48	-93.01	-2,457.86	-14,278.28	4,596.17	3,981.52	614.66	7.478		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,800.00	6,840.00	16,218.61	7,023.58	371.63	254.83	-93.03	-2,457.43	-14,512.89	4,595.83	3,971.01	624.82	7.355	
19,900.00	6,840.00	16,302.89	7,024.21	374.32	257.11	-93.03	-2,456.69	-14,597.16	4,595.40	3,965.71	629.69	7.298	
20,000.00	6,840.00	16,387.10	7,024.80	377.02	259.39	-93.04	-2,456.02	-14,681.36	4,595.10	3,960.54	634.56	7.241	
20,005.94	6,840.00	16,391.30	7,024.83	377.18	259.51	-93.04	-2,456.00	-14,685.56	4,595.10	3,960.28	634.82	7.238	
20,100.00	6,840.00	16,453.86	7,025.21	379.71	261.20	-93.05	-2,455.89	-14,748.13	4,595.39	3,956.59	638.80	7.194	
20,200.00	6,840.00	16,511.22	7,025.56	382.41	262.75	-93.05	-2,456.28	-14,805.48	4,596.54	3,953.87	642.67	7.152	
20,300.00	6,840.00	16,582.66	7,026.04	385.11	264.68	-93.06	-2,457.37	-14,876.91	4,598.52	3,951.51	647.02	7.107	
20,400.00	6,840.00	16,660.04	7,026.59	387.80	266.77	-93.06	-2,458.92	-14,954.28	4,600.99	3,949.43	651.56	7.062	
20,500.00	6,840.00	16,730.00	7,027.00	390.50	268.66	-93.06	-2,460.65	-15,024.21	4,603.97	3,948.17	655.80	7.020 ES	
20,600.00	6,840.00	16,730.00	7,027.00	393.20	268.66	-93.06	-2,460.65	-15,024.21	4,608.43	3,951.29	657.14	7.013	
20,691.67	6,840.00	16,730.00	7,027.00	395.67	268.66	-93.06	-2,460.65	-15,024.21	4,614.42	3,956.32	658.10	7.012 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-80.70	1,460.27	-8,919.82	9,039.51					
100.00	100.00	0.00	0.00	0.13	0.00	-80.70	1,460.27	-8,919.82	9,038.62	9,038.48	0.13	N/A		
131.00	131.00	0.00	0.00	0.25	0.00	-80.70	1,460.27	-8,919.82	9,038.57	9,038.32	0.25	N/A		
200.00	200.00	31.36	31.36	0.49	0.03	-80.70	1,460.32	-8,919.88	9,038.71	9,038.19	0.52	N/A		
300.00	300.00	76.81	76.81	0.85	0.08	-80.70	1,460.54	-8,920.18	9,039.43	9,038.50	0.92	9,772.452		
400.00	399.98	150.03	150.02	1.21	0.16	-36.07	1,461.08	-8,921.04	9,039.26	9,037.89	1.37	6,602.673		
500.00	499.84	266.46	266.44	1.57	0.29	-36.13	1,461.32	-8,922.48	9,036.30	9,034.44	1.85	4,880.443		
600.00	599.45	415.97	415.95	1.94	0.39	-36.25	1,461.37	-8,923.80	9,030.14	9,027.81	2.33	3,883.470		
700.00	698.70	503.11	503.08	2.32	0.44	-36.41	1,460.97	-8,924.48	9,020.98	9,018.23	2.74	3,286.386		
800.00	797.47	594.87	594.83	2.73	0.49	-36.61	1,460.27	-8,925.29	9,009.10	9,005.93	3.17	2,838.922		
900.00	895.62	672.42	672.38	3.16	0.53	-36.85	1,459.60	-8,926.11	8,994.61	8,991.01	3.60	2,496.489		
1,000.00	993.06	806.10	806.04	3.63	0.60	-37.18	1,458.37	-8,927.53	8,977.41	8,973.34	4.07	2,205.853		
1,100.00	1,089.64	871.55	871.49	4.14	0.63	-37.50	1,457.71	-8,928.19	8,957.39	8,952.87	4.52	1,981.692		
1,200.00	1,185.27	964.78	964.71	4.70	0.67	-37.90	1,456.83	-8,929.31	8,934.91	8,929.91	5.00	1,786.274		
1,300.00	1,279.82	1,061.89	1,061.80	5.30	0.71	-38.36	1,455.85	-8,930.41	8,909.72	8,904.22	5.51	1,617.935		
1,400.00	1,373.17	1,159.92	1,159.83	5.96	0.76	-38.88	1,454.85	-8,931.52	8,881.95	8,875.92	6.04	1,471.567		
1,500.00	1,465.21	1,262.87	1,262.76	6.67	0.80	-39.46	1,453.78	-8,932.58	8,851.54	8,844.95	6.59	1,342.640		
1,600.00	1,555.84	1,346.28	1,346.17	7.44	0.83	-40.07	1,453.08	-8,933.36	8,818.60	8,811.42	7.17	1,229.385		
1,700.00	1,645.41	1,428.09	1,427.97	8.26	0.87	-40.34	1,452.56	-8,934.25	8,784.12	8,776.34	7.78	1,129.295		
1,800.00	1,734.94	1,520.88	1,520.75	9.09	0.90	-40.53	1,451.94	-8,935.18	8,749.59	8,741.19	8.40	1,041.903		
1,900.00	1,824.47	1,581.63	1,581.50	9.94	0.93	-40.66	1,451.73	-8,935.90	8,715.34	8,706.32	9.02	966.235		
2,000.00	1,913.99	1,670.28	1,670.14	10.80	0.96	-40.84	1,451.63	-8,937.11	8,681.37	8,671.71	9.66	898.467		
2,100.00	2,003.52	1,756.17	1,756.03	11.66	0.99	-41.02	1,451.35	-8,938.27	8,647.46	8,637.14	10.31	838.414		
2,200.00	2,093.05	1,843.31	1,843.15	12.53	1.03	-41.20	1,451.11	-8,939.52	8,613.71	8,602.74	10.97	784.926		
2,300.00	2,182.58	1,921.37	1,921.21	13.40	1.06	-41.37	1,450.75	-8,940.65	8,580.06	8,568.42	11.64	737.198		
2,400.00	2,272.11	1,973.74	1,973.56	14.28	1.08	-41.48	1,450.38	-8,941.61	8,546.81	8,534.51	12.30	694.598		
2,500.00	2,361.63	2,026.98	2,026.79	15.16	1.10	-41.60	1,449.91	-8,942.83	8,514.06	8,501.08	12.98	656.046		
2,600.00	2,451.16	2,081.15	2,080.94	16.04	1.12	-41.72	1,449.43	-8,944.31	8,481.78	8,468.12	13.66	621.030		
2,700.00	2,540.69	2,154.42	2,154.17	16.92	1.15	-41.88	1,448.73	-8,946.57	8,449.92	8,435.57	14.35	588.962		
2,800.00	2,630.22	2,800.00	2,273.66	17.81	1.39	-42.15	1,447.30	-8,950.11	8,418.02	8,402.78	15.23	552.606		
2,900.00	2,719.75	2,430.10	2,429.74	18.70	1.25	-42.49	1,446.56	-8,953.53	8,385.50	8,369.74	15.76	531.934		
3,000.00	2,809.28	2,508.39	2,508.02	19.58	1.28	-42.66	1,446.57	-8,955.07	8,353.04	8,336.57	16.47	507.180		
3,100.00	2,898.80	2,580.81	2,580.42	20.47	1.30	-42.82	1,446.55	-8,956.63	8,320.83	8,303.66	17.18	484.363		
3,200.00	2,988.33	2,653.49	2,653.08	21.36	1.33	-42.98	1,446.58	-8,958.35	8,288.92	8,271.03	17.89	463.249		
3,300.00	3,077.86	2,736.48	2,736.04	22.26	1.36	-43.17	1,446.81	-8,960.45	8,257.28	8,238.67	18.61	443.630		
3,400.00	3,167.39	2,838.88	2,838.41	23.15	1.39	-43.40	1,447.14	-8,962.98	8,225.69	8,206.35	19.34	425.327		
3,500.00	3,256.92	2,938.13	2,937.63	24.04	1.43	-43.62	1,447.26	-8,965.29	8,194.06	8,173.99	20.07	408.273		
3,600.00	3,346.44	3,026.30	3,025.50	24.93	1.52	-45.04	1,438.73	-8,959.34	8,157.60	8,136.91	20.69	394.255		
3,700.00	3,435.97	3,109.33	3,108.47	25.83	1.52	-45.16	1,437.11	-8,957.94	8,120.98	8,099.57	21.41	379.259		
3,800.00	3,525.50	3,194.04	3,193.10	26.72	1.53	-45.36	1,434.18	-8,955.86	8,084.92	8,062.79	22.13	365.342		
3,900.00	3,615.03	3,277.62	3,276.57	27.62	1.54	-45.69	1,430.67	-8,951.82	8,048.65	8,025.82	22.83	352.517		
4,000.00	3,704.56	3,362.22	3,361.11	28.51	1.54	-45.87	1,428.91	-8,949.43	8,012.39	7,988.83	23.56	340.116		
4,100.00	3,794.09	3,450.00	3,448.82	29.41	1.55	-46.03	1,426.95	-8,947.72	7,976.58	7,952.29	24.29	328.326		
4,200.00	3,883.61	3,538.86	3,537.64	30.30	1.56	-46.15	1,425.14	-8,946.68	7,941.31	7,916.27	25.04	317.083		
4,300.00	3,973.14	3,627.66	3,626.43	31.20	1.61	-47.04	1,408.97	-8,936.98	7,906.38	7,880.66	25.72	307.374		
4,400.00	4,062.67	3,716.47	3,715.24	32.10	1.62	-47.25	1,405.37	-8,933.38	7,869.32	7,842.85	26.47	297.289		
4,500.00	4,152.20	3,805.29	3,804.06	32.99	1.63	-47.69	1,399.74	-8,925.47	7,832.28	7,805.10	27.19	288.081		
4,600.00	4,241.73	3,894.12	3,892.89	33.89	1.64	-47.86	1,398.52	-8,921.96	7,794.85	7,766.90	27.95	278.922		
4,700.00	4,331.26	3,983.00	3,981.77	34.79	1.64	-48.02	1,396.86	-8,919.00	7,758.04	7,729.33	28.71	270.199		
4,800.00	4,420.78	4,071.85	4,070.62	35.69	1.65	-48.15	1,395.48	-8,917.02	7,721.76	7,692.26	29.49	261.827		
4,900.00	4,510.31	4,161.00	4,159.77	36.58	1.65	-48.31	1,393.81	-8,914.56	7,685.92	7,655.65	30.27	253.909		
5,000.00	4,599.84	4,250.13	4,248.90	37.48	1.66	-48.48	1,392.28	-8,912.16	7,650.55	7,619.50	31.05	246.379		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,823.37	4,820.57	38.38	1.67	-48.66	1,390.99	-8,909.94	7,615.70	7,583.86	31.84	239.211		
5,200.00	4,778.90	4,908.31	4,905.44	39.28	1.68	-48.90	1,389.52	-8,907.04	7,581.11	7,548.50	32.62	232.438		
5,300.00	4,868.42	4,989.11	4,986.19	40.18	1.68	-49.13	1,388.31	-8,904.34	7,546.73	7,513.33	33.40	225.944		
5,400.00	4,957.95	5,105.69	5,102.70	41.07	1.70	-49.46	1,386.76	-8,900.31	7,512.39	7,478.22	34.17	219.834		
5,500.00	5,047.48	5,166.54	5,163.51	41.97	1.70	-49.63	1,386.01	-8,898.20	7,478.17	7,443.20	34.98	213.797		
5,600.00	5,137.01	5,236.81	5,233.73	42.87	1.71	-49.83	1,385.28	-8,895.98	7,444.37	7,408.59	35.78	208.043		
5,700.00	5,226.54	5,313.40	5,310.28	43.77	1.72	-50.05	1,384.47	-8,893.68	7,410.87	7,374.28	36.59	202.540		
5,800.00	5,316.07	5,386.13	5,382.98	44.67	1.73	-50.27	1,383.57	-8,891.63	7,377.68	7,340.28	37.40	197.242		
5,900.00	5,405.59	5,464.30	5,461.12	45.57	1.74	-50.50	1,382.46	-8,889.57	7,344.80	7,306.58	38.22	192.163		
6,000.00	5,495.12	5,535.17	5,531.96	46.47	1.75	-50.71	1,381.38	-8,887.81	7,312.22	7,273.17	39.05	187.259		
6,100.00	5,584.65	5,600.00	5,596.76	47.37	1.76	-50.90	1,380.19	-8,886.39	7,280.07	7,240.18	39.88	182.530		
6,200.00	5,674.18	5,668.10	5,664.84	48.27	1.77	-51.11	1,378.85	-8,885.11	7,248.35	7,207.62	40.72	177.986		
6,300.00	5,763.71	5,729.65	5,726.36	49.16	1.78	-51.30	1,377.70	-8,884.12	7,217.05	7,175.47	41.57	173.601		
6,400.00	5,853.23	5,784.73	5,781.43	50.06	1.80	-51.47	1,376.67	-8,883.49	7,186.31	7,143.88	42.43	169.373		
6,500.00	5,942.76	5,879.72	5,876.40	50.96	1.82	-51.76	1,375.01	-8,882.65	7,155.97	7,112.70	43.27	165.373		
6,600.00	6,032.29	5,974.03	5,970.70	51.86	1.84	-52.05	1,373.46	-8,881.66	7,125.65	7,081.53	44.12	161.509		
6,700.00	6,121.82	6,076.16	6,072.80	52.76	1.86	-52.37	1,371.69	-8,880.48	7,095.41	7,050.45	44.97	157.788		
6,800.00	6,211.35	6,156.34	6,152.97	53.66	1.88	-52.62	1,370.52	-8,879.49	7,065.26	7,019.43	45.83	154.158		
6,900.00	6,300.88	6,227.09	6,223.71	54.56	1.90	-52.84	1,369.50	-8,878.77	7,035.49	6,988.78	46.70	150.639		
7,000.00	6,390.40	6,295.16	6,291.77	55.46	1.92	-53.05	1,368.55	-8,878.28	7,006.14	6,958.55	47.58	147.238		
7,100.00	6,479.90	6,386.46	6,383.06	56.36	1.94	-51.68	1,367.27	-8,877.75	6,976.98	6,928.52	48.46	143.982		
7,200.00	6,565.62	6,482.74	6,479.32	57.41	1.96	-41.45	1,365.89	-8,877.09	6,938.01	6,888.65	49.36	140.567		
7,300.00	6,643.25	6,544.11	6,540.69	58.67	1.98	-35.79	1,365.06	-8,876.66	6,883.89	6,833.60	50.28	136.904		
7,400.00	6,710.45	6,591.73	6,588.30	60.11	1.99	-33.09	1,364.41	-8,876.47	6,816.44	6,765.26	51.18	133.191		
7,500.00	6,765.16	6,650.95	6,647.52	61.71	2.01	-32.98	1,363.60	-8,876.31	6,737.53	6,685.54	51.99	129.601		
7,600.00	6,805.74	6,698.60	6,695.16	63.40	2.02	-36.06	1,362.94	-8,876.12	6,649.37	6,596.69	52.68	126.219		
7,700.00	6,830.93	6,724.10	6,720.66	65.14	2.03	-46.31	1,362.58	-8,876.00	6,554.65	6,501.42	53.24	123.125		
7,800.00	6,839.98	6,732.86	6,729.42	66.86	2.03	-87.47	1,362.45	-8,875.96	6,456.23	6,402.61	53.62	120.398		
7,900.00	6,840.00	6,732.38	6,728.94	68.58	2.03	-91.53	1,362.46	-8,875.96	6,356.91	6,302.99	53.92	117.897		
8,000.00	6,840.00	6,731.89	6,728.45	70.35	2.03	-91.50	1,362.47	-8,875.96	6,257.61	6,203.38	54.22	115.401		
8,100.00	6,840.00	6,731.39	6,727.95	72.18	2.03	-91.46	1,362.47	-8,875.96	6,158.33	6,103.79	54.54	112.911		
8,200.00	6,840.00	6,730.89	6,727.45	74.06	2.03	-91.42	1,362.48	-8,875.97	6,059.08	6,004.21	54.87	110.427		
8,300.00	6,840.00	6,730.39	6,726.95	75.98	2.03	-91.38	1,362.49	-8,875.97	5,959.85	5,904.64	55.21	107.949		
8,400.00	6,840.00	6,729.89	6,726.45	77.96	2.03	-91.34	1,362.50	-8,875.97	5,860.65	5,805.08	55.56	105.476		
8,500.00	6,840.00	6,729.40	6,725.96	79.97	2.03	-91.30	1,362.50	-8,875.97	5,761.47	5,705.54	55.93	103.011		
8,600.00	6,840.00	6,728.90	6,725.46	82.03	2.03	-91.27	1,362.51	-8,875.98	5,662.33	5,606.02	56.31	100.553		
8,700.00	6,840.00	6,728.41	6,724.97	84.12	2.03	-91.23	1,362.52	-8,875.98	5,563.21	5,506.50	56.71	98.102		
8,800.00	6,840.00	6,727.91	6,724.47	86.25	2.03	-91.19	1,362.52	-8,875.98	5,464.13	5,407.01	57.12	95.659		
8,900.00	6,840.00	6,727.42	6,723.98	88.41	2.03	-91.15	1,362.53	-8,875.98	5,365.08	5,307.53	57.55	93.225		
9,000.00	6,840.00	6,726.92	6,723.49	90.60	2.03	-91.11	1,362.54	-8,875.98	5,266.07	5,208.07	58.00	90.799		
9,100.00	6,840.00	6,726.43	6,722.99	92.82	2.03	-91.08	1,362.55	-8,875.99	5,167.09	5,108.63	58.46	88.383		
9,200.00	6,840.00	6,725.94	6,722.50	95.07	2.03	-91.04	1,362.55	-8,875.99	5,068.16	5,009.21	58.95	85.976		
9,300.00	6,840.00	6,725.45	6,722.01	97.34	2.03	-91.00	1,362.56	-8,875.99	4,969.26	4,909.81	59.46	83.580		
9,400.00	6,840.00	6,724.96	6,721.52	99.64	2.03	-90.96	1,362.57	-8,875.99	4,870.42	4,810.43	59.98	81.194		
9,500.00	6,840.00	6,724.47	6,721.03	101.95	2.03	-90.93	1,362.57	-8,876.00	4,771.62	4,711.08	60.54	78.820		
9,600.00	6,840.00	6,723.98	6,720.54	104.29	2.03	-90.89	1,362.58	-8,876.00	4,672.87	4,611.75	61.12	76.457		
9,700.00	6,840.00	6,723.49	6,720.05	106.64	2.03	-90.85	1,362.59	-8,876.00	4,574.17	4,512.45	61.72	74.108		
9,800.00	6,840.00	6,723.00	6,719.56	109.02	2.03	-90.81	1,362.59	-8,876.00	4,475.54	4,413.18	62.36	71.771		
9,900.00	6,840.00	6,722.51	6,719.08	111.41	2.03	-90.78	1,362.60	-8,876.01	4,376.96	4,313.94	63.02	69.449		
10,000.00	6,840.00	6,722.03	6,718.59	113.81	2.03	-90.74	1,362.61	-8,876.01	4,278.46	4,214.73	63.72	67.141		
10,100.00	6,840.00	6,721.54	6,718.10	116.23	2.03	-90.70	1,362.62	-8,876.01	4,180.02	4,115.56	64.46	64.849		
10,200.00	6,840.00	6,721.06	6,717.62	118.67	2.03	-90.66	1,362.62	-8,876.01	4,081.66	4,016.43	65.23	62.573		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,720.57	6,717.13	121.11	2.03	-90.63	1,362.63	-8,876.01	3,983.38	3,917.33	66.04	60.314		
10,400.00	6,840.00	6,720.09	6,716.65	123.57	2.03	-90.59	1,362.64	-8,876.02	3,885.18	3,818.28	66.90	58.074		
10,500.00	6,840.00	6,719.60	6,716.16	126.04	2.03	-90.55	1,362.64	-8,876.02	3,787.09	3,719.28	67.81	55.852		
10,600.00	6,840.00	6,719.12	6,715.68	128.52	2.03	-90.51	1,362.65	-8,876.02	3,689.09	3,620.33	68.76	53.650		
10,700.00	6,840.00	6,718.64	6,715.20	131.01	2.03	-90.48	1,362.66	-8,876.02	3,591.21	3,521.43	69.77	51.470		
10,800.00	6,840.00	6,718.15	6,714.72	133.51	2.03	-90.44	1,362.66	-8,876.03	3,493.44	3,422.60	70.84	49.312		
10,900.00	6,840.00	6,717.67	6,714.23	136.02	2.03	-90.40	1,362.67	-8,876.03	3,395.81	3,323.83	71.98	47.177		
11,000.00	6,840.00	6,717.19	6,713.75	138.53	2.03	-90.37	1,362.68	-8,876.03	3,298.31	3,225.13	73.19	45.067		
11,100.00	6,840.00	6,716.71	6,713.27	141.06	2.03	-90.33	1,362.68	-8,876.03	3,200.97	3,126.50	74.47	42.982		
11,200.00	6,840.00	6,716.23	6,712.79	143.59	2.03	-90.29	1,362.69	-8,876.04	3,103.80	3,027.96	75.84	40.926		
11,300.00	6,840.00	6,715.75	6,712.32	146.13	2.03	-90.26	1,362.70	-8,876.04	3,006.82	2,929.52	77.30	38.898		
11,400.00	6,840.00	6,715.28	6,711.84	148.68	2.03	-90.22	1,362.71	-8,876.04	2,910.04	2,831.18	78.86	36.901		
11,500.00	6,840.00	6,714.80	6,711.36	151.23	2.03	-90.18	1,362.71	-8,876.04	2,813.48	2,732.95	80.53	34.937		
11,600.00	6,840.00	6,714.32	6,710.88	153.79	2.03	-90.14	1,362.72	-8,876.04	2,717.18	2,634.85	82.32	33.006		
11,700.00	6,840.00	6,713.84	6,710.41	156.35	2.03	-90.11	1,362.73	-8,876.05	2,621.15	2,536.90	84.25	31.111		
11,800.00	6,840.00	6,713.37	6,709.93	158.92	2.03	-90.07	1,362.73	-8,876.05	2,525.43	2,439.10	86.33	29.255		
11,900.00	6,840.00	6,712.89	6,709.45	161.49	2.03	-90.03	1,362.74	-8,876.05	2,430.05	2,341.49	88.56	27.438		
12,000.00	6,840.00	6,713.09	6,709.65	164.07	2.03	-90.05	1,362.74	-8,876.05	2,335.06	2,244.07	90.99	25.664		
12,100.00	6,840.00	6,712.57	6,709.13	166.66	2.03	-90.01	1,362.74	-8,876.05	2,240.50	2,146.89	93.61	23.934		
12,200.00	6,840.00	6,712.05	6,708.61	169.25	2.03	-89.97	1,362.75	-8,876.05	2,146.44	2,049.98	96.46	22.252		
12,300.00	6,840.00	6,711.53	6,708.09	171.84	2.03	-89.93	1,362.76	-8,876.06	2,052.94	1,953.38	99.57	20.619		
12,400.00	6,840.00	6,711.01	6,707.57	174.44	2.03	-89.89	1,362.77	-8,876.06	1,960.09	1,857.13	102.96	19.038		
12,500.00	6,840.00	6,710.50	6,707.06	177.04	2.03	-89.85	1,362.77	-8,876.06	1,867.97	1,761.31	106.66	17.513		
12,600.00	6,840.00	6,709.99	6,706.55	179.64	2.03	-89.81	1,362.78	-8,876.06	1,776.70	1,665.97	110.73	16.046		
12,700.00	6,840.00	6,709.48	6,706.04	182.25	2.03	-89.77	1,362.79	-8,876.07	1,686.42	1,571.23	115.19	14.640		
12,800.00	6,840.00	6,708.97	6,705.53	184.86	2.03	-89.73	1,362.79	-8,876.07	1,597.30	1,477.20	120.10	13.299		
12,900.00	6,840.00	6,708.47	6,705.03	187.47	2.02	-89.69	1,362.80	-8,876.07	1,509.55	1,384.03	125.52	12.026		
13,000.00	6,840.00	6,707.97	6,704.53	190.09	2.02	-89.66	1,362.81	-8,876.07	1,423.41	1,291.92	131.49	10.825		
13,100.00	6,840.00	6,707.47	6,704.03	192.71	2.02	-89.62	1,362.82	-8,876.08	1,339.20	1,201.12	138.08	9.699		
13,200.00	6,840.00	6,706.97	6,703.54	195.34	2.02	-89.58	1,362.82	-8,876.08	1,257.30	1,111.97	145.33	8.651		
13,300.00	6,840.00	6,706.48	6,703.04	197.96	2.02	-89.54	1,362.83	-8,876.08	1,178.20	1,024.92	153.29	7.686		
13,400.00	6,840.00	6,705.99	6,702.55	200.59	2.02	-89.50	1,362.84	-8,876.08	1,102.51	940.56	161.95	6.808		
13,500.00	6,840.00	6,705.50	6,702.06	203.22	2.02	-89.47	1,362.84	-8,876.09	1,030.96	859.70	171.26	6.020		
13,600.00	6,840.00	6,705.01	6,701.58	205.85	2.02	-89.43	1,362.85	-8,876.09	964.49	783.40	181.09	5.326		
13,700.00	6,840.00	6,704.53	6,701.09	208.49	2.02	-89.39	1,362.86	-8,876.09	904.21	713.07	191.14	4.731		
13,800.00	6,840.00	6,704.05	6,700.61	211.13	2.02	-89.35	1,362.86	-8,876.09	851.43	650.50	200.94	4.237		
13,900.00	6,840.00	6,703.57	6,700.13	213.77	2.02	-89.32	1,362.87	-8,876.09	807.65	597.86	209.78	3.850		
14,000.00	6,840.00	6,703.09	6,699.66	216.41	2.02	-89.28	1,362.88	-8,876.10	774.37	557.58	216.79	3.572		
14,100.00	6,840.00	6,702.62	6,699.18	219.06	2.02	-89.24	1,362.88	-8,876.10	752.99	531.99	221.00	3.407		
14,200.00	6,840.00	6,702.15	6,698.71	221.70	2.02	-89.21	1,362.89	-8,876.10	744.55	522.86	221.68	3.359 ES, SF		
14,213.24	6,840.00	6,702.09	6,698.65	222.05	2.02	-89.20	1,362.89	-8,876.10	744.43	522.94	221.49	3.361 CC		
14,300.00	6,840.00	6,701.68	6,698.24	224.35	2.02	-89.17	1,362.90	-8,876.10	749.47	530.91	218.56	3.429		
14,400.00	6,840.00	6,701.21	6,697.77	227.00	2.02	-89.14	1,362.90	-8,876.11	767.50	555.56	211.94	3.621		
14,500.00	6,840.00	6,700.75	6,697.31	229.65	2.02	-89.10	1,362.91	-8,876.11	797.75	595.14	202.61	3.937		
14,600.00	6,840.00	6,700.28	6,696.85	232.30	2.02	-89.06	1,362.92	-8,876.11	838.90	647.33	191.58	4.379		
14,700.00	6,840.00	6,699.82	6,696.39	234.96	2.02	-89.03	1,362.92	-8,876.11	889.44	709.66	179.79	4.947		
14,800.00	6,840.00	6,699.36	6,695.93	237.61	2.02	-88.99	1,362.93	-8,876.11	947.87	779.89	167.98	5.643		
14,900.00	6,840.00	6,698.91	6,695.47	240.27	2.02	-88.96	1,362.94	-8,876.12	1,012.82	856.19	156.64	6.466		
15,000.00	6,840.00	6,698.45	6,695.02	242.93	2.02	-88.92	1,362.94	-8,876.12	1,083.12	937.08	146.04	7.416		
15,100.00	6,840.00	6,698.00	6,694.57	245.59	2.02	-88.89	1,362.95	-8,876.12	1,157.80	1,021.47	136.33	8.493		
15,200.00	6,840.00	6,697.55	6,694.12	248.25	2.02	-88.85	1,362.95	-8,876.12	1,236.06	1,108.55	127.51	9.694		
15,300.00	6,840.00	6,697.10	6,693.67	250.92	2.02	-88.82	1,362.96	-8,876.12	1,317.27	1,197.70	119.57	11.017		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,696.66	6,693.22	253.58	2.02	-88.79	1,362.97	-8,876.13	1,400.91	1,288.48	112.43	12.460		
15,500.00	6,840.00	6,696.22	6,692.78	256.25	2.02	-88.75	1,362.97	-8,876.13	1,486.57	1,380.53	106.04	14.019		
15,600.00	6,840.00	6,695.77	6,692.34	258.91	2.02	-88.72	1,362.98	-8,876.13	1,573.92	1,473.62	100.31	15.691		
15,700.00	6,840.00	6,695.34	6,691.90	261.58	2.02	-88.68	1,362.98	-8,876.13	1,662.70	1,567.53	95.17	17.471		
15,800.00	6,840.00	6,694.90	6,691.46	264.25	2.02	-88.65	1,362.99	-8,876.13	1,752.69	1,662.13	90.56	19.354		
15,900.00	6,840.00	6,694.46	6,691.03	266.92	2.02	-88.62	1,363.00	-8,876.14	1,843.71	1,757.30	86.41	21.336		
16,000.00	6,840.00	6,694.03	6,690.59	269.59	2.02	-88.58	1,363.00	-8,876.14	1,935.62	1,852.94	82.68	23.410		
16,100.00	6,840.00	6,693.60	6,690.16	272.26	2.02	-88.55	1,363.01	-8,876.14	2,028.29	1,948.97	79.32	25.571		
16,200.00	6,840.00	6,693.17	6,689.73	274.94	2.02	-88.52	1,363.01	-8,876.14	2,121.63	2,045.35	76.28	27.814		
16,300.00	6,840.00	6,692.74	6,689.31	277.61	2.02	-88.48	1,363.02	-8,876.14	2,215.55	2,142.02	73.53	30.131		
16,400.00	6,840.00	6,692.32	6,688.88	280.28	2.02	-88.45	1,363.03	-8,876.15	2,309.98	2,238.94	71.04	32.517		
16,500.00	6,840.00	6,691.90	6,688.46	282.96	2.02	-88.42	1,363.03	-8,876.15	2,404.86	2,336.08	68.78	34.966		
16,600.00	6,840.00	6,691.47	6,688.04	285.64	2.02	-88.39	1,363.04	-8,876.15	2,500.14	2,433.41	66.72	37.470		
16,700.00	6,840.00	6,691.05	6,687.62	288.31	2.02	-88.35	1,363.04	-8,876.15	2,595.77	2,530.92	64.85	40.025		
16,800.00	6,840.00	6,690.64	6,687.20	290.99	2.02	-88.32	1,363.05	-8,876.15	2,691.72	2,628.57	63.15	42.624		
16,900.00	6,840.00	6,690.22	6,686.79	293.67	2.02	-88.29	1,363.06	-8,876.15	2,787.96	2,726.36	61.60	45.261		
17,000.00	6,840.00	6,689.81	6,686.37	296.35	2.02	-88.26	1,363.06	-8,876.16	2,884.45	2,824.27	60.18	47.931		
17,100.00	6,840.00	6,689.40	6,685.96	299.03	2.02	-88.23	1,363.07	-8,876.16	2,981.17	2,922.29	58.88	50.629		
17,200.00	6,840.00	6,688.99	6,685.55	301.71	2.02	-88.20	1,363.07	-8,876.16	3,078.10	3,020.41	57.70	53.349		
17,300.00	6,840.00	6,688.58	6,685.14	304.39	2.02	-88.16	1,363.08	-8,876.16	3,175.23	3,118.61	56.61	56.087		
17,400.00	6,840.00	6,688.17	6,684.74	307.08	2.02	-88.13	1,363.08	-8,876.16	3,272.52	3,216.90	55.62	58.837		
17,500.00	6,840.00	6,687.77	6,684.33	309.76	2.02	-88.10	1,363.09	-8,876.17	3,369.98	3,315.27	54.71	61.598		
17,600.00	6,840.00	6,687.37	6,683.93	312.44	2.02	-88.07	1,363.10	-8,876.17	3,467.58	3,413.70	53.88	64.363		
17,700.00	6,840.00	6,686.97	6,683.53	315.13	2.02	-88.04	1,363.10	-8,876.17	3,565.31	3,512.20	53.11	67.130		
17,800.00	6,840.00	6,686.57	6,683.13	317.81	2.02	-88.01	1,363.11	-8,876.17	3,663.16	3,610.75	52.41	69.896		
17,900.00	6,840.00	6,686.17	6,682.74	320.50	2.02	-87.98	1,363.11	-8,876.17	3,761.13	3,709.36	51.76	72.658		
18,000.00	6,840.00	6,685.78	6,682.34	323.19	2.02	-87.95	1,363.12	-8,876.17	3,859.20	3,808.03	51.17	75.413		
18,100.00	6,840.00	6,685.38	6,681.95	325.87	2.02	-87.92	1,363.12	-8,876.18	3,957.37	3,906.74	50.63	78.159		
18,200.00	6,840.00	6,684.99	6,681.56	328.56	2.02	-87.89	1,363.13	-8,876.18	4,055.63	4,005.49	50.13	80.894		
18,300.00	6,840.00	6,684.60	6,681.17	331.25	2.02	-87.86	1,363.13	-8,876.18	4,153.97	4,104.29	49.68	83.616		
18,400.00	6,840.00	6,684.21	6,680.78	333.94	2.02	-87.83	1,363.14	-8,876.18	4,252.39	4,203.12	49.26	86.324		
18,500.00	6,840.00	6,683.83	6,680.39	336.63	2.02	-87.80	1,363.14	-8,876.18	4,350.88	4,302.00	48.88	89.016		
18,600.00	6,840.00	6,683.44	6,680.01	339.32	2.02	-87.77	1,363.15	-8,876.18	4,449.43	4,400.91	48.53	91.690		
18,700.00	6,840.00	6,683.06	6,679.62	342.01	2.02	-87.74	1,363.16	-8,876.19	4,548.05	4,499.85	48.21	94.347		
18,800.00	6,840.00	6,682.68	6,679.24	344.70	2.02	-87.71	1,363.16	-8,876.19	4,646.73	4,598.82	47.91	96.984		
18,900.00	6,840.00	6,682.30	6,678.86	347.39	2.02	-87.68	1,363.17	-8,876.19	4,745.47	4,697.82	47.64	99.602		
19,000.00	6,840.00	6,681.92	6,678.48	350.08	2.02	-87.65	1,363.17	-8,876.19	4,844.25	4,796.85	47.40	102.200		
19,100.00	6,840.00	6,681.54	6,678.11	352.77	2.02	-87.62	1,363.18	-8,876.19	4,943.09	4,895.91	47.18	104.777		
19,200.00	6,840.00	6,681.17	6,677.73	355.46	2.02	-87.59	1,363.18	-8,876.19	5,041.97	4,994.99	46.97	107.333		
19,300.00	6,840.00	6,680.79	6,677.36	358.16	2.02	-87.57	1,363.19	-8,876.19	5,140.89	5,094.10	46.79	109.868		
19,400.00	6,840.00	6,680.42	6,676.99	360.85	2.02	-87.54	1,363.19	-8,876.20	5,239.86	5,193.23	46.63	112.382		
19,500.00	6,840.00	6,680.05	6,676.62	363.54	2.02	-87.51	1,363.20	-8,876.20	5,338.86	5,292.39	46.48	114.874		
19,600.00	6,840.00	6,679.68	6,676.25	366.24	2.02	-87.48	1,363.20	-8,876.20	5,437.90	5,391.56	46.34	117.344		
19,700.00	6,840.00	6,679.32	6,675.88	368.93	2.02	-87.45	1,363.21	-8,876.20	5,536.98	5,490.76	46.22	119.793		
19,800.00	6,840.00	6,678.95	6,675.52	371.63	2.02	-87.42	1,363.21	-8,876.20	5,636.08	5,589.97	46.11	122.221		
19,900.00	6,840.00	6,678.59	6,675.15	374.32	2.02	-87.40	1,363.22	-8,876.20	5,735.22	5,689.20	46.02	124.627		
20,000.00	6,840.00	6,678.23	6,674.79	377.02	2.02	-87.37	1,363.22	-8,876.21	5,834.39	5,788.45	45.94	127.012		
20,100.00	6,840.00	6,677.87	6,674.43	379.71	2.02	-87.34	1,363.23	-8,876.21	5,933.59	5,887.72	45.86	129.376		
20,200.00	6,840.00	6,677.51	6,674.07	382.41	2.02	-87.31	1,363.23	-8,876.21	6,032.81	5,987.01	45.80	131.720		
20,300.00	6,840.00	6,677.15	6,673.72	385.11	2.02	-87.28	1,363.24	-8,876.21	6,132.06	6,086.31	45.75	134.042		
20,400.00	6,840.00	6,676.79	6,673.36	387.80	2.02	-87.26	1,363.24	-8,876.21	6,231.33	6,185.62	45.70	136.345		
20,500.00	6,840.00	6,676.44	6,673.01	390.50	2.02	-87.23	1,363.25	-8,876.21	6,330.62	6,284.95	45.67	138.627		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,676.09	6,672.65	393.20	2.02	-87.20	1,363.25	-8,876.21	6,429.94	6,384.30	45.64	140.890	
20,691.67	6,840.00	6,675.76	6,672.33	395.67	2.02	-87.18	1,363.26	-8,876.22	6,521.00	6,475.38	45.62	142.947	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-98.18	-1,328.35	-9,236.96	9,332.82					
100.00	100.00	0.00	0.00	0.13	0.00	-98.18	-1,328.35	-9,236.96	9,332.02	9,331.88	0.13	N/A		
144.44	144.44	19.44	19.44	0.29	0.03	-98.18	-1,328.35	-9,236.96	9,331.99	9,331.66	0.33	N/A		
200.00	200.00	75.00	75.00	0.49	0.12	-98.18	-1,328.35	-9,236.96	9,331.99	9,331.37	0.61	N/A		
300.00	300.00	175.00	175.00	0.85	0.43	-98.18	-1,328.35	-9,236.96	9,331.99	9,330.70	1.28	7,281.875		
400.00	399.98	274.98	274.98	1.21	0.79	-53.58	-1,328.35	-9,236.96	9,330.95	9,328.95	2.00	4,673.864		
500.00	499.84	374.84	374.84	1.57	1.15	-53.65	-1,328.35	-9,236.96	9,327.84	9,325.13	2.71	3,437.949		
600.00	599.45	474.45	474.45	1.94	1.50	-53.78	-1,328.35	-9,236.96	9,322.67	9,319.23	3.44	2,713.261		
700.00	698.70	573.70	573.70	2.32	1.86	-53.95	-1,328.35	-9,236.96	9,315.45	9,311.28	4.17	2,234.983		
800.00	797.47	672.47	672.47	2.73	2.21	-54.18	-1,328.35	-9,236.96	9,306.19	9,301.28	4.91	1,894.112		
900.00	895.62	770.62	770.62	3.16	2.57	-54.46	-1,328.35	-9,236.96	9,294.93	9,289.25	5.68	1,637.695		
1,000.00	993.06	868.06	868.06	3.63	2.91	-54.79	-1,328.35	-9,236.96	9,281.68	9,275.22	6.46	1,436.964		
1,100.00	1,089.64	964.64	964.64	4.14	3.26	-55.17	-1,328.35	-9,236.96	9,266.48	9,259.21	7.27	1,274.969		
1,200.00	1,185.27	1,060.27	1,060.27	4.70	3.60	-55.60	-1,328.35	-9,236.96	9,249.37	9,241.26	8.11	1,141.090		
1,300.00	1,279.82	1,154.82	1,154.82	5.30	3.94	-56.08	-1,328.35	-9,236.96	9,230.39	9,221.41	8.98	1,028.337		
1,400.00	1,373.17	1,248.17	1,248.17	5.96	4.28	-56.61	-1,328.35	-9,236.96	9,209.58	9,199.70	9.88	931.925		
1,500.00	1,465.21	1,340.21	1,340.21	6.67	4.61	-57.19	-1,328.35	-9,236.96	9,187.00	9,176.17	10.83	848.466		
1,600.00	1,555.84	1,430.84	1,430.84	7.44	4.93	-57.82	-1,328.35	-9,236.96	9,162.70	9,150.88	11.82	775.489		
1,700.00	1,645.41	1,520.41	1,520.41	8.26	5.25	-58.14	-1,328.35	-9,236.96	9,137.27	9,124.43	12.84	711.749		
1,800.00	1,734.94	1,609.94	1,609.94	9.09	5.57	-58.36	-1,328.35	-9,236.96	9,111.94	9,098.06	13.88	656.622		
1,900.00	1,824.47	1,700.53	1,699.47	9.94	5.90	-58.59	-1,328.35	-9,236.96	9,086.76	9,071.83	14.93	608.453		
2,000.00	1,913.99	1,788.99	1,788.99	10.80	6.22	-58.81	-1,328.35	-9,236.96	9,061.73	9,045.73	16.00	566.520		
2,100.00	2,003.52	1,878.52	1,878.52	11.66	6.54	-59.03	-1,328.35	-9,236.96	9,036.85	9,019.78	17.07	529.386		
2,200.00	2,093.05	1,968.05	1,968.05	12.53	6.86	-59.26	-1,328.35	-9,236.96	9,012.12	8,993.96	18.15	496.426		
2,300.00	2,182.58	2,057.58	2,057.58	13.40	7.18	-59.48	-1,328.35	-9,236.96	8,987.54	8,968.30	19.25	467.003		
2,400.00	2,272.11	2,147.11	2,147.11	14.28	7.50	-59.71	-1,328.35	-9,236.96	8,963.12	8,942.78	20.34	440.598		
2,500.00	2,361.63	2,236.63	2,236.63	15.16	7.82	-59.93	-1,328.35	-9,236.96	8,938.85	8,917.40	21.45	416.784		
2,600.00	2,451.16	2,326.16	2,326.16	16.04	8.14	-60.16	-1,328.35	-9,236.96	8,914.74	8,892.18	22.56	395.210		
2,700.00	2,540.69	2,415.69	2,415.69	16.92	8.46	-60.39	-1,328.35	-9,236.96	8,890.79	8,867.12	23.67	375.582		
2,800.00	2,630.22	2,505.22	2,505.22	17.81	8.78	-60.62	-1,328.35	-9,236.96	8,866.99	8,842.20	24.79	357.654		
2,900.00	2,719.75	2,605.25	2,594.75	18.70	9.14	-60.86	-1,328.35	-9,236.96	8,843.36	8,817.41	25.95	340.726		
3,000.00	2,809.28	2,684.28	2,684.28	19.58	9.43	-61.09	-1,328.35	-9,236.96	8,819.89	8,792.84	27.05	326.106		
3,100.00	2,898.80	2,773.80	2,773.80	20.47	9.75	-61.32	-1,328.35	-9,236.96	8,796.58	8,768.40	28.18	312.162		
3,200.00	2,988.33	2,863.33	2,863.33	21.36	10.07	-61.56	-1,328.35	-9,236.96	8,773.44	8,744.12	29.32	299.259		
3,300.00	3,077.86	2,952.86	2,952.86	22.26	10.39	-61.79	-1,328.35	-9,236.96	8,750.46	8,720.00	30.46	287.288		
3,400.00	3,167.39	3,042.39	3,042.39	23.15	10.71	-62.03	-1,328.35	-9,236.96	8,727.65	8,696.04	31.60	276.153		
3,500.00	3,256.92	3,131.92	3,131.92	24.04	11.03	-62.27	-1,328.35	-9,236.96	8,705.00	8,672.25	32.75	265.771		
3,600.00	3,346.44	3,221.44	3,221.44	24.93	11.35	-62.51	-1,328.35	-9,236.96	8,682.53	8,648.62	33.91	256.071		
3,700.00	3,435.97	3,310.97	3,310.97	25.83	11.67	-62.75	-1,328.35	-9,236.96	8,660.22	8,625.16	35.06	246.988		
3,800.00	3,525.50	3,400.50	3,400.50	26.72	11.99	-62.99	-1,328.35	-9,236.96	8,638.09	8,601.87	36.22	238.466		
3,900.00	3,615.03	3,509.97	3,490.03	27.62	12.39	-63.23	-1,328.35	-9,236.96	8,616.14	8,578.68	37.46	230.017		
4,000.00	3,704.56	3,579.56	3,579.56	28.51	12.63	-63.47	-1,328.35	-9,236.96	8,594.35	8,555.80	38.55	222.916		
4,100.00	3,794.09	3,669.09	3,669.09	29.41	12.96	-63.72	-1,328.35	-9,236.96	8,572.75	8,533.02	39.72	215.805		
4,200.00	3,883.61	3,758.61	3,758.61	30.30	13.28	-63.96	-1,328.35	-9,236.96	8,551.32	8,510.42	40.90	209.087		
4,300.00	3,973.14	3,848.14	3,848.14	31.20	13.60	-64.21	-1,328.35	-9,236.96	8,530.07	8,487.99	42.08	202.734		
4,400.00	4,062.67	3,937.67	3,937.67	32.10	13.92	-64.46	-1,328.35	-9,236.96	8,509.00	8,465.74	43.26	196.715		
4,500.00	4,152.20	4,027.20	4,027.20	32.99	14.24	-64.70	-1,328.35	-9,236.96	8,488.11	8,443.67	44.44	191.007		
4,600.00	4,241.73	4,116.73	4,116.73	33.89	14.56	-64.95	-1,328.35	-9,236.96	8,467.40	8,421.78	45.63	185.587		
4,700.00	4,331.26	4,206.26	4,206.26	34.79	14.88	-65.20	-1,328.35	-9,236.96	8,446.88	8,400.07	46.81	180.433		
4,800.00	4,420.78	4,304.22	4,295.78	35.69	15.23	-65.46	-1,328.35	-9,236.96	8,426.54	8,378.51	48.04	175.417		
4,900.00	4,510.31	4,385.31	4,385.31	36.58	15.52	-65.71	-1,328.35	-9,236.96	8,406.40	8,357.19	49.20	170.853		
5,000.00	4,599.84	4,474.84	4,474.84	37.48	15.84	-65.96	-1,328.35	-9,236.96	8,386.43	8,336.03	50.40	166.394		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,564.37	4,564.37	38.38	16.16	-66.22	-1,328.35	-9,236.96	8,366.66	8,315.06	51.60	162.137		
5,200.00	4,778.90	4,653.90	4,653.90	39.28	16.49	-66.47	-1,328.35	-9,236.96	8,347.08	8,294.28	52.81	158.069		
5,300.00	4,868.42	4,743.42	4,743.42	40.18	16.81	-66.73	-1,328.35	-9,236.96	8,327.70	8,273.68	54.01	154.178		
5,400.00	4,957.95	4,832.95	4,832.95	41.07	17.13	-66.98	-1,328.35	-9,236.96	8,308.50	8,253.28	55.22	150.453		
5,500.00	5,047.48	4,922.48	4,922.48	41.97	17.45	-67.24	-1,328.35	-9,236.96	8,289.50	8,233.07	56.44	146.884		
5,600.00	5,137.01	5,012.01	5,012.01	42.87	17.77	-67.50	-1,328.35	-9,236.96	8,270.70	8,213.05	57.65	143.461		
5,700.00	5,226.54	5,101.54	5,101.54	43.77	18.09	-67.76	-1,328.35	-9,236.96	8,252.09	8,193.22	58.87	140.177		
5,800.00	5,316.07	5,208.93	5,191.07	44.67	18.48	-68.02	-1,328.35	-9,236.96	8,233.69	8,173.53	60.15	136.878		
5,900.00	5,405.59	5,280.59	5,280.59	45.57	18.73	-68.29	-1,328.35	-9,236.96	8,215.48	8,154.17	61.31	133.994		
6,000.00	5,495.12	5,370.12	5,370.12	46.47	19.05	-68.55	-1,328.35	-9,236.96	8,197.48	8,134.94	62.54	131.080		
6,100.00	5,584.65	5,459.65	5,459.65	47.37	19.37	-68.81	-1,328.35	-9,236.96	8,179.67	8,115.91	63.77	128.276		
6,200.00	5,674.18	5,549.18	5,549.18	48.27	19.70	-69.08	-1,328.35	-9,236.96	8,162.08	8,097.08	65.00	125.577		
6,300.00	5,763.71	5,638.71	5,638.71	49.16	20.02	-69.35	-1,328.35	-9,236.96	8,144.69	8,078.46	66.23	122.977		
6,400.00	5,853.23	5,728.23	5,728.23	50.06	20.34	-69.61	-1,328.35	-9,236.96	8,127.50	8,060.04	67.46	120.470		
6,500.00	5,942.76	5,817.76	5,817.76	50.96	20.66	-69.88	-1,328.35	-9,236.96	8,110.53	8,041.82	68.70	118.053		
6,600.00	6,032.29	5,907.29	5,907.29	51.86	20.98	-70.15	-1,328.35	-9,236.96	8,093.76	8,023.82	69.94	115.721		
6,700.00	6,121.82	6,003.18	5,996.82	52.76	21.32	-70.42	-1,328.35	-9,236.96	8,077.20	8,006.00	71.21	113.433		
6,800.00	6,211.35	6,086.35	6,086.35	53.66	21.62	-70.69	-1,328.35	-9,236.96	8,060.86	7,988.43	72.43	111.295		
6,900.00	6,300.88	6,175.88	6,175.88	54.56	21.94	-70.96	-1,328.35	-9,236.96	8,044.73	7,971.06	73.67	109.193		
7,000.00	6,390.40	6,265.40	6,265.40	55.46	22.26	-71.23	-1,328.35	-9,236.96	8,028.82	7,953.89	74.92	107.162		
7,100.00	6,479.90	6,354.90	6,354.90	56.36	22.58	-69.89	-1,328.35	-9,236.96	8,013.01	7,936.84	76.17	105.194		
7,200.00	6,565.62	6,440.62	6,440.62	57.41	22.89	-60.27	-1,328.35	-9,236.96	7,987.92	7,910.42	77.51	103.062		
7,300.00	6,643.25	6,518.25	6,518.25	58.67	23.17	-55.88	-1,328.35	-9,236.96	7,948.15	7,869.21	78.94	100.689		
7,400.00	6,710.45	6,585.45	6,585.45	60.11	23.41	-55.11	-1,328.35	-9,236.96	7,894.96	7,814.54	80.42	98.170		
7,500.00	6,765.16	6,640.16	6,640.16	61.71	23.61	-57.48	-1,328.35	-9,236.96	7,830.01	7,748.11	81.91	95.596		
7,600.00	6,805.74	6,680.74	6,680.74	63.40	23.75	-63.29	-1,328.35	-9,236.96	7,755.29	7,671.94	83.34	93.054		
7,700.00	6,830.93	6,705.93	6,705.93	65.14	23.84	-73.48	-1,328.35	-9,236.96	7,673.03	7,588.36	84.67	90.621		
7,800.00	6,839.98	6,714.98	6,714.98	66.86	23.87	-89.05	-1,328.35	-9,236.96	7,585.71	7,499.86	85.85	88.361		
7,900.00	6,840.00	6,715.00	6,715.00	68.58	23.87	-90.00	-1,328.35	-9,236.96	7,496.71	7,409.76	86.94	86.228		
8,000.00	6,840.00	6,715.00	6,715.00	70.35	23.87	-90.00	-1,328.35	-9,236.96	7,407.98	7,319.91	88.07	84.118		
8,100.00	6,840.00	6,715.00	6,715.00	72.18	23.87	-90.00	-1,328.35	-9,236.96	7,319.54	7,230.31	89.23	82.030		
8,200.00	6,840.00	6,715.00	6,715.00	74.06	23.87	-90.00	-1,328.35	-9,236.96	7,231.40	7,140.97	90.43	79.965		
8,300.00	6,840.00	6,715.00	6,715.00	75.98	23.87	-90.00	-1,328.35	-9,236.96	7,143.58	7,051.91	91.67	77.925		
8,400.00	6,840.00	6,715.00	6,715.00	77.96	23.87	-90.00	-1,328.35	-9,236.96	7,056.08	6,963.13	92.95	75.911		
8,500.00	6,840.00	6,715.00	6,715.00	79.97	23.87	-90.00	-1,328.35	-9,236.96	6,968.92	6,874.64	94.27	73.922		
8,600.00	6,840.00	6,715.00	6,715.00	82.03	23.87	-90.00	-1,328.35	-9,236.96	6,882.10	6,786.47	95.64	71.961		
8,700.00	6,840.00	6,715.00	6,715.00	84.12	23.87	-90.00	-1,328.35	-9,236.96	6,795.65	6,698.61	97.04	70.028		
8,800.00	6,840.00	6,715.00	6,715.00	86.25	23.87	-90.00	-1,328.35	-9,236.96	6,709.58	6,611.08	98.49	68.124		
8,900.00	6,840.00	6,715.00	6,715.00	88.41	23.87	-90.00	-1,328.35	-9,236.96	6,623.89	6,523.91	99.99	66.249		
9,000.00	6,840.00	6,715.00	6,715.00	90.60	23.87	-90.00	-1,328.35	-9,236.96	6,538.61	6,437.09	101.53	64.404		
9,100.00	6,840.00	6,715.00	6,715.00	92.82	23.87	-90.00	-1,328.35	-9,236.96	6,453.76	6,350.65	103.11	62.590		
9,200.00	6,840.00	6,715.00	6,715.00	95.07	23.87	-90.00	-1,328.35	-9,236.96	6,369.34	6,264.60	104.75	60.807		
9,300.00	6,840.00	6,715.00	6,715.00	97.34	23.87	-90.00	-1,328.35	-9,236.96	6,285.39	6,178.96	106.43	59.056		
9,400.00	6,840.00	6,715.00	6,715.00	99.64	23.87	-90.00	-1,328.35	-9,236.96	6,201.90	6,093.74	108.17	57.337		
9,500.00	6,840.00	6,715.00	6,715.00	101.95	23.87	-90.00	-1,328.35	-9,236.96	6,118.92	6,008.97	109.95	55.651		
9,600.00	6,840.00	6,715.00	6,715.00	104.29	23.87	-90.00	-1,328.35	-9,236.96	6,036.45	5,924.66	111.79	53.999		
9,700.00	6,840.00	6,715.00	6,715.00	106.64	23.87	-90.00	-1,328.35	-9,236.96	5,954.51	5,840.83	113.68	52.379		
9,800.00	6,840.00	6,715.00	6,715.00	109.02	23.87	-90.00	-1,328.35	-9,236.96	5,873.14	5,757.51	115.63	50.794		
9,900.00	6,840.00	6,715.00	6,715.00	111.41	23.87	-90.00	-1,328.35	-9,236.96	5,792.35	5,674.72	117.63	49.242		
10,000.00	6,840.00	6,715.00	6,715.00	113.81	23.87	-90.00	-1,328.35	-9,236.96	5,712.17	5,592.48	119.69	47.725		
10,100.00	6,840.00	6,715.00	6,715.00	116.23	23.87	-90.00	-1,328.35	-9,236.96	5,632.62	5,510.81	121.81	46.242		
10,200.00	6,840.00	6,715.00	6,715.00	118.67	23.87	-90.00	-1,328.35	-9,236.96	5,553.73	5,429.75	123.98	44.794		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	23.87	-90.00	-1,328.35	-9,236.96	5,475.53	5,349.31	126.22	43.381		
10,400.00	6,840.00	6,715.00	6,715.00	123.57	23.87	-90.00	-1,328.35	-9,236.96	5,398.05	5,269.54	128.52	42.003		
10,500.00	6,840.00	6,715.00	6,715.00	126.04	23.87	-90.00	-1,328.35	-9,236.96	5,321.33	5,190.45	130.88	40.659		
10,600.00	6,840.00	6,715.00	6,715.00	128.52	23.87	-90.00	-1,328.35	-9,236.96	5,245.38	5,112.08	133.30	39.351		
10,700.00	6,840.00	6,715.00	6,715.00	131.01	23.87	-90.00	-1,328.35	-9,236.96	5,170.26	5,034.48	135.78	38.077		
10,800.00	6,840.00	6,715.00	6,715.00	133.51	23.87	-90.00	-1,328.35	-9,236.96	5,095.99	4,957.66	138.33	36.839		
10,900.00	6,840.00	6,715.00	6,715.00	136.02	23.87	-90.00	-1,328.35	-9,236.96	5,022.61	4,881.67	140.95	35.635		
11,000.00	6,840.00	6,715.00	6,715.00	138.53	23.87	-90.00	-1,328.35	-9,236.96	4,950.17	4,806.55	143.62	34.466		
11,100.00	6,840.00	6,715.00	6,715.00	141.06	23.87	-90.00	-1,328.35	-9,236.96	4,878.70	4,732.33	146.37	33.332		
11,200.00	6,840.00	6,715.00	6,715.00	143.59	23.87	-90.00	-1,328.35	-9,236.96	4,808.25	4,659.07	149.17	32.232		
11,300.00	6,840.00	6,715.00	6,715.00	146.13	23.87	-90.00	-1,328.35	-9,236.96	4,738.86	4,586.81	152.05	31.167		
11,400.00	6,840.00	6,715.00	6,715.00	148.68	23.87	-90.00	-1,328.35	-9,236.96	4,670.58	4,515.60	154.98	30.137		
11,500.00	6,840.00	6,715.00	6,715.00	151.23	23.87	-90.00	-1,328.35	-9,236.96	4,603.46	4,445.48	157.98	29.140		
11,600.00	6,840.00	6,715.00	6,715.00	153.79	23.87	-90.00	-1,328.35	-9,236.96	4,537.55	4,376.52	161.04	28.177		
11,700.00	6,840.00	6,715.00	6,715.00	156.35	23.87	-90.00	-1,328.35	-9,236.96	4,472.91	4,308.76	164.15	27.248		
11,800.00	6,840.00	6,715.00	6,715.00	158.92	23.87	-90.00	-1,328.35	-9,236.96	4,409.59	4,242.26	167.33	26.353		
11,900.00	6,840.00	6,715.00	6,715.00	161.49	23.87	-90.00	-1,328.35	-9,236.96	4,347.64	4,177.08	170.56	25.491		
12,000.00	6,840.00	6,715.00	6,715.00	164.07	23.87	-90.00	-1,328.35	-9,236.96	4,287.14	4,113.29	173.84	24.661		
12,100.00	6,840.00	6,715.00	6,715.00	166.66	23.87	-90.00	-1,328.35	-9,236.96	4,228.13	4,050.96	177.17	23.865		
12,200.00	6,840.00	6,715.00	6,715.00	169.25	23.87	-90.00	-1,328.35	-9,236.96	4,170.68	3,990.14	180.55	23.100		
12,300.00	6,840.00	6,715.00	6,715.00	171.84	23.87	-90.00	-1,328.35	-9,236.96	4,114.87	3,930.91	183.96	22.368		
12,400.00	6,840.00	6,715.00	6,715.00	174.44	23.87	-90.00	-1,328.35	-9,236.96	4,060.75	3,873.34	187.41	21.668		
12,500.00	6,840.00	6,715.00	6,715.00	177.04	23.87	-90.00	-1,328.35	-9,236.96	4,008.39	3,817.51	190.89	20.999		
12,600.00	6,840.00	6,715.00	6,715.00	179.64	23.87	-90.00	-1,328.35	-9,236.96	3,957.87	3,763.49	194.38	20.361		
12,700.00	6,840.00	6,715.00	6,715.00	182.25	23.87	-90.00	-1,328.35	-9,236.96	3,909.26	3,711.36	197.90	19.754		
12,800.00	6,840.00	6,715.00	6,715.00	184.86	23.87	-90.00	-1,328.35	-9,236.96	3,862.62	3,661.20	201.41	19.177		
12,900.00	6,840.00	6,715.00	6,715.00	187.47	23.87	-90.00	-1,328.35	-9,236.96	3,818.03	3,613.10	204.93	18.631		
13,000.00	6,840.00	6,715.00	6,715.00	190.09	23.87	-90.00	-1,328.35	-9,236.96	3,775.57	3,567.13	208.43	18.114		
13,100.00	6,840.00	6,715.00	6,715.00	192.71	23.87	-90.00	-1,328.35	-9,236.96	3,735.29	3,523.38	211.91	17.627		
13,200.00	6,840.00	6,715.00	6,715.00	195.34	23.87	-90.00	-1,328.35	-9,236.96	3,697.29	3,481.93	215.36	17.168		
13,300.00	6,840.00	6,715.00	6,715.00	197.96	23.87	-90.00	-1,328.35	-9,236.96	3,661.63	3,442.87	218.76	16.738		
13,400.00	6,840.00	6,715.00	6,715.00	200.59	23.87	-90.00	-1,328.35	-9,236.96	3,628.37	3,406.26	222.10	16.337		
13,500.00	6,840.00	6,715.00	6,715.00	203.22	23.87	-90.00	-1,328.35	-9,236.96	3,597.58	3,372.20	225.38	15.963		
13,600.00	6,840.00	6,715.00	6,715.00	205.85	23.87	-90.00	-1,328.35	-9,236.96	3,569.33	3,340.76	228.57	15.616		
13,700.00	6,840.00	6,715.00	6,715.00	208.49	23.87	-90.00	-1,328.35	-9,236.96	3,543.68	3,312.01	231.67	15.296		
13,800.00	6,840.00	6,715.00	6,715.00	211.13	23.87	-90.00	-1,328.35	-9,236.96	3,520.68	3,286.02	234.66	15.003		
13,900.00	6,840.00	6,715.00	6,715.00	213.77	23.87	-90.00	-1,328.35	-9,236.96	3,500.39	3,262.85	237.54	14.736		
14,000.00	6,840.00	6,715.00	6,715.00	216.41	23.87	-90.00	-1,328.35	-9,236.96	3,482.85	3,242.57	240.28	14.495		
14,100.00	6,840.00	6,715.00	6,715.00	219.06	23.87	-90.00	-1,328.35	-9,236.96	3,468.11	3,225.22	242.88	14.279		
14,200.00	6,840.00	6,715.00	6,715.00	221.70	23.87	-90.00	-1,328.35	-9,236.96	3,456.20	3,210.87	245.33	14.088		
14,300.00	6,840.00	6,715.00	6,715.00	224.35	23.87	-90.00	-1,328.35	-9,236.96	3,447.15	3,199.53	247.62	13.921		
14,400.00	6,840.00	6,715.00	6,715.00	227.00	23.87	-90.00	-1,328.35	-9,236.96	3,440.99	3,191.25	249.74	13.778		
14,500.00	6,840.00	6,715.00	6,715.00	229.65	23.87	-90.00	-1,328.35	-9,236.96	3,437.72	3,186.04	251.68	13.659		
14,562.32	6,840.00	6,715.00	6,715.00	231.30	23.87	-90.00	-1,328.35	-9,236.96	3,437.16	3,184.36	252.80	13.596 CC		
14,600.00	6,840.00	6,715.00	6,715.00	232.30	23.87	-90.00	-1,328.35	-9,236.96	3,437.36	3,183.92	253.44	13.563 ES		
14,700.00	6,840.00	6,715.00	6,715.00	234.96	23.87	-90.00	-1,328.35	-9,236.96	3,439.91	3,184.91	255.01	13.490		
14,800.00	6,840.00	6,715.00	6,715.00	237.61	23.87	-90.00	-1,328.35	-9,236.96	3,445.36	3,188.98	256.38	13.438		
14,900.00	6,840.00	6,715.00	6,715.00	240.27	23.87	-90.00	-1,328.35	-9,236.96	3,453.70	3,196.14	257.56	13.409		
15,000.00	6,840.00	6,715.00	6,715.00	242.93	23.87	-90.00	-1,328.35	-9,236.96	3,464.91	3,206.36	258.55	13.401 SF		
15,100.00	6,840.00	6,715.00	6,715.00	245.59	23.87	-90.00	-1,328.35	-9,236.96	3,478.96	3,219.61	259.35	13.414		
15,200.00	6,840.00	6,715.00	6,715.00	248.25	23.87	-90.00	-1,328.35	-9,236.96	3,495.81	3,235.85	259.96	13.448		
15,300.00	6,840.00	6,715.00	6,715.00	250.92	23.87	-90.00	-1,328.35	-9,236.96	3,515.42	3,255.05	260.38	13.501		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	23.87	-90.00	-1,328.35	-9,236.96	3,537.76	3,277.14	260.61	13.575		
15,500.00	6,840.00	6,715.00	6,715.00	256.25	23.87	-90.00	-1,328.35	-9,236.96	3,562.76	3,302.08	260.68	13.667		
15,600.00	6,840.00	6,715.00	6,715.00	258.91	23.87	-90.00	-1,328.35	-9,236.96	3,590.38	3,329.80	260.58	13.779		
15,700.00	6,840.00	6,715.00	6,715.00	261.58	23.87	-90.00	-1,328.35	-9,236.96	3,620.55	3,360.23	260.31	13.908		
15,800.00	6,840.00	6,715.00	6,715.00	264.25	23.87	-90.00	-1,328.35	-9,236.96	3,653.20	3,393.30	259.90	14.056		
15,900.00	6,840.00	6,715.00	6,715.00	266.92	23.87	-90.00	-1,328.35	-9,236.96	3,688.28	3,428.94	259.34	14.222		
16,000.00	6,840.00	6,715.00	6,715.00	269.59	23.87	-90.00	-1,328.35	-9,236.96	3,725.72	3,467.06	258.65	14.404		
16,100.00	6,840.00	6,715.00	6,715.00	272.26	23.87	-90.00	-1,328.35	-9,236.96	3,765.43	3,507.59	257.84	14.604		
16,200.00	6,840.00	6,715.00	6,715.00	274.94	23.87	-90.00	-1,328.35	-9,236.96	3,807.36	3,550.45	256.92	14.820		
16,300.00	6,840.00	6,715.00	6,715.00	277.61	23.87	-90.00	-1,328.35	-9,236.96	3,851.44	3,595.55	255.89	15.051		
16,400.00	6,840.00	6,715.00	6,715.00	280.28	23.87	-90.00	-1,328.35	-9,236.96	3,897.58	3,642.81	254.76	15.299		
16,500.00	6,840.00	6,715.00	6,715.00	282.96	23.87	-90.00	-1,328.35	-9,236.96	3,945.71	3,692.16	253.55	15.562		
16,600.00	6,840.00	6,715.00	6,715.00	285.64	23.87	-90.00	-1,328.35	-9,236.96	3,995.77	3,743.50	252.26	15.840		
16,700.00	6,840.00	6,715.00	6,715.00	288.31	23.87	-90.00	-1,328.35	-9,236.96	4,047.68	3,796.77	250.91	16.132		
16,800.00	6,840.00	6,715.00	6,715.00	290.99	23.87	-90.00	-1,328.35	-9,236.96	4,101.37	3,851.87	249.50	16.439		
16,900.00	6,840.00	6,715.00	6,715.00	293.67	23.87	-90.00	-1,328.35	-9,236.96	4,156.77	3,908.74	248.03	16.759		
17,000.00	6,840.00	6,715.00	6,715.00	296.35	23.87	-90.00	-1,328.35	-9,236.96	4,213.82	3,967.30	246.52	17.093		
17,100.00	6,840.00	6,715.00	6,715.00	299.03	23.87	-90.00	-1,328.35	-9,236.96	4,272.45	4,027.48	244.98	17.440		
17,200.00	6,840.00	6,715.00	6,715.00	301.71	23.87	-90.00	-1,328.35	-9,236.96	4,332.60	4,089.20	243.40	17.800		
17,300.00	6,840.00	6,715.00	6,715.00	304.39	23.87	-90.00	-1,328.35	-9,236.96	4,394.19	4,152.40	241.80	18.173		
17,400.00	6,840.00	6,715.00	6,715.00	307.08	23.87	-90.00	-1,328.35	-9,236.96	4,457.18	4,217.01	240.17	18.558		
17,500.00	6,840.00	6,715.00	6,715.00	309.76	23.87	-90.00	-1,328.35	-9,236.96	4,521.50	4,282.97	238.54	18.955		
17,600.00	6,840.00	6,715.00	6,715.00	312.44	23.87	-90.00	-1,328.35	-9,236.96	4,587.10	4,350.21	236.89	19.364		
17,700.00	6,840.00	6,715.00	6,715.00	315.13	23.87	-90.00	-1,328.35	-9,236.96	4,653.93	4,418.69	235.24	19.784		
17,800.00	6,840.00	6,715.00	6,715.00	317.81	23.87	-90.00	-1,328.35	-9,236.96	4,721.93	4,488.34	233.58	20.215		
17,900.00	6,840.00	6,715.00	6,715.00	320.50	23.87	-90.00	-1,328.35	-9,236.96	4,791.05	4,559.11	231.93	20.657		
18,000.00	6,840.00	6,715.00	6,715.00	323.19	23.87	-90.00	-1,328.35	-9,236.96	4,861.24	4,630.96	230.28	21.110		
18,100.00	6,840.00	6,715.00	6,715.00	325.87	23.87	-90.00	-1,328.35	-9,236.96	4,932.46	4,703.82	228.64	21.573		
18,200.00	6,840.00	6,715.00	6,715.00	328.56	23.87	-90.00	-1,328.35	-9,236.96	5,004.67	4,777.66	227.01	22.046		
18,300.00	6,840.00	6,715.00	6,715.00	331.25	23.87	-90.00	-1,328.35	-9,236.96	5,077.82	4,852.43	225.40	22.528		
18,400.00	6,840.00	6,715.00	6,715.00	333.94	23.87	-90.00	-1,328.35	-9,236.96	5,151.87	4,928.08	223.79	23.021		
18,500.00	6,840.00	6,715.00	6,715.00	336.63	23.87	-90.00	-1,328.35	-9,236.96	5,226.79	5,004.59	222.20	23.523		
18,600.00	6,840.00	6,715.00	6,715.00	339.32	23.87	-90.00	-1,328.35	-9,236.96	5,302.53	5,081.90	220.63	24.033		
18,700.00	6,840.00	6,715.00	6,715.00	342.01	23.87	-90.00	-1,328.35	-9,236.96	5,379.07	5,159.99	219.08	24.553		
18,800.00	6,840.00	6,715.00	6,715.00	344.70	23.87	-90.00	-1,328.35	-9,236.96	5,456.37	5,238.82	217.54	25.082		
18,900.00	6,840.00	6,715.00	6,715.00	347.39	23.87	-90.00	-1,328.35	-9,236.96	5,534.39	5,318.36	216.03	25.618		
19,000.00	6,840.00	6,715.00	6,715.00	350.08	23.87	-90.00	-1,328.35	-9,236.96	5,613.11	5,398.57	214.54	26.164		
19,100.00	6,840.00	6,715.00	6,715.00	352.77	23.87	-90.00	-1,328.35	-9,236.96	5,692.50	5,479.43	213.07	26.717		
19,200.00	6,840.00	6,715.00	6,715.00	355.46	23.87	-90.00	-1,328.35	-9,236.96	5,772.53	5,560.91	211.62	27.278		
19,300.00	6,840.00	6,715.00	6,715.00	358.16	23.87	-90.00	-1,328.35	-9,236.96	5,853.17	5,642.98	210.20	27.846		
19,400.00	6,840.00	6,715.00	6,715.00	360.85	23.87	-90.00	-1,328.35	-9,236.96	5,934.40	5,725.61	208.79	28.422		
19,500.00	6,840.00	6,715.00	6,715.00	363.54	23.87	-90.00	-1,328.35	-9,236.96	6,016.20	5,808.79	207.41	29.006		
19,600.00	6,840.00	6,715.00	6,715.00	366.24	23.87	-90.00	-1,328.35	-9,236.96	6,098.54	5,892.49	206.06	29.596		
19,700.00	6,840.00	6,715.00	6,715.00	368.93	23.87	-90.00	-1,328.35	-9,236.96	6,181.40	5,976.68	204.73	30.194		
19,800.00	6,840.00	6,715.00	6,715.00	371.63	23.87	-90.00	-1,328.35	-9,236.96	6,264.77	6,061.35	203.42	30.798		
19,900.00	6,840.00	6,715.00	6,715.00	374.32	23.87	-90.00	-1,328.35	-9,236.96	6,348.61	6,146.48	202.13	31.408		
20,000.00	6,840.00	6,715.00	6,715.00	377.02	23.87	-90.00	-1,328.35	-9,236.96	6,432.91	6,232.05	200.87	32.026		
20,100.00	6,840.00	6,715.00	6,715.00	379.71	23.87	-90.00	-1,328.35	-9,236.96	6,517.66	6,318.03	199.63	32.649		
20,200.00	6,840.00	6,715.00	6,715.00	382.41	23.87	-90.00	-1,328.35	-9,236.96	6,602.84	6,404.43	198.41	33.279		
20,300.00	6,840.00	6,715.00	6,715.00	385.11	23.87	-90.00	-1,328.35	-9,236.96	6,688.42	6,491.21	197.22	33.914		
20,400.00	6,840.00	6,715.00	6,715.00	387.80	23.87	-90.00	-1,328.35	-9,236.96	6,774.40	6,578.36	196.04	34.556		
20,500.00	6,840.00	6,715.00	6,715.00	390.50	23.87	-90.00	-1,328.35	-9,236.96	6,860.76	6,665.87	194.89	35.203		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,715.00	6,715.00	393.20	23.87	-90.00	-1,328.35	-9,236.96	6,947.49	6,753.72	193.77	35.855	
20,691.67	6,840.00	6,715.00	6,715.00	395.67	23.87	-90.00	-1,328.35	-9,236.96	7,027.30	6,834.55	192.75	36.458	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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-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	-100.85	-1,869.87	-9,754.76	9,933.04					
100.00	100.00	0.00	0.00	0.13	0.00	-100.85	-1,869.87	-9,754.76	9,932.37	9,932.24	0.13	N/A		
140.16	140.16	23.16	23.16	0.28	0.18	-100.85	-1,869.87	-9,754.76	9,932.36	9,931.90	0.46	N/A		
200.00	200.00	83.00	83.00	0.49	0.65	-100.85	-1,869.87	-9,754.76	9,932.36	9,931.21	1.14	8,676.215		
300.00	300.00	183.00	183.00	0.85	2.23	-100.85	-1,869.87	-9,754.76	9,932.36	9,929.27	3.09	3,219.155		
400.00	399.98	282.98	282.98	1.21	3.98	-56.24	-1,869.87	-9,754.76	9,931.39	9,926.20	5.19	1,914.737		
500.00	499.84	382.84	382.84	1.57	5.72	-56.32	-1,869.87	-9,754.76	9,928.48	9,921.19	7.29	1,362.224		
600.00	599.45	482.45	482.45	1.94	7.46	-56.44	-1,869.87	-9,754.76	9,923.64	9,914.24	9.39	1,056.494		
700.00	698.70	581.70	581.70	2.32	9.19	-56.61	-1,869.87	-9,754.76	9,916.88	9,905.38	11.50	862.159		
800.00	797.47	680.47	680.47	2.73	10.92	-56.83	-1,869.87	-9,754.76	9,908.22	9,894.60	13.62	727.525		
900.00	895.62	778.62	778.62	3.16	12.63	-57.10	-1,869.87	-9,754.76	9,897.68	9,881.94	15.75	628.597		
1,000.00	993.06	876.06	876.06	3.63	14.33	-57.42	-1,869.87	-9,754.76	9,885.29	9,867.41	17.88	552.723		
1,100.00	1,089.64	972.64	972.64	4.14	16.02	-57.78	-1,869.87	-9,754.76	9,871.08	9,851.04	20.04	492.600		
1,200.00	1,185.27	1,068.27	1,068.27	4.70	17.68	-58.20	-1,869.87	-9,754.76	9,855.08	9,832.87	22.21	443.723		
1,300.00	1,279.82	1,162.82	1,162.82	5.30	19.34	-58.66	-1,869.87	-9,754.76	9,837.34	9,812.94	24.40	403.160		
1,400.00	1,373.17	1,256.17	1,256.17	5.96	20.96	-59.17	-1,869.87	-9,754.76	9,817.90	9,791.28	26.61	368.922		
1,500.00	1,465.21	1,348.21	1,348.21	6.67	22.57	-59.73	-1,869.87	-9,754.76	9,796.80	9,767.96	28.85	339.611		
1,600.00	1,555.84	1,438.84	1,438.84	7.44	24.15	-60.33	-1,869.87	-9,754.76	9,774.11	9,743.01	31.11	314.219		
1,700.00	1,645.41	1,528.41	1,528.41	8.26	25.72	-60.63	-1,869.87	-9,754.76	9,750.38	9,716.99	33.39	292.046		
1,800.00	1,734.94	1,617.94	1,617.94	9.09	27.28	-60.85	-1,869.87	-9,754.76	9,726.74	9,691.06	35.68	272.583		
1,900.00	1,824.47	1,707.47	1,707.47	9.94	28.84	-61.06	-1,869.87	-9,754.76	9,703.26	9,665.26	37.99	255.385		
2,000.00	1,913.99	1,803.01	1,796.99	10.80	30.51	-61.27	-1,869.87	-9,754.76	9,679.92	9,639.50	40.42	239.471		
2,100.00	2,003.52	1,886.52	1,886.52	11.66	31.97	-61.48	-1,869.87	-9,754.76	9,656.73	9,614.08	42.65	226.422		
2,200.00	2,093.05	1,976.05	1,976.05	12.53	33.53	-61.70	-1,869.87	-9,754.76	9,633.69	9,588.70	44.99	214.131		
2,300.00	2,182.58	2,065.58	2,065.58	13.40	35.09	-61.91	-1,869.87	-9,754.76	9,610.81	9,563.47	47.34	203.028		
2,400.00	2,272.11	2,155.11	2,155.11	14.28	36.65	-62.13	-1,869.87	-9,754.76	9,588.07	9,538.38	49.69	192.952		
2,500.00	2,361.63	2,244.63	2,244.63	15.16	38.22	-62.34	-1,869.87	-9,754.76	9,565.49	9,513.44	52.05	183.770		
2,600.00	2,451.16	2,334.16	2,334.16	16.04	39.78	-62.56	-1,869.87	-9,754.76	9,543.06	9,488.65	54.42	175.370		
2,700.00	2,540.69	2,423.69	2,423.69	16.92	41.34	-62.78	-1,869.87	-9,754.76	9,520.79	9,464.01	56.79	167.657		
2,800.00	2,630.22	2,513.22	2,513.22	17.81	42.90	-63.00	-1,869.87	-9,754.76	9,498.68	9,439.52	59.16	160.553		
2,900.00	2,719.75	2,602.75	2,602.75	18.70	44.47	-63.22	-1,869.87	-9,754.76	9,476.72	9,415.18	61.54	153.990		
3,000.00	2,809.28	2,707.72	2,692.28	19.58	46.30	-63.44	-1,869.87	-9,754.76	9,454.92	9,390.73	64.19	147.286		
3,100.00	2,898.80	2,781.80	2,781.80	20.47	47.59	-63.66	-1,869.87	-9,754.76	9,433.29	9,366.97	66.31	142.256		
3,200.00	2,988.33	2,871.33	2,871.33	21.36	49.15	-63.89	-1,869.87	-9,754.76	9,411.81	9,343.11	68.70	136.992		
3,300.00	3,077.86	2,960.86	2,960.86	22.26	50.72	-64.11	-1,869.87	-9,754.76	9,390.50	9,319.40	71.10	132.078		
3,400.00	3,167.39	3,050.39	3,050.39	23.15	52.28	-64.33	-1,869.87	-9,754.76	9,369.34	9,295.85	73.50	127.481		
3,500.00	3,256.92	3,139.92	3,139.92	24.04	53.84	-64.56	-1,869.87	-9,754.76	9,348.36	9,272.46	75.90	123.170		
3,600.00	3,346.44	3,229.44	3,229.44	24.93	55.40	-64.79	-1,869.87	-9,754.76	9,327.54	9,249.23	78.30	119.121		
3,700.00	3,435.97	3,318.97	3,318.97	25.83	56.97	-65.01	-1,869.87	-9,754.76	9,306.88	9,226.17	80.71	115.311		
3,800.00	3,525.50	3,408.50	3,408.50	26.72	58.53	-65.24	-1,869.87	-9,754.76	9,286.40	9,203.27	83.12	111.720		
3,900.00	3,615.03	3,501.97	3,498.03	27.62	60.16	-65.47	-1,869.87	-9,754.76	9,266.08	9,180.47	85.61	108.242		
4,000.00	3,704.56	3,587.56	3,587.56	28.51	61.65	-65.70	-1,869.87	-9,754.76	9,245.93	9,157.98	87.95	105.122		
4,100.00	3,794.09	3,677.09	3,677.09	29.41	63.22	-65.93	-1,869.87	-9,754.76	9,225.96	9,135.58	90.37	102.086		
4,200.00	3,883.61	3,766.61	3,766.61	30.30	64.78	-66.16	-1,869.87	-9,754.76	9,206.15	9,113.35	92.80	99.206		
4,300.00	3,973.14	3,856.14	3,856.14	31.20	66.34	-66.39	-1,869.87	-9,754.76	9,186.52	9,091.30	95.22	96.473		
4,400.00	4,062.67	3,945.67	3,945.67	32.10	67.91	-66.62	-1,869.87	-9,754.76	9,167.06	9,069.41	97.65	93.874		
4,500.00	4,152.20	4,035.20	4,035.20	32.99	69.47	-66.86	-1,869.87	-9,754.76	9,147.78	9,047.70	100.08	91.400		
4,600.00	4,241.73	4,124.73	4,124.73	33.89	71.03	-67.09	-1,869.87	-9,754.76	9,128.68	9,026.16	102.52	89.043		
4,700.00	4,331.26	4,214.26	4,214.26	34.79	72.59	-67.33	-1,869.87	-9,754.76	9,109.75	9,004.80	104.96	86.795		
4,800.00	4,420.78	4,303.78	4,303.78	35.69	74.16	-67.56	-1,869.87	-9,754.76	9,091.01	8,983.61	107.40	84.649		
4,900.00	4,510.31	4,406.69	4,393.31	36.58	75.95	-67.80	-1,869.87	-9,754.76	9,072.44	8,962.37	110.07	82.423		
5,000.00	4,599.84	4,482.84	4,482.84	37.48	77.28	-68.04	-1,869.87	-9,754.76	9,054.05	8,941.77	112.28	80.636		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,572.37	4,572.37	38.38	78.84	-68.28	-1,869.87	-9,754.76	9,035.85	8,921.12	114.73	78.757		
5,200.00	4,778.90	4,661.90	4,661.90	39.28	80.41	-68.52	-1,869.87	-9,754.76	9,017.83	8,900.65	117.18	76.957		
5,300.00	4,868.42	4,751.42	4,751.42	40.18	81.97	-68.76	-1,869.87	-9,754.76	8,999.99	8,880.36	119.63	75.230		
5,400.00	4,957.95	4,840.95	4,840.95	41.07	83.53	-69.00	-1,869.87	-9,754.76	8,982.34	8,860.25	122.09	73.573		
5,500.00	5,047.48	4,930.48	4,930.48	41.97	85.09	-69.24	-1,869.87	-9,754.76	8,964.88	8,840.33	124.54	71.981		
5,600.00	5,137.01	5,020.01	5,020.01	42.87	86.66	-69.48	-1,869.87	-9,754.76	8,947.60	8,820.60	127.00	70.451		
5,700.00	5,226.54	5,109.54	5,109.54	43.77	88.22	-69.72	-1,869.87	-9,754.76	8,930.51	8,801.05	129.47	68.980		
5,800.00	5,316.07	5,200.93	5,199.07	44.67	89.81	-69.97	-1,869.87	-9,754.76	8,913.62	8,781.65	131.96	67.547		
5,900.00	5,405.59	5,288.59	5,288.59	45.57	91.34	-70.21	-1,869.87	-9,754.76	8,896.91	8,762.51	134.40	66.200		
6,000.00	5,495.12	5,378.12	5,378.12	46.47	92.91	-70.46	-1,869.87	-9,754.76	8,880.39	8,743.53	136.86	64.885		
6,100.00	5,584.65	5,467.65	5,467.65	47.37	94.47	-70.71	-1,869.87	-9,754.76	8,864.07	8,724.74	139.33	63.618		
6,200.00	5,674.18	5,557.18	5,557.18	48.27	96.03	-70.95	-1,869.87	-9,754.76	8,847.95	8,706.14	141.81	62.395		
6,300.00	5,763.71	5,646.71	5,646.71	49.16	97.59	-71.20	-1,869.87	-9,754.76	8,832.01	8,687.73	144.28	61.215		
6,400.00	5,853.23	5,736.23	5,736.23	50.06	99.16	-71.45	-1,869.87	-9,754.76	8,816.28	8,669.52	146.76	60.074		
6,500.00	5,942.76	5,825.76	5,825.76	50.96	100.72	-71.70	-1,869.87	-9,754.76	8,800.74	8,651.51	149.23	58.973		
6,600.00	6,032.29	5,915.29	5,915.29	51.86	102.28	-71.95	-1,869.87	-9,754.76	8,785.40	8,633.69	151.71	57.908		
6,700.00	6,121.82	6,004.82	6,004.82	52.76	103.84	-72.20	-1,869.87	-9,754.76	8,770.26	8,616.06	154.20	56.878		
6,800.00	6,211.35	6,105.65	6,094.35	53.66	105.60	-72.45	-1,869.87	-9,754.76	8,755.32	8,598.44	156.88	55.810		
6,900.00	6,300.88	6,183.88	6,183.88	54.56	106.97	-72.70	-1,869.87	-9,754.76	8,740.58	8,581.42	159.16	54.916		
7,000.00	6,390.40	6,273.40	6,273.40	55.46	108.53	-72.95	-1,869.87	-9,754.76	8,726.05	8,564.40	161.65	53.981		
7,100.00	6,479.90	6,362.90	6,362.90	56.36	110.09	-71.59	-1,869.87	-9,754.76	8,711.61	8,547.47	164.14	53.074		
7,200.00	6,565.62	6,448.62	6,448.62	57.41	111.59	-61.95	-1,869.87	-9,754.76	8,687.97	8,521.31	166.66	52.129		
7,300.00	6,643.25	6,526.25	6,526.25	58.67	112.94	-57.55	-1,869.87	-9,754.76	8,649.77	8,480.59	169.18	51.127		
7,400.00	6,710.45	6,606.55	6,593.45	60.11	114.35	-56.79	-1,869.87	-9,754.76	8,598.23	8,426.38	171.84	50.035		
7,500.00	6,765.16	6,648.16	6,648.16	61.71	115.07	-59.12	-1,869.87	-9,754.76	8,534.95	8,361.06	173.89	49.083		
7,600.00	6,805.74	6,688.74	6,688.74	63.40	115.78	-64.78	-1,869.87	-9,754.76	8,461.88	8,285.96	175.92	48.101		
7,700.00	6,830.93	6,713.93	6,713.93	65.14	116.22	-74.53	-1,869.87	-9,754.76	8,381.22	8,203.58	177.64	47.180		
7,800.00	6,839.98	6,722.98	6,722.98	66.86	116.38	-89.12	-1,869.87	-9,754.76	8,295.38	8,116.39	178.99	46.346		
7,900.00	6,840.00	6,723.00	6,723.00	68.58	116.38	-90.00	-1,869.87	-9,754.76	8,207.79	8,027.67	180.13	45.566		
8,000.00	6,840.00	6,723.00	6,723.00	70.35	116.38	-90.00	-1,869.87	-9,754.76	8,120.49	7,939.19	181.30	44.790		
8,100.00	6,840.00	6,723.00	6,723.00	72.18	116.38	-90.00	-1,869.87	-9,754.76	8,033.48	7,850.97	182.51	44.017		
8,200.00	6,840.00	6,723.00	6,723.00	74.06	116.38	-90.00	-1,869.87	-9,754.76	7,946.77	7,763.02	183.76	43.247		
8,300.00	6,840.00	6,723.00	6,723.00	75.98	116.38	-90.00	-1,869.87	-9,754.76	7,860.39	7,675.35	185.04	42.480		
8,400.00	6,840.00	6,723.00	6,723.00	77.96	116.38	-90.00	-1,869.87	-9,754.76	7,774.33	7,587.97	186.36	41.717		
8,500.00	6,840.00	6,723.00	6,723.00	79.97	116.38	-90.00	-1,869.87	-9,754.76	7,688.60	7,500.88	187.72	40.958		
8,600.00	6,840.00	6,723.00	6,723.00	82.03	116.38	-90.00	-1,869.87	-9,754.76	7,603.23	7,414.11	189.12	40.203		
8,700.00	6,840.00	6,723.00	6,723.00	84.12	116.38	-90.00	-1,869.87	-9,754.76	7,518.21	7,327.65	190.56	39.454		
8,800.00	6,840.00	6,723.00	6,723.00	86.25	116.38	-90.00	-1,869.87	-9,754.76	7,433.57	7,241.53	192.04	38.709		
8,900.00	6,840.00	6,723.00	6,723.00	88.41	116.38	-90.00	-1,869.87	-9,754.76	7,349.31	7,155.75	193.56	37.969		
9,000.00	6,840.00	6,723.00	6,723.00	90.60	116.38	-90.00	-1,869.87	-9,754.76	7,265.46	7,070.33	195.13	37.235		
9,100.00	6,840.00	6,723.00	6,723.00	92.82	116.38	-90.00	-1,869.87	-9,754.76	7,182.01	6,985.28	196.74	36.506		
9,200.00	6,840.00	6,723.00	6,723.00	95.07	116.38	-90.00	-1,869.87	-9,754.76	7,099.00	6,900.61	198.39	35.783		
9,300.00	6,840.00	6,723.00	6,723.00	97.34	116.38	-90.00	-1,869.87	-9,754.76	7,016.42	6,816.34	200.08	35.067		
9,400.00	6,840.00	6,723.00	6,723.00	99.64	116.38	-90.00	-1,869.87	-9,754.76	6,934.31	6,732.48	201.83	34.358		
9,500.00	6,840.00	6,723.00	6,723.00	101.95	116.38	-90.00	-1,869.87	-9,754.76	6,852.67	6,649.05	203.62	33.655		
9,600.00	6,840.00	6,723.00	6,723.00	104.29	116.38	-90.00	-1,869.87	-9,754.76	6,771.52	6,566.07	205.45	32.959		
9,700.00	6,840.00	6,723.00	6,723.00	106.64	116.38	-90.00	-1,869.87	-9,754.76	6,690.89	6,483.55	207.34	32.271		
9,800.00	6,840.00	6,723.00	6,723.00	109.02	116.38	-90.00	-1,869.87	-9,754.76	6,610.78	6,401.51	209.27	31.590		
9,900.00	6,840.00	6,723.00	6,723.00	111.41	116.38	-90.00	-1,869.87	-9,754.76	6,531.22	6,319.97	211.25	30.917		
10,000.00	6,840.00	6,723.00	6,723.00	113.81	116.38	-90.00	-1,869.87	-9,754.76	6,452.24	6,238.95	213.29	30.252		
10,100.00	6,840.00	6,723.00	6,723.00	116.23	116.38	-90.00	-1,869.87	-9,754.76	6,373.84	6,158.47	215.37	29.595		
10,200.00	6,840.00	6,723.00	6,723.00	118.67	116.38	-90.00	-1,869.87	-9,754.76	6,296.05	6,078.55	217.50	28.947		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	116.38	-90.00	-1,869.87	-9,754.76	6,218.90	5,999.21	219.69	28.307		
10,400.00	6,840.00	6,723.00	6,723.00	123.57	116.38	-90.00	-1,869.87	-9,754.76	6,142.41	5,920.47	221.93	27.677		
10,500.00	6,840.00	6,723.00	6,723.00	126.04	116.38	-90.00	-1,869.87	-9,754.76	6,066.60	5,842.37	224.23	27.056		
10,600.00	6,840.00	6,723.00	6,723.00	128.52	116.38	-90.00	-1,869.87	-9,754.76	5,991.50	5,764.92	226.58	26.444		
10,700.00	6,840.00	6,723.00	6,723.00	131.01	116.38	-90.00	-1,869.87	-9,754.76	5,917.14	5,688.16	228.98	25.841		
10,800.00	6,840.00	6,723.00	6,723.00	133.51	116.38	-90.00	-1,869.87	-9,754.76	5,843.54	5,612.10	231.44	25.249		
10,900.00	6,840.00	6,723.00	6,723.00	136.02	116.38	-90.00	-1,869.87	-9,754.76	5,770.74	5,536.79	233.95	24.667		
11,000.00	6,840.00	6,723.00	6,723.00	138.53	116.38	-90.00	-1,869.87	-9,754.76	5,698.76	5,462.24	236.52	24.094		
11,100.00	6,840.00	6,723.00	6,723.00	141.06	116.38	-90.00	-1,869.87	-9,754.76	5,627.64	5,388.50	239.14	23.533		
11,200.00	6,840.00	6,723.00	6,723.00	143.59	116.38	-90.00	-1,869.87	-9,754.76	5,557.41	5,315.58	241.82	22.981		
11,300.00	6,840.00	6,723.00	6,723.00	146.13	116.38	-90.00	-1,869.87	-9,754.76	5,488.10	5,243.54	244.56	22.441		
11,400.00	6,840.00	6,723.00	6,723.00	148.68	116.38	-90.00	-1,869.87	-9,754.76	5,419.75	5,172.40	247.35	21.912		
11,500.00	6,840.00	6,723.00	6,723.00	151.23	116.38	-90.00	-1,869.87	-9,754.76	5,352.39	5,102.20	250.19	21.393		
11,600.00	6,840.00	6,723.00	6,723.00	153.79	116.38	-90.00	-1,869.87	-9,754.76	5,286.07	5,032.99	253.09	20.886		
11,700.00	6,840.00	6,723.00	6,723.00	156.35	116.38	-90.00	-1,869.87	-9,754.76	5,220.83	4,964.79	256.04	20.391		
11,800.00	6,840.00	6,723.00	6,723.00	158.92	116.38	-90.00	-1,869.87	-9,754.76	5,156.69	4,897.65	259.04	19.907		
11,900.00	6,840.00	6,723.00	6,723.00	161.49	116.38	-90.00	-1,869.87	-9,754.76	5,093.71	4,831.62	262.09	19.435		
12,000.00	6,840.00	6,723.00	6,723.00	164.07	116.38	-90.00	-1,869.87	-9,754.76	5,031.93	4,766.74	265.19	18.975		
12,100.00	6,840.00	6,723.00	6,723.00	166.66	116.38	-90.00	-1,869.87	-9,754.76	4,971.40	4,703.06	268.34	18.527		
12,200.00	6,840.00	6,723.00	6,723.00	169.25	116.38	-90.00	-1,869.87	-9,754.76	4,912.16	4,640.63	271.53	18.091		
12,300.00	6,840.00	6,723.00	6,723.00	171.84	116.38	-90.00	-1,869.87	-9,754.76	4,854.25	4,579.49	274.76	17.667		
12,400.00	6,840.00	6,723.00	6,723.00	174.44	116.38	-90.00	-1,869.87	-9,754.76	4,797.73	4,519.69	278.03	17.256		
12,500.00	6,840.00	6,723.00	6,723.00	177.04	116.38	-90.00	-1,869.87	-9,754.76	4,742.64	4,461.30	281.34	16.858		
12,600.00	6,840.00	6,723.00	6,723.00	179.64	116.38	-90.00	-1,869.87	-9,754.76	4,689.04	4,404.36	284.67	16.472		
12,700.00	6,840.00	6,723.00	6,723.00	182.25	116.38	-90.00	-1,869.87	-9,754.76	4,636.97	4,348.94	288.04	16.098		
12,800.00	6,840.00	6,723.00	6,723.00	184.86	116.38	-90.00	-1,869.87	-9,754.76	4,586.50	4,295.07	291.43	15.738		
12,900.00	6,840.00	6,723.00	6,723.00	187.47	116.38	-90.00	-1,869.87	-9,754.76	4,537.67	4,242.84	294.83	15.391		
13,000.00	6,840.00	6,723.00	6,723.00	190.09	116.38	-90.00	-1,869.87	-9,754.76	4,490.53	4,192.29	298.25	15.056		
13,100.00	6,840.00	6,723.00	6,723.00	192.71	116.38	-90.00	-1,869.87	-9,754.76	4,445.15	4,143.48	301.67	14.735		
13,200.00	6,840.00	6,723.00	6,723.00	195.34	116.38	-90.00	-1,869.87	-9,754.76	4,401.57	4,096.48	305.09	14.427		
13,300.00	6,840.00	6,723.00	6,723.00	197.96	116.38	-90.00	-1,869.87	-9,754.76	4,359.84	4,051.34	308.50	14.132		
13,400.00	6,840.00	6,723.00	6,723.00	200.59	116.38	-90.00	-1,869.87	-9,754.76	4,320.03	4,008.13	311.91	13.850		
13,500.00	6,840.00	6,723.00	6,723.00	203.22	116.38	-90.00	-1,869.87	-9,754.76	4,282.19	3,966.90	315.28	13.582		
13,600.00	6,840.00	6,723.00	6,723.00	205.85	116.38	-90.00	-1,869.87	-9,754.76	4,246.36	3,927.73	318.63	13.327		
13,700.00	6,840.00	6,723.00	6,723.00	208.49	116.38	-90.00	-1,869.87	-9,754.76	4,212.60	3,890.66	321.94	13.085		
13,800.00	6,840.00	6,723.00	6,723.00	211.13	116.38	-90.00	-1,869.87	-9,754.76	4,180.97	3,855.76	325.21	12.856		
13,900.00	6,840.00	6,723.00	6,723.00	213.77	116.38	-90.00	-1,869.87	-9,754.76	4,151.50	3,823.08	328.42	12.641		
14,000.00	6,840.00	6,723.00	6,723.00	216.41	116.38	-90.00	-1,869.87	-9,754.76	4,124.24	3,792.68	331.56	12.439		
14,100.00	6,840.00	6,723.00	6,723.00	219.06	116.38	-90.00	-1,869.87	-9,754.76	4,099.25	3,764.61	334.64	12.250		
14,200.00	6,840.00	6,723.00	6,723.00	221.70	116.38	-90.00	-1,869.87	-9,754.76	4,076.55	3,738.92	337.63	12.074		
14,300.00	6,840.00	6,723.00	6,723.00	224.35	116.38	-90.00	-1,869.87	-9,754.76	4,056.20	3,715.67	340.53	11.911		
14,400.00	6,840.00	6,723.00	6,723.00	227.00	116.38	-90.00	-1,869.87	-9,754.76	4,038.22	3,694.88	343.33	11.762		
14,500.00	6,840.00	6,723.00	6,723.00	229.65	116.38	-90.00	-1,869.87	-9,754.76	4,022.64	3,676.61	346.03	11.625		
14,600.00	6,840.00	6,723.00	6,723.00	232.30	116.38	-90.00	-1,869.87	-9,754.76	4,009.50	3,660.89	348.61	11.501		
14,700.00	6,840.00	6,723.00	6,723.00	234.96	116.38	-90.00	-1,869.87	-9,754.76	3,998.82	3,647.75	351.07	11.390		
14,800.00	6,840.00	6,723.00	6,723.00	237.61	116.38	-90.00	-1,869.87	-9,754.76	3,990.61	3,637.22	353.40	11.292		
14,900.00	6,840.00	6,723.00	6,723.00	240.27	116.38	-90.00	-1,869.87	-9,754.76	3,984.90	3,629.31	355.59	11.206		
15,000.00	6,840.00	6,723.00	6,723.00	242.93	116.38	-90.00	-1,869.87	-9,754.76	3,981.70	3,624.05	357.65	11.133		
15,077.75	6,840.00	6,723.00	6,723.00	245.00	116.38	-90.00	-1,869.87	-9,754.76	3,980.94	3,621.79	359.14	11.084 CC		
15,100.00	6,840.00	6,723.00	6,723.00	245.59	116.38	-90.00	-1,869.87	-9,754.76	3,981.00	3,621.44	359.56	11.072 ES		
15,200.00	6,840.00	6,723.00	6,723.00	248.25	116.38	-90.00	-1,869.87	-9,754.76	3,982.81	3,621.50	361.32	11.023		
15,300.00	6,840.00	6,723.00	6,723.00	250.92	116.38	-90.00	-1,869.87	-9,754.76	3,987.14	3,624.21	362.93	10.986		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	116.38	-90.00	-1,869.87	-9,754.76	3,993.96	3,629.58	364.38	10.961		
15,500.00	6,840.00	6,723.00	6,723.00	256.25	116.38	-90.00	-1,869.87	-9,754.76	4,003.27	3,637.59	365.68	10.947		
15,600.00	6,840.00	6,723.00	6,723.00	258.91	116.38	-90.00	-1,869.87	-9,754.76	4,015.05	3,648.22	366.82	10.945 SF		
15,700.00	6,840.00	6,723.00	6,723.00	261.58	116.38	-90.00	-1,869.87	-9,754.76	4,029.27	3,661.46	367.81	10.955		
15,800.00	6,840.00	6,723.00	6,723.00	264.25	116.38	-90.00	-1,869.87	-9,754.76	4,045.92	3,677.28	368.65	10.975		
15,900.00	6,840.00	6,723.00	6,723.00	266.92	116.38	-90.00	-1,869.87	-9,754.76	4,064.97	3,695.64	369.33	11.006		
16,000.00	6,840.00	6,723.00	6,723.00	269.59	116.38	-90.00	-1,869.87	-9,754.76	4,086.37	3,716.50	369.86	11.048		
16,100.00	6,840.00	6,723.00	6,723.00	272.26	116.38	-90.00	-1,869.87	-9,754.76	4,110.09	3,739.84	370.25	11.101		
16,200.00	6,840.00	6,723.00	6,723.00	274.94	116.38	-90.00	-1,869.87	-9,754.76	4,136.10	3,765.60	370.50	11.163		
16,300.00	6,840.00	6,723.00	6,723.00	277.61	116.38	-90.00	-1,869.87	-9,754.76	4,164.34	3,793.73	370.62	11.236		
16,400.00	6,840.00	6,723.00	6,723.00	280.28	116.38	-90.00	-1,869.87	-9,754.76	4,194.78	3,824.18	370.60	11.319		
16,500.00	6,840.00	6,723.00	6,723.00	282.96	116.38	-90.00	-1,869.87	-9,754.76	4,227.37	3,856.91	370.46	11.411		
16,600.00	6,840.00	6,723.00	6,723.00	285.64	116.38	-90.00	-1,869.87	-9,754.76	4,262.06	3,891.86	370.20	11.513		
16,700.00	6,840.00	6,723.00	6,723.00	288.31	116.38	-90.00	-1,869.87	-9,754.76	4,298.79	3,928.96	369.82	11.624		
16,800.00	6,840.00	6,723.00	6,723.00	290.99	116.38	-90.00	-1,869.87	-9,754.76	4,337.51	3,968.17	369.34	11.744		
16,900.00	6,840.00	6,723.00	6,723.00	293.67	116.38	-90.00	-1,869.87	-9,754.76	4,378.18	4,009.42	368.76	11.873		
17,000.00	6,840.00	6,723.00	6,723.00	296.35	116.38	-90.00	-1,869.87	-9,754.76	4,420.74	4,052.65	368.09	12.010		
17,100.00	6,840.00	6,723.00	6,723.00	299.03	116.38	-90.00	-1,869.87	-9,754.76	4,465.13	4,097.80	367.33	12.156		
17,200.00	6,840.00	6,723.00	6,723.00	301.71	116.38	-90.00	-1,869.87	-9,754.76	4,511.30	4,144.81	366.49	12.310		
17,300.00	6,840.00	6,723.00	6,723.00	304.39	116.38	-90.00	-1,869.87	-9,754.76	4,559.20	4,193.63	365.57	12.471		
17,400.00	6,840.00	6,723.00	6,723.00	307.08	116.38	-90.00	-1,869.87	-9,754.76	4,608.77	4,244.18	364.59	12.641		
17,500.00	6,840.00	6,723.00	6,723.00	309.76	116.38	-90.00	-1,869.87	-9,754.76	4,659.95	4,296.41	363.54	12.818		
17,600.00	6,840.00	6,723.00	6,723.00	312.44	116.38	-90.00	-1,869.87	-9,754.76	4,712.71	4,350.27	362.44	13.003		
17,700.00	6,840.00	6,723.00	6,723.00	315.13	116.38	-90.00	-1,869.87	-9,754.76	4,766.98	4,405.69	361.29	13.194		
17,800.00	6,840.00	6,723.00	6,723.00	317.81	116.38	-90.00	-1,869.87	-9,754.76	4,822.71	4,462.61	360.10	13.393		
17,900.00	6,840.00	6,723.00	6,723.00	320.50	116.38	-90.00	-1,869.87	-9,754.76	4,879.85	4,520.99	358.86	13.598		
18,000.00	6,840.00	6,723.00	6,723.00	323.19	116.38	-90.00	-1,869.87	-9,754.76	4,938.36	4,580.77	357.59	13.810		
18,100.00	6,840.00	6,723.00	6,723.00	325.87	116.38	-90.00	-1,869.87	-9,754.76	4,998.19	4,641.90	356.29	14.029		
18,200.00	6,840.00	6,723.00	6,723.00	328.56	116.38	-90.00	-1,869.87	-9,754.76	5,059.28	4,704.32	354.96	14.253		
18,300.00	6,840.00	6,723.00	6,723.00	331.25	116.38	-90.00	-1,869.87	-9,754.76	5,121.60	4,767.99	353.61	14.484		
18,400.00	6,840.00	6,723.00	6,723.00	333.94	116.38	-90.00	-1,869.87	-9,754.76	5,185.10	4,832.86	352.24	14.720		
18,500.00	6,840.00	6,723.00	6,723.00	336.63	116.38	-90.00	-1,869.87	-9,754.76	5,249.73	4,898.88	350.86	14.963		
18,600.00	6,840.00	6,723.00	6,723.00	339.32	116.38	-90.00	-1,869.87	-9,754.76	5,315.46	4,966.00	349.46	15.210		
18,700.00	6,840.00	6,723.00	6,723.00	342.01	116.38	-90.00	-1,869.87	-9,754.76	5,382.25	5,034.19	348.06	15.464		
18,800.00	6,840.00	6,723.00	6,723.00	344.70	116.38	-90.00	-1,869.87	-9,754.76	5,450.05	5,103.40	346.65	15.722		
18,900.00	6,840.00	6,723.00	6,723.00	347.39	116.38	-90.00	-1,869.87	-9,754.76	5,518.83	5,173.60	345.23	15.986		
19,000.00	6,840.00	6,723.00	6,723.00	350.08	116.38	-90.00	-1,869.87	-9,754.76	5,588.55	5,244.74	343.82	16.254		
19,100.00	6,840.00	6,723.00	6,723.00	352.77	116.38	-90.00	-1,869.87	-9,754.76	5,659.19	5,316.78	342.40	16.528		
19,200.00	6,840.00	6,723.00	6,723.00	355.46	116.38	-90.00	-1,869.87	-9,754.76	5,730.69	5,389.70	340.99	16.806		
19,300.00	6,840.00	6,723.00	6,723.00	358.16	116.38	-90.00	-1,869.87	-9,754.76	5,803.04	5,463.46	339.59	17.089		
19,400.00	6,840.00	6,723.00	6,723.00	360.85	116.38	-90.00	-1,869.87	-9,754.76	5,876.20	5,538.02	338.19	17.376		
19,500.00	6,840.00	6,723.00	6,723.00	363.54	116.38	-90.00	-1,869.87	-9,754.76	5,950.14	5,613.35	336.79	17.667		
19,600.00	6,840.00	6,723.00	6,723.00	366.24	116.38	-90.00	-1,869.87	-9,754.76	6,024.84	5,689.43	335.41	17.963		
19,700.00	6,840.00	6,723.00	6,723.00	368.93	116.38	-90.00	-1,869.87	-9,754.76	6,100.25	5,766.22	334.04	18.262		
19,800.00	6,840.00	6,723.00	6,723.00	371.63	116.38	-90.00	-1,869.87	-9,754.76	6,176.37	5,843.70	332.67	18.566		
19,900.00	6,840.00	6,723.00	6,723.00	374.32	116.38	-90.00	-1,869.87	-9,754.76	6,253.16	5,921.84	331.32	18.873		
20,000.00	6,840.00	6,723.00	6,723.00	377.02	116.38	-90.00	-1,869.87	-9,754.76	6,330.60	6,000.61	329.99	19.184		
20,100.00	6,840.00	6,723.00	6,723.00	379.71	116.38	-90.00	-1,869.87	-9,754.76	6,408.66	6,080.00	328.66	19.499		
20,200.00	6,840.00	6,723.00	6,723.00	382.41	116.38	-90.00	-1,869.87	-9,754.76	6,487.32	6,159.97	327.35	19.817		
20,300.00	6,840.00	6,723.00	6,723.00	385.11	116.38	-90.00	-1,869.87	-9,754.76	6,566.57	6,240.51	326.06	20.139		
20,400.00	6,840.00	6,723.00	6,723.00	387.80	116.38	-90.00	-1,869.87	-9,754.76	6,646.37	6,321.59	324.78	20.464		
20,500.00	6,840.00	6,723.00	6,723.00	390.50	116.38	-90.00	-1,869.87	-9,754.76	6,726.72	6,403.20	323.52	20.792		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,723.00	6,723.00	393.20	116.38	-90.00	-1,869.87	-9,754.76	6,807.58	6,485.31	322.27	21.124	
20,691.67	6,840.00	6,723.00	6,723.00	395.67	116.38	-90.00	-1,869.87	-9,754.76	6,882.15	6,561.01	321.14	21.430	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-92.66	-321.81	-6,919.97	6,928.55					
100.00	100.00	0.00	0.00	0.13	0.00	-92.66	-321.81	-6,919.97	6,927.49	6,927.36	0.13	N/A		
200.00	200.00	94.56	94.56	0.49	0.10	-92.66	-321.65	-6,919.86	6,927.36	6,926.76	0.59	N/A		
300.00	300.00	188.90	188.90	0.85	0.22	-92.66	-321.29	-6,919.67	6,927.13	6,926.06	1.07	6,469.828		
400.00	399.98	280.61	280.61	1.21	0.31	-48.05	-320.85	-6,919.59	6,925.85	6,924.35	1.51	4,601.058		
500.00	499.84	372.31	372.30	1.57	0.37	-48.13	-320.41	-6,919.61	6,922.36	6,920.44	1.92	3,598.215		
600.00	599.45	489.23	489.23	1.94	0.43	-48.28	-320.06	-6,919.61	6,916.54	6,914.19	2.34	2,949.950		
700.00	698.70	585.99	585.98	2.32	0.49	-48.47	-319.80	-6,919.45	6,908.22	6,905.45	2.77	2,496.336		
800.00	797.47	673.14	673.14	2.73	0.50	-48.71	-319.66	-6,919.39	6,897.73	6,894.57	3.16	2,181.536		
900.00	895.62	775.03	775.03	3.16	0.50	-49.03	-319.69	-6,919.42	6,885.08	6,881.51	3.57	1,930.535		
1,000.00	993.06	876.45	876.45	3.63	0.54	-49.40	-319.53	-6,919.35	6,870.09	6,866.06	4.03	1,706.181		
1,100.00	1,089.64	970.92	970.92	4.14	0.58	-49.82	-319.28	-6,919.28	6,852.90	6,848.38	4.52	1,516.916		
1,200.00	1,185.27	1,064.63	1,064.63	4.70	0.60	-50.31	-319.16	-6,919.25	6,833.59	6,828.58	5.01	1,363.719		
1,300.00	1,279.82	1,171.46	1,171.45	5.30	0.61	-50.88	-319.24	-6,919.15	6,812.15	6,806.61	5.54	1,230.369		
1,400.00	1,373.17	1,257.68	1,257.67	5.96	0.62	-51.46	-319.17	-6,918.96	6,788.53	6,782.44	6.10	1,113.430		
1,500.00	1,465.21	1,329.05	1,329.04	6.67	0.62	-52.07	-319.20	-6,918.97	6,763.15	6,756.46	6.69	1,010.282		
1,600.00	1,555.84	1,400.00	1,399.99	7.44	0.63	-52.72	-319.07	-6,919.27	6,736.17	6,728.84	7.34	918.343		
1,700.00	1,645.41	1,483.19	1,483.18	8.26	0.66	-53.09	-318.83	-6,919.79	6,708.11	6,700.08	8.03	835.205		
1,800.00	1,734.94	1,617.33	1,617.32	9.09	0.67	-53.51	-318.81	-6,920.18	6,679.92	6,671.18	8.73	764.921		
1,900.00	1,824.47	1,677.92	1,677.91	9.94	0.68	-53.71	-318.85	-6,920.33	6,651.81	6,642.36	9.45	704.136		
2,000.00	1,913.99	1,759.66	1,759.65	10.80	0.70	-53.97	-318.82	-6,920.70	6,624.09	6,613.91	10.18	650.421		
2,100.00	2,003.52	1,881.46	1,881.45	11.66	0.71	-54.37	-318.88	-6,921.08	6,596.47	6,585.54	10.92	603.807		
2,200.00	2,093.05	1,954.07	1,954.06	12.53	0.72	-54.61	-319.10	-6,921.08	6,568.75	6,557.08	11.67	562.881		
2,300.00	2,182.58	2,031.45	2,031.44	13.40	0.73	-54.86	-319.20	-6,921.41	6,541.57	6,529.13	12.43	526.223		
2,400.00	2,272.11	2,151.33	2,151.32	14.28	0.76	-55.26	-319.22	-6,921.64	6,514.36	6,501.15	13.20	493.403		
2,500.00	2,361.63	2,245.91	2,245.90	15.16	0.76	-55.58	-319.02	-6,921.53	6,487.04	6,473.07	13.96	464.537		
2,600.00	2,451.16	2,317.90	2,317.88	16.04	0.76	-55.82	-319.07	-6,921.51	6,460.03	6,445.30	14.74	438.344		
2,700.00	2,540.69	2,375.84	2,375.83	16.92	0.77	-56.02	-319.07	-6,921.74	6,433.60	6,418.07	15.52	414.459		
2,800.00	2,630.22	2,443.32	2,443.30	17.81	0.78	-56.25	-318.94	-6,922.35	6,407.76	6,391.43	16.32	392.557		
2,900.00	2,719.75	2,541.03	2,541.01	18.70	0.81	-56.58	-318.86	-6,923.41	6,382.32	6,365.18	17.14	372.397		
3,000.00	2,809.28	2,648.73	2,648.71	19.58	0.85	-56.95	-318.70	-6,924.08	6,356.61	6,338.65	17.96	353.920		
3,100.00	2,898.80	2,723.70	2,723.68	20.47	0.88	-57.21	-318.43	-6,924.66	6,331.25	6,312.47	18.78	337.050		
3,200.00	2,988.33	2,804.55	2,804.51	21.36	0.90	-57.49	-318.01	-6,925.48	6,306.28	6,286.67	19.61	321.528		
3,300.00	3,077.86	3,020.14	3,020.10	22.26	0.94	-58.26	-317.58	-6,925.21	6,280.40	6,259.97	20.42	307.526		
3,400.00	3,167.39	3,092.39	3,092.34	23.15	0.95	-58.52	-317.81	-6,924.51	6,254.21	6,232.96	21.25	294.248		
3,500.00	3,256.92	3,175.88	3,175.84	24.04	0.96	-58.82	-318.04	-6,923.86	6,228.42	6,206.33	22.09	281.920		
3,600.00	3,346.44	3,237.70	3,237.65	24.93	0.97	-59.05	-318.17	-6,923.51	6,203.03	6,180.10	22.93	270.520		
3,700.00	3,435.97	3,300.00	3,299.95	25.83	0.97	-59.28	-318.14	-6,923.59	6,178.39	6,154.62	23.77	259.954		
3,800.00	3,525.50	3,330.41	3,330.36	26.72	0.97	-59.39	-318.09	-6,923.85	6,154.55	6,129.92	24.63	249.921		
3,900.00	3,615.03	3,367.50	3,367.45	27.62	0.99	-59.52	-318.04	-6,924.47	6,131.72	6,106.23	25.49	240.566		
4,000.00	3,704.56	3,400.00	3,399.94	28.51	1.00	-59.64	-318.01	-6,925.28	6,109.89	6,083.54	26.35	231.839		
4,100.00	3,794.09	3,463.34	3,463.24	29.41	1.01	-59.87	-317.94	-6,927.30	6,088.89	6,061.66	27.23	223.640		
4,200.00	3,883.61	3,530.85	3,530.70	30.30	1.03	-60.11	-317.80	-6,929.88	6,068.60	6,040.50	28.10	215.945		
4,300.00	3,973.14	3,619.33	3,619.11	31.20	1.06	-60.44	-317.60	-6,933.38	6,048.67	6,019.69	28.99	208.682		
4,400.00	4,062.67	3,708.53	3,708.24	32.10	1.09	-60.76	-317.39	-6,936.94	6,029.00	5,999.13	29.87	201.825		
4,500.00	4,152.20	3,797.76	3,797.40	32.99	1.11	-61.09	-317.16	-6,940.53	6,009.58	5,978.81	30.76	195.344		
4,600.00	4,241.73	3,886.19	3,885.76	33.89	1.14	-61.42	-316.92	-6,944.12	5,990.41	5,958.75	31.66	189.210		
4,700.00	4,331.26	3,975.36	3,974.85	34.79	1.17	-61.75	-316.66	-6,947.78	5,971.52	5,938.96	32.56	183.397		
4,800.00	4,420.78	4,138.97	4,138.35	35.69	1.22	-62.36	-315.66	-6,953.72	5,952.40	5,918.93	33.47	177.848		
4,900.00	4,510.31	4,244.39	4,243.73	36.58	1.25	-62.75	-314.69	-6,956.62	5,932.62	5,898.25	34.38	172.576		
5,000.00	4,599.84	4,400.42	4,399.69	37.48	1.30	-63.33	-312.48	-6,960.73	5,913.06	5,877.78	35.28	167.586		
5,100.00	4,689.37	4,482.83	4,482.07	38.38	1.32	-63.64	-311.01	-6,962.32	5,892.84	5,856.64	36.20	162.807		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,200.00	4,778.90	4,666.31	4,665.52	39.28	1.36	-64.35	-308.63	-6,964.01	5,871.99	5,834.91	37.09	158.332		
5,300.00	4,868.42	4,796.09	4,795.29	40.18	1.37	-64.87	-308.46	-6,963.42	5,850.63	5,812.65	37.98	154.036		
5,400.00	4,957.95	4,873.25	4,872.45	41.07	1.38	-65.18	-308.38	-6,962.83	5,829.26	5,790.36	38.90	149.861		
5,500.00	5,047.48	4,940.23	4,939.43	41.97	1.38	-65.46	-308.19	-6,962.55	5,808.41	5,768.59	39.82	145.873		
5,600.00	5,137.01	5,004.25	5,003.45	42.87	1.39	-65.72	-308.11	-6,962.56	5,788.24	5,747.49	40.74	142.069		
5,700.00	5,226.54	5,108.06	5,107.26	43.77	1.39	-66.15	-308.23	-6,962.59	5,768.42	5,726.75	41.66	138.454		
5,800.00	5,316.07	5,219.12	5,218.32	44.67	1.39	-66.60	-307.95	-6,962.39	5,748.59	5,706.01	42.58	135.017		
5,900.00	5,405.59	5,290.32	5,289.52	45.57	1.40	-66.90	-307.78	-6,962.29	5,729.07	5,685.55	43.52	131.649		
6,000.00	5,495.12	5,389.74	5,388.94	46.47	1.42	-67.31	-307.40	-6,962.23	5,709.86	5,665.41	44.45	128.448		
6,100.00	5,584.65	5,463.65	5,462.84	47.37	1.44	-67.62	-306.79	-6,962.30	5,690.94	5,645.54	45.40	125.351		
6,200.00	5,674.18	5,550.82	5,550.02	48.27	1.46	-67.98	-306.08	-6,962.63	5,672.52	5,626.18	46.35	122.389		
6,300.00	5,763.71	5,637.16	5,636.35	49.16	1.48	-68.34	-305.56	-6,962.80	5,654.31	5,607.01	47.30	119.538		
6,400.00	5,853.23	5,743.91	5,743.09	50.06	1.51	-68.79	-304.49	-6,963.40	5,636.59	5,588.34	48.25	116.817		
6,500.00	5,942.76	5,954.22	5,953.34	50.96	1.56	-69.66	-299.85	-6,961.70	5,617.27	5,568.10	49.17	114.252		
6,600.00	6,032.29	6,159.06	6,158.02	51.86	1.58	-70.54	-295.87	-6,955.17	5,596.33	5,546.25	50.08	111.748		
6,700.00	6,121.82	6,217.89	6,216.80	52.76	1.59	-70.81	-295.22	-6,952.77	5,575.54	5,524.49	51.05	109.207		
6,800.00	6,211.35	6,271.10	6,269.98	53.66	1.59	-71.05	-294.87	-6,950.85	5,555.60	5,503.56	52.04	106.766		
6,900.00	6,300.88	6,331.06	6,329.90	54.56	1.60	-71.32	-294.69	-6,949.00	5,536.51	5,483.49	53.02	104.429		
7,000.00	6,390.40	6,400.00	6,398.82	55.46	1.60	-71.63	-294.57	-6,947.13	5,518.12	5,464.12	54.00	102.190		
7,100.00	6,479.90	6,454.29	6,453.10	56.36	1.61	-70.27	-294.53	-6,945.93	5,500.37	5,445.39	54.99	100.029		
7,200.00	6,565.62	6,515.87	6,514.67	57.41	1.61	-60.75	-294.53	-6,944.96	5,474.04	5,417.97	56.07	97.628		
7,300.00	6,643.25	7,300.00	6,600.60	58.67	1.69	-56.67	-294.64	-6,943.46	5,433.23	5,375.86	57.37	94.699		
7,400.00	6,710.45	6,647.59	6,646.37	60.11	1.62	-56.03	-294.85	-6,942.65	5,379.44	5,320.85	58.59	91.814		
7,500.00	6,765.16	6,679.08	6,677.85	61.71	1.62	-58.47	-295.10	-6,942.22	5,314.50	5,254.54	59.96	88.637		
7,600.00	6,805.74	6,704.89	6,703.66	63.40	1.62	-64.32	-295.37	-6,941.94	5,240.24	5,178.91	61.33	85.439		
7,700.00	6,830.93	6,734.01	6,732.77	65.14	1.62	-74.59	-295.65	-6,941.65	5,158.71	5,096.05	62.67	82.322		
7,800.00	6,839.98	6,743.69	6,742.45	66.86	1.62	-89.71	-295.74	-6,941.55	5,072.30	5,008.39	63.91	79.364		
7,900.00	6,840.00	6,742.50	6,741.27	68.58	1.62	-90.58	-295.73	-6,941.57	4,984.37	4,919.25	65.12	76.545		
8,000.00	6,840.00	6,741.28	6,740.05	70.35	1.62	-90.55	-295.72	-6,941.58	4,896.90	4,830.53	66.37	73.779		
8,100.00	6,840.00	6,740.07	6,738.84	72.18	1.62	-90.52	-295.71	-6,941.59	4,809.92	4,742.24	67.68	71.065		
8,200.00	6,840.00	6,738.86	6,737.62	74.06	1.62	-90.49	-295.70	-6,941.60	4,723.46	4,654.41	69.05	68.406		
8,300.00	6,840.00	6,737.64	6,736.41	75.98	1.62	-90.46	-295.69	-6,941.62	4,637.54	4,567.06	70.48	65.804		
8,400.00	6,840.00	6,736.43	6,735.20	77.96	1.62	-90.44	-295.68	-6,941.63	4,552.19	4,480.23	71.96	63.259		
8,500.00	6,840.00	6,735.22	6,733.99	79.97	1.62	-90.41	-295.67	-6,941.64	4,467.45	4,393.94	73.51	60.773		
8,600.00	6,840.00	6,734.01	6,732.77	82.03	1.62	-90.38	-295.65	-6,941.65	4,383.36	4,308.23	75.12	58.348		
8,700.00	6,840.00	6,732.79	6,731.56	84.12	1.62	-90.35	-295.64	-6,941.66	4,299.94	4,223.14	76.81	55.985		
8,800.00	6,840.00	6,731.58	6,730.35	86.25	1.62	-90.32	-295.63	-6,941.68	4,217.25	4,138.69	78.56	53.684		
8,900.00	6,840.00	6,730.37	6,729.14	88.41	1.62	-90.29	-295.62	-6,941.69	4,135.32	4,054.94	80.38	51.447		
9,000.00	6,840.00	6,729.16	6,727.93	90.60	1.62	-90.26	-295.61	-6,941.70	4,054.20	3,971.93	82.28	49.274		
9,100.00	6,840.00	6,727.95	6,726.72	92.82	1.62	-90.23	-295.60	-6,941.71	3,973.95	3,889.69	84.25	47.167		
9,200.00	6,840.00	6,726.74	6,725.51	95.07	1.62	-90.20	-295.59	-6,941.72	3,894.60	3,808.30	86.31	45.126		
9,300.00	6,840.00	6,725.53	6,724.30	97.34	1.62	-90.17	-295.58	-6,941.74	3,816.23	3,727.79	88.44	43.151		
9,400.00	6,840.00	6,724.32	6,723.09	99.64	1.62	-90.15	-295.57	-6,941.75	3,738.89	3,648.23	90.65	41.244		
9,500.00	6,840.00	6,723.11	6,721.88	101.95	1.62	-90.12	-295.55	-6,941.76	3,662.64	3,569.69	92.95	39.403		
9,600.00	6,840.00	6,721.91	6,720.68	104.29	1.62	-90.09	-295.54	-6,941.77	3,587.56	3,492.23	95.34	37.631		
9,700.00	6,840.00	6,720.70	6,719.47	106.64	1.62	-90.06	-295.53	-6,941.78	3,513.73	3,415.92	97.80	35.926		
9,800.00	6,840.00	6,719.49	6,718.26	109.02	1.62	-90.03	-295.52	-6,941.80	3,441.21	3,340.85	100.36	34.289		
9,900.00	6,840.00	6,718.28	6,717.05	111.41	1.62	-90.00	-295.51	-6,941.81	3,370.10	3,267.10	103.00	32.720		
10,000.00	6,840.00	6,717.08	6,715.85	113.81	1.62	-89.97	-295.49	-6,941.82	3,300.49	3,194.77	105.72	31.218		
10,100.00	6,840.00	6,715.87	6,714.64	116.23	1.62	-89.94	-295.48	-6,941.83	3,232.48	3,123.94	108.53	29.784		
10,200.00	6,840.00	6,714.66	6,713.43	118.67	1.62	-89.91	-295.47	-6,941.84	3,166.16	3,054.74	111.42	28.417		
10,300.00	6,840.00	6,713.46	6,712.23	121.11	1.62	-89.89	-295.46	-6,941.86	3,101.64	2,987.26	114.38	27.117		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	6,712.25	6,711.02	123.57	1.62	-89.86	-295.45	-6,941.87	3,039.05	2,921.64	117.42	25.883		
10,500.00	6,840.00	6,711.05	6,709.82	126.04	1.62	-89.83	-295.43	-6,941.88	2,978.50	2,857.99	120.51	24.715		
10,600.00	6,840.00	6,709.84	6,708.61	128.52	1.62	-89.80	-295.42	-6,941.89	2,920.13	2,796.46	123.67	23.613		
10,700.00	6,840.00	6,708.64	6,707.41	131.01	1.62	-89.77	-295.41	-6,941.91	2,864.05	2,737.18	126.87	22.575		
10,800.00	6,840.00	6,707.43	6,706.21	133.51	1.62	-89.74	-295.39	-6,941.92	2,810.41	2,680.31	130.10	21.601		
10,900.00	6,840.00	6,706.23	6,705.00	136.02	1.62	-89.71	-295.38	-6,941.93	2,759.36	2,626.00	133.36	20.691		
11,000.00	6,840.00	6,705.03	6,703.80	138.53	1.62	-89.68	-295.37	-6,941.94	2,711.03	2,574.41	136.62	19.843		
11,100.00	6,840.00	6,703.82	6,702.60	141.06	1.62	-89.66	-295.36	-6,941.95	2,665.58	2,525.71	139.87	19.058		
11,200.00	6,840.00	6,702.62	6,701.39	143.59	1.62	-89.63	-295.34	-6,941.97	2,623.15	2,480.07	143.09	18.333		
11,300.00	6,840.00	6,701.42	6,700.19	146.13	1.62	-89.60	-295.33	-6,941.98	2,583.90	2,437.65	146.25	17.668		
11,400.00	6,840.00	6,700.22	6,698.99	148.68	1.62	-89.57	-295.32	-6,941.99	2,547.98	2,398.64	149.34	17.062		
11,500.00	6,840.00	6,700.00	6,698.77	151.23	1.62	-89.56	-295.31	-6,941.99	2,515.51	2,363.19	152.32	16.514		
11,600.00	6,840.00	6,700.00	6,698.77	153.79	1.62	-89.56	-295.31	-6,941.99	2,486.65	2,331.47	155.18	16.024		
11,700.00	6,840.00	6,700.00	6,698.77	156.35	1.62	-89.56	-295.31	-6,941.99	2,461.51	2,303.62	157.89	15.590		
11,800.00	6,840.00	6,696.97	6,695.75	158.92	1.62	-89.49	-295.28	-6,942.02	2,440.22	2,279.80	160.42	15.212		
11,900.00	6,840.00	6,696.15	6,694.92	161.49	1.62	-89.47	-295.27	-6,942.03	2,422.86	2,260.12	162.74	14.888		
12,000.00	6,840.00	6,695.31	6,694.09	164.07	1.62	-89.45	-295.26	-6,942.04	2,409.54	2,244.69	164.85	14.616		
12,100.00	6,840.00	6,694.46	6,693.24	166.66	1.62	-89.43	-295.25	-6,942.05	2,400.31	2,233.59	166.72	14.398		
12,200.00	6,840.00	6,693.60	6,692.37	169.25	1.62	-89.41	-295.24	-6,942.06	2,395.22	2,226.90	168.32	14.230		
12,271.97	6,840.00	6,692.97	6,691.74	171.11	1.62	-89.40	-295.24	-6,942.06	2,394.14	2,224.83	169.31	14.140	CC	
12,300.00	6,840.00	6,692.72	6,691.49	171.84	1.62	-89.39	-295.23	-6,942.07	2,394.31	2,224.65	169.66	14.112	ES	
12,400.00	6,840.00	6,691.83	6,690.60	174.44	1.62	-89.37	-295.22	-6,942.08	2,397.56	2,226.84	170.72	14.044		
12,500.00	6,840.00	6,690.92	6,689.69	177.04	1.62	-89.35	-295.21	-6,942.09	2,404.98	2,233.48	171.50	14.023	SF	
12,600.00	6,840.00	6,689.99	6,688.76	179.64	1.62	-89.32	-295.20	-6,942.10	2,416.51	2,244.51	172.00	14.050		
12,700.00	6,840.00	6,689.05	6,687.82	182.25	1.62	-89.30	-295.20	-6,942.11	2,432.10	2,259.88	172.22	14.122		
12,800.00	6,840.00	6,688.09	6,686.87	184.86	1.62	-89.28	-295.19	-6,942.12	2,451.67	2,279.50	172.18	14.239		
12,900.00	6,840.00	6,687.12	6,685.89	187.47	1.62	-89.26	-295.18	-6,942.13	2,475.14	2,303.26	171.88	14.400		
13,000.00	6,840.00	6,686.13	6,684.90	190.09	1.62	-89.23	-295.17	-6,942.14	2,502.38	2,331.03	171.35	14.604		
13,100.00	6,840.00	6,685.12	6,683.89	192.71	1.62	-89.21	-295.16	-6,942.15	2,533.28	2,362.68	170.60	14.850		
13,200.00	6,840.00	6,684.09	6,682.87	195.34	1.62	-89.18	-295.15	-6,942.16	2,567.70	2,398.06	169.64	15.136		
13,300.00	6,840.00	6,683.05	6,681.82	197.96	1.62	-89.16	-295.14	-6,942.17	2,605.51	2,436.99	168.51	15.462		
13,400.00	6,840.00	6,681.98	6,680.76	200.59	1.62	-89.13	-295.13	-6,942.19	2,646.55	2,479.33	167.22	15.827		
13,500.00	6,840.00	6,680.90	6,679.67	203.22	1.62	-89.11	-295.11	-6,942.20	2,690.69	2,524.90	165.79	16.229		
13,600.00	6,840.00	6,679.79	6,678.57	205.85	1.62	-89.08	-295.10	-6,942.21	2,737.77	2,573.52	164.25	16.668		
13,700.00	6,840.00	6,678.67	6,677.44	208.49	1.62	-89.05	-295.09	-6,942.23	2,787.65	2,625.04	162.61	17.143		
13,800.00	6,840.00	6,677.52	6,676.30	211.13	1.62	-89.03	-295.08	-6,942.24	2,840.17	2,679.28	160.88	17.653		
13,900.00	6,840.00	6,676.35	6,675.13	213.77	1.62	-89.00	-295.07	-6,942.26	2,895.19	2,736.09	159.10	18.197		
14,000.00	6,840.00	6,675.16	6,673.93	216.41	1.62	-88.97	-295.06	-6,942.27	2,952.57	2,795.31	157.26	18.775		
14,100.00	6,840.00	6,673.94	6,672.72	219.06	1.62	-88.94	-295.05	-6,942.29	3,012.18	2,856.79	155.40	19.384		
14,200.00	6,840.00	6,672.70	6,671.48	221.70	1.62	-88.91	-295.04	-6,942.30	3,073.89	2,920.38	153.51	20.024		
14,300.00	6,840.00	6,671.44	6,670.22	224.35	1.62	-88.88	-295.03	-6,942.32	3,137.57	2,985.97	151.61	20.695		
14,400.00	6,840.00	6,670.15	6,668.93	227.00	1.62	-88.85	-295.02	-6,942.33	3,203.11	3,053.41	149.71	21.396		
14,500.00	6,840.00	6,668.83	6,667.61	229.65	1.62	-88.82	-295.01	-6,942.35	3,270.39	3,122.58	147.81	22.126		
14,600.00	6,840.00	6,667.49	6,666.27	232.30	1.62	-88.79	-295.00	-6,942.37	3,339.31	3,193.39	145.93	22.883		
14,700.00	6,840.00	6,666.12	6,664.89	234.96	1.62	-88.75	-294.98	-6,942.39	3,409.77	3,265.71	144.07	23.668		
14,800.00	6,840.00	6,664.72	6,663.49	237.61	1.62	-88.72	-294.97	-6,942.41	3,481.68	3,339.45	142.23	24.479		
14,900.00	6,840.00	6,663.29	6,662.06	240.27	1.62	-88.69	-294.96	-6,942.43	3,554.95	3,414.52	140.42	25.316		
15,000.00	6,840.00	6,661.83	6,660.60	242.93	1.62	-88.65	-294.95	-6,942.45	3,629.49	3,490.84	138.65	26.178		
15,100.00	6,840.00	6,660.33	6,659.11	245.59	1.62	-88.61	-294.94	-6,942.47	3,705.23	3,568.32	136.90	27.064		
15,200.00	6,840.00	6,658.81	6,657.59	248.25	1.62	-88.58	-294.93	-6,942.49	3,782.09	3,646.89	135.20	27.974		
15,300.00	6,840.00	6,657.25	6,656.03	250.92	1.62	-88.54	-294.91	-6,942.51	3,860.02	3,726.48	133.53	28.907		
15,400.00	6,840.00	6,655.65	6,654.43	253.58	1.62	-88.50	-294.90	-6,942.53	3,938.94	3,807.03	131.91	29.861		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,500.00	6,840.00	6,654.02	6,652.80	256.25	1.62	-88.46	-294.89	-6,942.56	4,018.80	3,888.48	130.32	30.838		
15,600.00	6,840.00	6,652.35	6,651.13	258.91	1.62	-88.42	-294.88	-6,942.58	4,099.54	3,970.77	128.77	31.835		
15,700.00	6,840.00	6,650.65	6,649.42	261.58	1.62	-88.38	-294.87	-6,942.61	4,181.12	4,053.85	127.27	32.853		
15,800.00	6,840.00	6,648.90	6,647.68	264.25	1.62	-88.34	-294.86	-6,942.63	4,263.48	4,137.68	125.80	33.890		
15,900.00	6,840.00	6,647.11	6,645.89	266.92	1.62	-88.30	-294.84	-6,942.66	4,346.58	4,222.20	124.38	34.947		
16,000.00	6,840.00	6,645.28	6,644.06	269.59	1.62	-88.25	-294.83	-6,942.69	4,430.38	4,307.39	122.99	36.022		
16,100.00	6,840.00	6,643.40	6,642.18	272.26	1.62	-88.21	-294.82	-6,942.72	4,514.83	4,393.19	121.64	37.115		
16,200.00	6,840.00	6,641.48	6,640.26	274.94	1.62	-88.16	-294.81	-6,942.75	4,599.91	4,479.58	120.34	38.226		
16,300.00	6,840.00	6,639.50	6,638.28	277.61	1.62	-88.12	-294.80	-6,942.78	4,685.58	4,566.51	119.07	39.353		
16,400.00	6,840.00	6,637.48	6,636.26	280.28	1.62	-88.07	-294.79	-6,942.81	4,771.80	4,653.97	117.83	40.497		
16,500.00	6,840.00	6,635.41	6,634.19	282.96	1.62	-88.02	-294.77	-6,942.85	4,858.56	4,741.92	116.63	41.656		
16,600.00	6,840.00	6,633.28	6,632.06	285.64	1.62	-87.97	-294.76	-6,942.88	4,945.81	4,830.34	115.47	42.832		
16,700.00	6,840.00	6,631.10	6,629.88	288.31	1.62	-87.92	-294.75	-6,942.92	5,033.53	4,919.19	114.34	44.022		
16,800.00	6,840.00	6,628.85	6,627.63	290.99	1.62	-87.86	-294.74	-6,942.96	5,121.71	5,008.46	113.25	45.226		
16,900.00	6,840.00	6,626.55	6,625.33	293.67	1.62	-87.81	-294.73	-6,943.00	5,210.31	5,098.12	112.18	46.445		
17,000.00	6,840.00	6,624.18	6,622.97	296.35	1.62	-87.75	-294.72	-6,943.04	5,299.31	5,188.16	111.15	47.677		
17,100.00	6,840.00	6,621.75	6,620.53	299.03	1.62	-87.69	-294.71	-6,943.08	5,388.70	5,278.55	110.15	48.922		
17,200.00	6,840.00	6,619.25	6,618.03	301.71	1.62	-87.63	-294.70	-6,943.13	5,478.46	5,369.28	109.18	50.180		
17,300.00	6,840.00	6,616.68	6,615.46	304.39	1.62	-87.57	-294.69	-6,943.17	5,568.56	5,460.33	108.23	51.450		
17,400.00	6,840.00	6,614.03	6,612.82	307.08	1.62	-87.51	-294.68	-6,943.22	5,659.00	5,551.69	107.32	52.732		
17,500.00	6,840.00	6,611.31	6,610.09	309.76	1.62	-87.44	-294.67	-6,943.27	5,749.75	5,643.33	106.43	54.026		
17,600.00	6,840.00	6,608.50	6,607.29	312.44	1.62	-87.38	-294.66	-6,943.33	5,840.81	5,735.25	105.56	55.331		
17,700.00	6,840.00	6,605.61	6,604.39	315.13	1.62	-87.31	-294.65	-6,943.38	5,932.15	5,827.43	104.72	56.647		
17,800.00	6,840.00	6,602.63	6,601.41	317.81	1.62	-87.24	-294.64	-6,943.44	6,023.76	5,919.86	103.91	57.973		
17,900.00	6,840.00	6,600.00	6,598.79	320.50	1.62	-87.17	-294.64	-6,943.50	6,115.64	6,012.52	103.12	59.309		
18,000.00	6,840.00	6,600.00	6,598.79	323.19	1.62	-87.17	-294.64	-6,943.50	6,207.76	6,105.41	102.35	60.649		
18,100.00	6,840.00	6,600.00	6,598.79	325.87	1.62	-87.17	-294.64	-6,943.50	6,300.13	6,198.52	101.62	61.999		
18,200.00	6,840.00	6,600.00	6,598.79	328.56	1.62	-87.17	-294.64	-6,943.50	6,392.73	6,291.83	100.90	63.358		
18,300.00	6,840.00	6,600.00	6,598.79	331.25	1.62	-87.17	-294.64	-6,943.50	6,485.55	6,385.34	100.20	64.725		
18,400.00	6,840.00	6,600.00	6,598.79	333.94	1.62	-87.17	-294.64	-6,943.50	6,578.57	6,479.05	99.52	66.100		
18,500.00	6,840.00	6,600.00	6,598.79	336.63	1.62	-87.17	-294.64	-6,943.50	6,671.80	6,572.94	98.87	67.483		
18,600.00	6,840.00	6,590.19	6,588.98	339.32	1.62	-86.94	-294.62	-6,943.69	6,765.21	6,667.01	98.20	68.892		
18,700.00	6,840.00	6,588.87	6,587.65	342.01	1.62	-86.91	-294.61	-6,943.72	6,858.82	6,761.24	97.58	70.292		
18,800.00	6,840.00	6,587.55	6,586.34	344.70	1.62	-86.88	-294.61	-6,943.74	6,952.60	6,855.63	96.97	71.699		
18,900.00	6,840.00	6,586.25	6,585.04	347.39	1.62	-86.84	-294.61	-6,943.77	7,046.56	6,950.18	96.38	73.113		
19,000.00	6,840.00	6,584.96	6,583.75	350.08	1.62	-86.81	-294.61	-6,943.79	7,140.67	7,044.87	95.80	74.534		
19,100.00	6,840.00	6,583.69	6,582.47	352.77	1.62	-86.78	-294.60	-6,943.81	7,234.95	7,139.70	95.25	75.960		
19,200.00	6,840.00	6,582.42	6,581.21	355.46	1.62	-86.75	-294.60	-6,943.84	7,329.37	7,234.67	94.70	77.393		
19,300.00	6,840.00	6,581.16	6,579.95	358.16	1.62	-86.72	-294.60	-6,943.86	7,423.95	7,329.77	94.18	78.831		
19,400.00	6,840.00	6,579.92	6,578.71	360.85	1.62	-86.69	-294.60	-6,943.89	7,518.66	7,425.00	93.66	80.275		
19,500.00	6,840.00	6,578.68	6,577.47	363.54	1.62	-86.66	-294.59	-6,943.91	7,613.50	7,520.34	93.16	81.723		
19,600.00	6,840.00	6,577.46	6,576.25	366.24	1.62	-86.63	-294.59	-6,943.93	7,708.48	7,615.81	92.68	83.177		
19,700.00	6,840.00	6,576.24	6,575.03	368.93	1.62	-86.61	-294.59	-6,943.95	7,803.58	7,711.38	92.20	84.635		
19,800.00	6,840.00	6,575.04	6,573.83	371.63	1.62	-86.58	-294.59	-6,943.98	7,898.81	7,807.06	91.74	86.098		
19,900.00	6,840.00	6,573.85	6,572.64	374.32	1.62	-86.55	-294.59	-6,944.00	7,994.15	7,902.85	91.29	87.564		
20,000.00	6,840.00	6,572.66	6,571.45	377.02	1.62	-86.52	-294.58	-6,944.02	8,089.60	7,998.74	90.86	89.035		
20,100.00	6,840.00	6,571.49	6,570.28	379.71	1.62	-86.49	-294.58	-6,944.04	8,185.16	8,094.72	90.43	90.510		
20,200.00	6,840.00	6,570.33	6,569.12	382.41	1.62	-86.46	-294.58	-6,944.06	8,280.82	8,190.80	90.02	91.988		
20,300.00	6,840.00	6,569.17	6,567.96	385.11	1.62	-86.44	-294.58	-6,944.08	8,376.59	8,286.97	89.62	93.470		
20,400.00	6,840.00	6,568.03	6,566.82	387.80	1.62	-86.41	-294.58	-6,944.10	8,472.45	8,383.22	89.23	94.955		
20,500.00	6,840.00	6,566.89	6,565.68	390.50	1.62	-86.38	-294.57	-6,944.13	8,568.41	8,479.56	88.84	96.443		
20,600.00	6,840.00	6,565.77	6,564.56	393.20	1.62	-86.36	-294.57	-6,944.15	8,664.46	8,575.98	88.47	97.933		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	6,564.74	6,563.53	395.67	1.62	-86.33	-294.57	-6,944.16	8,752.58	8,664.44	88.14	99.302	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-80.69	920.14	-5,613.93	5,689.88					
100.00	100.00	9.00	-9.00	0.13	0.07	-80.69	920.14	-5,613.93	5,688.84	5,688.63	0.21	N/A		
200.00	200.00	109.00	91.00	0.49	0.94	-80.69	920.14	-5,613.93	5,688.84	5,687.40	1.44	3,963.305		
300.00	300.00	209.00	191.00	0.85	2.69	-80.69	920.14	-5,613.93	5,688.84	5,685.30	3.54	1,607.390		
400.00	399.98	309.02	290.98	1.21	4.43	-36.09	920.14	-5,613.93	5,687.43	5,681.79	5.64	1,008.123		
500.00	499.84	409.16	390.84	1.57	6.18	-36.17	920.14	-5,613.93	5,683.20	5,675.45	7.75	733.423		
600.00	599.45	509.55	490.45	1.94	7.93	-36.30	920.14	-5,613.93	5,676.16	5,666.29	9.87	575.381		
700.00	698.70	599.70	589.70	2.32	9.33	-36.49	920.14	-5,613.93	5,666.32	5,654.69	11.63	487.025		
800.00	797.47	688.47	688.47	2.73	11.06	-36.74	920.14	-5,613.93	5,653.71	5,639.97	13.74	411.543		
900.00	895.62	786.62	786.62	3.16	12.77	-37.04	920.14	-5,613.93	5,638.35	5,622.51	15.84	355.908		
1,000.00	993.06	884.06	884.06	3.63	14.47	-37.40	920.14	-5,613.93	5,620.27	5,602.32	17.95	313.136		
1,100.00	1,089.64	980.64	980.64	4.14	16.16	-37.82	920.14	-5,613.93	5,599.50	5,579.45	20.06	279.177		
1,200.00	1,185.27	1,076.27	1,076.27	4.70	17.82	-38.30	920.14	-5,613.93	5,576.10	5,553.93	22.17	251.520		
1,300.00	1,279.82	1,170.82	1,170.82	5.30	19.47	-38.84	920.14	-5,613.93	5,550.10	5,525.81	24.29	228.526		
1,400.00	1,373.17	1,264.17	1,264.17	5.96	21.10	-39.44	920.14	-5,613.93	5,521.56	5,495.16	26.41	209.078		
1,500.00	1,465.21	1,356.21	1,356.21	6.67	22.71	-40.11	920.14	-5,613.93	5,490.55	5,462.01	28.54	192.393		
1,600.00	1,555.84	1,446.84	1,446.84	7.44	24.29	-40.85	920.14	-5,613.93	5,457.12	5,426.44	30.68	177.900		
1,700.00	1,645.41	1,536.41	1,536.41	8.26	25.86	-41.25	920.14	-5,613.93	5,422.07	5,389.25	32.82	165.203		
1,800.00	1,734.94	1,625.94	1,625.94	9.09	27.42	-41.55	920.14	-5,613.93	5,387.11	5,352.13	34.98	154.011		
1,900.00	1,824.47	1,715.47	1,715.47	9.94	28.98	-41.85	920.14	-5,613.93	5,352.28	5,315.13	37.15	144.068		
2,000.00	1,913.99	1,804.99	1,804.99	10.80	30.54	-42.16	920.14	-5,613.93	5,317.60	5,278.26	39.34	135.183		
2,100.00	2,003.52	1,905.48	1,894.52	11.66	32.30	-42.47	920.14	-5,613.93	5,283.06	5,241.34	41.72	126.618		
2,200.00	2,093.05	1,984.05	1,984.05	12.53	33.67	-42.78	920.14	-5,613.93	5,248.68	5,204.94	43.74	119.997		
2,300.00	2,182.58	2,073.58	2,073.58	13.40	35.23	-43.10	920.14	-5,613.93	5,214.45	5,168.50	45.96	113.464		
2,400.00	2,272.11	2,163.11	2,163.11	14.28	36.79	-43.42	920.14	-5,613.93	5,180.38	5,132.20	48.18	107.516		
2,500.00	2,361.63	2,252.63	2,252.63	15.16	38.36	-43.74	920.14	-5,613.93	5,146.47	5,096.05	50.42	102.079		
2,600.00	2,451.16	2,342.16	2,342.16	16.04	39.92	-44.07	920.14	-5,613.93	5,112.72	5,060.06	52.66	97.091		
2,700.00	2,540.69	2,431.69	2,431.69	16.92	41.48	-44.40	920.14	-5,613.93	5,079.14	5,024.23	54.91	92.500		
2,800.00	2,630.22	2,521.22	2,521.22	17.81	43.04	-44.74	920.14	-5,613.93	5,045.73	4,988.56	57.17	88.262		
2,900.00	2,719.75	2,610.75	2,610.75	18.70	44.61	-45.08	920.14	-5,613.93	5,012.49	4,953.05	59.43	84.338		
3,000.00	2,809.28	2,700.28	2,700.28	19.58	46.17	-45.42	920.14	-5,613.93	4,979.42	4,917.72	61.71	80.695		
3,100.00	2,898.80	2,789.80	2,789.80	20.47	47.73	-45.77	920.14	-5,613.93	4,946.54	4,882.56	63.99	77.305		
3,200.00	2,988.33	2,879.33	2,879.33	21.36	49.29	-46.12	920.14	-5,613.93	4,913.84	4,847.57	66.27	74.143		
3,300.00	3,077.86	2,968.86	2,968.86	22.26	50.86	-46.48	920.14	-5,613.93	4,881.33	4,812.76	68.57	71.188		
3,400.00	3,167.39	3,058.39	3,058.39	23.15	52.42	-46.84	920.14	-5,613.93	4,849.02	4,778.14	70.87	68.419		
3,500.00	3,256.92	3,147.92	3,147.92	24.04	53.98	-47.21	920.14	-5,613.93	4,816.89	4,743.71	73.18	65.821		
3,600.00	3,346.44	3,237.44	3,237.44	24.93	55.54	-47.58	920.14	-5,613.93	4,784.97	4,709.47	75.50	63.378		
3,700.00	3,435.97	3,326.97	3,326.97	25.83	57.11	-47.95	920.14	-5,613.93	4,753.24	4,675.42	77.82	61.078		
3,800.00	3,525.50	3,416.50	3,416.50	26.72	58.67	-48.33	920.14	-5,613.93	4,721.73	4,641.58	80.15	58.908		
3,900.00	3,615.03	3,506.03	3,506.03	27.62	60.23	-48.71	920.14	-5,613.93	4,690.43	4,607.93	82.49	56.859		
4,000.00	3,704.56	3,604.44	3,595.56	28.51	61.95	-49.10	920.14	-5,613.93	4,659.34	4,574.35	84.99	54.820		
4,100.00	3,794.09	3,685.09	3,685.09	29.41	63.36	-49.49	920.14	-5,613.93	4,628.47	4,541.28	87.19	53.084		
4,200.00	3,883.61	3,774.61	3,774.61	30.30	64.92	-49.89	920.14	-5,613.93	4,597.83	4,508.28	89.55	51.342		
4,300.00	3,973.14	3,864.14	3,864.14	31.20	66.48	-50.29	920.14	-5,613.93	4,567.41	4,475.49	91.92	49.689		
4,400.00	4,062.67	3,953.67	3,953.67	32.10	68.04	-50.70	920.14	-5,613.93	4,537.23	4,442.94	94.30	48.117		
4,500.00	4,152.20	4,043.20	4,043.20	32.99	69.61	-51.11	920.14	-5,613.93	4,507.29	4,410.61	96.68	46.621		
4,600.00	4,241.73	4,132.73	4,132.73	33.89	71.17	-51.52	920.14	-5,613.93	4,477.59	4,378.52	99.07	45.196		
4,700.00	4,331.26	4,222.26	4,222.26	34.79	72.73	-51.94	920.14	-5,613.93	4,448.14	4,346.67	101.47	43.838		
4,800.00	4,420.78	4,311.78	4,311.78	35.69	74.29	-52.37	920.14	-5,613.93	4,418.94	4,315.07	103.87	42.542		
4,900.00	4,510.31	4,401.31	4,401.31	36.58	75.86	-52.80	920.14	-5,613.93	4,390.00	4,283.72	106.29	41.304		
5,000.00	4,599.84	4,509.16	4,490.84	37.48	77.74	-53.24	920.14	-5,613.93	4,361.33	4,252.30	109.03	40.002		
5,100.00	4,689.37	4,580.37	4,580.37	38.38	78.98	-53.68	920.14	-5,613.93	4,332.92	4,221.78	111.14	38.988		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,778.90	4,669.90	4,669.90	39.28	80.55	-54.12	920.14	-5,613.93	4,304.78	4,191.21	113.57	37.904		
5,300.00	4,868.42	4,759.42	4,759.42	40.18	82.11	-54.57	920.14	-5,613.93	4,276.92	4,160.91	116.01	36.865		
5,400.00	4,957.95	4,848.95	4,848.95	41.07	83.67	-55.03	920.14	-5,613.93	4,249.35	4,130.89	118.47	35.870		
5,500.00	5,047.48	4,938.48	4,938.48	41.97	85.23	-55.49	920.14	-5,613.93	4,222.07	4,101.15	120.92	34.915		
5,600.00	5,137.01	5,028.01	5,028.01	42.87	86.80	-55.95	920.14	-5,613.93	4,195.08	4,071.69	123.39	33.999		
5,700.00	5,226.54	5,117.54	5,117.54	43.77	88.36	-56.43	920.14	-5,613.93	4,168.40	4,042.53	125.86	33.118		
5,800.00	5,316.07	5,207.07	5,207.07	44.67	89.92	-56.90	920.14	-5,613.93	4,142.02	4,013.67	128.35	32.273		
5,900.00	5,405.59	5,303.41	5,296.59	45.57	91.60	-57.38	920.14	-5,613.93	4,115.95	3,985.00	130.95	31.431		
6,000.00	5,495.12	5,386.12	5,386.12	46.47	93.05	-57.87	920.14	-5,613.93	4,090.21	3,956.88	133.33	30.677		
6,100.00	5,584.65	5,475.65	5,475.65	47.37	94.61	-58.36	920.14	-5,613.93	4,064.79	3,928.96	135.83	29.925		
6,200.00	5,674.18	5,565.18	5,565.18	48.27	96.17	-58.86	920.14	-5,613.93	4,039.70	3,901.36	138.34	29.200		
6,300.00	5,763.71	5,654.71	5,654.71	49.16	97.73	-59.36	920.14	-5,613.93	4,014.95	3,874.09	140.86	28.503		
6,400.00	5,853.23	5,744.23	5,744.23	50.06	99.30	-59.87	920.14	-5,613.93	3,990.54	3,847.15	143.39	27.831		
6,500.00	5,942.76	5,833.76	5,833.76	50.96	100.86	-60.38	920.14	-5,613.93	3,966.48	3,820.56	145.92	27.183		
6,600.00	6,032.29	5,923.29	5,923.29	51.86	102.42	-60.90	920.14	-5,613.93	3,942.78	3,794.33	148.46	26.558		
6,700.00	6,121.82	6,012.82	6,012.82	52.76	103.98	-61.43	920.14	-5,613.93	3,919.44	3,768.44	151.00	25.956		
6,800.00	6,211.35	6,102.35	6,102.35	53.66	105.55	-61.95	920.14	-5,613.93	3,896.48	3,742.92	153.55	25.375		
6,900.00	6,300.88	6,208.12	6,191.88	54.56	107.39	-62.49	920.14	-5,613.93	3,873.88	3,717.49	156.40	24.770		
7,000.00	6,390.40	6,281.40	6,281.40	55.46	108.67	-63.03	920.14	-5,613.93	3,851.68	3,693.00	158.68	24.274		
7,100.00	6,479.90	6,370.90	6,370.90	56.36	110.23	-61.95	920.14	-5,613.93	3,829.74	3,668.50	161.25	23.750		
7,200.00	6,565.62	6,456.62	6,456.62	57.41	111.73	-52.48	920.14	-5,613.93	3,798.39	3,634.56	163.83	23.185		
7,300.00	6,643.25	6,534.25	6,534.25	58.67	113.08	-48.13	920.14	-5,613.93	3,752.15	3,585.79	166.36	22.554		
7,400.00	6,710.45	6,601.45	6,601.45	60.11	114.26	-47.36	920.14	-5,613.93	3,692.48	3,523.71	168.77	21.878		
7,500.00	6,765.16	6,656.16	6,656.16	61.71	115.21	-49.81	920.14	-5,613.93	3,621.22	3,450.23	170.98	21.179		
7,600.00	6,805.74	6,703.27	6,696.74	63.40	116.03	-56.15	920.14	-5,613.93	3,540.50	3,367.46	173.04	20.461		
7,700.00	6,830.93	6,721.93	6,721.93	65.14	116.36	-68.25	920.14	-5,613.93	3,452.72	3,278.19	174.53	19.783		
7,800.00	6,839.98	6,730.98	6,730.98	66.86	116.52	-88.71	920.14	-5,613.93	3,360.47	3,184.72	175.76	19.120		
7,900.00	6,840.00	6,731.00	6,731.00	68.58	116.52	-90.00	920.14	-5,613.93	3,266.95	3,090.17	176.78	18.481		
8,000.00	6,840.00	6,731.00	6,731.00	70.35	116.52	-90.00	920.14	-5,613.93	3,173.82	2,995.96	177.86	17.844		
8,100.00	6,840.00	6,731.00	6,731.00	72.18	116.52	-90.00	920.14	-5,613.93	3,081.12	2,902.10	179.02	17.211		
8,200.00	6,840.00	6,731.00	6,731.00	74.06	116.52	-90.00	920.14	-5,613.93	2,988.89	2,808.64	180.25	16.582		
8,300.00	6,840.00	6,731.00	6,731.00	75.98	116.52	-90.00	920.14	-5,613.93	2,897.18	2,715.62	181.56	15.957		
8,400.00	6,840.00	6,731.00	6,731.00	77.96	116.52	-90.00	920.14	-5,613.93	2,806.03	2,623.07	182.96	15.337		
8,500.00	6,840.00	6,731.00	6,731.00	79.97	116.52	-90.00	920.14	-5,613.93	2,715.50	2,531.05	184.46	14.721		
8,600.00	6,840.00	6,731.00	6,731.00	82.03	116.52	-90.00	920.14	-5,613.93	2,625.67	2,439.61	186.06	14.112		
8,700.00	6,840.00	6,731.00	6,731.00	84.12	116.52	-90.00	920.14	-5,613.93	2,536.59	2,348.82	187.77	13.509		
8,800.00	6,840.00	6,731.00	6,731.00	86.25	116.52	-90.00	920.14	-5,613.93	2,448.36	2,258.76	189.60	12.913		
8,900.00	6,840.00	6,731.00	6,731.00	88.41	116.52	-90.00	920.14	-5,613.93	2,361.07	2,169.50	191.56	12.325		
9,000.00	6,840.00	6,731.00	6,731.00	90.60	116.52	-90.00	920.14	-5,613.93	2,274.82	2,081.15	193.66	11.746		
9,100.00	6,840.00	6,731.00	6,731.00	92.82	116.52	-90.00	920.14	-5,613.93	2,189.74	1,993.83	195.91	11.177		
9,200.00	6,840.00	6,731.00	6,731.00	95.07	116.52	-90.00	920.14	-5,613.93	2,105.98	1,907.65	198.32	10.619		
9,300.00	6,840.00	6,731.00	6,731.00	97.34	116.52	-90.00	920.14	-5,613.93	2,023.68	1,822.79	200.90	10.073		
9,400.00	6,840.00	6,731.00	6,731.00	99.64	116.52	-90.00	920.14	-5,613.93	1,943.06	1,739.41	203.65	9.541		
9,500.00	6,840.00	6,731.00	6,731.00	101.95	116.52	-90.00	920.14	-5,613.93	1,864.30	1,657.73	206.58	9.025		
9,600.00	6,840.00	6,731.00	6,731.00	104.29	116.52	-90.00	920.14	-5,613.93	1,787.68	1,577.98	209.70	8.525		
9,700.00	6,840.00	6,731.00	6,731.00	106.64	116.52	-90.00	920.14	-5,613.93	1,713.47	1,500.47	213.00	8.045		
9,800.00	6,840.00	6,731.00	6,731.00	109.02	116.52	-90.00	920.14	-5,613.93	1,641.99	1,425.52	216.47	7.585		
9,900.00	6,840.00	6,731.00	6,731.00	111.41	116.52	-90.00	920.14	-5,613.93	1,573.63	1,353.53	220.10	7.150		
10,000.00	6,840.00	6,731.00	6,731.00	113.81	116.52	-90.00	920.14	-5,613.93	1,508.80	1,284.94	223.85	6.740		
10,100.00	6,840.00	6,731.00	6,731.00	116.23	116.52	-90.00	920.14	-5,613.93	1,447.98	1,220.29	227.69	6.359		
10,200.00	6,840.00	6,731.00	6,731.00	118.67	116.52	-90.00	920.14	-5,613.93	1,391.69	1,160.15	231.54	6.011		
10,300.00	6,840.00	6,731.00	6,731.00	121.11	116.52	-90.00	920.14	-5,613.93	1,340.51	1,105.19	235.32	5.697		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	123.57	116.52	-90.00	920.14	-5,613.93	1,295.04	1,056.13	238.91	5.421		
10,500.00	6,840.00	6,731.00	6,731.00	126.04	116.52	-90.00	920.14	-5,613.93	1,255.91	1,013.71	242.20	5.185		
10,600.00	6,840.00	6,731.00	6,731.00	128.52	116.52	-90.00	920.14	-5,613.93	1,223.71	978.68	245.03	4.994		
10,700.00	6,840.00	6,731.00	6,731.00	131.01	116.52	-90.00	920.14	-5,613.93	1,199.01	951.75	247.27	4.849		
10,800.00	6,840.00	6,731.00	6,731.00	133.51	116.52	-90.00	920.14	-5,613.93	1,182.29	933.52	248.77	4.753		
10,900.00	6,840.00	6,731.00	6,731.00	136.02	116.52	-90.00	920.14	-5,613.93	1,173.87	924.43	249.44	4.706		
10,949.17	6,840.00	6,731.00	6,731.00	137.25	116.52	-90.00	920.14	-5,613.93	1,172.84	923.39	249.45	4.702	CC, ES, SF	
11,000.00	6,840.00	6,731.00	6,731.00	138.53	116.52	-90.00	920.14	-5,613.93	1,173.94	924.71	249.23	4.710		
11,100.00	6,840.00	6,731.00	6,731.00	141.06	116.52	-90.00	920.14	-5,613.93	1,182.50	934.35	248.15	4.765		
11,200.00	6,840.00	6,731.00	6,731.00	143.59	116.52	-90.00	920.14	-5,613.93	1,199.36	953.12	246.24	4.871		
11,300.00	6,840.00	6,731.00	6,731.00	146.13	116.52	-90.00	920.14	-5,613.93	1,224.19	980.55	243.64	5.025		
11,400.00	6,840.00	6,731.00	6,731.00	148.68	116.52	-90.00	920.14	-5,613.93	1,256.50	1,016.04	240.46	5.225		
11,500.00	6,840.00	6,731.00	6,731.00	151.23	116.52	-90.00	920.14	-5,613.93	1,295.75	1,058.88	236.87	5.470		
11,600.00	6,840.00	6,731.00	6,731.00	153.79	116.52	-90.00	920.14	-5,613.93	1,341.32	1,108.31	233.01	5.757		
11,700.00	6,840.00	6,731.00	6,731.00	156.35	116.52	-90.00	920.14	-5,613.93	1,392.59	1,163.59	229.00	6.081		
11,800.00	6,840.00	6,731.00	6,731.00	158.92	116.52	-90.00	920.14	-5,613.93	1,448.96	1,224.00	224.95	6.441		
11,900.00	6,840.00	6,731.00	6,731.00	161.49	116.52	-90.00	920.14	-5,613.93	1,509.85	1,288.89	220.96	6.833		
12,000.00	6,840.00	6,731.00	6,731.00	164.07	116.52	-90.00	920.14	-5,613.93	1,574.74	1,357.66	217.08	7.254		
12,100.00	6,840.00	6,731.00	6,731.00	166.66	116.52	-90.00	920.14	-5,613.93	1,643.16	1,429.81	213.35	7.702		
12,200.00	6,840.00	6,731.00	6,731.00	169.25	116.52	-90.00	920.14	-5,613.93	1,714.68	1,504.88	209.80	8.173		
12,300.00	6,840.00	6,731.00	6,731.00	171.84	116.52	-90.00	920.14	-5,613.93	1,788.94	1,582.49	206.45	8.665		
12,400.00	6,840.00	6,731.00	6,731.00	174.44	116.52	-90.00	920.14	-5,613.93	1,865.60	1,662.31	203.30	9.177		
12,500.00	6,840.00	6,731.00	6,731.00	177.04	116.52	-90.00	920.14	-5,613.93	1,944.39	1,744.04	200.35	9.705		
12,600.00	6,840.00	6,731.00	6,731.00	179.64	116.52	-90.00	920.14	-5,613.93	2,025.04	1,827.45	197.60	10.248		
12,700.00	6,840.00	6,731.00	6,731.00	182.25	116.52	-90.00	920.14	-5,613.93	2,107.36	1,912.33	195.04	10.805		
12,800.00	6,840.00	6,731.00	6,731.00	184.86	116.52	-90.00	920.14	-5,613.93	2,191.15	1,998.50	192.65	11.374		
12,900.00	6,840.00	6,731.00	6,731.00	187.47	116.52	-90.00	920.14	-5,613.93	2,276.25	2,085.81	190.44	11.953		
13,000.00	6,840.00	6,731.00	6,731.00	190.09	116.52	-90.00	920.14	-5,613.93	2,362.51	2,174.13	188.39	12.541		
13,100.00	6,840.00	6,731.00	6,731.00	192.71	116.52	-90.00	920.14	-5,613.93	2,449.82	2,263.35	186.48	13.137		
13,200.00	6,840.00	6,731.00	6,731.00	195.34	116.52	-90.00	920.14	-5,613.93	2,538.07	2,353.36	184.71	13.741		
13,300.00	6,840.00	6,731.00	6,731.00	197.96	116.52	-90.00	920.14	-5,613.93	2,627.16	2,444.10	183.06	14.351		
13,400.00	6,840.00	6,731.00	6,731.00	200.59	116.52	-90.00	920.14	-5,613.93	2,717.01	2,535.47	181.54	14.967		
13,500.00	6,840.00	6,731.00	6,731.00	203.22	116.52	-90.00	920.14	-5,613.93	2,807.54	2,627.42	180.12	15.587		
13,600.00	6,840.00	6,731.00	6,731.00	205.85	116.52	-90.00	920.14	-5,613.93	2,898.70	2,719.90	178.80	16.212		
13,700.00	6,840.00	6,731.00	6,731.00	208.49	116.52	-90.00	920.14	-5,613.93	2,990.43	2,812.85	177.58	16.840		
13,800.00	6,840.00	6,731.00	6,731.00	211.13	116.52	-90.00	920.14	-5,613.93	3,082.66	2,906.22	176.44	17.472		
13,900.00	6,840.00	6,731.00	6,731.00	213.77	116.52	-90.00	920.14	-5,613.93	3,175.37	2,999.99	175.38	18.106		
14,000.00	6,840.00	6,731.00	6,731.00	216.41	116.52	-90.00	920.14	-5,613.93	3,268.51	3,094.12	174.39	18.743		
14,100.00	6,840.00	6,731.00	6,731.00	219.06	116.52	-90.00	920.14	-5,613.93	3,362.04	3,188.57	173.47	19.381		
14,200.00	6,840.00	6,731.00	6,731.00	221.70	116.52	-90.00	920.14	-5,613.93	3,455.93	3,283.32	172.61	20.021		
14,300.00	6,840.00	6,731.00	6,731.00	224.35	116.52	-90.00	920.14	-5,613.93	3,550.16	3,378.35	171.81	20.663		
14,400.00	6,840.00	6,731.00	6,731.00	227.00	116.52	-90.00	920.14	-5,613.93	3,644.70	3,473.63	171.06	21.306		
14,500.00	6,840.00	6,731.00	6,731.00	229.65	116.52	-90.00	920.14	-5,613.93	3,739.52	3,569.15	170.37	21.950		
14,600.00	6,840.00	6,731.00	6,731.00	232.30	116.52	-90.00	920.14	-5,613.93	3,834.60	3,664.88	169.71	22.594		
14,700.00	6,840.00	6,731.00	6,731.00	234.96	116.52	-90.00	920.14	-5,613.93	3,929.93	3,760.82	169.11	23.239		
14,800.00	6,840.00	6,731.00	6,731.00	237.61	116.52	-90.00	920.14	-5,613.93	4,025.48	3,856.94	168.54	23.885		
14,900.00	6,840.00	6,731.00	6,731.00	240.27	116.52	-90.00	920.14	-5,613.93	4,121.24	3,953.24	168.00	24.531		
15,000.00	6,840.00	6,731.00	6,731.00	242.93	116.52	-90.00	920.14	-5,613.93	4,217.20	4,049.70	167.51	25.176		
15,100.00	6,840.00	6,731.00	6,731.00	245.59	116.52	-90.00	920.14	-5,613.93	4,313.35	4,146.31	167.04	25.822		
15,200.00	6,840.00	6,731.00	6,731.00	248.25	116.52	-90.00	920.14	-5,613.93	4,409.67	4,243.06	166.60	26.468		
15,300.00	6,840.00	6,731.00	6,731.00	250.92	116.52	-90.00	920.14	-5,613.93	4,506.14	4,339.95	166.20	27.114		
15,400.00	6,840.00	6,731.00	6,731.00	253.58	116.52	-90.00	920.14	-5,613.93	4,602.77	4,436.96	165.81	27.759		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	256.25	116.52	-90.00	920.14	-5,613.93	4,699.54	4,534.08	165.45	28.404		
15,600.00	6,840.00	6,731.00	6,731.00	258.91	116.52	-90.00	920.14	-5,613.93	4,796.44	4,631.32	165.12	29.048		
15,700.00	6,840.00	6,731.00	6,731.00	261.58	116.52	-90.00	920.14	-5,613.93	4,893.46	4,728.66	164.81	29.692		
15,800.00	6,840.00	6,731.00	6,731.00	264.25	116.52	-90.00	920.14	-5,613.93	4,990.61	4,826.09	164.51	30.336		
15,900.00	6,840.00	6,731.00	6,731.00	266.92	116.52	-90.00	920.14	-5,613.93	5,087.86	4,923.62	164.24	30.979		
16,000.00	6,840.00	6,731.00	6,731.00	269.59	116.52	-90.00	920.14	-5,613.93	5,185.22	5,021.24	163.98	31.621		
16,100.00	6,840.00	6,731.00	6,731.00	272.26	116.52	-90.00	920.14	-5,613.93	5,282.67	5,118.94	163.74	32.263		
16,200.00	6,840.00	6,731.00	6,731.00	274.94	116.52	-90.00	920.14	-5,613.93	5,380.22	5,216.71	163.51	32.904		
16,300.00	6,840.00	6,731.00	6,731.00	277.61	116.52	-90.00	920.14	-5,613.93	5,477.86	5,314.56	163.30	33.545		
16,400.00	6,840.00	6,731.00	6,731.00	280.28	116.52	-90.00	920.14	-5,613.93	5,575.59	5,412.48	163.10	34.184		
16,500.00	6,840.00	6,731.00	6,731.00	282.96	116.52	-90.00	920.14	-5,613.93	5,673.39	5,510.47	162.92	34.823		
16,600.00	6,840.00	6,731.00	6,731.00	285.64	116.52	-90.00	920.14	-5,613.93	5,771.26	5,608.52	162.75	35.461		
16,700.00	6,840.00	6,731.00	6,731.00	288.31	116.52	-90.00	920.14	-5,613.93	5,869.21	5,706.62	162.59	36.099		
16,800.00	6,840.00	6,731.00	6,731.00	290.99	116.52	-90.00	920.14	-5,613.93	5,967.23	5,804.79	162.44	36.735		
16,900.00	6,840.00	6,731.00	6,731.00	293.67	116.52	-90.00	920.14	-5,613.93	6,065.31	5,903.01	162.30	37.371		
17,000.00	6,840.00	6,731.00	6,731.00	296.35	116.52	-90.00	920.14	-5,613.93	6,163.45	6,001.28	162.17	38.006		
17,100.00	6,840.00	6,731.00	6,731.00	299.03	116.52	-90.00	920.14	-5,613.93	6,261.65	6,099.60	162.05	38.640		
17,200.00	6,840.00	6,731.00	6,731.00	301.71	116.52	-90.00	920.14	-5,613.93	6,359.91	6,197.97	161.94	39.273		
17,300.00	6,840.00	6,731.00	6,731.00	304.39	116.52	-90.00	920.14	-5,613.93	6,458.22	6,296.39	161.84	39.906		
17,400.00	6,840.00	6,731.00	6,731.00	307.08	116.52	-90.00	920.14	-5,613.93	6,556.59	6,394.84	161.74	40.537		
17,500.00	6,840.00	6,731.00	6,731.00	309.76	116.52	-90.00	920.14	-5,613.93	6,655.00	6,493.34	161.66	41.168		
17,600.00	6,840.00	6,731.00	6,731.00	312.44	116.52	-90.00	920.14	-5,613.93	6,753.45	6,591.88	161.58	41.798		
17,700.00	6,840.00	6,731.00	6,731.00	315.13	116.52	-90.00	920.14	-5,613.93	6,851.96	6,690.46	161.50	42.426		
17,800.00	6,840.00	6,731.00	6,731.00	317.81	116.52	-90.00	920.14	-5,613.93	6,950.50	6,789.07	161.44	43.054		
17,900.00	6,840.00	6,731.00	6,731.00	320.50	116.52	-90.00	920.14	-5,613.93	7,049.09	6,887.71	161.37	43.682		
18,000.00	6,840.00	6,731.00	6,731.00	323.19	116.52	-90.00	920.14	-5,613.93	7,147.71	6,986.39	161.32	44.308		
18,100.00	6,840.00	6,731.00	6,731.00	325.87	116.52	-90.00	920.14	-5,613.93	7,246.38	7,085.11	161.27	44.933		
18,200.00	6,840.00	6,731.00	6,731.00	328.56	116.52	-90.00	920.14	-5,613.93	7,345.08	7,183.85	161.23	45.557		
18,300.00	6,840.00	6,731.00	6,731.00	331.25	116.52	-90.00	920.14	-5,613.93	7,443.81	7,282.62	161.19	46.181		
18,400.00	6,840.00	6,731.00	6,731.00	333.94	116.52	-90.00	920.14	-5,613.93	7,542.58	7,381.42	161.15	46.804		
18,500.00	6,840.00	6,731.00	6,731.00	336.63	116.52	-90.00	920.14	-5,613.93	7,641.38	7,480.25	161.12	47.425		
18,600.00	6,840.00	6,731.00	6,731.00	339.32	116.52	-90.00	920.14	-5,613.93	7,740.21	7,579.11	161.10	48.046		
18,700.00	6,840.00	6,731.00	6,731.00	342.01	116.52	-90.00	920.14	-5,613.93	7,839.07	7,677.99	161.08	48.666		
18,800.00	6,840.00	6,731.00	6,731.00	344.70	116.52	-90.00	920.14	-5,613.93	7,937.96	7,776.89	161.06	49.285		
18,900.00	6,840.00	6,731.00	6,731.00	347.39	116.52	-90.00	920.14	-5,613.93	8,036.87	7,875.82	161.05	49.903		
19,000.00	6,840.00	6,731.00	6,731.00	350.08	116.52	-90.00	920.14	-5,613.93	8,135.82	7,974.77	161.04	50.520		
19,100.00	6,840.00	6,731.00	6,731.00	352.77	116.52	-90.00	920.14	-5,613.93	8,234.78	8,073.75	161.04	51.136		
19,200.00	6,840.00	6,731.00	6,731.00	355.46	116.52	-90.00	920.14	-5,613.93	8,333.78	8,172.74	161.03	51.752		
19,300.00	6,840.00	6,731.00	6,731.00	358.16	116.52	-90.00	920.14	-5,613.93	8,432.79	8,271.76	161.04	52.366		
19,400.00	6,840.00	6,731.00	6,731.00	360.85	116.52	-90.00	920.14	-5,613.93	8,531.83	8,370.79	161.04	52.980		
19,500.00	6,840.00	6,731.00	6,731.00	363.54	116.52	-90.00	920.14	-5,613.93	8,630.89	8,469.85	161.05	53.592		
19,600.00	6,840.00	6,731.00	6,731.00	366.24	116.52	-90.00	920.14	-5,613.93	8,729.98	8,568.92	161.06	54.204		
19,700.00	6,840.00	6,731.00	6,731.00	368.93	116.52	-90.00	920.14	-5,613.93	8,829.08	8,668.01	161.07	54.815		
19,800.00	6,840.00	6,731.00	6,731.00	371.63	116.52	-90.00	920.14	-5,613.93	8,928.20	8,767.12	161.09	55.424		
19,900.00	6,840.00	6,731.00	6,731.00	374.32	116.52	-90.00	920.14	-5,613.93	9,027.35	8,866.24	161.11	56.033		
20,000.00	6,840.00	6,731.00	6,731.00	377.02	116.52	-90.00	920.14	-5,613.93	9,126.51	8,965.38	161.13	56.641		
20,100.00	6,840.00	6,731.00	6,731.00	379.71	116.52	-90.00	920.14	-5,613.93	9,225.69	9,064.54	161.15	57.249		
20,200.00	6,840.00	6,731.00	6,731.00	382.41	116.52	-90.00	920.14	-5,613.93	9,324.89	9,163.71	161.18	57.855		
20,300.00	6,840.00	6,731.00	6,731.00	385.11	116.52	-90.00	920.14	-5,613.93	9,424.10	9,262.89	161.21	58.460		
20,400.00	6,840.00	6,731.00	6,731.00	387.80	116.52	-90.00	920.14	-5,613.93	9,523.33	9,362.09	161.24	59.064		
20,500.00	6,840.00	6,731.00	6,731.00	390.50	116.52	-90.00	920.14	-5,613.93	9,622.58	9,461.31	161.27	59.668		
20,600.00	6,840.00	6,731.00	6,731.00	393.20	116.52	-90.00	920.14	-5,613.93	9,721.84	9,560.54	161.30	60.270		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,691.67	6,840.00	6,731.00	6,731.00	395.67	116.52	-90.00	920.14	-5,613.93	9,812.84	9,651.51	161.34	60.822	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-82.75	884.05	-6,953.12	7,010.22					
100.00	100.00	0.00	0.00	0.13	0.00	-82.75	884.05	-6,953.12	7,009.14	7,009.01	0.13	N/A		
126.00	126.00	0.00	0.00	0.23	0.00	-82.75	884.05	-6,953.12	7,009.09	7,008.86	0.23	N/A		
200.00	200.00	54.80	54.80	0.49	0.05	-82.75	884.11	-6,953.18	7,009.19	7,008.65	0.54	N/A		
300.00	300.00	131.06	131.06	0.85	0.14	-82.75	884.38	-6,953.50	7,009.65	7,008.66	0.99	7,097.572		
400.00	399.98	211.47	211.46	1.21	0.24	-38.13	884.78	-6,954.06	7,009.03	7,007.58	1.45	4,835.888		
500.00	499.84	296.34	296.33	1.57	0.32	-38.19	885.38	-6,954.84	7,005.91	7,004.03	1.88	3,725.679		
600.00	599.45	396.63	396.61	1.94	0.39	-38.30	886.11	-6,955.87	7,000.16	6,997.85	2.31	3,025.085		
700.00	698.70	472.16	472.13	2.32	0.44	-38.45	886.59	-6,956.77	6,991.84	6,989.11	2.73	2,560.067		
800.00	797.47	562.74	562.71	2.73	0.49	-38.65	887.26	-6,958.09	6,981.09	6,977.92	3.16	2,206.557		
900.00	895.62	661.00	660.95	3.16	0.54	-38.91	888.20	-6,959.52	6,967.65	6,964.04	3.61	1,930.703		
1,000.00	993.06	766.85	766.77	3.63	0.60	-39.23	889.66	-6,960.97	6,951.53	6,947.46	4.07	1,708.295		
1,100.00	1,089.64	892.78	892.69	4.14	0.66	-39.64	891.44	-6,962.35	6,932.52	6,927.97	4.55	1,522.606		
1,200.00	1,185.27	979.04	978.94	4.70	0.70	-40.05	892.59	-6,963.15	6,910.74	6,905.70	5.04	1,371.660		
1,300.00	1,279.82	1,070.67	1,070.55	5.30	0.74	-40.53	893.77	-6,964.12	6,886.52	6,880.98	5.55	1,240.922		
1,400.00	1,373.17	1,162.95	1,162.81	5.96	0.78	-41.07	895.03	-6,965.11	6,859.82	6,853.74	6.09	1,126.855		
1,500.00	1,465.21	1,269.09	1,268.94	6.67	0.82	-41.70	896.57	-6,966.20	6,830.64	6,823.98	6.66	1,025.861		
1,600.00	1,555.84	1,362.73	1,362.56	7.44	0.86	-42.37	898.11	-6,966.95	6,798.87	6,791.61	7.26	936.938		
1,700.00	1,645.41	1,495.83	1,495.65	8.26	0.91	-42.82	900.30	-6,967.77	6,765.37	6,757.48	7.89	857.727		
1,800.00	1,734.94	1,675.96	1,675.76	9.09	0.96	-43.30	902.97	-6,966.79	6,730.74	6,722.22	8.52	790.203		
1,900.00	1,824.47	1,769.88	1,769.66	9.94	0.99	-43.55	903.80	-6,965.69	6,695.68	6,686.53	9.15	731.882		
2,000.00	1,913.99	1,870.06	1,869.82	10.80	1.01	-43.82	905.32	-6,964.44	6,660.73	6,650.94	9.79	680.166		
2,100.00	2,003.52	1,947.44	1,947.19	11.66	1.03	-44.03	906.55	-6,963.39	6,625.81	6,615.36	10.45	634.203		
2,200.00	2,093.05	2,016.00	2,015.74	12.53	1.05	-44.22	907.22	-6,962.74	6,591.30	6,580.19	11.11	593.167		
2,300.00	2,182.58	2,097.31	2,097.04	13.40	1.07	-44.45	907.78	-6,962.14	6,557.09	6,545.31	11.79	556.373		
2,400.00	2,272.11	2,177.84	2,177.57	14.28	1.09	-44.68	908.25	-6,961.67	6,523.13	6,510.66	12.47	523.216		
2,500.00	2,361.63	2,253.10	2,252.83	15.16	1.12	-44.89	908.69	-6,961.34	6,489.45	6,476.29	13.16	493.208		
2,600.00	2,451.16	2,323.11	2,322.83	16.04	1.14	-45.10	909.23	-6,961.22	6,456.13	6,442.27	13.86	465.934		
2,700.00	2,540.69	2,387.46	2,387.18	16.92	1.16	-45.28	910.15	-6,961.31	6,423.26	6,408.70	14.56	441.056		
2,800.00	2,630.22	2,468.35	2,468.05	17.81	1.19	-45.51	911.72	-6,961.65	6,390.79	6,375.51	15.28	418.321		
2,900.00	2,719.75	2,552.34	2,552.03	18.70	1.22	-45.75	913.26	-6,962.09	6,358.53	6,342.54	16.00	397.472		
3,000.00	2,809.28	2,653.98	2,653.65	19.58	1.26	-46.04	914.87	-6,962.67	6,326.44	6,309.72	16.72	378.321		
3,100.00	2,898.80	2,758.11	2,757.78	20.47	1.29	-46.36	915.92	-6,962.94	6,294.18	6,276.72	17.45	360.648		
3,200.00	2,988.33	2,852.80	2,852.47	21.36	1.33	-46.64	916.99	-6,963.10	6,261.98	6,243.79	18.19	344.300		
3,300.00	3,077.86	2,942.94	2,942.60	22.26	1.35	-46.92	917.72	-6,963.19	6,229.85	6,210.93	18.92	329.218		
3,400.00	3,167.39	3,020.42	3,020.08	23.15	1.35	-47.16	917.75	-6,963.35	6,197.95	6,178.29	19.67	315.159		
3,500.00	3,256.92	3,084.96	3,084.62	24.04	1.36	-47.37	917.57	-6,963.70	6,166.51	6,146.08	20.43	301.887		
3,600.00	3,346.44	3,188.55	3,188.20	24.93	1.37	-47.71	917.19	-6,964.44	6,135.37	6,114.18	21.19	289.550		
3,700.00	3,435.97	3,255.07	3,254.72	25.83	1.38	-47.93	916.81	-6,964.88	6,104.37	6,082.40	21.96	277.955		
3,800.00	3,525.50	3,323.17	3,322.82	26.72	1.39	-48.16	916.08	-6,965.66	6,073.93	6,051.19	22.74	267.099		
3,900.00	3,615.03	3,412.26	3,411.89	27.62	1.40	-48.46	915.11	-6,966.80	6,043.80	6,020.28	23.52	256.943		
4,000.00	3,704.56	3,517.26	3,516.88	28.51	1.42	-48.81	915.46	-6,968.04	6,013.75	5,989.45	24.30	247.502		
4,100.00	3,794.09	3,675.25	3,674.86	29.41	1.46	-49.32	917.45	-6,968.92	5,983.35	5,958.29	25.06	238.721		
4,200.00	3,883.61	3,795.63	3,795.24	30.30	1.49	-49.73	918.36	-6,968.41	5,952.16	5,926.32	25.84	230.369		
4,300.00	3,973.14	3,856.19	3,855.79	31.20	1.51	-49.93	918.81	-6,968.17	5,921.19	5,894.55	26.64	222.298		
4,400.00	4,062.67	3,916.91	3,916.50	32.10	1.52	-50.14	919.35	-6,968.26	5,890.85	5,863.41	27.44	214.674		
4,500.00	4,152.20	3,983.05	3,982.65	32.99	1.53	-50.37	919.57	-6,968.62	5,861.08	5,832.83	28.25	207.464		
4,600.00	4,241.73	4,062.66	4,062.25	33.89	1.55	-50.65	919.39	-6,969.30	5,831.78	5,802.71	29.07	200.604		
4,700.00	4,331.26	4,133.59	4,133.18	34.79	1.56	-50.90	919.29	-6,970.02	5,802.81	5,772.91	29.90	194.068		
4,800.00	4,420.78	4,200.00	4,199.58	35.69	1.57	-51.14	919.14	-6,971.02	5,774.47	5,743.73	30.74	187.864		
4,900.00	4,510.31	4,315.88	4,315.44	36.58	1.59	-51.56	918.52	-6,972.73	5,746.33	5,714.76	31.57	182.018		
5,000.00	4,599.84	4,398.16	4,397.71	37.48	1.61	-51.87	918.05	-6,973.79	5,718.21	5,685.79	32.42	176.403		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,521.54	4,521.09	38.38	1.62	-52.32	917.50	-6,974.89	5,689.88	5,656.63	33.26	171.088		
5,200.00	4,778.90	4,585.76	4,585.30	39.28	1.63	-52.57	917.04	-6,975.48	5,661.85	5,627.73	34.12	165.948		
5,300.00	4,868.42	4,637.54	4,637.08	40.18	1.64	-52.76	916.48	-6,976.21	5,634.51	5,599.52	34.99	161.039		
5,400.00	4,957.95	4,700.00	4,699.52	41.07	1.65	-53.01	915.61	-6,977.60	5,608.07	5,572.21	35.86	156.378		
5,500.00	5,047.48	4,781.88	4,781.36	41.97	1.66	-53.33	914.47	-6,979.69	5,582.18	5,545.44	36.74	151.942		
5,600.00	5,137.01	4,861.31	4,860.76	42.87	1.68	-53.64	913.51	-6,981.63	5,556.43	5,518.81	37.62	147.693		
5,700.00	5,226.54	4,939.76	4,939.18	43.77	1.69	-53.95	912.50	-6,983.77	5,531.16	5,492.65	38.51	143.628		
5,800.00	5,316.07	5,083.56	5,082.92	44.67	1.72	-54.51	911.28	-6,987.49	5,506.08	5,466.69	39.39	139.777		
5,900.00	5,405.59	5,174.48	5,173.82	45.57	1.74	-54.87	910.67	-6,989.10	5,480.35	5,440.07	40.29	136.027		
6,000.00	5,495.12	5,272.08	5,271.41	46.47	1.76	-55.26	910.12	-6,990.92	5,454.93	5,413.74	41.19	132.434		
6,100.00	5,584.65	5,418.36	5,417.67	47.37	1.80	-55.85	909.95	-6,992.83	5,429.21	5,387.13	42.08	129.025		
6,200.00	5,674.18	5,519.64	5,518.95	48.27	1.81	-56.26	909.57	-6,993.31	5,402.99	5,360.01	42.98	125.711		
6,300.00	5,763.71	5,578.17	5,577.47	49.16	1.82	-56.50	909.11	-6,993.74	5,377.29	5,333.39	43.91	122.475		
6,400.00	5,853.23	5,685.02	5,684.31	50.06	1.84	-56.95	908.41	-6,994.82	5,352.10	5,307.28	44.82	119.401		
6,500.00	5,942.76	5,835.58	5,834.88	50.96	1.84	-57.58	908.25	-6,995.11	5,326.32	5,280.62	45.70	116.548		
6,600.00	6,032.29	5,955.78	5,955.07	51.86	1.84	-58.08	908.88	-6,994.42	5,300.02	5,253.43	46.59	113.766		
6,700.00	6,121.82	6,056.10	6,055.39	52.76	1.84	-58.51	908.95	-6,993.35	5,273.61	5,226.11	47.50	111.032		
6,800.00	6,211.35	6,154.25	6,153.53	53.66	1.83	-58.93	908.78	-6,992.13	5,247.34	5,198.93	48.41	108.383		
6,900.00	6,300.88	6,238.65	6,237.92	54.56	1.83	-59.30	908.51	-6,990.93	5,221.21	5,171.86	49.35	105.800		
7,000.00	6,390.40	6,311.57	6,310.84	55.46	1.83	-59.63	908.23	-6,990.12	5,195.63	5,145.33	50.30	103.296		
7,100.00	6,479.90	6,408.21	6,407.47	56.36	1.82	-58.43	907.84	-6,989.09	5,170.25	5,119.01	51.24	100.904		
7,200.00	6,565.62	6,478.74	6,478.00	57.41	1.82	-48.61	907.63	-6,988.42	5,135.36	5,083.10	52.25	98.281		
7,300.00	6,643.25	6,552.89	6,552.14	58.67	1.82	-43.82	907.45	-6,987.86	5,085.56	5,032.24	53.32	95.382		
7,400.00	6,710.45	6,621.79	6,621.04	60.11	1.82	-42.51	907.17	-6,987.30	5,022.21	4,967.80	54.40	92.317		
7,500.00	6,765.16	6,680.35	6,679.60	61.71	1.82	-44.34	906.93	-6,986.78	4,947.18	4,891.72	55.46	89.197		
7,600.00	6,805.74	6,719.10	6,718.35	63.40	1.82	-50.17	906.80	-6,986.42	4,862.75	4,806.29	56.47	86.118		
7,700.00	6,830.93	6,740.67	6,739.91	65.14	1.82	-63.10	906.72	-6,986.23	4,771.47	4,714.10	57.37	83.173		
7,800.00	6,839.98	6,747.96	6,747.21	66.86	1.82	-89.76	906.69	-6,986.17	4,676.01	4,617.88	58.13	80.435		
7,900.00	6,840.00	6,747.24	6,746.49	68.58	1.82	-91.56	906.70	-6,986.18	4,579.39	4,520.56	58.83	77.844		
8,000.00	6,840.00	6,746.50	6,745.74	70.35	1.82	-91.53	906.70	-6,986.18	4,482.92	4,423.36	59.55	75.274		
8,100.00	6,840.00	6,745.75	6,745.00	72.18	1.82	-91.49	906.70	-6,986.19	4,386.60	4,326.28	60.32	72.724		
8,200.00	6,840.00	6,745.00	6,744.25	74.06	1.82	-91.45	906.71	-6,986.19	4,290.45	4,229.33	61.12	70.197		
8,300.00	6,840.00	6,744.25	6,743.50	75.98	1.82	-91.42	906.71	-6,986.20	4,194.49	4,132.52	61.96	67.692		
8,400.00	6,840.00	6,743.49	6,742.74	77.96	1.82	-91.38	906.71	-6,986.21	4,098.71	4,035.86	62.85	65.212		
8,500.00	6,840.00	6,742.73	6,741.98	79.97	1.82	-91.34	906.71	-6,986.21	4,003.15	3,939.36	63.79	62.757		
8,600.00	6,840.00	6,741.97	6,741.22	82.03	1.82	-91.31	906.72	-6,986.22	3,907.80	3,843.03	64.77	60.330		
8,700.00	6,840.00	6,741.20	6,740.45	84.12	1.82	-91.27	906.72	-6,986.23	3,812.69	3,746.88	65.81	57.932		
8,800.00	6,840.00	6,740.43	6,739.68	86.25	1.82	-91.23	906.72	-6,986.23	3,717.84	3,650.93	66.91	55.564		
8,900.00	6,840.00	6,739.66	6,738.90	88.41	1.82	-91.20	906.72	-6,986.24	3,623.27	3,555.20	68.07	53.228		
9,000.00	6,840.00	6,738.88	6,738.12	90.60	1.82	-91.16	906.73	-6,986.25	3,528.99	3,459.70	69.30	50.926		
9,100.00	6,840.00	6,738.10	6,737.34	92.82	1.82	-91.12	906.73	-6,986.25	3,435.04	3,364.45	70.59	48.659		
9,200.00	6,840.00	6,737.31	6,736.56	95.07	1.82	-91.08	906.73	-6,986.26	3,341.44	3,269.47	71.97	46.429		
9,300.00	6,840.00	6,736.52	6,735.77	97.34	1.82	-91.05	906.74	-6,986.27	3,248.22	3,174.80	73.43	44.238		
9,400.00	6,840.00	6,735.73	6,734.97	99.64	1.82	-91.01	906.74	-6,986.27	3,155.42	3,080.45	74.97	42.088		
9,500.00	6,840.00	6,734.93	6,734.18	101.95	1.82	-90.97	906.74	-6,986.28	3,063.07	2,986.45	76.61	39.981		
9,600.00	6,840.00	6,734.13	6,733.37	104.29	1.82	-90.93	906.74	-6,986.29	2,971.21	2,892.85	78.36	37.918		
9,700.00	6,840.00	6,733.32	6,732.57	106.64	1.82	-90.89	906.75	-6,986.29	2,879.89	2,799.68	80.21	35.903		
9,800.00	6,840.00	6,732.51	6,731.76	109.02	1.82	-90.85	906.75	-6,986.30	2,789.18	2,706.98	82.19	33.935		
9,900.00	6,840.00	6,731.70	6,730.95	111.41	1.82	-90.81	906.75	-6,986.31	2,699.11	2,614.82	84.30	32.019		
10,000.00	6,840.00	6,730.88	6,730.13	113.81	1.82	-90.78	906.76	-6,986.31	2,609.77	2,523.23	86.54	30.157		
10,100.00	6,840.00	6,730.06	6,729.31	116.23	1.82	-90.74	906.76	-6,986.32	2,521.23	2,432.30	88.94	28.349		
10,200.00	6,840.00	6,729.23	6,728.48	118.67	1.82	-90.70	906.76	-6,986.33	2,433.58	2,342.09	91.49	26.599		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,728.41	6,727.65	121.11	1.82	-90.66	906.76	-6,986.34	2,346.92	2,252.70	94.22	24.909		
10,400.00	6,840.00	6,727.57	6,726.82	123.57	1.82	-90.62	906.77	-6,986.34	2,261.35	2,164.22	97.13	23.281		
10,500.00	6,840.00	6,726.73	6,725.98	126.04	1.82	-90.58	906.77	-6,986.35	2,177.02	2,076.78	100.24	21.717		
10,600.00	6,840.00	6,725.89	6,725.14	128.52	1.82	-90.54	906.77	-6,986.36	2,094.07	1,990.50	103.56	20.220		
10,700.00	6,840.00	6,725.04	6,724.29	131.01	1.82	-90.49	906.78	-6,986.37	2,012.66	1,905.56	107.10	18.792		
10,800.00	6,840.00	6,724.19	6,723.44	133.51	1.82	-90.45	906.78	-6,986.37	1,933.00	1,822.14	110.87	17.435		
10,900.00	6,840.00	6,723.34	6,722.58	136.02	1.82	-90.41	906.78	-6,986.38	1,855.31	1,740.45	114.87	16.152		
11,000.00	6,840.00	6,722.48	6,721.73	138.53	1.82	-90.37	906.78	-6,986.39	1,779.85	1,660.75	119.10	14.944		
11,100.00	6,840.00	6,721.62	6,720.86	141.06	1.82	-90.33	906.79	-6,986.40	1,706.92	1,583.36	123.56	13.814		
11,200.00	6,840.00	6,720.75	6,719.99	143.59	1.82	-90.29	906.79	-6,986.40	1,636.84	1,508.60	128.24	12.764		
11,300.00	6,840.00	6,719.87	6,719.12	146.13	1.82	-90.25	906.79	-6,986.41	1,570.01	1,436.91	133.10	11.796		
11,400.00	6,840.00	6,719.00	6,718.24	148.68	1.82	-90.20	906.80	-6,986.42	1,506.86	1,368.76	138.10	10.911		
11,500.00	6,840.00	6,718.12	6,717.36	151.23	1.82	-90.16	906.80	-6,986.43	1,447.86	1,304.69	143.17	10.113		
11,600.00	6,840.00	6,717.23	6,716.48	153.79	1.82	-90.12	906.80	-6,986.44	1,393.55	1,245.32	148.23	9.401		
11,700.00	6,840.00	6,716.34	6,715.59	156.35	1.82	-90.08	906.81	-6,986.44	1,344.50	1,191.35	153.15	8.779		
11,800.00	6,840.00	6,715.44	6,714.69	158.92	1.82	-90.03	906.81	-6,986.45	1,301.29	1,143.50	157.79	8.247		
11,900.00	6,840.00	6,714.54	6,713.79	161.49	1.82	-89.99	906.81	-6,986.46	1,264.53	1,102.54	161.98	7.807		
12,000.00	6,840.00	6,713.64	6,712.89	164.07	1.82	-89.95	906.82	-6,986.47	1,234.79	1,069.25	165.54	7.459		
12,100.00	6,840.00	6,712.73	6,711.98	166.66	1.82	-89.90	906.82	-6,986.48	1,212.59	1,044.30	168.29	7.205		
12,200.00	6,840.00	6,711.81	6,711.06	169.25	1.82	-89.86	906.82	-6,986.49	1,198.35	1,028.28	170.08	7.046		
12,300.00	6,840.00	6,710.90	6,710.14	171.84	1.82	-89.81	906.83	-6,986.49	1,192.36	1,021.57	170.78	6.982		
12,321.65	6,840.00	6,710.91	6,710.15	172.40	1.82	-89.82	906.83	-6,986.49	1,192.16	1,021.37	170.79	6.980	CC, ES, SF	
12,400.00	6,840.00	6,710.14	6,709.38	174.44	1.82	-89.78	906.83	-6,986.50	1,194.73	1,024.36	170.37	7.013		
12,500.00	6,840.00	6,709.16	6,708.40	177.04	1.82	-89.73	906.83	-6,986.51	1,205.42	1,036.57	168.85	7.139		
12,600.00	6,840.00	6,708.18	6,707.43	179.64	1.82	-89.68	906.83	-6,986.52	1,224.22	1,057.90	166.32	7.361		
12,700.00	6,840.00	6,707.20	6,706.45	182.25	1.82	-89.64	906.84	-6,986.53	1,250.75	1,087.83	162.92	7.677		
12,800.00	6,840.00	6,706.23	6,705.48	184.86	1.82	-89.59	906.84	-6,986.54	1,284.54	1,125.71	158.82	8.088		
12,900.00	6,840.00	6,705.28	6,704.53	187.47	1.82	-89.54	906.84	-6,986.55	1,325.03	1,170.81	154.22	8.592		
13,000.00	6,840.00	6,704.33	6,703.57	190.09	1.82	-89.50	906.85	-6,986.56	1,371.62	1,222.35	149.27	9.189		
13,100.00	6,840.00	6,703.37	6,702.61	192.71	1.82	-89.45	906.85	-6,986.56	1,423.73	1,279.58	144.15	9.877		
13,200.00	6,840.00	6,702.40	6,701.65	195.34	1.82	-89.41	906.85	-6,986.57	1,480.76	1,341.79	138.98	10.655		
13,300.00	6,840.00	6,701.43	6,700.68	197.96	1.82	-89.36	906.86	-6,986.58	1,542.18	1,408.32	133.86	11.521		
13,400.00	6,840.00	6,700.46	6,699.71	200.59	1.82	-89.31	906.86	-6,986.59	1,607.47	1,478.60	128.87	12.473		
13,500.00	6,840.00	6,699.49	6,698.74	203.22	1.82	-89.27	906.86	-6,986.60	1,676.19	1,552.12	124.07	13.510		
13,600.00	6,840.00	6,698.54	6,697.79	205.85	1.82	-89.22	906.87	-6,986.61	1,747.93	1,628.45	119.48	14.630		
13,700.00	6,840.00	6,697.59	6,696.84	208.49	1.82	-89.18	906.87	-6,986.62	1,822.33	1,707.22	115.12	15.830		
13,800.00	6,840.00	6,696.64	6,695.89	211.13	1.82	-89.13	906.87	-6,986.63	1,899.09	1,788.08	111.01	17.108		
13,900.00	6,840.00	6,695.70	6,694.95	213.77	1.82	-89.08	906.88	-6,986.64	1,977.93	1,870.79	107.14	18.461		
14,000.00	6,840.00	6,694.76	6,694.01	216.41	1.82	-89.04	906.88	-6,986.65	2,058.60	1,955.09	103.51	19.888		
14,100.00	6,840.00	6,693.82	6,693.07	219.06	1.82	-88.99	906.88	-6,986.65	2,140.90	2,040.79	100.11	21.384		
14,200.00	6,840.00	6,692.88	6,692.13	221.70	1.82	-88.95	906.89	-6,986.66	2,224.66	2,127.72	96.94	22.949		
14,300.00	6,840.00	6,691.95	6,691.19	224.35	1.82	-88.90	906.89	-6,986.67	2,309.70	2,215.73	93.97	24.578		
14,400.00	6,840.00	6,691.01	6,690.26	227.00	1.82	-88.86	906.89	-6,986.68	2,395.91	2,304.70	91.20	26.270		
14,500.00	6,840.00	6,690.08	6,689.33	229.65	1.82	-88.81	906.90	-6,986.69	2,483.14	2,394.53	88.62	28.021		
14,600.00	6,840.00	6,689.16	6,688.41	232.30	1.82	-88.77	906.90	-6,986.70	2,571.31	2,485.11	86.20	29.829		
14,700.00	6,840.00	6,688.23	6,687.48	234.96	1.82	-88.73	906.90	-6,986.71	2,660.31	2,576.36	83.95	31.691		
14,800.00	6,840.00	6,687.31	6,686.56	237.61	1.82	-88.68	906.91	-6,986.72	2,750.07	2,668.23	81.84	33.604		
14,900.00	6,840.00	6,686.39	6,685.64	240.27	1.82	-88.64	906.91	-6,986.72	2,840.51	2,760.64	79.87	35.565		
15,000.00	6,840.00	6,685.47	6,684.72	242.93	1.82	-88.59	906.91	-6,986.73	2,931.57	2,853.55	78.03	37.571		
15,100.00	6,840.00	6,684.56	6,683.81	245.59	1.82	-88.55	906.92	-6,986.74	3,023.20	2,946.90	76.30	39.621		
15,200.00	6,840.00	6,683.64	6,682.89	248.25	1.82	-88.51	906.92	-6,986.75	3,115.34	3,040.65	74.69	41.710		
15,300.00	6,840.00	6,682.73	6,681.98	250.92	1.82	-88.46	906.92	-6,986.76	3,207.96	3,134.78	73.18	43.837		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,681.83	6,681.07	253.58	1.82	-88.42	906.93	-6,986.77	3,301.00	3,229.24	71.76	45.999		
15,500.00	6,840.00	6,680.92	6,680.17	256.25	1.82	-88.37	906.93	-6,986.78	3,394.44	3,324.00	70.43	48.194		
15,600.00	6,840.00	6,680.02	6,679.27	258.91	1.82	-88.33	906.93	-6,986.78	3,488.24	3,419.05	69.18	50.419		
15,700.00	6,840.00	6,679.12	6,678.36	261.58	1.82	-88.29	906.94	-6,986.79	3,582.38	3,514.36	68.01	52.672		
15,800.00	6,840.00	6,678.22	6,677.47	264.25	1.82	-88.24	906.94	-6,986.80	3,676.82	3,609.91	66.91	54.950		
15,900.00	6,840.00	6,677.32	6,676.57	266.92	1.82	-88.20	906.94	-6,986.81	3,771.56	3,705.68	65.88	57.252		
16,000.00	6,840.00	6,676.43	6,675.68	269.59	1.82	-88.16	906.95	-6,986.82	3,866.55	3,801.65	64.90	59.575		
16,100.00	6,840.00	6,675.54	6,674.78	272.26	1.82	-88.12	906.95	-6,986.83	3,961.80	3,897.81	63.99	61.917		
16,200.00	6,840.00	6,674.65	6,673.90	274.94	1.82	-88.07	906.95	-6,986.83	4,057.27	3,994.15	63.12	64.277		
16,300.00	6,840.00	6,673.76	6,673.01	277.61	1.82	-88.03	906.96	-6,986.84	4,152.96	4,090.65	62.31	66.652		
16,400.00	6,840.00	6,672.87	6,672.12	280.28	1.82	-87.99	906.96	-6,986.85	4,248.84	4,187.30	61.54	69.041		
16,500.00	6,840.00	6,671.99	6,671.24	282.96	1.82	-87.95	906.96	-6,986.86	4,344.91	4,284.09	60.82	71.442		
16,600.00	6,840.00	6,671.11	6,670.36	285.64	1.82	-87.90	906.97	-6,986.87	4,441.15	4,381.02	60.13	73.853		
16,700.00	6,840.00	6,670.23	6,669.48	288.31	1.82	-87.86	906.97	-6,986.87	4,537.56	4,478.07	59.49	76.274		
16,800.00	6,840.00	6,669.36	6,668.61	290.99	1.82	-87.82	906.97	-6,986.88	4,634.12	4,575.23	58.88	78.702		
16,900.00	6,840.00	6,668.48	6,667.73	293.67	1.82	-87.78	906.98	-6,986.89	4,730.82	4,672.51	58.31	81.136		
17,000.00	6,840.00	6,667.61	6,666.86	296.35	1.82	-87.74	906.98	-6,986.90	4,827.65	4,769.89	57.76	83.574		
17,100.00	6,840.00	6,666.74	6,665.99	299.03	1.82	-87.69	906.98	-6,986.91	4,924.61	4,867.36	57.25	86.017		
17,200.00	6,840.00	6,665.88	6,665.13	301.71	1.82	-87.65	906.99	-6,986.91	5,021.69	4,964.92	56.77	88.462		
17,300.00	6,840.00	6,665.01	6,664.26	304.39	1.82	-87.61	906.99	-6,986.92	5,118.88	5,062.57	56.31	90.908		
17,400.00	6,840.00	6,664.15	6,663.40	307.08	1.82	-87.57	906.99	-6,986.93	5,216.18	5,160.31	55.87	93.355		
17,500.00	6,840.00	6,663.29	6,662.54	309.76	1.82	-87.53	907.00	-6,986.94	5,313.58	5,258.11	55.46	95.801		
17,600.00	6,840.00	6,662.43	6,661.68	312.44	1.82	-87.49	907.00	-6,986.94	5,411.07	5,356.00	55.08	98.245		
17,700.00	6,840.00	6,661.58	6,660.82	315.13	1.82	-87.45	907.00	-6,986.95	5,508.66	5,453.94	54.71	100.688		
17,800.00	6,840.00	6,660.72	6,659.97	317.81	1.82	-87.40	907.01	-6,986.96	5,606.32	5,551.96	54.36	103.127		
17,900.00	6,840.00	6,659.87	6,659.12	320.50	1.82	-87.36	907.01	-6,986.97	5,704.07	5,650.04	54.04	105.562		
18,000.00	6,840.00	6,659.02	6,658.27	323.19	1.82	-87.32	907.01	-6,986.98	5,801.90	5,748.17	53.73	107.992		
18,100.00	6,840.00	6,658.17	6,657.42	325.87	1.82	-87.28	907.02	-6,986.98	5,899.79	5,846.36	53.43	110.417		
18,200.00	6,840.00	6,657.33	6,656.58	328.56	1.82	-87.24	907.02	-6,986.99	5,997.76	5,944.61	53.15	112.837		
18,300.00	6,840.00	6,656.48	6,655.73	331.25	1.82	-87.20	907.02	-6,987.00	6,095.79	6,042.90	52.89	115.250		
18,400.00	6,840.00	6,655.64	6,654.89	333.94	1.82	-87.16	907.03	-6,987.01	6,193.89	6,141.25	52.64	117.656		
18,500.00	6,840.00	6,654.80	6,654.05	336.63	1.82	-87.12	907.03	-6,987.01	6,292.05	6,239.64	52.41	120.055		
18,600.00	6,840.00	6,653.97	6,653.22	339.32	1.82	-87.08	907.03	-6,987.02	6,390.26	6,338.07	52.19	122.446		
18,700.00	6,840.00	6,653.13	6,652.38	342.01	1.82	-87.04	907.04	-6,987.03	6,488.53	6,436.55	51.98	124.828		
18,800.00	6,840.00	6,652.30	6,651.55	344.70	1.82	-87.00	907.04	-6,987.04	6,586.85	6,535.06	51.78	127.202		
18,900.00	6,840.00	6,651.47	6,650.72	347.39	1.82	-86.96	907.04	-6,987.04	6,685.21	6,633.62	51.60	129.567		
19,000.00	6,840.00	6,650.64	6,649.89	350.08	1.82	-86.92	907.05	-6,987.05	6,783.63	6,732.21	51.42	131.923		
19,100.00	6,840.00	6,649.81	6,649.06	352.77	1.82	-86.88	907.05	-6,987.06	6,882.09	6,830.84	51.26	134.269		
19,200.00	6,840.00	6,648.99	6,648.24	355.46	1.82	-86.84	907.05	-6,987.07	6,980.60	6,929.50	51.10	136.605		
19,300.00	6,840.00	6,648.17	6,647.42	358.16	1.82	-86.80	907.06	-6,987.07	7,079.15	7,028.19	50.95	138.932		
19,400.00	6,840.00	6,647.35	6,646.60	360.85	1.82	-86.76	907.06	-6,987.08	7,177.73	7,126.92	50.82	141.247		
19,500.00	6,840.00	6,646.53	6,645.78	363.54	1.82	-86.72	907.06	-6,987.09	7,276.36	7,225.67	50.69	143.552		
19,600.00	6,840.00	6,645.71	6,644.96	366.24	1.82	-86.69	907.07	-6,987.09	7,375.02	7,324.46	50.57	145.847		
19,700.00	6,840.00	6,644.90	6,644.15	368.93	1.82	-86.65	907.07	-6,987.10	7,473.72	7,423.27	50.45	148.130		
19,800.00	6,840.00	6,644.09	6,643.34	371.63	1.82	-86.61	907.07	-6,987.11	7,572.45	7,522.11	50.35	150.403		
19,900.00	6,840.00	6,643.28	6,642.53	374.32	1.82	-86.57	907.08	-6,987.12	7,671.22	7,620.97	50.25	152.664		
20,000.00	6,840.00	6,642.47	6,641.72	377.02	1.82	-86.53	907.08	-6,987.12	7,770.02	7,719.86	50.16	154.914		
20,100.00	6,840.00	6,641.66	6,640.91	379.71	1.82	-86.49	907.08	-6,987.13	7,868.84	7,818.77	50.07	157.152		
20,200.00	6,840.00	6,640.86	6,640.11	382.41	1.82	-86.45	907.09	-6,987.14	7,967.70	7,917.71	49.99	159.379		
20,300.00	6,840.00	6,640.06	6,639.31	385.11	1.82	-86.41	907.09	-6,987.14	8,066.58	8,016.67	49.92	161.594		
20,400.00	6,840.00	6,639.25	6,638.51	387.80	1.82	-86.38	907.09	-6,987.15	8,165.50	8,115.64	49.85	163.798		
20,500.00	6,840.00	6,638.46	6,637.71	390.50	1.82	-86.34	907.10	-6,987.16	8,264.43	8,214.64	49.79	165.990		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,637.66	6,636.91	393.20	1.82	-86.30	907.10	-6,987.16	8,363.40	8,313.66	49.73	168.170	
20,691.67	6,840.00	6,636.93	6,636.18	395.67	1.82	-86.26	907.10	-6,987.17	8,454.13	8,404.45	49.68	170.158	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-75.01	2,254.29	-8,420.16	8,717.77					
100.00	100.00	0.00	0.00	0.13	0.00	-75.01	2,254.29	-8,420.16	8,716.78	8,716.65	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-75.01	2,254.29	-8,420.16	8,716.71	8,716.26	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-75.01	2,254.29	-8,420.16	8,716.71	8,715.71	1.00	8,755.635		
300.00	300.00	164.00	164.00	0.85	1.90	-75.01	2,254.29	-8,420.16	8,716.71	8,713.95	2.75	3,165.361		
400.00	399.98	263.98	263.98	1.21	3.65	-30.40	2,254.29	-8,420.16	8,715.20	8,710.35	4.86	1,794.875		
500.00	499.84	363.84	363.84	1.57	5.39	-30.46	2,254.29	-8,420.16	8,710.69	8,703.73	6.96	1,251.863		
600.00	599.45	463.45	463.45	1.94	7.13	-30.57	2,254.29	-8,420.16	8,703.17	8,694.11	9.06	960.557		
700.00	698.70	562.70	562.70	2.32	8.86	-30.72	2,254.29	-8,420.16	8,692.67	8,681.50	11.16	778.788		
800.00	797.47	661.47	661.47	2.73	10.58	-30.91	2,254.29	-8,420.16	8,679.19	8,665.93	13.26	654.458		
900.00	895.62	759.62	759.62	3.16	12.30	-31.15	2,254.29	-8,420.16	8,662.76	8,647.40	15.36	563.979		
1,000.00	993.06	857.06	857.06	3.63	14.00	-31.43	2,254.29	-8,420.16	8,643.40	8,625.94	17.46	495.122		
1,100.00	1,089.64	953.64	953.64	4.14	15.68	-31.76	2,254.29	-8,420.16	8,621.15	8,601.60	19.55	440.913		
1,200.00	1,185.27	1,049.27	1,049.27	4.70	17.35	-32.13	2,254.29	-8,420.16	8,596.04	8,574.39	21.65	397.088		
1,300.00	1,279.82	1,143.82	1,143.82	5.30	19.00	-32.56	2,254.29	-8,420.16	8,568.10	8,544.36	23.74	360.891		
1,400.00	1,373.17	1,237.17	1,237.17	5.96	20.63	-33.03	2,254.29	-8,420.16	8,537.40	8,511.56	25.83	330.463		
1,500.00	1,465.21	1,329.21	1,329.21	6.67	22.24	-33.57	2,254.29	-8,420.16	8,503.96	8,476.03	27.93	304.505		
1,600.00	1,555.84	1,419.84	1,419.84	7.44	23.82	-34.15	2,254.29	-8,420.16	8,467.85	8,437.83	30.02	282.081		
1,700.00	1,645.41	1,509.41	1,509.41	8.26	25.38	-34.42	2,254.29	-8,420.16	8,429.91	8,397.80	32.11	262.512		
1,800.00	1,734.94	1,601.06	1,598.94	9.09	26.98	-34.59	2,254.29	-8,420.16	8,391.97	8,357.72	34.25	245.020		
1,900.00	1,824.47	1,688.47	1,688.47	9.94	28.51	-34.75	2,254.29	-8,420.16	8,354.09	8,317.77	36.33	229.982		
2,000.00	1,913.99	1,777.99	1,777.99	10.80	30.07	-34.92	2,254.29	-8,420.16	8,316.28	8,277.84	38.45	216.307		
2,100.00	2,003.52	1,867.52	1,867.52	11.66	31.63	-35.09	2,254.29	-8,420.16	8,278.54	8,237.96	40.58	204.021		
2,200.00	2,093.05	1,957.05	1,957.05	12.53	33.20	-35.27	2,254.29	-8,420.16	8,240.87	8,198.15	42.71	192.928		
2,300.00	2,182.58	2,046.58	2,046.58	13.40	34.76	-35.44	2,254.29	-8,420.16	8,203.26	8,158.40	44.86	182.866		
2,400.00	2,272.11	2,136.11	2,136.11	14.28	36.32	-35.61	2,254.29	-8,420.16	8,165.72	8,118.71	47.01	173.701		
2,500.00	2,361.63	2,225.63	2,225.63	15.16	37.88	-35.79	2,254.29	-8,420.16	8,128.26	8,079.09	49.17	165.320		
2,600.00	2,451.16	2,315.16	2,315.16	16.04	39.45	-35.97	2,254.29	-8,420.16	8,090.87	8,039.54	51.33	157.628		
2,700.00	2,540.69	2,404.69	2,404.69	16.92	41.01	-36.15	2,254.29	-8,420.16	8,053.54	8,000.05	53.50	150.545		
2,800.00	2,630.22	2,505.78	2,494.22	17.81	42.77	-36.33	2,254.29	-8,420.16	8,016.30	7,960.43	55.87	143.481		
2,900.00	2,719.75	2,583.75	2,583.75	18.70	44.13	-36.51	2,254.29	-8,420.16	7,979.13	7,921.28	57.84	137.940		
3,000.00	2,809.28	2,673.28	2,673.28	19.58	45.70	-36.70	2,254.29	-8,420.16	7,942.03	7,882.00	60.03	132.309		
3,100.00	2,898.80	2,762.80	2,762.80	20.47	47.26	-36.88	2,254.29	-8,420.16	7,905.01	7,842.80	62.21	127.065		
3,200.00	2,988.33	2,852.33	2,852.33	21.36	48.82	-37.07	2,254.29	-8,420.16	7,868.07	7,803.67	64.40	122.171		
3,300.00	3,077.86	2,941.86	2,941.86	22.26	50.39	-37.26	2,254.29	-8,420.16	7,831.21	7,764.61	66.60	117.591		
3,400.00	3,167.39	3,031.39	3,031.39	23.15	51.95	-37.45	2,254.29	-8,420.16	7,794.43	7,725.63	68.80	113.298		
3,500.00	3,256.92	3,120.92	3,120.92	24.04	53.51	-37.64	2,254.29	-8,420.16	7,757.73	7,686.73	71.00	109.266		
3,600.00	3,346.44	3,210.44	3,210.44	24.93	55.07	-37.84	2,254.29	-8,420.16	7,721.11	7,647.90	73.21	105.472		
3,700.00	3,435.97	3,300.03	3,299.97	25.83	56.64	-38.03	2,254.29	-8,420.16	7,684.57	7,609.16	75.42	101.894		
3,800.00	3,525.50	3,389.50	3,389.50	26.72	58.20	-38.23	2,254.29	-8,420.16	7,648.13	7,570.49	77.63	98.518		
3,900.00	3,615.03	3,479.03	3,479.03	27.62	59.76	-38.43	2,254.29	-8,420.16	7,611.76	7,531.91	79.85	95.324		
4,000.00	3,704.56	3,568.56	3,568.56	28.51	61.32	-38.63	2,254.29	-8,420.16	7,575.49	7,493.41	82.07	92.300		
4,100.00	3,794.09	3,658.09	3,658.09	29.41	62.89	-38.83	2,254.29	-8,420.16	7,539.30	7,455.00	84.30	89.431		
4,200.00	3,883.61	3,747.61	3,747.61	30.30	64.45	-39.04	2,254.29	-8,420.16	7,503.21	7,416.67	86.53	86.708		
4,300.00	3,973.14	3,837.14	3,837.14	31.20	66.01	-39.25	2,254.29	-8,420.16	7,467.20	7,378.43	88.77	84.118		
4,400.00	4,062.67	3,926.67	3,926.67	32.10	67.57	-39.45	2,254.29	-8,420.16	7,431.29	7,340.28	91.01	81.653		
4,500.00	4,152.20	4,016.20	4,016.20	32.99	69.14	-39.66	2,254.29	-8,420.16	7,395.47	7,302.21	93.26	79.304		
4,600.00	4,241.73	4,105.73	4,105.73	33.89	70.70	-39.88	2,254.29	-8,420.16	7,359.75	7,264.24	95.50	77.062		
4,700.00	4,331.26	4,204.75	4,195.26	34.79	72.43	-40.09	2,254.29	-8,420.16	7,324.12	7,226.20	97.92	74.795		
4,800.00	4,420.78	4,284.78	4,284.78	35.69	73.82	-40.31	2,254.29	-8,420.16	7,288.59	7,188.58	100.01	72.876		
4,900.00	4,510.31	4,374.31	4,374.31	36.58	75.39	-40.52	2,254.29	-8,420.16	7,253.16	7,150.89	102.28	70.918		
5,000.00	4,599.84	4,463.84	4,463.84	37.48	76.95	-40.74	2,254.29	-8,420.16	7,217.84	7,113.29	104.54	69.043		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,553.37	4,553.37	38.38	78.51	-40.97	2,254.29	-8,420.16	7,182.61	7,075.80	106.81	67.246		
5,200.00	4,778.90	4,642.90	4,642.90	39.28	80.07	-41.19	2,254.29	-8,420.16	7,147.49	7,038.40	109.09	65.521		
5,300.00	4,868.42	4,732.42	4,732.42	40.18	81.64	-41.42	2,254.29	-8,420.16	7,112.47	7,001.11	111.37	63.866		
5,400.00	4,957.95	4,821.95	4,821.95	41.07	83.20	-41.64	2,254.29	-8,420.16	7,077.57	6,963.92	113.65	62.276		
5,500.00	5,047.48	4,911.48	4,911.48	41.97	84.76	-41.87	2,254.29	-8,420.16	7,042.77	6,926.83	115.94	60.746		
5,600.00	5,137.01	5,001.01	5,001.01	42.87	86.32	-42.11	2,254.29	-8,420.16	7,008.08	6,889.85	118.23	59.275		
5,700.00	5,226.54	5,109.46	5,090.54	43.77	88.22	-42.34	2,254.29	-8,420.16	6,973.50	6,852.64	120.86	57.700		
5,800.00	5,316.07	5,180.07	5,180.07	44.67	89.45	-42.58	2,254.29	-8,420.16	6,939.04	6,816.21	122.83	56.493		
5,900.00	5,405.59	5,269.59	5,269.59	45.57	91.01	-42.81	2,254.29	-8,420.16	6,904.69	6,779.55	125.14	55.177		
6,000.00	5,495.12	5,359.12	5,359.12	46.47	92.57	-43.06	2,254.29	-8,420.16	6,870.46	6,743.01	127.45	53.907		
6,100.00	5,584.65	5,448.65	5,448.65	47.37	94.14	-43.30	2,254.29	-8,420.16	6,836.35	6,706.58	129.77	52.682		
6,200.00	5,674.18	5,538.18	5,538.18	48.27	95.70	-43.54	2,254.29	-8,420.16	6,802.36	6,670.27	132.09	51.499		
6,300.00	5,763.71	5,627.71	5,627.71	49.16	97.26	-43.79	2,254.29	-8,420.16	6,768.49	6,634.07	134.41	50.356		
6,400.00	5,853.23	5,717.23	5,717.23	50.06	98.82	-44.04	2,254.29	-8,420.16	6,734.74	6,598.00	136.75	49.250		
6,500.00	5,942.76	5,806.76	5,806.76	50.96	100.39	-44.29	2,254.29	-8,420.16	6,701.13	6,562.04	139.08	48.181		
6,600.00	6,032.29	5,903.71	5,896.29	51.86	102.08	-44.54	2,254.29	-8,420.16	6,667.64	6,526.08	141.55	47.103		
6,700.00	6,121.82	5,985.82	5,985.82	52.76	103.51	-44.80	2,254.29	-8,420.16	6,634.28	6,490.51	143.77	46.145		
6,800.00	6,211.35	6,075.35	6,075.35	53.66	105.07	-45.06	2,254.29	-8,420.16	6,601.05	6,454.93	146.12	45.175		
6,900.00	6,300.88	6,164.88	6,164.88	54.56	106.64	-45.32	2,254.29	-8,420.16	6,567.96	6,419.48	148.48	44.235		
7,000.00	6,390.40	6,254.40	6,254.40	55.46	108.20	-45.58	2,254.29	-8,420.16	6,535.00	6,384.16	150.84	43.324		
7,100.00	6,479.90	6,343.90	6,343.90	56.36	109.76	-44.14	2,254.29	-8,420.16	6,502.07	6,348.86	153.21	42.439		
7,200.00	6,565.62	6,429.62	6,429.62	57.41	111.26	-33.23	2,254.29	-8,420.16	6,459.49	6,303.98	155.51	41.536		
7,300.00	6,643.25	6,507.25	6,507.25	58.67	112.61	-26.60	2,254.29	-8,420.16	6,401.99	6,244.35	157.64	40.610		
7,400.00	6,710.45	6,574.45	6,574.45	60.11	113.79	-22.29	2,254.29	-8,420.16	6,331.28	6,171.76	159.51	39.691		
7,500.00	6,765.16	6,629.16	6,629.16	61.71	114.74	-19.22	2,254.29	-8,420.16	6,249.45	6,088.40	161.04	38.806		
7,600.00	6,805.74	6,669.74	6,669.74	63.40	115.45	-16.50	2,254.29	-8,420.16	6,158.96	5,996.78	162.18	37.977		
7,700.00	6,830.93	6,705.07	6,694.93	65.14	116.07	-11.99	2,254.29	-8,420.16	6,062.53	5,899.49	163.04	37.185		
7,800.00	6,839.98	6,703.98	6,703.98	66.86	116.05	68.99	2,254.29	-8,420.16	5,963.07	5,799.99	163.08	36.566		
7,900.00	6,840.00	6,704.00	6,704.00	68.58	116.05	90.00	2,254.29	-8,420.16	5,863.10	5,700.07	163.03	35.963		
8,000.00	6,840.00	6,704.00	6,704.00	70.35	116.05	90.00	2,254.29	-8,420.16	5,763.13	5,600.15	162.99	35.360		
8,100.00	6,840.00	6,704.00	6,704.00	72.18	116.05	90.00	2,254.29	-8,420.16	5,663.17	5,500.23	162.94	34.757		
8,200.00	6,840.00	6,704.00	6,704.00	74.06	116.05	90.00	2,254.29	-8,420.16	5,563.20	5,400.32	162.88	34.154		
8,300.00	6,840.00	6,704.00	6,704.00	75.98	116.05	90.00	2,254.29	-8,420.16	5,463.24	5,300.41	162.83	33.551		
8,400.00	6,840.00	6,704.00	6,704.00	77.96	116.05	90.00	2,254.29	-8,420.16	5,363.28	5,200.50	162.78	32.949		
8,500.00	6,840.00	6,704.00	6,704.00	79.97	116.05	90.00	2,254.29	-8,420.16	5,263.32	5,100.60	162.72	32.346		
8,600.00	6,840.00	6,704.00	6,704.00	82.03	116.05	90.00	2,254.29	-8,420.16	5,163.36	5,000.70	162.66	31.743		
8,700.00	6,840.00	6,704.00	6,704.00	84.12	116.05	90.00	2,254.29	-8,420.16	5,063.40	4,900.80	162.60	31.140		
8,800.00	6,840.00	6,704.00	6,704.00	86.25	116.05	90.00	2,254.29	-8,420.16	4,963.45	4,800.91	162.54	30.537		
8,900.00	6,840.00	6,704.00	6,704.00	88.41	116.05	90.00	2,254.29	-8,420.16	4,863.49	4,701.02	162.47	29.934		
9,000.00	6,840.00	6,704.00	6,704.00	90.60	116.05	90.00	2,254.29	-8,420.16	4,763.54	4,601.14	162.40	29.332		
9,100.00	6,840.00	6,704.00	6,704.00	92.82	116.05	90.00	2,254.29	-8,420.16	4,663.59	4,501.26	162.33	28.729		
9,200.00	6,840.00	6,704.00	6,704.00	95.07	116.05	90.00	2,254.29	-8,420.16	4,563.64	4,401.39	162.26	28.126		
9,300.00	6,840.00	6,704.00	6,704.00	97.34	116.05	90.00	2,254.29	-8,420.16	4,463.70	4,301.52	162.18	27.524		
9,400.00	6,840.00	6,704.00	6,704.00	99.64	116.05	90.00	2,254.29	-8,420.16	4,363.75	4,201.66	162.09	26.921		
9,500.00	6,840.00	6,704.00	6,704.00	101.95	116.05	90.00	2,254.29	-8,420.16	4,263.81	4,101.80	162.01	26.318		
9,600.00	6,840.00	6,704.00	6,704.00	104.29	116.05	90.00	2,254.29	-8,420.16	4,163.88	4,001.96	161.92	25.716		
9,700.00	6,840.00	6,704.00	6,704.00	106.64	116.05	90.00	2,254.29	-8,420.16	4,063.94	3,902.12	161.82	25.113		
9,800.00	6,840.00	6,704.00	6,704.00	109.02	116.05	90.00	2,254.29	-8,420.16	3,964.01	3,802.29	161.72	24.511		
9,900.00	6,840.00	6,704.00	6,704.00	111.41	116.05	90.00	2,254.29	-8,420.16	3,864.08	3,702.46	161.62	23.909		
10,000.00	6,840.00	6,704.00	6,704.00	113.81	116.05	90.00	2,254.29	-8,420.16	3,764.16	3,602.65	161.51	23.306		
10,100.00	6,840.00	6,704.00	6,704.00	116.23	116.05	90.00	2,254.29	-8,420.16	3,664.24	3,502.85	161.39	22.704		
10,200.00	6,840.00	6,704.00	6,704.00	118.67	116.05	90.00	2,254.29	-8,420.16	3,564.32	3,403.06	161.27	22.102		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 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		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)		+N/-S (usft)	+E/-W (usft)						
10,300.00	6,840.00	6,704.00	6,704.00	121.11	116.05	90.00	2,254.29	-8,420.16	3,464.41	3,303.28	161.14	21.500		
10,400.00	6,840.00	6,704.00	6,704.00	123.57	116.05	90.00	2,254.29	-8,420.16	3,364.51	3,203.51	161.00	20.898		
10,500.00	6,840.00	6,704.00	6,704.00	126.04	116.05	90.00	2,254.29	-8,420.16	3,264.61	3,103.76	160.85	20.296		
10,600.00	6,840.00	6,704.00	6,704.00	128.52	116.05	90.00	2,254.29	-8,420.16	3,164.72	3,004.02	160.70	19.694		
10,700.00	6,840.00	6,704.00	6,704.00	131.01	116.05	90.00	2,254.29	-8,420.16	3,064.83	2,904.30	160.53	19.092		
10,800.00	6,840.00	6,704.00	6,704.00	133.51	116.05	90.00	2,254.29	-8,420.16	2,964.96	2,804.60	160.35	18.490		
10,900.00	6,840.00	6,704.00	6,704.00	136.02	116.05	90.00	2,254.29	-8,420.16	2,865.09	2,704.92	160.16	17.888		
11,000.00	6,840.00	6,704.00	6,704.00	138.53	116.05	90.00	2,254.29	-8,420.16	2,765.23	2,605.26	159.96	17.287		
11,100.00	6,840.00	6,704.00	6,704.00	141.06	116.05	90.00	2,254.29	-8,420.16	2,665.38	2,505.63	159.75	16.685		
11,200.00	6,840.00	6,704.00	6,704.00	143.59	116.05	90.00	2,254.29	-8,420.16	2,565.54	2,406.02	159.51	16.083		
11,300.00	6,840.00	6,704.00	6,704.00	146.13	116.05	90.00	2,254.29	-8,420.16	2,465.72	2,306.45	159.27	15.482		
11,400.00	6,840.00	6,704.00	6,704.00	148.68	116.05	90.00	2,254.29	-8,420.16	2,365.91	2,206.91	159.00	14.880		
11,500.00	6,840.00	6,704.00	6,704.00	151.23	116.05	90.00	2,254.29	-8,420.16	2,266.11	2,107.40	158.71	14.278		
11,600.00	6,840.00	6,704.00	6,704.00	153.79	116.05	90.00	2,254.29	-8,420.16	2,166.34	2,007.94	158.40	13.676		
11,700.00	6,840.00	6,704.00	6,704.00	156.35	116.05	90.00	2,254.29	-8,420.16	2,066.59	1,908.52	158.07	13.074		
11,800.00	6,840.00	6,704.00	6,704.00	158.92	116.05	90.00	2,254.29	-8,420.16	1,966.86	1,809.16	157.70	12.472		
11,900.00	6,840.00	6,704.00	6,704.00	161.49	116.05	90.00	2,254.29	-8,420.16	1,867.16	1,709.85	157.31	11.869		
12,000.00	6,840.00	6,704.00	6,704.00	164.07	116.05	90.00	2,254.29	-8,420.16	1,767.50	1,610.61	156.89	11.266		
12,100.00	6,840.00	6,704.00	6,704.00	166.66	116.05	90.00	2,254.29	-8,420.16	1,667.88	1,511.45	156.43	10.662		
12,200.00	6,840.00	6,704.00	6,704.00	169.25	116.05	90.00	2,254.29	-8,420.16	1,568.30	1,412.37	155.93	10.058		
12,300.00	6,840.00	6,704.00	6,704.00	171.84	116.05	90.00	2,254.29	-8,420.16	1,468.79	1,313.39	155.40	9.452		
12,400.00	6,840.00	6,704.00	6,704.00	174.44	116.05	90.00	2,254.29	-8,420.16	1,369.34	1,214.51	154.83	8.844		
12,500.00	6,840.00	6,704.00	6,704.00	177.04	116.05	90.00	2,254.29	-8,420.16	1,269.98	1,115.75	154.23	8.234		
12,600.00	6,840.00	6,704.00	6,704.00	179.64	116.05	90.00	2,254.29	-8,420.16	1,170.73	1,017.12	153.61	7.621		
12,700.00	6,840.00	6,704.00	6,704.00	182.25	116.05	90.00	2,254.29	-8,420.16	1,071.62	918.60	153.02	7.003		
12,800.00	6,840.00	6,704.00	6,704.00	184.86	116.05	90.00	2,254.29	-8,420.16	972.69	820.19	152.50	6.378		
12,900.00	6,840.00	6,704.00	6,704.00	187.47	116.05	90.00	2,254.29	-8,420.16	874.01	721.83	152.17	5.744		
13,000.00	6,840.00	6,704.00	6,704.00	190.09	116.05	90.00	2,254.29	-8,420.16	775.66	623.39	152.27	5.094		
13,100.00	6,840.00	6,704.00	6,704.00	192.71	116.05	90.00	2,254.29	-8,420.16	677.79	524.58	153.21	4.424		
13,200.00	6,840.00	6,704.00	6,704.00	195.34	116.05	90.00	2,254.29	-8,420.16	580.66	424.85	155.80	3.727		
13,300.00	6,840.00	6,704.00	6,704.00	197.96	116.05	90.00	2,254.29	-8,420.16	484.69	323.23	161.46	3.002		
13,400.00	6,840.00	6,704.00	6,704.00	200.59	116.05	90.00	2,254.29	-8,420.16	390.74	218.08	172.66	2.263		
13,500.00	6,840.00	6,704.00	6,704.00	203.22	116.05	90.00	2,254.29	-8,420.16	300.73	106.84	193.89	1.551		
13,600.00	6,840.00	6,704.00	6,704.00	205.85	116.05	90.00	2,254.29	-8,420.16	219.53	-13.57	233.11	0.942	Level 1	
13,700.00	6,840.00	6,704.00	6,704.00	208.49	116.05	90.00	2,254.29	-8,420.16	161.10	-133.45	294.55	0.547	Level 1	
13,761.21	6,840.00	6,704.00	6,704.00	210.11	116.05	90.00	2,254.29	-8,420.16	149.02	-174.48	323.50	0.461	Level 1, CC, ES, SF	
13,800.00	6,840.00	6,704.00	6,704.00	211.13	116.05	90.00	2,254.29	-8,420.16	153.99	-172.28	326.27	0.472	Level 1	
13,900.00	6,840.00	6,704.00	6,704.00	213.77	116.05	90.00	2,254.29	-8,420.16	203.64	-91.04	294.69	0.691	Level 1	
14,000.00	6,840.00	6,704.00	6,704.00	216.41	116.05	90.00	2,254.29	-8,420.16	281.48	20.95	260.52	1.080	Level 2	
14,100.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,254.29	-8,420.16	370.12	132.06	238.06	1.555		
14,200.00	6,840.00	6,704.00	6,704.00	221.70	116.05	90.00	2,254.29	-8,420.16	463.41	239.90	223.51	2.073		
14,300.00	6,840.00	6,704.00	6,704.00	224.35	116.05	90.00	2,254.29	-8,420.16	559.02	345.38	213.64	2.617		
14,400.00	6,840.00	6,704.00	6,704.00	227.00	116.05	90.00	2,254.29	-8,420.16	655.94	449.34	206.61	3.175		
14,500.00	6,840.00	6,704.00	6,704.00	229.65	116.05	90.00	2,254.29	-8,420.16	753.67	552.28	201.39	3.742		
14,600.00	6,840.00	6,704.00	6,704.00	232.30	116.05	90.00	2,254.29	-8,420.16	851.93	654.54	197.39	4.316		
14,700.00	6,840.00	6,704.00	6,704.00	234.96	116.05	90.00	2,254.29	-8,420.16	950.55	756.31	194.23	4.894		
14,800.00	6,840.00	6,704.00	6,704.00	237.61	116.05	90.00	2,254.29	-8,420.16	1,049.43	857.73	191.69	5.475		
14,900.00	6,840.00	6,704.00	6,704.00	240.27	116.05	90.00	2,254.29	-8,420.16	1,148.50	958.89	189.61	6.057		
15,000.00	6,840.00	6,704.00	6,704.00	242.93	116.05	90.00	2,254.29	-8,420.16	1,247.72	1,059.85	187.87	6.641		
15,100.00	6,840.00	6,704.00	6,704.00	245.59	116.05	90.00	2,254.29	-8,420.16	1,347.06	1,160.66	186.40	7.227		
15,200.00	6,840.00	6,704.00	6,704.00	248.25	116.05	90.00	2,254.29	-8,420.16	1,446.49	1,261.34	185.15	7.812		
15,300.00	6,840.00	6,704.00	6,704.00	250.92	116.05	90.00	2,254.29	-8,420.16	1,545.99	1,361.92	184.07	8.399		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 26-T4N-R65W - SI VERT DUPPER 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		
15,400.00	6,840.00	6,704.00	6,704.00	253.58	116.05	90.00	2,254.29	-8,420.16	1,645.55	1,462.42	183.13	8.985		
15,500.00	6,840.00	6,704.00	6,704.00	256.25	116.05	90.00	2,254.29	-8,420.16	1,745.17	1,562.85	182.31	9.572		
15,600.00	6,840.00	6,704.00	6,704.00	258.91	116.05	90.00	2,254.29	-8,420.16	1,844.82	1,663.23	181.59	10.159		
15,700.00	6,840.00	6,704.00	6,704.00	261.58	116.05	90.00	2,254.29	-8,420.16	1,944.51	1,763.57	180.94	10.746		
15,800.00	6,840.00	6,704.00	6,704.00	264.25	116.05	90.00	2,254.29	-8,420.16	2,044.23	1,863.86	180.37	11.333		
15,900.00	6,840.00	6,704.00	6,704.00	266.92	116.05	90.00	2,254.29	-8,420.16	2,143.98	1,964.12	179.86	11.920		
16,000.00	6,840.00	6,704.00	6,704.00	269.59	116.05	90.00	2,254.29	-8,420.16	2,243.75	2,064.35	179.40	12.507		
16,100.00	6,840.00	6,704.00	6,704.00	272.26	116.05	90.00	2,254.29	-8,420.16	2,343.54	2,164.55	178.98	13.094		
16,200.00	6,840.00	6,704.00	6,704.00	274.94	116.05	90.00	2,254.29	-8,420.16	2,443.34	2,264.74	178.61	13.680		
16,300.00	6,840.00	6,704.00	6,704.00	277.61	116.05	90.00	2,254.29	-8,420.16	2,543.16	2,364.90	178.26	14.266		
16,400.00	6,840.00	6,704.00	6,704.00	280.28	116.05	90.00	2,254.29	-8,420.16	2,643.00	2,465.04	177.95	14.852		
16,500.00	6,840.00	6,704.00	6,704.00	282.96	116.05	90.00	2,254.29	-8,420.16	2,742.84	2,565.17	177.67	15.438		
16,600.00	6,840.00	6,704.00	6,704.00	285.64	116.05	90.00	2,254.29	-8,420.16	2,842.70	2,665.29	177.41	16.023		
16,700.00	6,840.00	6,704.00	6,704.00	288.31	116.05	90.00	2,254.29	-8,420.16	2,942.57	2,765.39	177.18	16.608		
16,800.00	6,840.00	6,704.00	6,704.00	290.99	116.05	90.00	2,254.29	-8,420.16	3,042.44	2,865.49	176.96	17.193		
16,900.00	6,840.00	6,704.00	6,704.00	293.67	116.05	90.00	2,254.29	-8,420.16	3,142.33	2,965.57	176.76	17.777		
17,000.00	6,840.00	6,704.00	6,704.00	296.35	116.05	90.00	2,254.29	-8,420.16	3,242.22	3,065.64	176.58	18.362		
17,100.00	6,840.00	6,704.00	6,704.00	299.03	116.05	90.00	2,254.29	-8,420.16	3,342.12	3,165.71	176.41	18.945		
17,200.00	6,840.00	6,704.00	6,704.00	301.71	116.05	90.00	2,254.29	-8,420.16	3,442.02	3,265.77	176.25	19.529		
17,300.00	6,840.00	6,704.00	6,704.00	304.39	116.05	90.00	2,254.29	-8,420.16	3,541.93	3,365.82	176.11	20.112		
17,400.00	6,840.00	6,704.00	6,704.00	307.08	116.05	90.00	2,254.29	-8,420.16	3,641.84	3,465.86	175.98	20.694		
17,500.00	6,840.00	6,704.00	6,704.00	309.76	116.05	90.00	2,254.29	-8,420.16	3,741.76	3,565.90	175.86	21.277		
17,600.00	6,840.00	6,704.00	6,704.00	312.44	116.05	90.00	2,254.29	-8,420.16	3,841.68	3,665.93	175.75	21.859		
17,700.00	6,840.00	6,704.00	6,704.00	315.13	116.05	90.00	2,254.29	-8,420.16	3,941.61	3,765.96	175.65	22.440		
17,800.00	6,840.00	6,704.00	6,704.00	317.81	116.05	90.00	2,254.29	-8,420.16	4,041.54	3,865.99	175.56	23.021		
17,900.00	6,840.00	6,704.00	6,704.00	320.50	116.05	90.00	2,254.29	-8,420.16	4,141.47	3,966.00	175.47	23.602		
18,000.00	6,840.00	6,704.00	6,704.00	323.19	116.05	90.00	2,254.29	-8,420.16	4,241.41	4,066.02	175.39	24.183		
18,100.00	6,840.00	6,704.00	6,704.00	325.87	116.05	90.00	2,254.29	-8,420.16	4,341.35	4,166.03	175.32	24.762		
18,200.00	6,840.00	6,704.00	6,704.00	328.56	116.05	90.00	2,254.29	-8,420.16	4,441.29	4,266.04	175.25	25.342		
18,300.00	6,840.00	6,704.00	6,704.00	331.25	116.05	90.00	2,254.29	-8,420.16	4,541.24	4,366.04	175.19	25.921		
18,400.00	6,840.00	6,704.00	6,704.00	333.94	116.05	90.00	2,254.29	-8,420.16	4,641.19	4,466.05	175.14	26.500		
18,500.00	6,840.00	6,704.00	6,704.00	336.63	116.05	90.00	2,254.29	-8,420.16	4,741.14	4,566.04	175.09	27.078		
18,600.00	6,840.00	6,704.00	6,704.00	339.32	116.05	90.00	2,254.29	-8,420.16	4,841.09	4,666.04	175.05	27.656		
18,700.00	6,840.00	6,704.00	6,704.00	342.01	116.05	90.00	2,254.29	-8,420.16	4,941.04	4,766.03	175.01	28.233		
18,800.00	6,840.00	6,704.00	6,704.00	344.70	116.05	90.00	2,254.29	-8,420.16	5,041.00	4,866.02	174.97	28.810		
18,900.00	6,840.00	6,704.00	6,704.00	347.39	116.05	90.00	2,254.29	-8,420.16	5,140.95	4,966.01	174.94	29.387		
19,000.00	6,840.00	6,704.00	6,704.00	350.08	116.05	90.00	2,254.29	-8,420.16	5,240.91	5,066.00	174.91	29.963		
19,100.00	6,840.00	6,704.00	6,704.00	352.77	116.05	90.00	2,254.29	-8,420.16	5,340.87	5,165.98	174.89	30.539		
19,200.00	6,840.00	6,704.00	6,704.00	355.46	116.05	90.00	2,254.29	-8,420.16	5,440.83	5,265.96	174.87	31.114		
19,300.00	6,840.00	6,704.00	6,704.00	358.16	116.05	90.00	2,254.29	-8,420.16	5,540.80	5,365.94	174.85	31.689		
19,400.00	6,840.00	6,704.00	6,704.00	360.85	116.05	90.00	2,254.29	-8,420.16	5,640.76	5,465.92	174.84	32.263		
19,500.00	6,840.00	6,704.00	6,704.00	363.54	116.05	90.00	2,254.29	-8,420.16	5,740.73	5,565.90	174.83	32.837		
19,600.00	6,840.00	6,704.00	6,704.00	366.24	116.05	90.00	2,254.29	-8,420.16	5,840.69	5,665.87	174.82	33.410		
19,700.00	6,840.00	6,704.00	6,704.00	368.93	116.05	90.00	2,254.29	-8,420.16	5,940.66	5,765.85	174.81	33.983		
19,800.00	6,840.00	6,704.00	6,704.00	371.63	116.05	90.00	2,254.29	-8,420.16	6,040.63	5,865.82	174.81	34.555		
19,900.00	6,840.00	6,704.00	6,704.00	374.32	116.05	90.00	2,254.29	-8,420.16	6,140.60	5,965.79	174.81	35.127		
20,000.00	6,840.00	6,704.00	6,704.00	377.02	116.05	90.00	2,254.29	-8,420.16	6,240.57	6,065.76	174.81	35.698		
20,100.00	6,840.00	6,704.00	6,704.00	379.71	116.05	90.00	2,254.29	-8,420.16	6,340.54	6,165.73	174.82	36.269		
20,200.00	6,840.00	6,704.00	6,704.00	382.41	116.05	90.00	2,254.29	-8,420.16	6,440.52	6,265.69	174.82	36.840		
20,300.00	6,840.00	6,704.00	6,704.00	385.11	116.05	90.00	2,254.29	-8,420.16	6,540.49	6,365.66	174.83	37.410		
20,400.00	6,840.00	6,704.00	6,704.00	387.80	116.05	90.00	2,254.29	-8,420.16	6,640.46	6,465.62	174.84	37.979		
20,500.00	6,840.00	6,704.00	6,704.00	390.50	116.05	90.00	2,254.29	-8,420.16	6,740.44	6,565.58	174.86	38.548		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,704.00	6,704.00	393.20	116.05	90.00	2,254.29	-8,420.16	6,840.42	6,665.54	174.87	39.117	
20,691.67	6,840.00	6,704.00	6,704.00	395.67	116.05	90.00	2,254.29	-8,420.16	6,932.06	6,757.18	174.89	39.638	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-73.44	2,130.03	-7,162.00	7,473.27					
100.00	100.00	0.00	0.00	0.13	0.00	-73.44	2,130.03	-7,162.00	7,472.12	7,471.99	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-73.44	2,130.03	-7,162.00	7,472.03	7,471.59	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-73.44	2,130.03	-7,162.00	7,472.03	7,471.04	1.00	7,505.403		
300.00	300.00	164.00	164.00	0.85	1.90	-73.44	2,130.03	-7,162.00	7,472.03	7,469.28	2.75	2,713.374		
400.00	399.98	263.98	263.98	1.21	3.65	-28.82	2,130.03	-7,162.00	7,470.50	7,465.65	4.86	1,538.523		
500.00	499.84	363.84	363.84	1.57	5.39	-28.89	2,130.03	-7,162.00	7,465.92	7,458.96	6.96	1,072.953		
600.00	599.45	463.45	463.45	1.94	7.13	-28.99	2,130.03	-7,162.00	7,458.29	7,449.22	9.06	823.158		
700.00	698.70	562.70	562.70	2.32	8.86	-29.14	2,130.03	-7,162.00	7,447.62	7,436.45	11.16	667.263		
800.00	797.47	661.47	661.47	2.73	10.58	-29.34	2,130.03	-7,162.00	7,433.93	7,420.66	13.26	560.609		
900.00	895.62	759.62	759.62	3.16	12.30	-29.58	2,130.03	-7,162.00	7,417.24	7,401.88	15.36	482.974		
1,000.00	993.06	857.06	857.06	3.63	14.00	-29.86	2,130.03	-7,162.00	7,397.58	7,380.13	17.45	423.874		
1,100.00	1,089.64	953.64	953.64	4.14	15.68	-30.19	2,130.03	-7,162.00	7,374.98	7,355.44	19.55	377.331		
1,200.00	1,185.27	1,049.27	1,049.27	4.70	17.35	-30.57	2,130.03	-7,162.00	7,349.48	7,327.84	21.64	339.690		
1,300.00	1,279.82	1,143.82	1,143.82	5.30	19.00	-31.01	2,130.03	-7,162.00	7,321.11	7,297.39	23.72	308.588		
1,400.00	1,373.17	1,237.17	1,237.17	5.96	20.63	-31.49	2,130.03	-7,162.00	7,289.93	7,264.12	25.81	282.430		
1,500.00	1,465.21	1,329.21	1,329.21	6.67	22.24	-32.03	2,130.03	-7,162.00	7,255.98	7,228.09	27.90	260.104		
1,600.00	1,555.84	1,419.84	1,419.84	7.44	23.82	-32.62	2,130.03	-7,162.00	7,219.32	7,189.34	29.98	240.806		
1,700.00	1,645.41	1,509.41	1,509.41	8.26	25.38	-32.91	2,130.03	-7,162.00	7,180.81	7,148.75	32.06	223.957		
1,800.00	1,734.94	1,601.06	1,598.94	9.09	26.98	-33.10	2,130.03	-7,162.00	7,142.30	7,108.11	34.19	208.894		
1,900.00	1,824.47	1,688.47	1,688.47	9.94	28.51	-33.29	2,130.03	-7,162.00	7,103.86	7,067.60	36.26	195.937		
2,000.00	1,913.99	1,777.99	1,777.99	10.80	30.07	-33.48	2,130.03	-7,162.00	7,065.49	7,027.12	38.37	184.152		
2,100.00	2,003.52	1,867.52	1,867.52	11.66	31.63	-33.68	2,130.03	-7,162.00	7,027.19	6,986.70	40.49	173.561		
2,200.00	2,093.05	1,957.05	1,957.05	12.53	33.20	-33.87	2,130.03	-7,162.00	6,988.97	6,946.35	42.62	163.996		
2,300.00	2,182.58	2,046.58	2,046.58	13.40	34.76	-34.07	2,130.03	-7,162.00	6,950.82	6,906.07	44.75	155.317		
2,400.00	2,272.11	2,136.11	2,136.11	14.28	36.32	-34.27	2,130.03	-7,162.00	6,912.75	6,865.86	46.89	147.411		
2,500.00	2,361.63	2,225.63	2,225.63	15.16	37.88	-34.47	2,130.03	-7,162.00	6,874.76	6,825.72	49.04	140.178		
2,600.00	2,451.16	2,315.16	2,315.16	16.04	39.45	-34.68	2,130.03	-7,162.00	6,836.85	6,785.65	51.20	133.540		
2,700.00	2,540.69	2,404.69	2,404.69	16.92	41.01	-34.88	2,130.03	-7,162.00	6,799.02	6,745.66	53.36	127.425		
2,800.00	2,630.22	2,505.78	2,494.22	17.81	42.77	-35.09	2,130.03	-7,162.00	6,761.26	6,705.54	55.72	121.335		
2,900.00	2,719.75	2,583.75	2,583.75	18.70	44.13	-35.30	2,130.03	-7,162.00	6,723.60	6,665.90	57.69	116.542		
3,000.00	2,809.28	2,673.28	2,673.28	19.58	45.70	-35.52	2,130.03	-7,162.00	6,686.01	6,626.15	59.87	111.679		
3,100.00	2,898.80	2,762.80	2,762.80	20.47	47.26	-35.73	2,130.03	-7,162.00	6,648.52	6,586.47	62.05	107.151		
3,200.00	2,988.33	2,852.33	2,852.33	21.36	48.82	-35.95	2,130.03	-7,162.00	6,611.11	6,546.87	64.23	102.923		
3,300.00	3,077.86	2,941.86	2,941.86	22.26	50.39	-36.17	2,130.03	-7,162.00	6,573.79	6,507.36	66.42	98.967		
3,400.00	3,167.39	3,031.39	3,031.39	23.15	51.95	-36.39	2,130.03	-7,162.00	6,536.56	6,467.94	68.62	95.259		
3,500.00	3,256.92	3,120.92	3,120.92	24.04	53.51	-36.62	2,130.03	-7,162.00	6,499.42	6,428.60	70.82	91.776		
3,600.00	3,346.44	3,210.44	3,210.44	24.93	55.07	-36.84	2,130.03	-7,162.00	6,462.37	6,389.35	73.02	88.497		
3,700.00	3,435.97	3,300.03	3,299.97	25.83	56.64	-37.07	2,130.03	-7,162.00	6,425.43	6,350.19	75.23	85.406		
3,800.00	3,525.50	3,389.50	3,389.50	26.72	58.20	-37.30	2,130.03	-7,162.00	6,388.57	6,311.13	77.45	82.490		
3,900.00	3,615.03	3,479.03	3,479.03	27.62	59.76	-37.54	2,130.03	-7,162.00	6,351.82	6,272.15	79.67	79.731		
4,000.00	3,704.56	3,568.56	3,568.56	28.51	61.32	-37.78	2,130.03	-7,162.00	6,315.17	6,233.28	81.89	77.118		
4,100.00	3,794.09	3,658.09	3,658.09	29.41	62.89	-38.02	2,130.03	-7,162.00	6,278.62	6,194.50	84.12	74.640		
4,200.00	3,883.61	3,747.61	3,747.61	30.30	64.45	-38.26	2,130.03	-7,162.00	6,242.17	6,155.82	86.35	72.287		
4,300.00	3,973.14	3,837.14	3,837.14	31.20	66.01	-38.50	2,130.03	-7,162.00	6,205.83	6,117.24	88.59	70.050		
4,400.00	4,062.67	3,926.67	3,926.67	32.10	67.57	-38.75	2,130.03	-7,162.00	6,169.60	6,078.76	90.84	67.921		
4,500.00	4,152.20	4,016.20	4,016.20	32.99	69.14	-39.00	2,130.03	-7,162.00	6,133.47	6,040.39	93.08	65.892		
4,600.00	4,241.73	4,105.73	4,105.73	33.89	70.70	-39.25	2,130.03	-7,162.00	6,097.46	6,002.12	95.34	63.956		
4,700.00	4,331.26	4,204.75	4,195.26	34.79	72.43	-39.51	2,130.03	-7,162.00	6,061.56	5,963.80	97.76	62.003		
4,800.00	4,420.78	4,284.78	4,284.78	35.69	73.82	-39.77	2,130.03	-7,162.00	6,025.78	5,925.92	99.86	60.341		
4,900.00	4,510.31	4,374.31	4,374.31	36.58	75.39	-40.03	2,130.03	-7,162.00	5,990.11	5,887.98	102.13	58.651		
5,000.00	4,599.84	4,463.84	4,463.84	37.48	76.95	-40.29	2,130.03	-7,162.00	5,954.57	5,850.16	104.41	57.033		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,100.00	4,689.37	4,553.37	4,553.37	38.38	78.51	-40.56	2,130.03	-7,162.00	5,919.14	5,812.45	106.69	55.482		
5,200.00	4,778.90	4,642.90	4,642.90	39.28	80.07	-40.83	2,130.03	-7,162.00	5,883.84	5,774.87	108.97	53.994		
5,300.00	4,868.42	4,732.42	4,732.42	40.18	81.64	-41.10	2,130.03	-7,162.00	5,848.67	5,737.40	111.26	52.566		
5,400.00	4,957.95	4,821.95	4,821.95	41.07	83.20	-41.38	2,130.03	-7,162.00	5,813.62	5,700.06	113.56	51.194		
5,500.00	5,047.48	4,911.48	4,911.48	41.97	84.76	-41.66	2,130.03	-7,162.00	5,778.71	5,662.84	115.86	49.875		
5,600.00	5,137.01	5,001.01	5,001.01	42.87	86.32	-41.94	2,130.03	-7,162.00	5,743.93	5,625.75	118.17	48.606		
5,700.00	5,226.54	5,109.46	5,090.54	43.77	88.22	-42.22	2,130.03	-7,162.00	5,709.28	5,588.46	120.82	47.256		
5,800.00	5,316.07	5,180.07	5,180.07	44.67	89.45	-42.51	2,130.03	-7,162.00	5,674.77	5,551.97	122.81	46.209		
5,900.00	5,405.59	5,269.59	5,269.59	45.57	91.01	-42.80	2,130.03	-7,162.00	5,640.41	5,515.27	125.13	45.075		
6,000.00	5,495.12	5,359.12	5,359.12	46.47	92.57	-43.10	2,130.03	-7,162.00	5,606.18	5,478.72	127.47	43.982		
6,100.00	5,584.65	5,448.65	5,448.65	47.37	94.14	-43.40	2,130.03	-7,162.00	5,572.11	5,442.30	129.80	42.927		
6,200.00	5,674.18	5,538.18	5,538.18	48.27	95.70	-43.70	2,130.03	-7,162.00	5,538.18	5,406.03	132.15	41.909		
6,300.00	5,763.71	5,627.71	5,627.71	49.16	97.26	-44.00	2,130.03	-7,162.00	5,504.40	5,369.90	134.50	40.925		
6,400.00	5,853.23	5,717.23	5,717.23	50.06	98.82	-44.31	2,130.03	-7,162.00	5,470.78	5,333.92	136.86	39.975		
6,500.00	5,942.76	5,806.76	5,806.76	50.96	100.39	-44.62	2,130.03	-7,162.00	5,437.31	5,298.09	139.22	39.056		
6,600.00	6,032.29	5,903.71	5,896.29	51.86	102.08	-44.94	2,130.03	-7,162.00	5,404.01	5,262.29	141.72	38.132		
6,700.00	6,121.82	5,985.82	5,985.82	52.76	103.51	-45.25	2,130.03	-7,162.00	5,370.87	5,226.90	143.97	37.306		
6,800.00	6,211.35	6,075.35	6,075.35	53.66	105.07	-45.58	2,130.03	-7,162.00	5,337.89	5,191.54	146.35	36.473		
6,900.00	6,300.88	6,164.88	6,164.88	54.56	106.64	-45.90	2,130.03	-7,162.00	5,305.08	5,156.34	148.74	35.667		
7,000.00	6,390.40	6,254.40	6,254.40	55.46	108.20	-46.23	2,130.03	-7,162.00	5,272.45	5,121.31	151.14	34.885		
7,100.00	6,479.90	6,343.90	6,343.90	56.36	109.76	-44.86	2,130.03	-7,162.00	5,239.88	5,086.34	153.54	34.127		
7,200.00	6,565.62	6,429.62	6,429.62	57.41	111.26	-34.09	2,130.03	-7,162.00	5,197.67	5,041.79	155.88	33.343		
7,300.00	6,643.25	6,507.25	6,507.25	58.67	112.61	-27.64	2,130.03	-7,162.00	5,140.54	4,982.48	158.06	32.523		
7,400.00	6,710.45	6,574.45	6,574.45	60.11	113.79	-23.63	2,130.03	-7,162.00	5,070.16	4,910.18	159.97	31.694		
7,500.00	6,765.16	6,629.16	6,629.16	61.71	114.74	-21.04	2,130.03	-7,162.00	4,988.61	4,827.06	161.55	30.879		
7,600.00	6,805.74	6,669.74	6,669.74	63.40	115.45	-19.29	2,130.03	-7,162.00	4,898.34	4,735.61	162.74	30.100		
7,700.00	6,830.93	6,705.07	6,694.93	65.14	116.07	-17.64	2,130.03	-7,162.00	4,802.04	4,638.39	163.65	29.343		
7,800.00	6,839.98	6,703.98	6,703.98	66.86	116.05	22.23	2,130.03	-7,162.00	4,702.61	4,538.87	163.74	28.721		
7,900.00	6,840.00	6,704.00	6,704.00	68.58	116.05	90.00	2,130.03	-7,162.00	4,602.61	4,438.88	163.73	28.110		
8,000.00	6,840.00	6,704.00	6,704.00	70.35	116.05	90.00	2,130.03	-7,162.00	4,502.62	4,338.88	163.73	27.500		
8,100.00	6,840.00	6,704.00	6,704.00	72.18	116.05	90.00	2,130.03	-7,162.00	4,402.62	4,238.89	163.73	26.890		
8,200.00	6,840.00	6,704.00	6,704.00	74.06	116.05	90.00	2,130.03	-7,162.00	4,302.62	4,138.90	163.72	26.280		
8,300.00	6,840.00	6,704.00	6,704.00	75.98	116.05	90.00	2,130.03	-7,162.00	4,202.62	4,038.90	163.72	25.670		
8,400.00	6,840.00	6,704.00	6,704.00	77.96	116.05	90.00	2,130.03	-7,162.00	4,102.63	3,938.91	163.71	25.060		
8,500.00	6,840.00	6,704.00	6,704.00	79.97	116.05	90.00	2,130.03	-7,162.00	4,002.63	3,838.92	163.71	24.450		
8,600.00	6,840.00	6,704.00	6,704.00	82.03	116.05	90.00	2,130.03	-7,162.00	3,902.63	3,738.93	163.70	23.840		
8,700.00	6,840.00	6,704.00	6,704.00	84.12	116.05	90.00	2,130.03	-7,162.00	3,802.63	3,638.94	163.69	23.230		
8,800.00	6,840.00	6,704.00	6,704.00	86.25	116.05	90.00	2,130.03	-7,162.00	3,702.64	3,538.95	163.69	22.620		
8,900.00	6,840.00	6,704.00	6,704.00	88.41	116.05	90.00	2,130.03	-7,162.00	3,602.64	3,438.96	163.68	22.011		
9,000.00	6,840.00	6,704.00	6,704.00	90.60	116.05	90.00	2,130.03	-7,162.00	3,502.64	3,338.98	163.67	21.401		
9,100.00	6,840.00	6,704.00	6,704.00	92.82	116.05	90.00	2,130.03	-7,162.00	3,402.65	3,238.99	163.66	20.791		
9,200.00	6,840.00	6,704.00	6,704.00	95.07	116.05	90.00	2,130.03	-7,162.00	3,302.65	3,139.01	163.65	20.182		
9,300.00	6,840.00	6,704.00	6,704.00	97.34	116.05	90.00	2,130.03	-7,162.00	3,202.66	3,039.02	163.63	19.572		
9,400.00	6,840.00	6,704.00	6,704.00	99.64	116.05	90.00	2,130.03	-7,162.00	3,102.66	2,939.04	163.62	18.963		
9,500.00	6,840.00	6,704.00	6,704.00	101.95	116.05	90.00	2,130.03	-7,162.00	3,002.67	2,839.07	163.60	18.354		
9,600.00	6,840.00	6,704.00	6,704.00	104.29	116.05	90.00	2,130.03	-7,162.00	2,902.67	2,739.09	163.58	17.745		
9,700.00	6,840.00	6,704.00	6,704.00	106.64	116.05	90.00	2,130.03	-7,162.00	2,802.68	2,639.12	163.56	17.136		
9,800.00	6,840.00	6,704.00	6,704.00	109.02	116.05	90.00	2,130.03	-7,162.00	2,702.68	2,539.15	163.54	16.527		
9,900.00	6,840.00	6,704.00	6,704.00	111.41	116.05	90.00	2,130.03	-7,162.00	2,602.69	2,439.18	163.51	15.918		
10,000.00	6,840.00	6,704.00	6,704.00	113.81	116.05	90.00	2,130.03	-7,162.00	2,502.70	2,339.22	163.48	15.309		
10,100.00	6,840.00	6,704.00	6,704.00	116.23	116.05	90.00	2,130.03	-7,162.00	2,402.70	2,239.26	163.44	14.700		
10,200.00	6,840.00	6,704.00	6,704.00	118.67	116.05	90.00	2,130.03	-7,162.00	2,302.71	2,139.31	163.40	14.092		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	116.05	90.00	2,130.03	-7,162.00	2,202.72	2,039.36	163.36	13.484		
10,400.00	6,840.00	6,704.00	6,704.00	123.57	116.05	90.00	2,130.03	-7,162.00	2,102.73	1,939.42	163.31	12.876		
10,500.00	6,840.00	6,704.00	6,704.00	126.04	116.05	90.00	2,130.03	-7,162.00	2,002.74	1,839.49	163.25	12.268		
10,600.00	6,840.00	6,704.00	6,704.00	128.52	116.05	90.00	2,130.03	-7,162.00	1,902.75	1,739.56	163.19	11.660		
10,700.00	6,840.00	6,704.00	6,704.00	131.01	116.05	90.00	2,130.03	-7,162.00	1,802.77	1,639.65	163.12	11.052		
10,800.00	6,840.00	6,704.00	6,704.00	133.51	116.05	90.00	2,130.03	-7,162.00	1,702.78	1,539.75	163.03	10.444		
10,900.00	6,840.00	6,704.00	6,704.00	136.02	116.05	90.00	2,130.03	-7,162.00	1,602.80	1,439.87	162.93	9.837		
11,000.00	6,840.00	6,704.00	6,704.00	138.53	116.05	90.00	2,130.03	-7,162.00	1,502.82	1,340.00	162.82	9.230		
11,100.00	6,840.00	6,704.00	6,704.00	141.06	116.05	90.00	2,130.03	-7,162.00	1,402.84	1,240.15	162.69	8.623		
11,200.00	6,840.00	6,704.00	6,704.00	143.59	116.05	90.00	2,130.03	-7,162.00	1,302.87	1,140.33	162.53	8.016		
11,300.00	6,840.00	6,704.00	6,704.00	146.13	116.05	90.00	2,130.03	-7,162.00	1,202.89	1,040.55	162.35	7.409		
11,400.00	6,840.00	6,704.00	6,704.00	148.68	116.05	90.00	2,130.03	-7,162.00	1,102.93	940.80	162.13	6.803		
11,500.00	6,840.00	6,704.00	6,704.00	151.23	116.05	90.00	2,130.03	-7,162.00	1,002.97	841.11	161.86	6.197		
11,600.00	6,840.00	6,704.00	6,704.00	153.79	116.05	90.00	2,130.03	-7,162.00	903.02	741.49	161.53	5.590		
11,700.00	6,840.00	6,704.00	6,704.00	156.35	116.05	90.00	2,130.03	-7,162.00	803.08	641.97	161.11	4.985		
11,800.00	6,840.00	6,704.00	6,704.00	158.92	116.05	90.00	2,130.03	-7,162.00	703.17	542.58	160.59	4.379		
11,900.00	6,840.00	6,704.00	6,704.00	161.49	116.05	90.00	2,130.03	-7,162.00	603.27	443.38	159.89	3.773		
12,000.00	6,840.00	6,704.00	6,704.00	164.07	116.05	90.00	2,130.03	-7,162.00	503.42	344.48	158.94	3.167		
12,100.00	6,840.00	6,704.00	6,704.00	166.66	116.05	90.00	2,130.03	-7,162.00	403.65	246.06	157.59	2.561		
12,200.00	6,840.00	6,704.00	6,704.00	169.25	116.05	90.00	2,130.03	-7,162.00	304.02	148.43	155.60	1.954		
12,300.00	6,840.00	6,704.00	6,704.00	171.84	116.05	90.00	2,130.03	-7,162.00	204.76	52.01	152.75	1.340	Level 3	
12,400.00	6,840.00	6,704.00	6,704.00	174.44	116.05	90.00	2,130.03	-7,162.00	106.89	-47.93	154.82	0.690	Level 1	
12,500.00	6,840.00	6,704.00	6,704.00	177.04	116.05	90.00	2,130.03	-7,162.00	30.37	-256.21	286.58	0.106	Level 1	
12,502.51	6,840.00	6,704.00	6,704.00	177.10	116.05	90.00	2,130.03	-7,162.00	30.27	-259.67	289.94	0.104	Level 1, CC, ES, SF	
12,600.00	6,840.00	6,704.00	6,704.00	179.64	116.05	90.00	2,130.03	-7,162.00	102.08	-104.63	206.71	0.494	Level 1	
12,700.00	6,840.00	6,704.00	6,704.00	182.25	116.05	90.00	2,130.03	-7,162.00	199.79	14.06	185.73	1.076	Level 2	
12,800.00	6,840.00	6,704.00	6,704.00	184.86	116.05	90.00	2,130.03	-7,162.00	299.02	120.26	178.76	1.673		
12,900.00	6,840.00	6,704.00	6,704.00	187.47	116.05	90.00	2,130.03	-7,162.00	398.64	223.27	175.37	2.273		
13,000.00	6,840.00	6,704.00	6,704.00	190.09	116.05	90.00	2,130.03	-7,162.00	498.41	325.01	173.39	2.874		
13,100.00	6,840.00	6,704.00	6,704.00	192.71	116.05	90.00	2,130.03	-7,162.00	598.25	426.15	172.11	3.476		
13,200.00	6,840.00	6,704.00	6,704.00	195.34	116.05	90.00	2,130.03	-7,162.00	698.14	526.93	171.21	4.078		
13,300.00	6,840.00	6,704.00	6,704.00	197.96	116.05	90.00	2,130.03	-7,162.00	798.06	627.50	170.56	4.679		
13,400.00	6,840.00	6,704.00	6,704.00	200.59	116.05	90.00	2,130.03	-7,162.00	898.00	727.94	170.06	5.280		
13,500.00	6,840.00	6,704.00	6,704.00	203.22	116.05	90.00	2,130.03	-7,162.00	997.95	828.27	169.67	5.882		
13,600.00	6,840.00	6,704.00	6,704.00	205.85	116.05	90.00	2,130.03	-7,162.00	1,097.90	928.54	169.37	6.482		
13,700.00	6,840.00	6,704.00	6,704.00	208.49	116.05	90.00	2,130.03	-7,162.00	1,197.87	1,028.75	169.12	7.083		
13,800.00	6,840.00	6,704.00	6,704.00	211.13	116.05	90.00	2,130.03	-7,162.00	1,297.84	1,128.92	168.92	7.683		
13,900.00	6,840.00	6,704.00	6,704.00	213.77	116.05	90.00	2,130.03	-7,162.00	1,397.81	1,229.06	168.75	8.283		
14,000.00	6,840.00	6,704.00	6,704.00	216.41	116.05	90.00	2,130.03	-7,162.00	1,497.79	1,329.18	168.61	8.883		
14,100.00	6,840.00	6,704.00	6,704.00	219.06	116.05	90.00	2,130.03	-7,162.00	1,597.77	1,429.27	168.50	9.482		
14,200.00	6,840.00	6,704.00	6,704.00	221.70	116.05	90.00	2,130.03	-7,162.00	1,697.76	1,529.35	168.40	10.081		
14,300.00	6,840.00	6,704.00	6,704.00	224.35	116.05	90.00	2,130.03	-7,162.00	1,797.74	1,629.42	168.33	10.680		
14,400.00	6,840.00	6,704.00	6,704.00	227.00	116.05	90.00	2,130.03	-7,162.00	1,897.73	1,729.47	168.26	11.279		
14,500.00	6,840.00	6,704.00	6,704.00	229.65	116.05	90.00	2,130.03	-7,162.00	1,997.72	1,829.51	168.21	11.877		
14,600.00	6,840.00	6,704.00	6,704.00	232.30	116.05	90.00	2,130.03	-7,162.00	2,097.70	1,929.54	168.16	12.474		
14,700.00	6,840.00	6,704.00	6,704.00	234.96	116.05	90.00	2,130.03	-7,162.00	2,197.69	2,029.57	168.12	13.072		
14,800.00	6,840.00	6,704.00	6,704.00	237.61	116.05	90.00	2,130.03	-7,162.00	2,297.69	2,129.59	168.10	13.669		
14,900.00	6,840.00	6,704.00	6,704.00	240.27	116.05	90.00	2,130.03	-7,162.00	2,397.68	2,229.60	168.07	14.266		
15,000.00	6,840.00	6,704.00	6,704.00	242.93	116.05	90.00	2,130.03	-7,162.00	2,497.67	2,329.61	168.06	14.862		
15,100.00	6,840.00	6,704.00	6,704.00	245.59	116.05	90.00	2,130.03	-7,162.00	2,597.66	2,429.62	168.05	15.458		
15,200.00	6,840.00	6,704.00	6,704.00	248.25	116.05	90.00	2,130.03	-7,162.00	2,697.66	2,529.62	168.04	16.054		
15,300.00	6,840.00	6,704.00	6,704.00	250.92	116.05	90.00	2,130.03	-7,162.00	2,797.65	2,629.61	168.04	16.649		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	116.05	90.00	2,130.03	-7,162.00	2,897.64	2,729.60	168.04	17.244		
15,500.00	6,840.00	6,704.00	6,704.00	256.25	116.05	90.00	2,130.03	-7,162.00	2,997.64	2,829.59	168.05	17.838		
15,600.00	6,840.00	6,704.00	6,704.00	258.91	116.05	90.00	2,130.03	-7,162.00	3,097.63	2,929.58	168.05	18.432		
15,700.00	6,840.00	6,704.00	6,704.00	261.58	116.05	90.00	2,130.03	-7,162.00	3,197.63	3,029.56	168.07	19.026		
15,800.00	6,840.00	6,704.00	6,704.00	264.25	116.05	90.00	2,130.03	-7,162.00	3,297.63	3,129.55	168.08	19.619		
15,900.00	6,840.00	6,704.00	6,704.00	266.92	116.05	90.00	2,130.03	-7,162.00	3,397.62	3,229.53	168.10	20.212		
16,000.00	6,840.00	6,704.00	6,704.00	269.59	116.05	90.00	2,130.03	-7,162.00	3,497.62	3,329.50	168.11	20.805		
16,100.00	6,840.00	6,704.00	6,704.00	272.26	116.05	90.00	2,130.03	-7,162.00	3,597.61	3,429.48	168.14	21.397		
16,200.00	6,840.00	6,704.00	6,704.00	274.94	116.05	90.00	2,130.03	-7,162.00	3,697.61	3,529.45	168.16	21.989		
16,300.00	6,840.00	6,704.00	6,704.00	277.61	116.05	90.00	2,130.03	-7,162.00	3,797.61	3,629.42	168.18	22.580		
16,400.00	6,840.00	6,704.00	6,704.00	280.28	116.05	90.00	2,130.03	-7,162.00	3,897.60	3,729.39	168.21	23.171		
16,500.00	6,840.00	6,704.00	6,704.00	282.96	116.05	90.00	2,130.03	-7,162.00	3,997.60	3,829.36	168.24	23.762		
16,600.00	6,840.00	6,704.00	6,704.00	285.64	116.05	90.00	2,130.03	-7,162.00	4,097.60	3,929.33	168.27	24.352		
16,700.00	6,840.00	6,704.00	6,704.00	288.31	116.05	90.00	2,130.03	-7,162.00	4,197.60	4,029.30	168.30	24.941		
16,800.00	6,840.00	6,704.00	6,704.00	290.99	116.05	90.00	2,130.03	-7,162.00	4,297.59	4,129.26	168.33	25.531		
16,900.00	6,840.00	6,704.00	6,704.00	293.67	116.05	90.00	2,130.03	-7,162.00	4,397.59	4,229.23	168.36	26.119		
17,000.00	6,840.00	6,704.00	6,704.00	296.35	116.05	90.00	2,130.03	-7,162.00	4,497.59	4,329.19	168.40	26.708		
17,100.00	6,840.00	6,704.00	6,704.00	299.03	116.05	90.00	2,130.03	-7,162.00	4,597.59	4,429.15	168.44	27.296		
17,200.00	6,840.00	6,704.00	6,704.00	301.71	116.05	90.00	2,130.03	-7,162.00	4,697.58	4,529.11	168.47	27.883		
17,300.00	6,840.00	6,704.00	6,704.00	304.39	116.05	90.00	2,130.03	-7,162.00	4,797.58	4,629.07	168.51	28.470		
17,400.00	6,840.00	6,704.00	6,704.00	307.08	116.05	90.00	2,130.03	-7,162.00	4,897.58	4,729.03	168.55	29.057		
17,500.00	6,840.00	6,704.00	6,704.00	309.76	116.05	90.00	2,130.03	-7,162.00	4,997.58	4,828.99	168.59	29.643		
17,600.00	6,840.00	6,704.00	6,704.00	312.44	116.05	90.00	2,130.03	-7,162.00	5,097.58	4,928.94	168.63	30.229		
17,700.00	6,840.00	6,704.00	6,704.00	315.13	116.05	90.00	2,130.03	-7,162.00	5,197.57	5,028.90	168.68	30.814		
17,800.00	6,840.00	6,704.00	6,704.00	317.81	116.05	90.00	2,130.03	-7,162.00	5,297.57	5,128.85	168.72	31.399		
17,900.00	6,840.00	6,704.00	6,704.00	320.50	116.05	90.00	2,130.03	-7,162.00	5,397.57	5,228.81	168.76	31.983		
18,000.00	6,840.00	6,704.00	6,704.00	323.19	116.05	90.00	2,130.03	-7,162.00	5,497.57	5,328.76	168.81	32.567		
18,100.00	6,840.00	6,704.00	6,704.00	325.87	116.05	90.00	2,130.03	-7,162.00	5,597.57	5,428.71	168.86	33.150		
18,200.00	6,840.00	6,704.00	6,704.00	328.56	116.05	90.00	2,130.03	-7,162.00	5,697.57	5,528.66	168.90	33.733		
18,300.00	6,840.00	6,704.00	6,704.00	331.25	116.05	90.00	2,130.03	-7,162.00	5,797.57	5,628.62	168.95	34.315		
18,400.00	6,840.00	6,704.00	6,704.00	333.94	116.05	90.00	2,130.03	-7,162.00	5,897.56	5,728.57	169.00	34.897		
18,500.00	6,840.00	6,704.00	6,704.00	336.63	116.05	90.00	2,130.03	-7,162.00	5,997.56	5,828.52	169.05	35.479		
18,600.00	6,840.00	6,704.00	6,704.00	339.32	116.05	90.00	2,130.03	-7,162.00	6,097.56	5,928.46	169.10	36.059		
18,700.00	6,840.00	6,704.00	6,704.00	342.01	116.05	90.00	2,130.03	-7,162.00	6,197.56	6,028.41	169.15	36.640		
18,800.00	6,840.00	6,704.00	6,704.00	344.70	116.05	90.00	2,130.03	-7,162.00	6,297.56	6,128.36	169.20	37.220		
18,900.00	6,840.00	6,704.00	6,704.00	347.39	116.05	90.00	2,130.03	-7,162.00	6,397.56	6,228.31	169.25	37.799		
19,000.00	6,840.00	6,704.00	6,704.00	350.08	116.05	90.00	2,130.03	-7,162.00	6,497.56	6,328.25	169.30	38.378		
19,100.00	6,840.00	6,704.00	6,704.00	352.77	116.05	90.00	2,130.03	-7,162.00	6,597.56	6,428.20	169.36	38.957		
19,200.00	6,840.00	6,704.00	6,704.00	355.46	116.05	90.00	2,130.03	-7,162.00	6,697.55	6,528.14	169.41	39.535		
19,300.00	6,840.00	6,704.00	6,704.00	358.16	116.05	90.00	2,130.03	-7,162.00	6,797.55	6,628.09	169.46	40.112		
19,400.00	6,840.00	6,704.00	6,704.00	360.85	116.05	90.00	2,130.03	-7,162.00	6,897.55	6,728.03	169.52	40.689		
19,500.00	6,840.00	6,704.00	6,704.00	363.54	116.05	90.00	2,130.03	-7,162.00	6,997.55	6,827.98	169.58	41.265		
19,600.00	6,840.00	6,704.00	6,704.00	366.24	116.05	90.00	2,130.03	-7,162.00	7,097.55	6,927.92	169.63	41.841		
19,700.00	6,840.00	6,704.00	6,704.00	368.93	116.05	90.00	2,130.03	-7,162.00	7,197.55	7,027.86	169.69	42.416		
19,800.00	6,840.00	6,704.00	6,704.00	371.63	116.05	90.00	2,130.03	-7,162.00	7,297.55	7,127.80	169.75	42.991		
19,900.00	6,840.00	6,704.00	6,704.00	374.32	116.05	90.00	2,130.03	-7,162.00	7,397.55	7,227.75	169.80	43.565		
20,000.00	6,840.00	6,704.00	6,704.00	377.02	116.05	90.00	2,130.03	-7,162.00	7,497.55	7,327.69	169.86	44.139		
20,100.00	6,840.00	6,704.00	6,704.00	379.71	116.05	90.00	2,130.03	-7,162.00	7,597.55	7,427.63	169.92	44.712		
20,200.00	6,840.00	6,704.00	6,704.00	382.41	116.05	90.00	2,130.03	-7,162.00	7,697.55	7,527.57	169.98	45.285		
20,300.00	6,840.00	6,704.00	6,704.00	385.11	116.05	90.00	2,130.03	-7,162.00	7,797.55	7,627.51	170.04	45.857		
20,400.00	6,840.00	6,704.00	6,704.00	387.80	116.05	90.00	2,130.03	-7,162.00	7,897.54	7,727.44	170.10	46.429		
20,500.00	6,840.00	6,704.00	6,704.00	390.50	116.05	90.00	2,130.03	-7,162.00	7,997.54	7,827.38	170.16	47.000		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,704.00	6,704.00	393.20	116.05	90.00	2,130.03	-7,162.00	8,097.54	7,927.32	170.22	47.570	
20,691.67	6,840.00	6,704.00	6,704.00	395.67	116.05	90.00	2,130.03	-7,162.00	8,189.21	8,018.93	170.28	48.093	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	-68.62	2,195.20	-5,608.06	6,023.50					
100.00	100.00	0.00	0.00	0.13	0.00	-68.62	2,195.20	-5,608.06	6,022.42	6,022.28	0.13	N/A		
139.22	139.22	24.22	24.22	0.28	0.19	-68.62	2,195.20	-5,608.06	6,022.40	6,021.93	0.46	N/A		
200.00	200.00	85.00	85.00	0.49	0.66	-68.62	2,195.20	-5,608.06	6,022.40	6,021.24	1.15	5,222.924		
300.00	300.00	185.00	185.00	0.85	2.26	-68.62	2,195.20	-5,608.06	6,022.40	6,019.29	3.11	1,935.484		
400.00	399.98	284.98	284.98	1.21	4.01	-24.01	2,195.20	-5,608.06	6,020.80	6,015.59	5.21	1,154.844		
500.00	499.84	384.84	384.84	1.57	5.75	-24.07	2,195.20	-5,608.06	6,016.02	6,008.71	7.32	822.263		
600.00	599.45	484.45	484.45	1.94	7.49	-24.17	2,195.20	-5,608.06	6,008.06	5,998.64	9.42	637.899		
700.00	698.70	583.70	583.70	2.32	9.22	-24.31	2,195.20	-5,608.06	5,996.94	5,985.42	11.52	520.643		
800.00	797.47	682.47	682.47	2.73	10.94	-24.49	2,195.20	-5,608.06	5,982.66	5,969.05	13.62	439.417		
900.00	895.62	780.62	780.62	3.16	12.66	-24.71	2,195.20	-5,608.06	5,965.26	5,949.55	15.71	379.762		
1,000.00	993.06	878.06	878.06	3.63	14.36	-24.98	2,195.20	-5,608.06	5,944.75	5,926.96	17.80	334.040		
1,100.00	1,089.64	974.64	974.64	4.14	16.04	-25.29	2,195.20	-5,608.06	5,921.18	5,901.30	19.88	297.839		
1,200.00	1,185.27	1,070.27	1,070.27	4.70	17.71	-25.65	2,195.20	-5,608.06	5,894.57	5,872.61	21.96	268.432		
1,300.00	1,279.82	1,164.82	1,164.82	5.30	19.36	-26.05	2,195.20	-5,608.06	5,864.97	5,840.94	24.03	244.041		
1,400.00	1,373.17	1,258.17	1,258.17	5.96	20.99	-26.51	2,195.20	-5,608.06	5,832.43	5,806.33	26.10	223.462		
1,500.00	1,465.21	1,350.21	1,350.21	6.67	22.60	-27.03	2,195.20	-5,608.06	5,796.99	5,768.83	28.16	205.845		
1,600.00	1,555.84	1,440.84	1,440.84	7.44	24.18	-27.59	2,195.20	-5,608.06	5,758.71	5,728.50	30.22	190.577		
1,700.00	1,645.41	1,530.41	1,530.41	8.26	25.74	-27.89	2,195.20	-5,608.06	5,718.50	5,686.23	32.27	177.215		
1,800.00	1,734.94	1,619.94	1,619.94	9.09	27.30	-28.09	2,195.20	-5,608.06	5,678.27	5,643.94	34.33	165.426		
1,900.00	1,824.47	1,709.47	1,709.47	9.94	28.87	-28.30	2,195.20	-5,608.06	5,638.11	5,601.71	36.39	154.926		
2,000.00	1,913.99	1,801.01	1,798.99	10.80	30.46	-28.51	2,195.20	-5,608.06	5,598.01	5,559.51	38.50	145.388		
2,100.00	2,003.52	1,888.52	1,888.52	11.66	31.99	-28.73	2,195.20	-5,608.06	5,557.98	5,517.43	40.55	137.052		
2,200.00	2,093.05	1,978.05	1,978.05	12.53	33.55	-28.95	2,195.20	-5,608.06	5,518.02	5,475.38	42.65	129.390		
2,300.00	2,182.58	2,067.58	2,067.58	13.40	35.12	-29.17	2,195.20	-5,608.06	5,478.13	5,433.39	44.75	122.427		
2,400.00	2,272.11	2,157.11	2,157.11	14.28	36.68	-29.39	2,195.20	-5,608.06	5,438.32	5,391.47	46.85	116.074		
2,500.00	2,361.63	2,246.63	2,246.63	15.16	38.24	-29.61	2,195.20	-5,608.06	5,398.58	5,349.61	48.96	110.254		
2,600.00	2,451.16	2,336.16	2,336.16	16.04	39.81	-29.84	2,195.20	-5,608.06	5,358.91	5,307.83	51.08	104.905		
2,700.00	2,540.69	2,425.69	2,425.69	16.92	41.37	-30.08	2,195.20	-5,608.06	5,319.32	5,266.11	53.21	99.973		
2,800.00	2,630.22	2,515.22	2,515.22	17.81	42.93	-30.31	2,195.20	-5,608.06	5,279.81	5,224.47	55.34	95.410		
2,900.00	2,719.75	2,604.75	2,604.75	18.70	44.49	-30.55	2,195.20	-5,608.06	5,240.38	5,182.91	57.47	91.179		
3,000.00	2,809.28	2,705.72	2,694.28	19.58	46.26	-30.80	2,195.20	-5,608.06	5,201.03	5,141.22	59.81	86.953		
3,100.00	2,898.80	2,783.80	2,783.80	20.47	47.62	-31.04	2,195.20	-5,608.06	5,161.77	5,100.01	61.76	83.576		
3,200.00	2,988.33	2,873.33	2,873.33	21.36	49.18	-31.29	2,195.20	-5,608.06	5,122.60	5,058.68	63.91	80.149		
3,300.00	3,077.86	2,962.86	2,962.86	22.26	50.74	-31.55	2,195.20	-5,608.06	5,083.51	5,017.44	66.07	76.941		
3,400.00	3,167.39	3,052.39	3,052.39	23.15	52.31	-31.80	2,195.20	-5,608.06	5,044.51	4,976.28	68.23	73.930		
3,500.00	3,256.92	3,141.92	3,141.92	24.04	53.87	-32.06	2,195.20	-5,608.06	5,005.61	4,935.21	70.40	71.101		
3,600.00	3,346.44	3,231.44	3,231.44	24.93	55.43	-32.33	2,195.20	-5,608.06	4,966.80	4,894.23	72.58	68.436		
3,700.00	3,435.97	3,320.97	3,320.97	25.83	56.99	-32.60	2,195.20	-5,608.06	4,928.09	4,853.34	74.75	65.923		
3,800.00	3,525.50	3,410.50	3,410.50	26.72	58.56	-32.87	2,195.20	-5,608.06	4,889.48	4,812.54	76.94	63.549		
3,900.00	3,615.03	3,500.03	3,500.03	27.62	60.12	-33.15	2,195.20	-5,608.06	4,850.97	4,771.84	79.13	61.303		
4,000.00	3,704.56	3,589.56	3,589.56	28.51	61.68	-33.43	2,195.20	-5,608.06	4,812.56	4,731.23	81.33	59.175		
4,100.00	3,794.09	3,679.09	3,679.09	29.41	63.24	-33.71	2,195.20	-5,608.06	4,774.26	4,690.73	83.53	57.156		
4,200.00	3,883.61	3,768.61	3,768.61	30.30	64.81	-34.00	2,195.20	-5,608.06	4,736.07	4,650.33	85.74	55.238		
4,300.00	3,973.14	3,858.14	3,858.14	31.20	66.37	-34.30	2,195.20	-5,608.06	4,698.00	4,610.04	87.95	53.415		
4,400.00	4,062.67	3,947.67	3,947.67	32.10	67.93	-34.60	2,195.20	-5,608.06	4,660.03	4,569.86	90.17	51.678		
4,500.00	4,152.20	4,037.20	4,037.20	32.99	69.49	-34.90	2,195.20	-5,608.06	4,622.19	4,529.78	92.40	50.023		
4,600.00	4,241.73	4,126.73	4,126.73	33.89	71.06	-35.21	2,195.20	-5,608.06	4,584.46	4,489.83	94.64	48.443		
4,700.00	4,331.26	4,216.26	4,216.26	34.79	72.62	-35.52	2,195.20	-5,608.06	4,546.86	4,449.98	96.88	46.935		
4,800.00	4,420.78	4,305.78	4,305.78	35.69	74.18	-35.84	2,195.20	-5,608.06	4,509.38	4,410.26	99.12	45.493		
4,900.00	4,510.31	4,404.69	4,395.31	36.58	75.91	-36.16	2,195.20	-5,608.06	4,472.04	4,370.50	101.54	44.042		
5,000.00	4,599.84	4,484.84	4,484.84	37.48	77.31	-36.49	2,195.20	-5,608.06	4,434.83	4,331.19	103.64	42.791		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	4,689.37	4,574.37	4,574.37	38.38	78.87	-36.82	2,195.20	-5,608.06	4,397.75	4,291.84	105.91	41.525		
5,200.00	4,778.90	4,663.90	4,663.90	39.28	80.43	-37.16	2,195.20	-5,608.06	4,360.82	4,252.63	108.18	40.310		
5,300.00	4,868.42	4,753.42	4,753.42	40.18	81.99	-37.50	2,195.20	-5,608.06	4,324.02	4,213.56	110.47	39.143		
5,400.00	4,957.95	4,842.95	4,842.95	41.07	83.56	-37.85	2,195.20	-5,608.06	4,287.38	4,174.62	112.76	38.023		
5,500.00	5,047.48	4,932.48	4,932.48	41.97	85.12	-38.20	2,195.20	-5,608.06	4,250.88	4,135.83	115.06	36.946		
5,600.00	5,137.01	5,022.01	5,022.01	42.87	86.68	-38.56	2,195.20	-5,608.06	4,214.54	4,097.18	117.36	35.910		
5,700.00	5,226.54	5,111.54	5,111.54	43.77	88.24	-38.93	2,195.20	-5,608.06	4,178.36	4,058.69	119.68	34.913		
5,800.00	5,316.07	5,201.07	5,201.07	44.67	89.81	-39.30	2,195.20	-5,608.06	4,142.35	4,020.35	122.00	33.953		
5,900.00	5,405.59	5,309.41	5,290.59	45.57	91.70	-39.68	2,195.20	-5,608.06	4,106.50	3,981.84	124.66	32.941		
6,000.00	5,495.12	5,380.12	5,380.12	46.47	92.93	-40.06	2,195.20	-5,608.06	4,070.82	3,944.15	126.67	32.136		
6,100.00	5,584.65	5,469.65	5,469.65	47.37	94.49	-40.45	2,195.20	-5,608.06	4,035.32	3,906.29	129.02	31.276		
6,200.00	5,674.18	5,559.18	5,559.18	48.27	96.06	-40.85	2,195.20	-5,608.06	4,000.00	3,868.62	131.38	30.446		
6,300.00	5,763.71	5,648.71	5,648.71	49.16	97.62	-41.25	2,195.20	-5,608.06	3,964.86	3,831.11	133.75	29.644		
6,400.00	5,853.23	5,738.23	5,738.23	50.06	99.18	-41.66	2,195.20	-5,608.06	3,929.92	3,793.79	136.12	28.870		
6,500.00	5,942.76	5,827.76	5,827.76	50.96	100.74	-42.08	2,195.20	-5,608.06	3,895.17	3,756.66	138.51	28.122		
6,600.00	6,032.29	5,917.29	5,917.29	51.86	102.31	-42.50	2,195.20	-5,608.06	3,860.62	3,719.72	140.91	27.398		
6,700.00	6,121.82	6,006.82	6,006.82	52.76	103.87	-42.93	2,195.20	-5,608.06	3,826.29	3,682.97	143.31	26.699		
6,800.00	6,211.35	6,103.65	6,096.35	53.66	105.56	-43.36	2,195.20	-5,608.06	3,792.16	3,646.30	145.86	25.999		
6,900.00	6,300.88	6,185.88	6,185.88	54.56	107.00	-43.81	2,195.20	-5,608.06	3,758.25	3,610.09	148.16	25.367		
7,000.00	6,390.40	6,275.40	6,275.40	55.46	108.56	-44.26	2,195.20	-5,608.06	3,724.56	3,573.97	150.59	24.733		
7,100.00	6,479.90	6,364.90	6,364.90	56.36	110.12	-43.00	2,195.20	-5,608.06	3,691.00	3,537.96	153.04	24.118		
7,200.00	6,565.62	6,450.62	6,450.62	57.41	111.62	-32.19	2,195.20	-5,608.06	3,647.91	3,492.49	155.42	23.471		
7,300.00	6,643.25	6,528.25	6,528.25	58.67	112.97	-25.62	2,195.20	-5,608.06	3,590.04	3,432.42	157.62	22.777		
7,400.00	6,710.45	6,604.55	6,595.45	60.11	114.30	-21.33	2,195.20	-5,608.06	3,519.06	3,359.36	159.70	22.035		
7,500.00	6,765.16	6,650.16	6,650.16	61.71	115.10	-18.19	2,195.20	-5,608.06	3,437.06	3,275.94	161.12	21.333		
7,600.00	6,805.74	6,709.27	6,690.74	63.40	116.13	-15.21	2,195.20	-5,608.06	3,346.47	3,183.87	162.60	20.581		
7,700.00	6,830.93	6,715.93	6,715.93	65.14	116.25	-9.63	2,195.20	-5,608.06	3,250.00	3,087.02	162.97	19.942		
7,800.00	6,839.98	6,724.98	6,724.98	66.86	116.40	74.00	2,195.20	-5,608.06	3,150.53	2,987.36	163.17	19.308		
7,900.00	6,840.00	6,725.00	6,725.00	68.58	116.40	90.00	2,195.20	-5,608.06	3,050.59	2,887.50	163.09	18.705		
8,000.00	6,840.00	6,725.00	6,725.00	70.35	116.40	90.00	2,195.20	-5,608.06	2,950.65	2,787.65	163.00	18.102		
8,100.00	6,840.00	6,725.00	6,725.00	72.18	116.40	90.00	2,195.20	-5,608.06	2,850.71	2,687.80	162.91	17.499		
8,200.00	6,840.00	6,725.00	6,725.00	74.06	116.40	90.00	2,195.20	-5,608.06	2,750.77	2,587.97	162.80	16.896		
8,300.00	6,840.00	6,725.00	6,725.00	75.98	116.40	90.00	2,195.20	-5,608.06	2,650.85	2,488.15	162.69	16.294		
8,400.00	6,840.00	6,725.00	6,725.00	77.96	116.40	90.00	2,195.20	-5,608.06	2,550.92	2,388.35	162.57	15.691		
8,500.00	6,840.00	6,725.00	6,725.00	79.97	116.40	90.00	2,195.20	-5,608.06	2,451.01	2,288.56	162.45	15.088		
8,600.00	6,840.00	6,725.00	6,725.00	82.03	116.40	90.00	2,195.20	-5,608.06	2,351.10	2,188.79	162.31	14.486		
8,700.00	6,840.00	6,725.00	6,725.00	84.12	116.40	90.00	2,195.20	-5,608.06	2,251.20	2,089.04	162.15	13.883		
8,800.00	6,840.00	6,725.00	6,725.00	86.25	116.40	90.00	2,195.20	-5,608.06	2,151.31	1,989.32	161.99	13.281		
8,900.00	6,840.00	6,725.00	6,725.00	88.41	116.40	90.00	2,195.20	-5,608.06	2,051.42	1,889.62	161.80	12.679		
9,000.00	6,840.00	6,725.00	6,725.00	90.60	116.40	90.00	2,195.20	-5,608.06	1,951.55	1,789.96	161.60	12.077		
9,100.00	6,840.00	6,725.00	6,725.00	92.82	116.40	90.00	2,195.20	-5,608.06	1,851.70	1,690.32	161.37	11.475		
9,200.00	6,840.00	6,725.00	6,725.00	95.07	116.40	90.00	2,195.20	-5,608.06	1,751.86	1,590.74	161.12	10.873		
9,300.00	6,840.00	6,725.00	6,725.00	97.34	116.40	90.00	2,195.20	-5,608.06	1,652.04	1,491.20	160.84	10.271		
9,400.00	6,840.00	6,725.00	6,725.00	99.64	116.40	90.00	2,195.20	-5,608.06	1,552.24	1,391.71	160.53	9.669		
9,500.00	6,840.00	6,725.00	6,725.00	101.95	116.40	90.00	2,195.20	-5,608.06	1,452.48	1,292.30	160.18	9.068		
9,600.00	6,840.00	6,725.00	6,725.00	104.29	116.40	90.00	2,195.20	-5,608.06	1,352.74	1,192.97	159.77	8.467		
9,700.00	6,840.00	6,725.00	6,725.00	106.64	116.40	90.00	2,195.20	-5,608.06	1,253.05	1,093.75	159.31	7.866		
9,800.00	6,840.00	6,725.00	6,725.00	109.02	116.40	90.00	2,195.20	-5,608.06	1,153.41	994.65	158.77	7.265		
9,900.00	6,840.00	6,725.00	6,725.00	111.41	116.40	90.00	2,195.20	-5,608.06	1,053.85	895.70	158.14	6.664		
10,000.00	6,840.00	6,725.00	6,725.00	113.81	116.40	90.00	2,195.20	-5,608.06	954.37	796.96	157.41	6.063		
10,100.00	6,840.00	6,725.00	6,725.00	116.23	116.40	90.00	2,195.20	-5,608.06	855.01	698.47	156.54	5.462		
10,200.00	6,840.00	6,725.00	6,725.00	118.67	116.40	90.00	2,195.20	-5,608.06	755.82	600.32	155.50	4.861		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	121.11	116.40	90.00	2,195.20	-5,608.06	656.88	502.62	154.26	4.258		
10,400.00	6,840.00	6,725.00	6,725.00	123.57	116.40	90.00	2,195.20	-5,608.06	558.31	405.48	152.84	3.653		
10,500.00	6,840.00	6,725.00	6,725.00	126.04	116.40	90.00	2,195.20	-5,608.06	460.37	309.00	151.37	3.041		
10,600.00	6,840.00	6,725.00	6,725.00	128.52	116.40	90.00	2,195.20	-5,608.06	363.55	212.94	150.61	2.414		
10,700.00	6,840.00	6,725.00	6,725.00	131.01	116.40	90.00	2,195.20	-5,608.06	269.06	115.41	153.64	1.751		
10,800.00	6,840.00	6,725.00	6,725.00	133.51	116.40	90.00	2,195.20	-5,608.06	180.60	9.78	170.82	1.057	Level 2	
10,900.00	6,840.00	6,725.00	6,725.00	136.02	116.40	90.00	2,195.20	-5,608.06	113.32	-108.75	222.07	0.510	Level 1	
10,948.87	6,840.00	6,725.00	6,725.00	137.25	116.40	90.00	2,195.20	-5,608.06	102.24	-147.09	249.33	0.410	Level 1, CC, ES, SF	
11,000.00	6,840.00	6,725.00	6,725.00	138.53	116.40	90.00	2,195.20	-5,608.06	114.31	-137.88	252.19	0.453	Level 1	
11,100.00	6,840.00	6,725.00	6,725.00	141.06	116.40	90.00	2,195.20	-5,608.06	182.46	-42.09	224.55	0.813	Level 1	
11,200.00	6,840.00	6,725.00	6,725.00	143.59	116.40	90.00	2,195.20	-5,608.06	271.14	65.24	205.90	1.317	Level 3	
11,300.00	6,840.00	6,725.00	6,725.00	146.13	116.40	90.00	2,195.20	-5,608.06	365.71	170.07	195.64	1.869		
11,400.00	6,840.00	6,725.00	6,725.00	148.68	116.40	90.00	2,195.20	-5,608.06	462.57	273.11	189.45	2.442		
11,500.00	6,840.00	6,725.00	6,725.00	151.23	116.40	90.00	2,195.20	-5,608.06	560.53	375.13	185.40	3.023		
11,600.00	6,840.00	6,725.00	6,725.00	153.79	116.40	90.00	2,195.20	-5,608.06	659.10	476.55	182.56	3.610		
11,700.00	6,840.00	6,725.00	6,725.00	156.35	116.40	90.00	2,195.20	-5,608.06	758.05	577.58	180.47	4.200		
11,800.00	6,840.00	6,725.00	6,725.00	158.92	116.40	90.00	2,195.20	-5,608.06	857.24	678.36	178.88	4.792		
11,900.00	6,840.00	6,725.00	6,725.00	161.49	116.40	90.00	2,195.20	-5,608.06	956.60	778.97	177.63	5.385		
12,000.00	6,840.00	6,725.00	6,725.00	164.07	116.40	90.00	2,195.20	-5,608.06	1,056.09	879.46	176.63	5.979		
12,100.00	6,840.00	6,725.00	6,725.00	166.66	116.40	90.00	2,195.20	-5,608.06	1,155.66	979.85	175.81	6.573		
12,200.00	6,840.00	6,725.00	6,725.00	169.25	116.40	90.00	2,195.20	-5,608.06	1,255.30	1,080.17	175.13	7.168		
12,300.00	6,840.00	6,725.00	6,725.00	171.84	116.40	90.00	2,195.20	-5,608.06	1,354.99	1,180.44	174.55	7.763		
12,400.00	6,840.00	6,725.00	6,725.00	174.44	116.40	90.00	2,195.20	-5,608.06	1,454.72	1,280.66	174.06	8.357		
12,500.00	6,840.00	6,725.00	6,725.00	177.04	116.40	90.00	2,195.20	-5,608.06	1,554.49	1,380.85	173.64	8.952		
12,600.00	6,840.00	6,725.00	6,725.00	179.64	116.40	90.00	2,195.20	-5,608.06	1,654.29	1,481.01	173.28	9.547		
12,700.00	6,840.00	6,725.00	6,725.00	182.25	116.40	90.00	2,195.20	-5,608.06	1,754.11	1,581.15	172.96	10.142		
12,800.00	6,840.00	6,725.00	6,725.00	184.86	116.40	90.00	2,195.20	-5,608.06	1,853.95	1,681.26	172.68	10.736		
12,900.00	6,840.00	6,725.00	6,725.00	187.47	116.40	90.00	2,195.20	-5,608.06	1,953.80	1,781.37	172.44	11.331		
13,000.00	6,840.00	6,725.00	6,725.00	190.09	116.40	90.00	2,195.20	-5,608.06	2,053.67	1,881.45	172.22	11.925		
13,100.00	6,840.00	6,725.00	6,725.00	192.71	116.40	90.00	2,195.20	-5,608.06	2,153.55	1,981.53	172.03	12.519		
13,200.00	6,840.00	6,725.00	6,725.00	195.34	116.40	90.00	2,195.20	-5,608.06	2,253.45	2,081.59	171.85	13.113		
13,300.00	6,840.00	6,725.00	6,725.00	197.96	116.40	90.00	2,195.20	-5,608.06	2,353.35	2,181.65	171.70	13.706		
13,400.00	6,840.00	6,725.00	6,725.00	200.59	116.40	90.00	2,195.20	-5,608.06	2,453.26	2,281.69	171.56	14.299		
13,500.00	6,840.00	6,725.00	6,725.00	203.22	116.40	90.00	2,195.20	-5,608.06	2,553.17	2,381.73	171.44	14.892		
13,600.00	6,840.00	6,725.00	6,725.00	205.85	116.40	90.00	2,195.20	-5,608.06	2,653.10	2,481.77	171.33	15.485		
13,700.00	6,840.00	6,725.00	6,725.00	208.49	116.40	90.00	2,195.20	-5,608.06	2,753.02	2,581.79	171.23	16.078		
13,800.00	6,840.00	6,725.00	6,725.00	211.13	116.40	90.00	2,195.20	-5,608.06	2,852.96	2,681.82	171.14	16.670		
13,900.00	6,840.00	6,725.00	6,725.00	213.77	116.40	90.00	2,195.20	-5,608.06	2,952.90	2,781.83	171.06	17.262		
14,000.00	6,840.00	6,725.00	6,725.00	216.41	116.40	90.00	2,195.20	-5,608.06	3,052.84	2,881.85	170.99	17.854		
14,100.00	6,840.00	6,725.00	6,725.00	219.06	116.40	90.00	2,195.20	-5,608.06	3,152.78	2,981.86	170.93	18.445		
14,200.00	6,840.00	6,725.00	6,725.00	221.70	116.40	90.00	2,195.20	-5,608.06	3,252.73	3,081.86	170.87	19.036		
14,300.00	6,840.00	6,725.00	6,725.00	224.35	116.40	90.00	2,195.20	-5,608.06	3,352.69	3,181.86	170.82	19.627		
14,400.00	6,840.00	6,725.00	6,725.00	227.00	116.40	90.00	2,195.20	-5,608.06	3,452.64	3,281.86	170.78	20.217		
14,500.00	6,840.00	6,725.00	6,725.00	229.65	116.40	90.00	2,195.20	-5,608.06	3,552.60	3,381.86	170.74	20.807		
14,600.00	6,840.00	6,725.00	6,725.00	232.30	116.40	90.00	2,195.20	-5,608.06	3,652.56	3,481.85	170.70	21.397		
14,700.00	6,840.00	6,725.00	6,725.00	234.96	116.40	90.00	2,195.20	-5,608.06	3,752.52	3,581.85	170.67	21.987		
14,800.00	6,840.00	6,725.00	6,725.00	237.61	116.40	90.00	2,195.20	-5,608.06	3,852.48	3,681.84	170.65	22.576		
14,900.00	6,840.00	6,725.00	6,725.00	240.27	116.40	90.00	2,195.20	-5,608.06	3,952.45	3,781.82	170.63	23.164		
15,000.00	6,840.00	6,725.00	6,725.00	242.93	116.40	90.00	2,195.20	-5,608.06	4,052.42	3,881.81	170.61	23.753		
15,100.00	6,840.00	6,725.00	6,725.00	245.59	116.40	90.00	2,195.20	-5,608.06	4,152.38	3,981.79	170.59	24.341		
15,200.00	6,840.00	6,725.00	6,725.00	248.25	116.40	90.00	2,195.20	-5,608.06	4,252.36	4,081.77	170.58	24.928		
15,300.00	6,840.00	6,725.00	6,725.00	250.92	116.40	90.00	2,195.20	-5,608.06	4,352.33	4,181.75	170.57	25.516		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	253.58	116.40	90.00	2,195.20	-5,608.06	4,452.30	4,281.73	170.57	26.103		
15,500.00	6,840.00	6,725.00	6,725.00	256.25	116.40	90.00	2,195.20	-5,608.06	4,552.27	4,381.71	170.57	26.689		
15,600.00	6,840.00	6,725.00	6,725.00	258.91	116.40	90.00	2,195.20	-5,608.06	4,652.25	4,481.68	170.57	27.275		
15,700.00	6,840.00	6,725.00	6,725.00	261.58	116.40	90.00	2,195.20	-5,608.06	4,752.23	4,581.66	170.57	27.861		
15,800.00	6,840.00	6,725.00	6,725.00	264.25	116.40	90.00	2,195.20	-5,608.06	4,852.20	4,681.63	170.57	28.447		
15,900.00	6,840.00	6,725.00	6,725.00	266.92	116.40	90.00	2,195.20	-5,608.06	4,952.18	4,781.60	170.58	29.032		
16,000.00	6,840.00	6,725.00	6,725.00	269.59	116.40	90.00	2,195.20	-5,608.06	5,052.16	4,881.57	170.59	29.616		
16,100.00	6,840.00	6,725.00	6,725.00	272.26	116.40	90.00	2,195.20	-5,608.06	5,152.14	4,981.54	170.60	30.201		
16,200.00	6,840.00	6,725.00	6,725.00	274.94	116.40	90.00	2,195.20	-5,608.06	5,252.12	5,081.51	170.61	30.784		
16,300.00	6,840.00	6,725.00	6,725.00	277.61	116.40	90.00	2,195.20	-5,608.06	5,352.10	5,181.48	170.62	31.368		
16,400.00	6,840.00	6,725.00	6,725.00	280.28	116.40	90.00	2,195.20	-5,608.06	5,452.08	5,281.44	170.64	31.951		
16,500.00	6,840.00	6,725.00	6,725.00	282.96	116.40	90.00	2,195.20	-5,608.06	5,552.07	5,381.41	170.66	32.533		
16,600.00	6,840.00	6,725.00	6,725.00	285.64	116.40	90.00	2,195.20	-5,608.06	5,652.05	5,481.37	170.68	33.116		
16,700.00	6,840.00	6,725.00	6,725.00	288.31	116.40	90.00	2,195.20	-5,608.06	5,752.03	5,581.34	170.70	33.697		
16,800.00	6,840.00	6,725.00	6,725.00	290.99	116.40	90.00	2,195.20	-5,608.06	5,852.02	5,681.30	170.72	34.279		
16,900.00	6,840.00	6,725.00	6,725.00	293.67	116.40	90.00	2,195.20	-5,608.06	5,952.00	5,781.26	170.74	34.860		
17,000.00	6,840.00	6,725.00	6,725.00	296.35	116.40	90.00	2,195.20	-5,608.06	6,051.99	5,881.22	170.77	35.440		
17,100.00	6,840.00	6,725.00	6,725.00	299.03	116.40	90.00	2,195.20	-5,608.06	6,151.98	5,981.18	170.79	36.020		
17,200.00	6,840.00	6,725.00	6,725.00	301.71	116.40	90.00	2,195.20	-5,608.06	6,251.96	6,081.14	170.82	36.600		
17,300.00	6,840.00	6,725.00	6,725.00	304.39	116.40	90.00	2,195.20	-5,608.06	6,351.95	6,181.10	170.85	37.179		
17,400.00	6,840.00	6,725.00	6,725.00	307.08	116.40	90.00	2,195.20	-5,608.06	6,451.94	6,281.06	170.88	37.757		
17,500.00	6,840.00	6,725.00	6,725.00	309.76	116.40	90.00	2,195.20	-5,608.06	6,551.92	6,381.01	170.91	38.336		
17,600.00	6,840.00	6,725.00	6,725.00	312.44	116.40	90.00	2,195.20	-5,608.06	6,651.91	6,480.97	170.94	38.913		
17,700.00	6,840.00	6,725.00	6,725.00	315.13	116.40	90.00	2,195.20	-5,608.06	6,751.90	6,580.93	170.97	39.491		
17,800.00	6,840.00	6,725.00	6,725.00	317.81	116.40	90.00	2,195.20	-5,608.06	6,851.89	6,680.88	171.01	40.068		
17,900.00	6,840.00	6,725.00	6,725.00	320.50	116.40	90.00	2,195.20	-5,608.06	6,951.88	6,780.83	171.04	40.644		
18,000.00	6,840.00	6,725.00	6,725.00	323.19	116.40	90.00	2,195.20	-5,608.06	7,051.87	6,880.79	171.08	41.220		
18,100.00	6,840.00	6,725.00	6,725.00	325.87	116.40	90.00	2,195.20	-5,608.06	7,151.86	6,980.74	171.12	41.795		
18,200.00	6,840.00	6,725.00	6,725.00	328.56	116.40	90.00	2,195.20	-5,608.06	7,251.85	7,080.69	171.15	42.370		
18,300.00	6,840.00	6,725.00	6,725.00	331.25	116.40	90.00	2,195.20	-5,608.06	7,351.84	7,180.64	171.19	42.945		
18,400.00	6,840.00	6,725.00	6,725.00	333.94	116.40	90.00	2,195.20	-5,608.06	7,451.83	7,280.60	171.23	43.519		
18,500.00	6,840.00	6,725.00	6,725.00	336.63	116.40	90.00	2,195.20	-5,608.06	7,551.82	7,380.55	171.27	44.093		
18,600.00	6,840.00	6,725.00	6,725.00	339.32	116.40	90.00	2,195.20	-5,608.06	7,651.81	7,480.50	171.31	44.666		
18,700.00	6,840.00	6,725.00	6,725.00	342.01	116.40	90.00	2,195.20	-5,608.06	7,751.80	7,580.44	171.36	45.238		
18,800.00	6,840.00	6,725.00	6,725.00	344.70	116.40	90.00	2,195.20	-5,608.06	7,851.79	7,680.39	171.40	45.810		
18,900.00	6,840.00	6,725.00	6,725.00	347.39	116.40	90.00	2,195.20	-5,608.06	7,951.78	7,780.34	171.44	46.382		
19,000.00	6,840.00	6,725.00	6,725.00	350.08	116.40	90.00	2,195.20	-5,608.06	8,051.78	7,880.29	171.49	46.953		
19,100.00	6,840.00	6,725.00	6,725.00	352.77	116.40	90.00	2,195.20	-5,608.06	8,151.77	7,980.24	171.53	47.524		
19,200.00	6,840.00	6,725.00	6,725.00	355.46	116.40	90.00	2,195.20	-5,608.06	8,251.76	8,080.18	171.58	48.094		
19,300.00	6,840.00	6,725.00	6,725.00	358.16	116.40	90.00	2,195.20	-5,608.06	8,351.75	8,180.13	171.62	48.663		
19,400.00	6,840.00	6,725.00	6,725.00	360.85	116.40	90.00	2,195.20	-5,608.06	8,451.74	8,280.07	171.67	49.232		
19,500.00	6,840.00	6,725.00	6,725.00	363.54	116.40	90.00	2,195.20	-5,608.06	8,551.74	8,380.02	171.72	49.801		
19,600.00	6,840.00	6,725.00	6,725.00	366.24	116.40	90.00	2,195.20	-5,608.06	8,651.73	8,479.96	171.77	50.369		
19,700.00	6,840.00	6,725.00	6,725.00	368.93	116.40	90.00	2,195.20	-5,608.06	8,751.72	8,579.91	171.82	50.936		
19,800.00	6,840.00	6,725.00	6,725.00	371.63	116.40	90.00	2,195.20	-5,608.06	8,851.72	8,679.85	171.87	51.503		
19,900.00	6,840.00	6,725.00	6,725.00	374.32	116.40	90.00	2,195.20	-5,608.06	8,951.71	8,779.79	171.92	52.070		
20,000.00	6,840.00	6,725.00	6,725.00	377.02	116.40	90.00	2,195.20	-5,608.06	9,051.70	8,879.73	171.97	52.636		
20,100.00	6,840.00	6,725.00	6,725.00	379.71	116.40	90.00	2,195.20	-5,608.06	9,151.70	8,979.68	172.02	53.201		
20,200.00	6,840.00	6,725.00	6,725.00	382.41	116.40	90.00	2,195.20	-5,608.06	9,251.69	9,079.62	172.07	53.766		
20,300.00	6,840.00	6,725.00	6,725.00	385.11	116.40	90.00	2,195.20	-5,608.06	9,351.68	9,179.56	172.13	54.331		
20,400.00	6,840.00	6,725.00	6,725.00	387.80	116.40	90.00	2,195.20	-5,608.06	9,451.68	9,279.50	172.18	54.894		
20,500.00	6,840.00	6,725.00	6,725.00	390.50	116.40	90.00	2,195.20	-5,608.06	9,551.67	9,379.44	172.23	55.458		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,600.00	6,840.00	6,725.00	6,725.00	393.20	116.40	90.00	2,195.20	-5,608.06	9,651.67	9,479.38	172.29	56.020	
20,691.67	6,840.00	6,725.00	6,725.00	395.67	116.40	90.00	2,195.20	-5,608.06	9,743.33	9,570.99	172.34	56.536	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,500.00	6,840.00	6,769.00	6,769.00	126.04	117.18	-90.00	873.41	-15,004.09	9,919.46	9,742.65	176.81	56.103		
10,600.00	6,840.00	6,769.00	6,769.00	128.52	117.18	-90.00	873.41	-15,004.09	9,820.28	9,643.06	177.22	55.414		
10,700.00	6,840.00	6,769.00	6,769.00	131.01	117.18	-90.00	873.41	-15,004.09	9,721.11	9,543.48	177.63	54.725		
10,800.00	6,840.00	6,769.00	6,769.00	133.51	117.18	-90.00	873.41	-15,004.09	9,621.97	9,443.91	178.06	54.037		
10,900.00	6,840.00	6,769.00	6,769.00	136.02	117.18	-90.00	873.41	-15,004.09	9,522.84	9,344.34	178.50	53.350		
11,000.00	6,840.00	6,769.00	6,769.00	138.53	117.18	-90.00	873.41	-15,004.09	9,423.73	9,244.78	178.95	52.662		
11,100.00	6,840.00	6,769.00	6,769.00	141.06	117.18	-90.00	873.41	-15,004.09	9,324.64	9,145.23	179.40	51.976		
11,200.00	6,840.00	6,769.00	6,769.00	143.59	117.18	-90.00	873.41	-15,004.09	9,225.56	9,045.69	179.87	51.289		
11,300.00	6,840.00	6,769.00	6,769.00	146.13	117.18	-90.00	873.41	-15,004.09	9,126.51	8,946.16	180.35	50.603		
11,400.00	6,840.00	6,769.00	6,769.00	148.68	117.18	-90.00	873.41	-15,004.09	9,027.48	8,846.63	180.85	49.918		
11,500.00	6,840.00	6,769.00	6,769.00	151.23	117.18	-90.00	873.41	-15,004.09	8,928.47	8,747.12	181.35	49.233		
11,600.00	6,840.00	6,769.00	6,769.00	153.79	117.18	-90.00	873.41	-15,004.09	8,829.48	8,647.62	181.87	48.549		
11,700.00	6,840.00	6,769.00	6,769.00	156.35	117.18	-90.00	873.41	-15,004.09	8,730.52	8,548.12	182.40	47.865		
11,800.00	6,840.00	6,769.00	6,769.00	158.92	117.18	-90.00	873.41	-15,004.09	8,631.58	8,448.64	182.94	47.182		
11,900.00	6,840.00	6,769.00	6,769.00	161.49	117.18	-90.00	873.41	-15,004.09	8,532.67	8,349.17	183.50	46.500		
12,000.00	6,840.00	6,769.00	6,769.00	164.07	117.18	-90.00	873.41	-15,004.09	8,433.78	8,249.70	184.07	45.818		
12,100.00	6,840.00	6,769.00	6,769.00	166.66	117.18	-90.00	873.41	-15,004.09	8,334.91	8,150.25	184.66	45.137		
12,200.00	6,840.00	6,769.00	6,769.00	169.25	117.18	-90.00	873.41	-15,004.09	8,236.08	8,050.82	185.26	44.456		
12,300.00	6,840.00	6,769.00	6,769.00	171.84	117.18	-90.00	873.41	-15,004.09	8,137.27	7,951.39	185.88	43.777		
12,400.00	6,840.00	6,769.00	6,769.00	174.44	117.18	-90.00	873.41	-15,004.09	8,038.49	7,851.98	186.52	43.098		
12,500.00	6,840.00	6,769.00	6,769.00	177.04	117.18	-90.00	873.41	-15,004.09	7,939.74	7,752.58	187.17	42.420		
12,600.00	6,840.00	6,769.00	6,769.00	179.64	117.18	-90.00	873.41	-15,004.09	7,841.03	7,653.19	187.84	41.744		
12,700.00	6,840.00	6,769.00	6,769.00	182.25	117.18	-90.00	873.41	-15,004.09	7,742.35	7,553.82	188.53	41.068		
12,800.00	6,840.00	6,769.00	6,769.00	184.86	117.18	-90.00	873.41	-15,004.09	7,643.70	7,454.46	189.24	40.393		
12,900.00	6,840.00	6,769.00	6,769.00	187.47	117.18	-90.00	873.41	-15,004.09	7,545.09	7,355.12	189.96	39.719		
13,000.00	6,840.00	6,769.00	6,769.00	190.09	117.18	-90.00	873.41	-15,004.09	7,446.51	7,255.80	190.71	39.046		
13,100.00	6,840.00	6,769.00	6,769.00	192.71	117.18	-90.00	873.41	-15,004.09	7,347.97	7,156.49	191.48	38.374		
13,200.00	6,840.00	6,769.00	6,769.00	195.34	117.18	-90.00	873.41	-15,004.09	7,249.48	7,057.20	192.28	37.703		
13,300.00	6,840.00	6,769.00	6,769.00	197.96	117.18	-90.00	873.41	-15,004.09	7,151.02	6,957.93	193.09	37.034		
13,400.00	6,840.00	6,769.00	6,769.00	200.59	117.18	-90.00	873.41	-15,004.09	7,052.61	6,858.68	193.93	36.366		
13,500.00	6,840.00	6,769.00	6,769.00	203.22	117.18	-90.00	873.41	-15,004.09	6,954.24	6,759.44	194.80	35.699		
13,600.00	6,840.00	6,769.00	6,769.00	205.85	117.18	-90.00	873.41	-15,004.09	6,855.92	6,660.23	195.69	35.034		
13,700.00	6,840.00	6,769.00	6,769.00	208.49	117.18	-90.00	873.41	-15,004.09	6,757.65	6,561.04	196.61	34.370		
13,800.00	6,840.00	6,769.00	6,769.00	211.13	117.18	-90.00	873.41	-15,004.09	6,659.44	6,461.87	197.56	33.708		
13,900.00	6,840.00	6,769.00	6,769.00	213.77	117.18	-90.00	873.41	-15,004.09	6,561.27	6,362.73	198.54	33.047		
14,000.00	6,840.00	6,769.00	6,769.00	216.41	117.18	-90.00	873.41	-15,004.09	6,463.16	6,263.61	199.55	32.388		
14,100.00	6,840.00	6,769.00	6,769.00	219.06	117.18	-90.00	873.41	-15,004.09	6,365.11	6,164.52	200.60	31.731		
14,200.00	6,840.00	6,769.00	6,769.00	221.70	117.18	-90.00	873.41	-15,004.09	6,267.13	6,065.45	201.68	31.075		
14,300.00	6,840.00	6,769.00	6,769.00	224.35	117.18	-90.00	873.41	-15,004.09	6,169.20	5,966.41	202.79	30.422		
14,400.00	6,840.00	6,769.00	6,769.00	227.00	117.18	-90.00	873.41	-15,004.09	6,071.35	5,867.40	203.94	29.770		
14,500.00	6,840.00	6,769.00	6,769.00	229.65	117.18	-90.00	873.41	-15,004.09	5,973.56	5,768.43	205.13	29.120		
14,600.00	6,840.00	6,769.00	6,769.00	232.30	117.18	-90.00	873.41	-15,004.09	5,875.85	5,669.49	206.37	28.473		
14,700.00	6,840.00	6,769.00	6,769.00	234.96	117.18	-90.00	873.41	-15,004.09	5,778.22	5,570.58	207.64	27.828		
14,800.00	6,840.00	6,769.00	6,769.00	237.61	117.18	-90.00	873.41	-15,004.09	5,680.67	5,471.71	208.96	27.185		
14,900.00	6,840.00	6,769.00	6,769.00	240.27	117.18	-90.00	873.41	-15,004.09	5,583.21	5,372.87	210.33	26.544		
15,000.00	6,840.00	6,769.00	6,769.00	242.93	117.18	-90.00	873.41	-15,004.09	5,485.84	5,274.08	211.75	25.907		
15,100.00	6,840.00	6,769.00	6,769.00	245.59	117.18	-90.00	873.41	-15,004.09	5,388.56	5,175.34	213.23	25.271		
15,200.00	6,840.00	6,769.00	6,769.00	248.25	117.18	-90.00	873.41	-15,004.09	5,291.39	5,076.63	214.76	24.639		
15,300.00	6,840.00	6,769.00	6,769.00	250.92	117.18	-90.00	873.41	-15,004.09	5,194.32	4,977.98	216.34	24.010		
15,400.00	6,840.00	6,769.00	6,769.00	253.58	117.18	-90.00	873.41	-15,004.09	5,097.37	4,879.38	217.99	23.383		
15,500.00	6,840.00	6,769.00	6,769.00	256.25	117.18	-90.00	873.41	-15,004.09	5,000.54	4,780.83	219.71	22.760		
15,600.00	6,840.00	6,769.00	6,769.00	258.91	117.18	-90.00	873.41	-15,004.09	4,903.83	4,682.34	221.49	22.140		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,700.00	6,840.00	6,769.00	6,769.00	261.58	117.18	-90.00	873.41	-15,004.09	4,807.26	4,583.91	223.35	21.524		
15,800.00	6,840.00	6,769.00	6,769.00	264.25	117.18	-90.00	873.41	-15,004.09	4,710.84	4,485.55	225.28	20.911		
15,900.00	6,840.00	6,769.00	6,769.00	266.92	117.18	-90.00	873.41	-15,004.09	4,614.56	4,387.26	227.30	20.302		
16,000.00	6,840.00	6,769.00	6,769.00	269.59	117.18	-90.00	873.41	-15,004.09	4,518.45	4,289.05	229.40	19.697		
16,100.00	6,840.00	6,769.00	6,769.00	272.26	117.18	-90.00	873.41	-15,004.09	4,422.51	4,190.91	231.59	19.096		
16,200.00	6,840.00	6,769.00	6,769.00	274.94	117.18	-90.00	873.41	-15,004.09	4,326.75	4,092.86	233.89	18.499		
16,300.00	6,840.00	6,769.00	6,769.00	277.61	117.18	-90.00	873.41	-15,004.09	4,231.19	3,994.91	236.28	17.908		
16,400.00	6,840.00	6,769.00	6,769.00	280.28	117.18	-90.00	873.41	-15,004.09	4,135.84	3,897.05	238.78	17.320		
16,500.00	6,840.00	6,769.00	6,769.00	282.96	117.18	-90.00	873.41	-15,004.09	4,040.71	3,799.31	241.40	16.738		
16,600.00	6,840.00	6,769.00	6,769.00	285.64	117.18	-90.00	873.41	-15,004.09	3,945.82	3,701.68	244.15	16.162		
16,700.00	6,840.00	6,769.00	6,769.00	288.31	117.18	-90.00	873.41	-15,004.09	3,851.20	3,604.17	247.03	15.590		
16,800.00	6,840.00	6,769.00	6,769.00	290.99	117.18	-90.00	873.41	-15,004.09	3,756.85	3,506.80	250.05	15.025		
16,900.00	6,840.00	6,769.00	6,769.00	293.67	117.18	-90.00	873.41	-15,004.09	3,662.80	3,409.59	253.22	14.465		
17,000.00	6,840.00	6,769.00	6,769.00	296.35	117.18	-90.00	873.41	-15,004.09	3,569.08	3,312.53	256.55	13.912		
17,100.00	6,840.00	6,769.00	6,769.00	299.03	117.18	-90.00	873.41	-15,004.09	3,475.70	3,215.65	260.05	13.366		
17,200.00	6,840.00	6,769.00	6,769.00	301.71	117.18	-90.00	873.41	-15,004.09	3,382.71	3,118.97	263.74	12.826		
17,300.00	6,840.00	6,769.00	6,769.00	304.39	117.18	-90.00	873.41	-15,004.09	3,290.12	3,022.50	267.62	12.294		
17,400.00	6,840.00	6,769.00	6,769.00	307.08	117.18	-90.00	873.41	-15,004.09	3,197.98	2,926.26	271.72	11.769		
17,500.00	6,840.00	6,769.00	6,769.00	309.76	117.18	-90.00	873.41	-15,004.09	3,106.33	2,830.29	276.04	11.253		
17,600.00	6,840.00	6,769.00	6,769.00	312.44	117.18	-90.00	873.41	-15,004.09	3,015.21	2,734.60	280.61	10.745		
17,700.00	6,840.00	6,769.00	6,769.00	315.13	117.18	-90.00	873.41	-15,004.09	2,924.67	2,639.23	285.43	10.246		
17,800.00	6,840.00	6,769.00	6,769.00	317.81	117.18	-90.00	873.41	-15,004.09	2,834.76	2,544.22	290.54	9.757		
17,900.00	6,840.00	6,769.00	6,769.00	320.50	117.18	-90.00	873.41	-15,004.09	2,745.55	2,449.61	295.94	9.277		
18,000.00	6,840.00	6,769.00	6,769.00	323.19	117.18	-90.00	873.41	-15,004.09	2,657.11	2,355.45	301.67	8.808		
18,100.00	6,840.00	6,769.00	6,769.00	325.87	117.18	-90.00	873.41	-15,004.09	2,569.52	2,261.79	307.73	8.350		
18,200.00	6,840.00	6,769.00	6,769.00	328.56	117.18	-90.00	873.41	-15,004.09	2,482.87	2,168.71	314.16	7.903		
18,300.00	6,840.00	6,769.00	6,769.00	331.25	117.18	-90.00	873.41	-15,004.09	2,397.26	2,076.27	320.98	7.468		
18,400.00	6,840.00	6,769.00	6,769.00	333.94	117.18	-90.00	873.41	-15,004.09	2,312.80	1,984.58	328.22	7.047		
18,500.00	6,840.00	6,769.00	6,769.00	336.63	117.18	-90.00	873.41	-15,004.09	2,229.63	1,893.74	335.88	6.638		
18,600.00	6,840.00	6,769.00	6,769.00	339.32	117.18	-90.00	873.41	-15,004.09	2,147.89	1,803.88	344.01	6.244		
18,700.00	6,840.00	6,769.00	6,769.00	342.01	117.18	-90.00	873.41	-15,004.09	2,067.76	1,715.15	352.61	5.864		
18,800.00	6,840.00	6,769.00	6,769.00	344.70	117.18	-90.00	873.41	-15,004.09	1,989.43	1,627.73	361.70	5.500		
18,900.00	6,840.00	6,769.00	6,769.00	347.39	117.18	-90.00	873.41	-15,004.09	1,913.12	1,541.84	371.28	5.153		
19,000.00	6,840.00	6,769.00	6,769.00	350.08	117.18	-90.00	873.41	-15,004.09	1,839.08	1,457.73	381.34	4.823		
19,100.00	6,840.00	6,769.00	6,769.00	352.77	117.18	-90.00	873.41	-15,004.09	1,767.60	1,375.72	391.87	4.511		
19,200.00	6,840.00	6,769.00	6,769.00	355.46	117.18	-90.00	873.41	-15,004.09	1,699.00	1,296.17	402.83	4.218		
19,300.00	6,840.00	6,769.00	6,769.00	358.16	117.18	-90.00	873.41	-15,004.09	1,633.64	1,219.51	414.13	3.945		
19,400.00	6,840.00	6,769.00	6,769.00	360.85	117.18	-90.00	873.41	-15,004.09	1,571.94	1,146.26	425.68	3.693		
19,500.00	6,840.00	6,769.00	6,769.00	363.54	117.18	-90.00	873.41	-15,004.09	1,514.32	1,076.99	437.33	3.463		
19,600.00	6,840.00	6,769.00	6,769.00	366.24	117.18	-90.00	873.41	-15,004.09	1,461.29	1,012.41	448.88	3.255		
19,700.00	6,840.00	6,769.00	6,769.00	368.93	117.18	-90.00	873.41	-15,004.09	1,413.35	953.27	460.09	3.072		
19,800.00	6,840.00	6,769.00	6,769.00	371.63	117.18	-90.00	873.41	-15,004.09	1,371.04	900.40	470.65	2.913		
19,900.00	6,840.00	6,769.00	6,769.00	374.32	117.18	-90.00	873.41	-15,004.09	1,334.90	854.68	480.22	2.780		
20,000.00	6,840.00	6,769.00	6,769.00	377.02	117.18	-90.00	873.41	-15,004.09	1,305.43	816.98	488.45	2.673		
20,100.00	6,840.00	6,769.00	6,769.00	379.71	117.18	-90.00	873.41	-15,004.09	1,283.10	788.13	494.97	2.592		
20,200.00	6,840.00	6,769.00	6,769.00	382.41	117.18	-90.00	873.41	-15,004.09	1,268.28	768.80	499.48	2.539		
20,300.00	6,840.00	6,769.00	6,769.00	385.11	117.18	-90.00	873.41	-15,004.09	1,261.24	759.51	501.73	2.514		
20,339.03	6,840.00	6,769.00	6,769.00	386.16	117.18	-90.00	873.41	-15,004.09	1,260.64	758.67	501.97	2.511	CC, ES, SF	
20,400.00	6,840.00	6,769.00	6,769.00	387.80	117.18	-90.00	873.41	-15,004.09	1,262.11	760.49	501.62	2.516		
20,500.00	6,840.00	6,769.00	6,769.00	390.50	117.18	-90.00	873.41	-15,004.09	1,270.88	771.73	499.15	2.546		
20,600.00	6,840.00	6,769.00	6,769.00	393.20	117.18	-90.00	873.41	-15,004.09	1,287.37	792.91	494.46	2.604		
20,691.67	6,840.00	6,769.00	6,769.00	395.67	117.18	-90.00	873.41	-15,004.09	1,309.03	820.60	488.43	2.680		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	5,674.18	5,577.18	5,574.92	48.27	1.66	-47.90	1,781.56	-11,628.12	9,985.42	9,945.71	39.71	251.457		
6,300.00	5,763.71	5,683.31	5,681.05	49.16	1.67	-48.12	1,780.88	-11,627.85	9,953.57	9,913.09	40.48	245.878		
6,400.00	5,853.23	5,762.53	5,760.26	50.06	1.67	-48.28	1,780.13	-11,627.57	9,921.73	9,880.46	41.27	240.423		
6,500.00	5,942.76	5,837.39	5,835.13	50.96	1.67	-48.44	1,779.78	-11,627.42	9,890.13	9,848.08	42.06	235.158		
6,600.00	6,032.29	5,912.57	5,910.30	51.86	1.67	-48.59	1,779.67	-11,627.37	9,858.76	9,815.91	42.85	230.082		
6,700.00	6,121.82	5,979.41	5,977.14	52.76	1.68	-48.73	1,779.64	-11,627.45	9,827.66	9,784.01	43.65	225.171		
6,800.00	6,211.35	6,044.29	6,042.02	53.66	1.69	-48.86	1,779.61	-11,627.68	9,796.88	9,752.42	44.45	220.382		
6,900.00	6,300.88	6,110.80	6,108.53	54.56	1.70	-49.00	1,779.53	-11,628.10	9,766.43	9,721.16	45.27	215.738		
7,000.00	6,390.40	6,193.59	6,191.31	55.46	1.72	-49.17	1,779.26	-11,628.73	9,736.22	9,690.14	46.09	211.264		
7,100.00	6,479.90	6,287.72	6,285.44	56.36	1.74	-47.69	1,778.62	-11,629.46	9,706.02	9,659.12	46.90	206.944		
7,200.00	6,565.62	6,372.00	6,369.72	57.26	1.76	-37.43	1,776.31	-11,629.37	9,665.57	9,617.87	47.70	202.638		
7,300.00	6,643.25	6,448.52	6,446.24	58.16	1.77	-31.71	1,773.13	-11,624.78	9,608.09	9,559.68	48.41	198.485		
7,400.00	6,710.45	6,515.72	6,513.44	59.06	1.77	-28.35	1,772.65	-11,622.92	9,537.06	9,487.91	49.15	194.033		
7,500.00	6,765.16	6,560.43	6,558.15	60.00	1.77	-26.95	1,772.42	-11,621.62	9,455.02	9,405.22	49.80	189.854		
7,600.00	6,805.74	6,592.84	6,590.56	61.00	1.77	-27.95	1,772.16	-11,620.05	9,364.37	9,314.06	50.31	186.147		
7,700.00	6,830.93	6,618.03	6,615.75	62.00	1.77	-34.79	1,771.95	-11,619.02	9,267.83	9,217.17	50.66	182.953		
7,800.00	6,839.98	6,627.08	6,624.80	63.00	1.77	-117.92	1,771.88	-11,618.74	9,168.38	9,117.54	50.84	180.333		
7,900.00	6,840.00	6,636.13	6,633.85	64.00	1.77	-127.99	1,771.91	-11,618.88	9,068.50	9,017.57	50.93	178.043		
8,000.00	6,840.00	6,645.18	6,642.90	65.00	1.77	-127.51	1,771.95	-11,619.02	8,968.62	8,917.59	51.03	175.753		
8,100.00	6,840.00	6,654.23	6,651.95	66.00	1.77	-127.04	1,771.98	-11,619.16	8,868.74	8,817.61	51.13	173.463		
8,200.00	6,840.00	6,663.28	6,661.00	67.00	1.77	-126.56	1,772.00	-11,619.29	8,768.86	8,717.63	51.23	171.174		
8,300.00	6,840.00	6,672.33	6,670.05	68.00	1.77	-126.08	1,772.03	-11,619.43	8,668.98	8,617.65	51.33	168.884		
8,400.00	6,840.00	6,681.38	6,679.10	69.00	1.77	-125.60	1,772.06	-11,619.56	8,569.11	8,517.67	51.44	166.594		
8,500.00	6,840.00	6,690.43	6,688.15	70.00	1.77	-125.13	1,772.09	-11,619.68	8,469.23	8,417.68	51.55	164.304		
8,600.00	6,840.00	6,699.48	6,697.20	71.00	1.77	-124.65	1,772.11	-11,619.81	8,369.36	8,317.70	51.66	162.014		
8,700.00	6,840.00	6,708.53	6,706.25	72.00	1.77	-124.17	1,772.14	-11,619.93	8,269.48	8,217.71	51.77	159.725		
8,800.00	6,840.00	6,717.58	6,715.30	73.00	1.77	-123.69	1,772.16	-11,620.05	8,169.61	8,117.72	51.89	157.436		
8,900.00	6,840.00	6,726.63	6,724.35	74.00	1.77	-123.22	1,772.18	-11,620.17	8,069.75	8,017.73	52.01	155.148		
9,000.00	6,840.00	6,735.68	6,733.40	75.00	1.77	-122.74	1,772.20	-11,620.29	7,969.88	7,917.74	52.14	152.861		
9,100.00	6,840.00	6,744.73	6,742.45	76.00	1.77	-122.26	1,772.22	-11,620.40	7,870.01	7,817.75	52.27	150.574		
9,200.00	6,840.00	6,753.78	6,751.50	77.00	1.77	-121.79	1,772.25	-11,620.52	7,770.15	7,717.75	52.40	148.288		
9,300.00	6,840.00	6,762.83	6,760.55	78.00	1.77	-121.31	1,772.26	-11,620.63	7,670.29	7,617.76	52.53	146.004		
9,400.00	6,840.00	6,771.88	6,769.60	79.00	1.77	-120.84	1,772.28	-11,620.73	7,570.43	7,517.76	52.67	143.720		
9,500.00	6,840.00	6,780.93	6,778.65	80.00	1.77	-120.36	1,772.30	-11,620.84	7,470.58	7,417.76	52.82	141.438		
9,600.00	6,840.00	6,790.00	6,787.72	81.00	1.77	-119.89	1,772.32	-11,620.95	7,370.72	7,317.75	52.97	139.157		
9,700.00	6,840.00	6,799.05	6,796.77	82.00	1.77	-119.42	1,772.34	-11,621.05	7,270.87	7,217.75	53.12	136.878		
9,800.00	6,840.00	6,808.10	6,805.82	83.00	1.77	-118.94	1,772.35	-11,621.15	7,171.02	7,117.75	53.28	134.601		
9,900.00	6,840.00	6,817.15	6,814.87	84.00	1.77	-118.47	1,772.37	-11,621.25	7,071.18	7,017.74	53.44	132.325		
10,000.00	6,840.00	6,826.20	6,823.92	85.00	1.77	-118.00	1,772.38	-11,621.35	6,971.33	6,917.73	53.60	130.052		
10,100.00	6,840.00	6,835.25	6,832.97	86.00	1.77	-117.53	1,772.40	-11,621.45	6,871.49	6,817.72	53.78	127.780		
10,200.00	6,840.00	6,844.30	6,842.02	87.00	1.77	-117.06	1,772.41	-11,621.53	6,771.66	6,717.71	53.95	125.512		
10,300.00	6,840.00	6,853.35	6,851.07	88.00	1.77	-116.59	1,772.42	-11,621.60	6,671.83	6,617.69	54.13	123.249		
10,400.00	6,840.00	6,862.40	6,860.12	89.00	1.77	-116.12	1,772.44	-11,621.66	6,572.00	6,517.68	54.32	120.987		
10,500.00	6,840.00	6,871.45	6,869.17	90.00	1.77	-115.65	1,772.44	-11,621.73	6,472.17	6,417.66	54.51	118.729		
10,600.00	6,840.00	6,880.50	6,878.22	91.00	1.77	-115.18	1,772.45	-11,621.80	6,372.35	6,317.64	54.71	116.473		
10,700.00	6,840.00	6,889.55	6,887.27	92.00	1.77	-114.71	1,772.46	-11,621.87	6,272.54	6,217.62	54.92	114.220		
10,800.00	6,840.00	6,898.60	6,896.32	93.00	1.77	-114.24	1,772.47	-11,621.93	6,172.73	6,117.60	55.13	111.970		
10,900.00	6,840.00	6,907.65	6,905.37	94.00	1.77	-113.77	1,772.48	-11,622.00	6,072.92	6,017.58	55.35	109.723		
11,000.00	6,840.00	6,916.70	6,914.42	95.00	1.77	-113.30	1,772.49	-11,622.07	5,973.13	5,917.55	55.57	107.479		
11,100.00	6,840.00	6,925.75	6,923.47	96.00	1.77	-112.83	1,772.50	-11,622.14	5,873.33	5,817.52	55.81	105.239		
11,200.00	6,840.00	6,934.80	6,932.52	97.00	1.77	-112.36	1,772.52	-11,622.21	5,773.54	5,717.49	56.05	103.002		
11,300.00	6,840.00	6,943.85	6,941.57	98.00	1.77	-111.89	1,772.53	-11,622.27	5,673.76	5,617.46	56.30	100.770		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
11,400.00	6,840.00	6,868.53	6,866.13	148.68	1.77	-112.99	1,772.54	-11,622.34	5,573.99	5,517.42	56.57	98.541		
11,500.00	6,840.00	6,865.96	6,863.56	151.23	1.77	-112.63	1,772.55	-11,622.41	5,474.22	5,417.38	56.84	96.316		
11,600.00	6,840.00	6,863.38	6,860.98	153.79	1.77	-112.27	1,772.57	-11,622.48	5,374.46	5,317.34	57.12	94.095		
11,700.00	6,840.00	6,860.80	6,858.40	156.35	1.77	-111.90	1,772.58	-11,622.55	5,274.71	5,217.30	57.41	91.879		
11,800.00	6,840.00	6,858.21	6,855.81	158.92	1.77	-111.54	1,772.59	-11,622.62	5,174.96	5,117.25	57.71	89.668		
11,900.00	6,840.00	6,855.62	6,853.22	161.49	1.77	-111.17	1,772.61	-11,622.69	5,075.23	5,017.20	58.03	87.462		
12,000.00	6,840.00	6,853.02	6,850.63	164.07	1.77	-110.79	1,772.62	-11,622.76	4,975.50	4,917.14	58.36	85.260		
12,100.00	6,840.00	6,850.42	6,848.03	166.66	1.77	-110.42	1,772.63	-11,622.83	4,875.78	4,817.08	58.70	83.064		
12,200.00	6,840.00	6,847.82	6,845.42	169.25	1.77	-110.04	1,772.65	-11,622.90	4,776.08	4,717.02	59.06	80.874		
12,300.00	6,840.00	6,845.21	6,842.81	171.84	1.77	-109.66	1,772.66	-11,622.97	4,676.38	4,616.95	59.43	78.690		
12,400.00	6,840.00	6,842.59	6,840.20	174.44	1.77	-109.27	1,772.68	-11,623.04	4,576.70	4,516.88	59.82	76.512		
12,500.00	6,840.00	6,839.97	6,837.58	177.04	1.77	-108.89	1,772.69	-11,623.11	4,477.03	4,416.80	60.22	74.340		
12,600.00	6,840.00	6,837.35	6,834.96	179.64	1.77	-108.50	1,772.71	-11,623.18	4,377.37	4,316.72	60.65	72.175		
12,700.00	6,840.00	6,834.72	6,832.33	182.25	1.77	-108.11	1,772.72	-11,623.25	4,277.72	4,216.63	61.10	70.017		
12,800.00	6,840.00	6,832.08	6,829.70	184.86	1.77	-107.72	1,772.74	-11,623.32	4,178.10	4,116.53	61.56	67.866		
12,900.00	6,840.00	6,829.45	6,827.06	187.47	1.77	-107.32	1,772.76	-11,623.39	4,078.48	4,016.43	62.05	65.724		
13,000.00	6,840.00	6,826.80	6,824.42	190.09	1.77	-106.92	1,772.77	-11,623.47	3,978.89	3,916.32	62.57	63.589		
13,100.00	6,840.00	6,824.15	6,821.77	192.71	1.77	-106.52	1,772.79	-11,623.54	3,879.31	3,816.20	63.12	61.463		
13,200.00	6,840.00	6,821.50	6,819.12	195.34	1.77	-106.12	1,772.81	-11,623.61	3,779.76	3,716.07	63.69	59.347		
13,300.00	6,840.00	6,818.84	6,816.46	197.96	1.77	-105.71	1,772.82	-11,623.68	3,680.23	3,615.93	64.30	57.240		
13,400.00	6,840.00	6,816.19	6,813.81	200.59	1.77	-105.31	1,772.84	-11,623.75	3,580.71	3,515.79	64.93	55.151		
13,500.00	6,840.00	6,813.54	6,811.16	203.22	1.77	-104.91	1,772.85	-11,623.82	3,481.23	3,415.63	65.61	53.063		
13,600.00	6,840.00	6,810.89	6,808.51	205.85	1.77	-104.51	1,772.87	-11,623.89	3,381.78	3,315.45	66.33	50.987		
13,700.00	6,840.00	6,808.24	6,805.86	208.49	1.77	-104.11	1,772.89	-11,623.96	3,282.36	3,215.26	67.09	48.922		
13,800.00	6,840.00	6,805.59	6,803.21	211.13	1.77	-103.71	1,772.91	-11,624.03	3,182.97	3,115.06	67.91	46.871		
13,900.00	6,840.00	6,802.94	6,800.56	213.77	1.77	-103.31	1,772.93	-11,624.10	3,083.62	3,014.84	68.78	44.833		
14,000.00	6,840.00	6,800.29	6,797.91	216.41	1.77	-102.91	1,772.95	-11,624.17	2,984.31	2,914.60	69.71	42.810		
14,100.00	6,840.00	6,797.64	6,795.26	219.06	1.77	-102.51	1,772.97	-11,624.24	2,885.04	2,814.33	70.71	40.803		
14,200.00	6,840.00	6,794.99	6,792.61	221.70	1.77	-102.11	1,773.00	-11,624.31	2,785.82	2,714.05	71.78	38.812		
14,300.00	6,840.00	6,792.34	6,789.96	224.35	1.77	-101.71	1,773.02	-11,624.38	2,686.66	2,613.73	72.93	36.839		
14,400.00	6,840.00	6,789.69	6,787.31	227.00	1.77	-101.31	1,773.05	-11,624.45	2,587.56	2,513.39	74.17	34.885		
14,500.00	6,840.00	6,787.04	6,784.66	229.65	1.77	-100.91	1,773.08	-11,624.52	2,488.53	2,413.01	75.52	32.952		
14,600.00	6,840.00	6,784.39	6,782.01	232.30	1.77	-100.51	1,773.11	-11,624.59	2,389.58	2,312.59	76.98	31.040		
14,700.00	6,840.00	6,781.74	6,779.36	234.96	1.77	-100.11	1,773.13	-11,624.66	2,290.71	2,212.13	78.58	29.153		
14,800.00	6,840.00	6,779.09	6,776.71	237.61	1.77	-99.71	1,773.16	-11,624.73	2,191.94	2,111.62	80.32	27.291		
14,900.00	6,840.00	6,776.44	6,774.06	240.27	1.77	-99.31	1,773.20	-11,624.80	2,093.28	2,011.05	82.23	25.457		
15,000.00	6,840.00	6,773.79	6,771.41	242.93	1.77	-98.91	1,773.23	-11,624.87	1,994.76	1,910.42	84.34	23.653		
15,100.00	6,840.00	6,771.14	6,768.76	245.59	1.77	-98.51	1,773.26	-11,624.94	1,896.38	1,809.72	86.67	21.881		
15,200.00	6,840.00	6,768.49	6,766.11	248.25	1.77	-98.11	1,773.29	-11,625.01	1,798.18	1,708.92	89.26	20.145		
15,300.00	6,840.00	6,765.84	6,763.46	250.92	1.77	-97.71	1,773.33	-11,625.08	1,700.19	1,608.03	92.16	18.448		
15,400.00	6,840.00	6,763.19	6,760.81	253.58	1.77	-97.31	1,773.36	-11,625.15	1,602.44	1,507.02	95.42	16.794		
15,500.00	6,840.00	6,760.54	6,758.16	256.25	1.77	-96.91	1,773.40	-11,625.22	1,504.97	1,405.87	99.11	15.185		
15,600.00	6,840.00	6,757.89	6,755.51	258.91	1.77	-96.51	1,773.43	-11,625.29	1,407.86	1,304.56	103.31	13.628		
15,700.00	6,840.00	6,755.24	6,752.86	261.58	1.77	-96.11	1,773.47	-11,625.36	1,311.18	1,203.05	108.13	12.126		
15,800.00	6,840.00	6,752.59	6,750.21	264.25	1.77	-95.71	1,773.51	-11,625.43	1,215.03	1,101.32	113.71	10.685		
15,900.00	6,840.00	6,749.94	6,747.56	266.92	1.77	-95.31	1,773.55	-11,625.50	1,119.55	999.33	120.22	9.312		
16,000.00	6,840.00	6,747.29	6,744.91	269.59	1.77	-94.91	1,773.59	-11,625.57	1,024.92	897.02	127.90	8.013		
16,100.00	6,840.00	6,744.64	6,742.26	272.26	1.77	-94.51	1,773.63	-11,625.64	931.41	794.37	137.04	6.796		
16,200.00	6,840.00	6,741.99	6,739.61	274.94	1.77	-94.11	1,773.67	-11,625.71	839.39	691.34	148.05	5.670		
16,300.00	6,840.00	6,739.34	6,736.96	277.61	1.77	-93.71	1,773.71	-11,625.78	749.40	587.97	161.43	4.642		
16,400.00	6,840.00	6,736.69	6,734.31	280.28	1.77	-93.31	1,773.75	-11,625.85	662.29	484.46	177.83	3.724		
16,500.00	6,840.00	6,734.04	6,731.66	282.96	1.77	-92.91	1,773.79	-11,625.92	579.34	381.41	197.92	2.927		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,724.86	6,722.51	285.64	1.77	-90.58	1,773.84	-11,626.16	502.62	280.45	222.17	2.262		
16,700.00	6,840.00	6,722.22	6,719.88	288.31	1.77	-90.15	1,773.88	-11,626.23	435.43	185.59	249.84	1.743		
16,800.00	6,840.00	6,719.60	6,717.26	290.99	1.77	-89.71	1,773.93	-11,626.29	382.84	105.81	277.03	1.382	Level 3	
16,900.00	6,840.00	6,716.99	6,714.65	293.67	1.77	-89.28	1,773.97	-11,626.36	351.45	56.97	294.48	1.193	Level 2	
16,965.31	6,840.00	6,715.30	6,712.96	295.42	1.77	-89.00	1,774.00	-11,626.40	345.34	50.19	295.15	1.170	Level 2, CC, ES, SF	
17,000.00	6,840.00	6,714.40	6,712.06	296.35	1.77	-88.85	1,774.02	-11,626.42	347.07	55.71	291.36	1.191	Level 2	
17,100.00	6,840.00	6,711.83	6,709.49	299.03	1.77	-88.42	1,774.06	-11,626.48	370.66	103.68	266.97	1.388	Level 3	
17,200.00	6,840.00	6,709.28	6,706.94	301.71	1.77	-88.00	1,774.11	-11,626.55	417.50	185.17	232.32	1.797		
17,300.00	6,840.00	6,706.74	6,704.40	304.39	1.77	-87.58	1,774.16	-11,626.61	480.84	282.78	198.06	2.428		
17,400.00	6,840.00	6,704.22	6,701.88	307.08	1.77	-87.16	1,774.20	-11,626.67	555.06	386.29	168.77	3.289		
17,500.00	6,840.00	6,701.71	6,699.38	309.76	1.77	-86.74	1,774.25	-11,626.73	636.37	491.27	145.10	4.386		
17,600.00	6,840.00	6,699.29	6,696.96	312.44	1.77	-86.34	1,774.30	-11,626.79	722.38	596.11	126.28	5.721		
17,700.00	6,840.00	6,697.06	6,694.73	315.13	1.77	-85.98	1,774.34	-11,626.84	811.60	700.29	111.30	7.292		
17,800.00	6,840.00	6,694.86	6,692.53	317.81	1.77	-85.61	1,774.38	-11,626.90	903.07	803.76	99.31	9.093		
17,900.00	6,840.00	6,692.69	6,690.36	320.50	1.77	-85.25	1,774.42	-11,626.95	996.18	906.55	89.63	11.115		
18,000.00	6,840.00	6,690.54	6,688.22	323.19	1.77	-84.90	1,774.46	-11,627.00	1,090.50	1,008.76	81.74	13.342		
18,100.00	6,840.00	6,688.43	6,686.10	325.87	1.77	-84.55	1,774.50	-11,627.05	1,185.75	1,110.49	75.26	15.755		
18,200.00	6,840.00	6,686.34	6,684.02	328.56	1.77	-84.21	1,774.54	-11,627.10	1,281.72	1,211.81	69.91	18.333		
18,300.00	6,840.00	6,684.29	6,681.96	331.25	1.77	-83.87	1,774.58	-11,627.14	1,378.26	1,312.79	65.47	21.051		
18,400.00	6,840.00	6,682.26	6,679.93	333.94	1.77	-83.53	1,774.62	-11,627.19	1,475.26	1,413.49	61.77	23.884		
18,500.00	6,840.00	6,680.25	6,677.93	336.63	1.77	-83.20	1,774.65	-11,627.24	1,572.63	1,513.96	58.67	26.806		
18,600.00	6,840.00	6,678.27	6,675.95	339.32	1.77	-82.88	1,774.69	-11,627.28	1,670.31	1,614.24	56.07	29.791		
18,700.00	6,840.00	6,676.32	6,674.00	342.01	1.77	-82.56	1,774.72	-11,627.32	1,768.24	1,714.36	53.88	32.817		
18,800.00	6,840.00	6,674.40	6,672.07	344.70	1.77	-82.24	1,774.75	-11,627.37	1,866.39	1,814.35	52.04	35.862		
18,900.00	6,840.00	6,672.49	6,670.17	347.39	1.77	-81.93	1,774.79	-11,627.41	1,964.73	1,914.23	50.50	38.907		
19,000.00	6,840.00	6,670.62	6,668.30	350.08	1.77	-81.63	1,774.82	-11,627.45	2,063.23	2,014.03	49.20	41.937		
19,100.00	6,840.00	6,668.76	6,666.44	352.77	1.77	-81.32	1,774.85	-11,627.49	2,161.86	2,113.75	48.11	44.940		
19,200.00	6,840.00	6,666.93	6,664.61	355.46	1.77	-81.03	1,774.88	-11,627.53	2,260.61	2,213.42	47.19	47.905		
19,300.00	6,840.00	6,665.12	6,662.80	358.16	1.77	-80.73	1,774.91	-11,627.57	2,359.46	2,313.04	46.42	50.825		
19,400.00	6,840.00	6,663.33	6,661.02	360.85	1.77	-80.44	1,774.94	-11,627.61	2,458.40	2,412.62	45.78	53.696		
19,500.00	6,840.00	6,661.57	6,659.25	363.54	1.77	-80.16	1,774.97	-11,627.65	2,557.43	2,512.17	45.25	56.514		
19,600.00	6,840.00	6,659.83	6,657.51	366.24	1.77	-79.87	1,775.00	-11,627.68	2,656.52	2,611.71	44.82	59.277		
19,700.00	6,840.00	6,658.11	6,655.79	368.93	1.77	-79.60	1,775.02	-11,627.72	2,755.68	2,711.23	44.46	61.985		
19,800.00	6,840.00	6,656.41	6,654.09	371.63	1.77	-79.32	1,775.05	-11,627.76	2,854.90	2,810.73	44.17	64.638		
19,900.00	6,840.00	6,654.73	6,652.41	374.32	1.77	-79.05	1,775.08	-11,627.79	2,954.17	2,910.23	43.94	67.237		
20,000.00	6,840.00	6,653.07	6,650.75	377.02	1.77	-78.78	1,775.10	-11,627.83	3,053.49	3,009.73	43.76	69.784		
20,100.00	6,840.00	6,651.43	6,649.11	379.71	1.77	-78.52	1,775.13	-11,627.86	3,152.84	3,109.23	43.62	72.282		
20,200.00	6,840.00	6,649.81	6,647.49	382.41	1.77	-78.26	1,775.15	-11,627.89	3,252.24	3,208.72	43.52	74.731		
20,300.00	6,840.00	6,648.20	6,645.89	385.11	1.77	-78.01	1,775.18	-11,627.93	3,351.67	3,308.22	43.45	77.136		
20,400.00	6,840.00	6,646.62	6,644.31	387.80	1.77	-77.75	1,775.20	-11,627.96	3,451.14	3,407.72	43.41	79.497		
20,500.00	6,840.00	6,645.06	6,642.74	390.50	1.77	-77.50	1,775.22	-11,627.99	3,550.63	3,507.23	43.40	81.817		
20,600.00	6,840.00	6,643.51	6,641.20	393.20	1.77	-77.26	1,775.25	-11,628.02	3,650.15	3,606.74	43.40	84.099		
20,691.67	6,840.00	6,642.11	6,639.80	395.67	1.77	-77.03	1,775.27	-11,628.05	3,741.40	3,697.97	43.42	86.159		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,200.00	6,840.00	6,759.00	6,759.00	118.67	117.01	-90.00	1,725.05	-14,837.85	9,984.87	9,816.26	168.61	59.218		
10,300.00	6,840.00	6,759.00	6,759.00	121.11	117.01	-90.00	1,725.05	-14,837.85	9,884.95	9,716.21	168.75	58.578		
10,400.00	6,840.00	6,759.00	6,759.00	123.57	117.01	-90.00	1,725.05	-14,837.85	9,785.04	9,616.16	168.88	57.939		
10,500.00	6,840.00	6,759.00	6,759.00	126.04	117.01	-90.00	1,725.05	-14,837.85	9,685.13	9,516.10	169.03	57.300		
10,600.00	6,840.00	6,759.00	6,759.00	128.52	117.01	-90.00	1,725.05	-14,837.85	9,585.22	9,416.05	169.17	56.661		
10,700.00	6,840.00	6,759.00	6,759.00	131.01	117.01	-90.00	1,725.05	-14,837.85	9,485.31	9,316.00	169.31	56.022		
10,800.00	6,840.00	6,759.00	6,759.00	133.51	117.01	-90.00	1,725.05	-14,837.85	9,385.40	9,215.94	169.46	55.383		
10,900.00	6,840.00	6,759.00	6,759.00	136.02	117.01	-90.00	1,725.05	-14,837.85	9,285.50	9,115.88	169.62	54.744		
11,000.00	6,840.00	6,759.00	6,759.00	138.53	117.01	-90.00	1,725.05	-14,837.85	9,185.60	9,015.82	169.77	54.105		
11,100.00	6,840.00	6,759.00	6,759.00	141.06	117.01	-90.00	1,725.05	-14,837.85	9,085.70	8,915.76	169.93	53.467		
11,200.00	6,840.00	6,759.00	6,759.00	143.59	117.01	-90.00	1,725.05	-14,837.85	8,985.80	8,815.70	170.10	52.828		
11,300.00	6,840.00	6,759.00	6,759.00	146.13	117.01	-90.00	1,725.05	-14,837.85	8,885.90	8,715.64	170.26	52.190		
11,400.00	6,840.00	6,759.00	6,759.00	148.68	117.01	-90.00	1,725.05	-14,837.85	8,786.01	8,615.58	170.43	51.551		
11,500.00	6,840.00	6,759.00	6,759.00	151.23	117.01	-90.00	1,725.05	-14,837.85	8,686.12	8,515.51	170.61	50.913		
11,600.00	6,840.00	6,759.00	6,759.00	153.79	117.01	-90.00	1,725.05	-14,837.85	8,586.23	8,415.45	170.79	50.275		
11,700.00	6,840.00	6,759.00	6,759.00	156.35	117.01	-90.00	1,725.05	-14,837.85	8,486.35	8,315.38	170.97	49.637		
11,800.00	6,840.00	6,759.00	6,759.00	158.92	117.01	-90.00	1,725.05	-14,837.85	8,386.46	8,215.31	171.16	48.999		
11,900.00	6,840.00	6,759.00	6,759.00	161.49	117.01	-90.00	1,725.05	-14,837.85	8,286.58	8,115.24	171.35	48.361		
12,000.00	6,840.00	6,759.00	6,759.00	164.07	117.01	-90.00	1,725.05	-14,837.85	8,186.71	8,015.16	171.54	47.724		
12,100.00	6,840.00	6,759.00	6,759.00	166.66	117.01	-90.00	1,725.05	-14,837.85	8,086.83	7,915.09	171.74	47.087		
12,200.00	6,840.00	6,759.00	6,759.00	169.25	117.01	-90.00	1,725.05	-14,837.85	7,986.96	7,815.01	171.95	46.449		
12,300.00	6,840.00	6,759.00	6,759.00	171.84	117.01	-90.00	1,725.05	-14,837.85	7,887.09	7,714.93	172.16	45.812		
12,400.00	6,840.00	6,759.00	6,759.00	174.44	117.01	-90.00	1,725.05	-14,837.85	7,787.23	7,614.85	172.38	45.175		
12,500.00	6,840.00	6,759.00	6,759.00	177.04	117.01	-90.00	1,725.05	-14,837.85	7,687.37	7,514.77	172.60	44.539		
12,600.00	6,840.00	6,759.00	6,759.00	179.64	117.01	-90.00	1,725.05	-14,837.85	7,587.51	7,414.68	172.83	43.902		
12,700.00	6,840.00	6,759.00	6,759.00	182.25	117.01	-90.00	1,725.05	-14,837.85	7,487.66	7,314.60	173.06	43.266		
12,800.00	6,840.00	6,759.00	6,759.00	184.86	117.01	-90.00	1,725.05	-14,837.85	7,387.81	7,214.51	173.30	42.630		
12,900.00	6,840.00	6,759.00	6,759.00	187.47	117.01	-90.00	1,725.05	-14,837.85	7,287.96	7,114.42	173.55	41.994		
13,000.00	6,840.00	6,759.00	6,759.00	190.09	117.01	-90.00	1,725.05	-14,837.85	7,188.12	7,014.32	173.80	41.359		
13,100.00	6,840.00	6,759.00	6,759.00	192.71	117.01	-90.00	1,725.05	-14,837.85	7,088.29	6,914.23	174.06	40.723		
13,200.00	6,840.00	6,759.00	6,759.00	195.34	117.01	-90.00	1,725.05	-14,837.85	6,988.46	6,814.13	174.33	40.088		
13,300.00	6,840.00	6,759.00	6,759.00	197.96	117.01	-90.00	1,725.05	-14,837.85	6,888.63	6,714.03	174.60	39.453		
13,400.00	6,840.00	6,759.00	6,759.00	200.59	117.01	-90.00	1,725.05	-14,837.85	6,788.81	6,613.92	174.89	38.819		
13,500.00	6,840.00	6,759.00	6,759.00	203.22	117.01	-90.00	1,725.05	-14,837.85	6,688.99	6,513.81	175.18	38.184		
13,600.00	6,840.00	6,759.00	6,759.00	205.85	117.01	-90.00	1,725.05	-14,837.85	6,589.18	6,413.70	175.48	37.550		
13,700.00	6,840.00	6,759.00	6,759.00	208.49	117.01	-90.00	1,725.05	-14,837.85	6,489.38	6,313.59	175.79	36.916		
13,800.00	6,840.00	6,759.00	6,759.00	211.13	117.01	-90.00	1,725.05	-14,837.85	6,389.58	6,213.47	176.10	36.283		
13,900.00	6,840.00	6,759.00	6,759.00	213.77	117.01	-90.00	1,725.05	-14,837.85	6,289.78	6,113.35	176.43	35.650		
14,000.00	6,840.00	6,759.00	6,759.00	216.41	117.01	-90.00	1,725.05	-14,837.85	6,190.00	6,013.23	176.77	35.017		
14,100.00	6,840.00	6,759.00	6,759.00	219.06	117.01	-90.00	1,725.05	-14,837.85	6,090.22	5,913.10	177.12	34.384		
14,200.00	6,840.00	6,759.00	6,759.00	221.70	117.01	-90.00	1,725.05	-14,837.85	5,990.45	5,812.96	177.48	33.752		
14,300.00	6,840.00	6,759.00	6,759.00	224.35	117.01	-90.00	1,725.05	-14,837.85	5,890.68	5,712.83	177.86	33.120		
14,400.00	6,840.00	6,759.00	6,759.00	227.00	117.01	-90.00	1,725.05	-14,837.85	5,790.93	5,612.68	178.25	32.488		
14,500.00	6,840.00	6,759.00	6,759.00	229.65	117.01	-90.00	1,725.05	-14,837.85	5,691.18	5,512.54	178.65	31.857		
14,600.00	6,840.00	6,759.00	6,759.00	232.30	117.01	-90.00	1,725.05	-14,837.85	5,591.45	5,412.38	179.06	31.226		
14,700.00	6,840.00	6,759.00	6,759.00	234.96	117.01	-90.00	1,725.05	-14,837.85	5,491.72	5,312.23	179.49	30.596		
14,800.00	6,840.00	6,759.00	6,759.00	237.61	117.01	-90.00	1,725.05	-14,837.85	5,392.00	5,212.06	179.94	29.966		
14,900.00	6,840.00	6,759.00	6,759.00	240.27	117.01	-90.00	1,725.05	-14,837.85	5,292.29	5,111.89	180.40	29.336		
15,000.00	6,840.00	6,759.00	6,759.00	242.93	117.01	-90.00	1,725.05	-14,837.85	5,192.59	5,011.71	180.88	28.707		
15,100.00	6,840.00	6,759.00	6,759.00	245.59	117.01	-90.00	1,725.05	-14,837.85	5,092.91	4,911.53	181.38	28.079		
15,200.00	6,840.00	6,759.00	6,759.00	248.25	117.01	-90.00	1,725.05	-14,837.85	4,993.24	4,811.34	181.90	27.450		
15,300.00	6,840.00	6,759.00	6,759.00	250.92	117.01	-90.00	1,725.05	-14,837.85	4,893.58	4,711.14	182.44	26.823		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,400.00	6,840.00	6,759.00	6,759.00	253.58	117.01	-90.00	1,725.05	-14,837.85	4,793.94	4,610.93	183.01	26.196		
15,500.00	6,840.00	6,759.00	6,759.00	256.25	117.01	-90.00	1,725.05	-14,837.85	4,694.31	4,510.71	183.59	25.569		
15,600.00	6,840.00	6,759.00	6,759.00	258.91	117.01	-90.00	1,725.05	-14,837.85	4,594.69	4,410.49	184.21	24.943		
15,700.00	6,840.00	6,759.00	6,759.00	261.58	117.01	-90.00	1,725.05	-14,837.85	4,495.10	4,310.25	184.85	24.317		
15,800.00	6,840.00	6,759.00	6,759.00	264.25	117.01	-90.00	1,725.05	-14,837.85	4,395.52	4,210.00	185.52	23.693		
15,900.00	6,840.00	6,759.00	6,759.00	266.92	117.01	-90.00	1,725.05	-14,837.85	4,295.96	4,109.74	186.23	23.068		
16,000.00	6,840.00	6,759.00	6,759.00	269.59	117.01	-90.00	1,725.05	-14,837.85	4,196.43	4,009.46	186.97	22.445		
16,100.00	6,840.00	6,759.00	6,759.00	272.26	117.01	-90.00	1,725.05	-14,837.85	4,096.91	3,909.17	187.74	21.822		
16,200.00	6,840.00	6,759.00	6,759.00	274.94	117.01	-90.00	1,725.05	-14,837.85	3,997.42	3,808.87	188.56	21.200		
16,300.00	6,840.00	6,759.00	6,759.00	277.61	117.01	-90.00	1,725.05	-14,837.85	3,897.96	3,708.55	189.41	20.579		
16,400.00	6,840.00	6,759.00	6,759.00	280.28	117.01	-90.00	1,725.05	-14,837.85	3,798.52	3,608.21	190.32	19.959		
16,500.00	6,840.00	6,759.00	6,759.00	282.96	117.01	-90.00	1,725.05	-14,837.85	3,699.12	3,507.85	191.27	19.340		
16,600.00	6,840.00	6,759.00	6,759.00	285.64	117.01	-90.00	1,725.05	-14,837.85	3,599.75	3,407.47	192.28	18.721		
16,700.00	6,840.00	6,759.00	6,759.00	288.31	117.01	-90.00	1,725.05	-14,837.85	3,500.41	3,307.06	193.35	18.104		
16,800.00	6,840.00	6,759.00	6,759.00	290.99	117.01	-90.00	1,725.05	-14,837.85	3,401.11	3,206.63	194.48	17.488		
16,900.00	6,840.00	6,759.00	6,759.00	293.67	117.01	-90.00	1,725.05	-14,837.85	3,301.86	3,106.18	195.68	16.874		
17,000.00	6,840.00	6,759.00	6,759.00	296.35	117.01	-90.00	1,725.05	-14,837.85	3,202.65	3,005.69	196.96	16.260		
17,100.00	6,840.00	6,759.00	6,759.00	299.03	117.01	-90.00	1,725.05	-14,837.85	3,103.49	2,905.16	198.33	15.648		
17,200.00	6,840.00	6,759.00	6,759.00	301.71	117.01	-90.00	1,725.05	-14,837.85	3,004.39	2,804.61	199.78	15.038		
17,300.00	6,840.00	6,759.00	6,759.00	304.39	117.01	-90.00	1,725.05	-14,837.85	2,905.35	2,704.00	201.35	14.430		
17,400.00	6,840.00	6,759.00	6,759.00	307.08	117.01	-90.00	1,725.05	-14,837.85	2,806.38	2,603.36	203.02	13.823		
17,500.00	6,840.00	6,759.00	6,759.00	309.76	117.01	-90.00	1,725.05	-14,837.85	2,707.48	2,502.66	204.82	13.219		
17,600.00	6,840.00	6,759.00	6,759.00	312.44	117.01	-90.00	1,725.05	-14,837.85	2,608.67	2,401.90	206.76	12.617		
17,700.00	6,840.00	6,759.00	6,759.00	315.13	117.01	-90.00	1,725.05	-14,837.85	2,509.95	2,301.08	208.86	12.017		
17,800.00	6,840.00	6,759.00	6,759.00	317.81	117.01	-90.00	1,725.05	-14,837.85	2,411.33	2,200.19	211.14	11.420		
17,900.00	6,840.00	6,759.00	6,759.00	320.50	117.01	-90.00	1,725.05	-14,837.85	2,312.84	2,099.22	213.62	10.827		
18,000.00	6,840.00	6,759.00	6,759.00	323.19	117.01	-90.00	1,725.05	-14,837.85	2,214.48	1,998.16	216.32	10.237		
18,100.00	6,840.00	6,759.00	6,759.00	325.87	117.01	-90.00	1,725.05	-14,837.85	2,116.28	1,896.99	219.28	9.651		
18,200.00	6,840.00	6,759.00	6,759.00	328.56	117.01	-90.00	1,725.05	-14,837.85	2,018.25	1,795.71	222.54	9.069		
18,300.00	6,840.00	6,759.00	6,759.00	331.25	117.01	-90.00	1,725.05	-14,837.85	1,920.42	1,694.29	226.13	8.493		
18,400.00	6,840.00	6,759.00	6,759.00	333.94	117.01	-90.00	1,725.05	-14,837.85	1,822.83	1,592.72	230.11	7.922		
18,500.00	6,840.00	6,759.00	6,759.00	336.63	117.01	-90.00	1,725.05	-14,837.85	1,725.52	1,490.97	234.54	7.357		
18,600.00	6,840.00	6,759.00	6,759.00	339.32	117.01	-90.00	1,725.05	-14,837.85	1,628.53	1,389.02	239.51	6.800		
18,700.00	6,840.00	6,759.00	6,759.00	342.01	117.01	-90.00	1,725.05	-14,837.85	1,531.93	1,286.83	245.09	6.250		
18,800.00	6,840.00	6,759.00	6,759.00	344.70	117.01	-90.00	1,725.05	-14,837.85	1,435.79	1,184.37	251.42	5.711		
18,900.00	6,840.00	6,759.00	6,759.00	347.39	117.01	-90.00	1,725.05	-14,837.85	1,340.22	1,081.58	258.64	5.182		
19,000.00	6,840.00	6,759.00	6,759.00	350.08	117.01	-90.00	1,725.05	-14,837.85	1,245.35	978.43	266.92	4.666		
19,100.00	6,840.00	6,759.00	6,759.00	352.77	117.01	-90.00	1,725.05	-14,837.85	1,151.34	874.85	276.49	4.164		
19,200.00	6,840.00	6,759.00	6,759.00	355.46	117.01	-90.00	1,725.05	-14,837.85	1,058.43	770.79	287.65	3.680		
19,300.00	6,840.00	6,759.00	6,759.00	358.16	117.01	-90.00	1,725.05	-14,837.85	966.94	666.19	300.75	3.215		
19,400.00	6,840.00	6,759.00	6,759.00	360.85	117.01	-90.00	1,725.05	-14,837.85	877.31	561.07	316.24	2.774		
19,500.00	6,840.00	6,759.00	6,759.00	363.54	117.01	-90.00	1,725.05	-14,837.85	790.17	455.51	334.66	2.361		
19,600.00	6,840.00	6,759.00	6,759.00	366.24	117.01	-90.00	1,725.05	-14,837.85	706.45	349.85	356.60	1.981		
19,700.00	6,840.00	6,759.00	6,759.00	368.93	117.01	-90.00	1,725.05	-14,837.85	627.50	244.98	382.52	1.640		
19,800.00	6,840.00	6,759.00	6,759.00	371.63	117.01	-90.00	1,725.05	-14,837.85	555.39	143.00	412.39	1.347 Level 3		
19,900.00	6,840.00	6,759.00	6,759.00	374.32	117.01	-90.00	1,725.05	-14,837.85	493.11	48.40	444.71	1.109 Level 2		
20,000.00	6,840.00	6,759.00	6,759.00	377.02	117.01	-90.00	1,725.05	-14,837.85	444.80	-30.17	474.97	0.936 Level 1		
20,100.00	6,840.00	6,759.00	6,759.00	379.71	117.01	-90.00	1,725.05	-14,837.85	415.39	-79.49	494.88	0.839 Level 1		
20,176.52	6,840.00	6,759.00	6,759.00	381.78	117.01	-90.00	1,725.05	-14,837.85	408.28	-89.12	497.40	0.821 Level 1, CC, ES, SF		
20,200.00	6,840.00	6,759.00	6,759.00	382.41	117.01	-90.00	1,725.05	-14,837.85	408.95	-86.61	495.56	0.825 Level 1		
20,300.00	6,840.00	6,759.00	6,759.00	385.11	117.01	-90.00	1,725.05	-14,837.85	426.54	-48.64	475.18	0.898 Level 1		
20,400.00	6,840.00	6,759.00	6,759.00	387.80	117.01	-90.00	1,725.05	-14,837.85	465.44	24.30	441.14	1.055 Level 2		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,500.00	6,840.00	6,759.00	6,759.00	390.50	117.01	-90.00	1,725.05	-14,837.85	520.89	117.69	403.21	1.292 Level 3	
20,600.00	6,840.00	6,759.00	6,759.00	393.20	117.01	-90.00	1,725.05	-14,837.85	588.24	220.60	367.64	1.600	
20,691.67	6,840.00	6,759.00	6,759.00	395.67	117.01	-90.00	1,725.05	-14,837.85	657.32	318.13	339.19	1.938	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
7,500.00	6,765.16	6,826.89	6,826.29	61.71	2.16	-21.19	2,252.63	-12,107.05	9,936.62	9,888.17	48.45	205.081		
7,600.00	6,805.74	6,865.51	6,864.89	63.40	2.19	-19.28	2,251.60	-12,106.39	9,845.58	9,796.68	48.90	201.357		
7,700.00	6,830.93	6,888.80	6,888.16	65.14	2.20	-17.25	2,250.97	-12,105.99	9,748.80	9,699.64	49.16	198.292		
7,800.00	6,839.98	6,896.05	6,895.41	66.86	2.21	131.12	2,250.78	-12,105.86	9,649.21	9,599.97	49.25	195.940		
7,900.00	6,840.00	6,894.35	6,893.71	68.58	2.20	142.34	2,250.83	-12,105.89	9,549.24	9,500.01	49.23	193.990		
8,000.00	6,840.00	6,892.63	6,891.99	70.35	2.20	142.04	2,250.87	-12,105.92	9,449.26	9,400.06	49.20	192.040		
8,100.00	6,840.00	6,890.91	6,890.27	72.18	2.20	141.74	2,250.92	-12,105.95	9,349.29	9,300.10	49.18	190.089		
8,200.00	6,840.00	6,889.19	6,888.56	74.06	2.20	141.44	2,250.96	-12,105.98	9,249.31	9,200.15	49.16	188.137		
8,300.00	6,840.00	6,887.47	6,886.84	75.98	2.20	141.13	2,251.01	-12,106.01	9,149.34	9,100.20	49.14	186.184		
8,400.00	6,840.00	6,885.75	6,885.12	77.96	2.20	140.82	2,251.06	-12,106.04	9,049.36	9,000.24	49.12	184.230		
8,500.00	6,840.00	6,884.03	6,883.40	79.97	2.20	140.51	2,251.10	-12,106.07	8,949.39	8,900.29	49.10	182.275		
8,600.00	6,840.00	6,882.31	6,881.68	82.03	2.20	140.19	2,251.15	-12,106.10	8,849.41	8,800.34	49.08	180.320		
8,700.00	6,840.00	6,880.59	6,879.96	84.12	2.20	139.87	2,251.19	-12,106.13	8,749.44	8,700.39	49.05	178.363		
8,800.00	6,840.00	6,878.87	6,878.24	86.25	2.19	139.54	2,251.24	-12,106.16	8,649.47	8,600.44	49.03	176.405		
8,900.00	6,840.00	6,877.15	6,876.52	88.41	2.19	139.21	2,251.29	-12,106.19	8,549.49	8,500.48	49.01	174.447		
9,000.00	6,840.00	6,875.43	6,874.81	90.60	2.19	138.87	2,251.33	-12,106.22	8,449.52	8,400.54	48.99	172.488		
9,100.00	6,840.00	6,873.71	6,873.09	92.82	2.19	138.53	2,251.38	-12,106.25	8,349.55	8,300.59	48.96	170.529		
9,200.00	6,840.00	6,871.99	6,871.37	95.07	2.19	138.19	2,251.42	-12,106.28	8,249.58	8,200.64	48.94	168.569		
9,300.00	6,840.00	6,870.27	6,869.65	97.34	2.19	137.84	2,251.47	-12,106.30	8,149.60	8,100.69	48.91	166.609		
9,400.00	6,840.00	6,868.56	6,867.93	99.64	2.19	137.48	2,251.52	-12,106.33	8,049.63	8,000.74	48.89	164.648		
9,500.00	6,840.00	6,866.84	6,866.21	101.95	2.19	137.13	2,251.56	-12,106.36	7,949.66	7,900.80	48.86	162.686		
9,600.00	6,840.00	6,865.12	6,864.49	104.29	2.18	136.76	2,251.61	-12,106.39	7,849.69	7,800.85	48.84	160.725		
9,700.00	6,840.00	6,863.40	6,862.77	106.64	2.18	136.40	2,251.65	-12,106.42	7,749.72	7,700.91	48.81	158.763		
9,800.00	6,840.00	6,861.68	6,861.06	109.02	2.18	136.02	2,251.70	-12,106.45	7,649.75	7,600.96	48.79	156.801		
9,900.00	6,840.00	6,859.96	6,859.34	111.41	2.18	135.65	2,251.75	-12,106.48	7,549.78	7,501.02	48.76	154.838		
10,000.00	6,840.00	6,858.24	6,857.62	113.81	2.18	135.27	2,251.79	-12,106.51	7,449.81	7,401.08	48.73	152.876		
10,100.00	6,840.00	6,856.52	6,855.90	116.23	2.18	134.88	2,251.84	-12,106.54	7,349.84	7,301.14	48.70	150.913		
10,200.00	6,840.00	6,854.80	6,854.18	118.67	2.18	134.49	2,251.88	-12,106.57	7,249.87	7,201.20	48.67	148.951		
10,300.00	6,840.00	6,853.08	6,852.46	121.11	2.18	134.09	2,251.93	-12,106.60	7,149.91	7,101.26	48.64	146.988		
10,400.00	6,840.00	6,851.36	6,850.74	123.57	2.18	133.69	2,251.98	-12,106.63	7,049.94	7,001.33	48.61	145.026		
10,500.00	6,840.00	6,849.64	6,849.02	126.04	2.17	133.28	2,252.02	-12,106.66	6,949.97	6,901.39	48.58	143.064		
10,600.00	6,840.00	6,847.92	6,847.31	128.52	2.17	132.87	2,252.07	-12,106.69	6,850.01	6,801.46	48.55	141.102		
10,700.00	6,840.00	6,846.20	6,845.59	131.01	2.17	132.45	2,252.12	-12,106.72	6,750.04	6,701.53	48.51	139.140		
10,800.00	6,840.00	6,844.48	6,843.87	133.51	2.17	132.03	2,252.16	-12,106.75	6,650.07	6,601.60	48.48	137.179		
10,900.00	6,840.00	6,842.76	6,842.15	136.02	2.17	131.60	2,252.21	-12,106.77	6,550.11	6,501.67	48.44	135.218		
11,000.00	6,840.00	6,841.04	6,840.43	138.53	2.17	131.17	2,252.25	-12,106.80	6,450.15	6,401.74	48.40	133.258		
11,100.00	6,840.00	6,839.32	6,838.71	141.06	2.17	130.73	2,252.30	-12,106.83	6,350.18	6,301.82	48.36	131.298		
11,200.00	6,840.00	6,837.60	6,836.99	143.59	2.17	130.28	2,252.35	-12,106.86	6,250.22	6,201.90	48.32	129.338		
11,300.00	6,840.00	6,835.88	6,835.27	146.13	2.17	129.83	2,252.39	-12,106.89	6,150.26	6,101.97	48.28	127.379		
11,400.00	6,840.00	6,834.16	6,833.56	148.68	2.16	129.38	2,252.44	-12,106.92	6,050.30	6,002.06	48.24	125.421		
11,500.00	6,840.00	6,832.44	6,831.84	151.23	2.16	128.92	2,252.48	-12,106.95	5,950.34	5,902.14	48.20	123.464		
11,600.00	6,840.00	6,830.72	6,830.12	153.79	2.16	128.45	2,252.53	-12,106.98	5,850.38	5,802.23	48.15	121.507		
11,700.00	6,840.00	6,829.00	6,828.40	156.35	2.16	127.97	2,252.58	-12,107.01	5,750.42	5,702.32	48.10	119.551		
11,800.00	6,840.00	6,827.28	6,826.68	158.92	2.16	127.50	2,252.62	-12,107.04	5,650.46	5,602.41	48.05	117.596		
11,900.00	6,840.00	6,825.56	6,824.96	161.49	2.16	127.01	2,252.67	-12,107.07	5,550.50	5,502.51	48.00	115.642		
12,000.00	6,840.00	6,823.84	6,823.24	164.07	2.16	126.52	2,252.71	-12,107.10	5,450.55	5,402.61	47.94	113.688		
12,100.00	6,840.00	6,822.13	6,821.52	166.66	2.16	126.02	2,252.76	-12,107.13	5,350.59	5,302.71	47.89	111.736		
12,200.00	6,840.00	6,820.41	6,819.81	169.25	2.16	125.52	2,252.81	-12,107.16	5,250.64	5,202.81	47.83	109.785		
12,300.00	6,840.00	6,818.69	6,818.09	171.84	2.15	125.01	2,252.85	-12,107.19	5,150.69	5,102.92	47.76	107.835		
12,400.00	6,840.00	6,820.17	6,819.57	174.44	2.15	125.45	2,252.79	-12,107.15	5,050.73	5,003.05	47.69	105.918		
12,500.00	6,840.00	6,818.06	6,817.46	177.04	2.15	124.83	2,252.85	-12,107.19	4,950.78	4,903.17	47.62	103.967		
12,600.00	6,840.00	6,815.97	6,815.37	179.64	2.15	124.20	2,252.91	-12,107.23	4,850.84	4,803.29	47.55	102.017		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
12,700.00	6,840.00	6,813.89	6,813.29	182.25	2.15	123.56	2,252.97	-12,107.26	4,750.89	4,703.42	47.48	100.068		
12,800.00	6,840.00	6,811.83	6,811.23	184.86	2.15	122.92	2,253.03	-12,107.30	4,650.95	4,603.55	47.40	98.121		
12,900.00	6,840.00	6,809.78	6,809.18	187.47	2.15	122.28	2,253.09	-12,107.34	4,551.01	4,503.69	47.32	96.176		
13,000.00	6,840.00	6,807.74	6,807.15	190.09	2.14	121.63	2,253.14	-12,107.37	4,451.06	4,403.83	47.24	94.231		
13,100.00	6,840.00	6,805.72	6,805.13	192.71	2.14	120.98	2,253.20	-12,107.41	4,351.13	4,303.98	47.15	92.288		
13,200.00	6,840.00	6,803.71	6,803.12	195.34	2.14	120.32	2,253.25	-12,107.44	4,251.19	4,204.14	47.05	90.347		
13,300.00	6,840.00	6,801.72	6,801.13	197.96	2.14	119.66	2,253.31	-12,107.48	4,151.26	4,104.30	46.96	88.407		
13,400.00	6,840.00	6,799.74	6,799.15	200.59	2.14	119.00	2,253.36	-12,107.51	4,051.32	4,004.47	46.85	86.469		
13,500.00	6,840.00	6,797.77	6,797.18	203.22	2.14	118.33	2,253.41	-12,107.54	3,951.39	3,904.65	46.74	84.532		
13,600.00	6,840.00	6,795.81	6,795.22	205.85	2.14	117.66	2,253.46	-12,107.58	3,851.47	3,804.84	46.63	82.597		
13,700.00	6,840.00	6,793.87	6,793.28	208.49	2.14	116.99	2,253.51	-12,107.61	3,751.54	3,705.04	46.51	80.663		
13,800.00	6,840.00	6,791.94	6,791.36	211.13	2.14	116.31	2,253.57	-12,107.64	3,651.62	3,605.24	46.38	78.731		
13,900.00	6,840.00	6,790.02	6,789.44	213.77	2.14	115.63	2,253.61	-12,107.67	3,551.71	3,505.46	46.25	76.801		
14,000.00	6,840.00	6,788.12	6,787.54	216.41	2.14	114.95	2,253.66	-12,107.71	3,451.79	3,405.69	46.10	74.871		
14,100.00	6,840.00	6,786.23	6,785.65	219.06	2.14	114.26	2,253.71	-12,107.74	3,351.89	3,305.93	45.95	72.944		
14,200.00	6,840.00	6,784.35	6,783.77	221.70	2.14	113.58	2,253.76	-12,107.77	3,251.98	3,206.19	45.79	71.017		
14,300.00	6,840.00	6,782.48	6,781.90	224.35	2.14	112.89	2,253.81	-12,107.80	3,152.08	3,106.46	45.62	69.092		
14,400.00	6,840.00	6,780.63	6,780.05	227.00	2.14	112.20	2,253.85	-12,107.83	3,052.19	3,006.75	45.44	67.168		
14,500.00	6,840.00	6,778.79	6,778.21	229.65	2.14	111.50	2,253.90	-12,107.86	2,952.30	2,907.05	45.25	65.245		
14,600.00	6,840.00	6,776.95	6,776.38	232.30	2.13	110.81	2,253.95	-12,107.89	2,852.42	2,807.38	45.05	63.322		
14,700.00	6,840.00	6,775.13	6,774.56	234.96	2.13	110.11	2,253.99	-12,107.92	2,752.55	2,707.72	44.83	61.399		
14,800.00	6,840.00	6,773.33	6,772.75	237.61	2.13	109.42	2,254.04	-12,107.95	2,652.69	2,608.09	44.60	59.476		
14,900.00	6,840.00	6,771.53	6,770.95	240.27	2.13	108.72	2,254.08	-12,107.98	2,552.83	2,508.48	44.36	57.552		
15,000.00	6,840.00	6,769.75	6,769.17	242.93	2.13	108.02	2,254.12	-12,108.01	2,452.99	2,408.89	44.10	55.627		
15,100.00	6,840.00	6,767.97	6,767.40	245.59	2.13	107.32	2,254.17	-12,108.04	2,353.16	2,309.34	43.82	53.699		
15,200.00	6,840.00	6,766.21	6,765.64	248.25	2.13	106.62	2,254.21	-12,108.07	2,253.34	2,209.81	43.53	51.767		
15,300.00	6,840.00	6,764.46	6,763.89	250.92	2.13	105.92	2,254.25	-12,108.09	2,153.54	2,110.32	43.22	49.830		
15,400.00	6,840.00	6,762.72	6,762.15	253.58	2.13	105.22	2,254.29	-12,108.12	2,053.75	2,010.86	42.89	47.885		
15,500.00	6,840.00	6,760.99	6,760.42	256.25	2.13	104.52	2,254.33	-12,108.15	1,953.99	1,911.44	42.54	45.929		
15,600.00	6,840.00	6,759.27	6,758.70	258.91	2.13	103.82	2,254.37	-12,108.18	1,854.25	1,812.07	42.18	43.959		
15,700.00	6,840.00	6,757.56	6,756.99	261.58	2.13	103.12	2,254.41	-12,108.20	1,754.54	1,712.73	41.81	41.969		
15,800.00	6,840.00	6,755.87	6,755.30	264.25	2.13	102.42	2,254.45	-12,108.23	1,654.86	1,613.44	41.42	39.952		
15,900.00	6,840.00	6,754.18	6,753.61	266.92	2.13	101.72	2,254.49	-12,108.26	1,555.22	1,514.18	41.04	37.899		
16,000.00	6,840.00	6,752.50	6,751.94	269.59	2.13	101.02	2,254.53	-12,108.28	1,455.62	1,414.96	40.67	35.795		
16,100.00	6,840.00	6,750.84	6,750.27	272.26	2.13	100.33	2,254.56	-12,108.31	1,356.09	1,315.76	40.33	33.624		
16,200.00	6,840.00	6,749.18	6,748.62	274.94	2.13	99.64	2,254.60	-12,108.34	1,256.63	1,216.56	40.07	31.359		
16,300.00	6,840.00	6,747.54	6,746.97	277.61	2.12	98.94	2,254.64	-12,108.36	1,157.26	1,117.31	39.95	28.968		
16,400.00	6,840.00	6,745.90	6,745.34	280.28	2.12	98.25	2,254.67	-12,108.39	1,058.00	1,017.94	40.06	26.410		
16,500.00	6,840.00	6,744.28	6,743.71	282.96	2.12	97.57	2,254.71	-12,108.41	958.90	918.33	40.57	23.636		
16,600.00	6,840.00	6,742.66	6,742.09	285.64	2.12	96.88	2,254.75	-12,108.44	860.00	818.26	41.74	20.606		
16,700.00	6,840.00	6,741.05	6,740.49	288.31	2.12	96.20	2,254.78	-12,108.46	761.39	717.40	43.98	17.311		
16,800.00	6,840.00	6,739.46	6,738.89	290.99	2.12	95.52	2,254.81	-12,108.49	663.18	615.20	47.99	13.820		
16,900.00	6,840.00	6,737.87	6,737.31	293.67	2.12	94.84	2,254.85	-12,108.51	565.61	510.77	54.84	10.314		
17,000.00	6,840.00	6,736.29	6,735.73	296.35	2.12	94.17	2,254.88	-12,108.53	469.04	402.69	66.35	7.069		
17,100.00	6,840.00	6,734.72	6,734.16	299.03	2.12	93.50	2,254.92	-12,108.56	374.29	288.45	85.83	4.361		
17,200.00	6,840.00	6,733.17	6,732.60	301.71	2.12	92.83	2,254.95	-12,108.58	283.15	163.29	119.86	2.362		
17,300.00	6,840.00	6,731.62	6,731.06	304.39	2.12	92.17	2,254.98	-12,108.61	200.64	19.03	181.60	1.105 Level 2		
17,400.00	6,840.00	6,730.08	6,729.52	307.08	2.12	91.51	2,255.01	-12,108.63	142.58	-134.50	277.08	0.515 Level 1		
17,449.65	6,840.00	6,729.32	6,728.75	308.41	2.12	91.18	2,255.03	-12,108.64	133.66	-174.75	308.40	0.433 Level 1, CC, ES, SF		
17,500.00	6,840.00	6,728.55	6,727.98	309.76	2.12	90.85	2,255.04	-12,108.65	142.83	-158.83	301.65	0.473 Level 1		
17,600.00	6,840.00	6,727.02	6,726.46	312.44	2.12	90.20	2,255.08	-12,108.67	201.16	-33.06	234.21	0.859 Level 1		
17,700.00	6,840.00	6,725.51	6,724.95	315.13	2.12	89.55	2,255.11	-12,108.70	283.77	102.40	181.37	1.565		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
17,800.00	6,840.00	6,724.01	6,723.45	317.81	2.12	88.91	2,255.14	-12,108.72	374.94	225.47	149.47	2.508	
17,900.00	6,840.00	6,722.51	6,721.95	320.50	2.12	88.27	2,255.17	-12,108.74	469.72	340.30	129.42	3.629	
18,000.00	6,840.00	6,721.02	6,720.46	323.19	2.12	87.63	2,255.20	-12,108.76	566.29	450.32	115.96	4.883	
18,100.00	6,840.00	6,719.54	6,718.99	325.87	2.12	87.00	2,255.23	-12,108.79	663.87	557.44	106.43	6.238	
18,200.00	6,840.00	6,718.07	6,717.52	328.56	2.12	86.37	2,255.26	-12,108.81	762.08	662.71	99.37	7.669	
18,300.00	6,840.00	6,716.61	6,716.06	331.25	2.11	85.75	2,255.28	-12,108.83	860.69	766.73	93.97	9.160	
18,400.00	6,840.00	6,715.16	6,714.60	333.94	2.11	85.14	2,255.31	-12,108.85	959.60	869.88	89.71	10.696	
18,500.00	6,840.00	6,713.71	6,713.16	336.63	2.11	84.52	2,255.34	-12,108.87	1,058.70	972.41	86.29	12.269	
18,600.00	6,840.00	6,712.28	6,711.72	339.32	2.11	83.92	2,255.37	-12,108.89	1,157.96	1,074.48	83.48	13.871	
18,700.00	6,840.00	6,710.85	6,710.29	342.01	2.11	83.32	2,255.40	-12,108.91	1,257.33	1,176.19	81.14	15.495	
18,800.00	6,840.00	6,709.43	6,708.88	344.70	2.11	82.72	2,255.42	-12,108.93	1,356.80	1,277.63	79.17	17.138	
18,900.00	6,840.00	6,708.02	6,707.46	347.39	2.11	82.13	2,255.45	-12,108.95	1,456.33	1,378.85	77.49	18.794	
19,000.00	6,840.00	6,706.61	6,706.06	350.08	2.11	81.54	2,255.48	-12,108.97	1,555.93	1,479.89	76.04	20.463	
19,100.00	6,840.00	6,705.22	6,704.66	352.77	2.11	80.96	2,255.50	-12,108.99	1,655.57	1,580.79	74.78	22.140	
19,200.00	6,840.00	6,703.83	6,703.28	355.46	2.11	80.38	2,255.53	-12,109.01	1,755.25	1,681.58	73.67	23.825	
19,300.00	6,840.00	6,702.45	6,701.89	358.16	2.11	79.81	2,255.55	-12,109.03	1,854.97	1,782.27	72.70	25.515	
19,400.00	6,840.00	6,701.07	6,700.52	360.85	2.11	79.25	2,255.58	-12,109.05	1,954.71	1,882.87	71.84	27.209	
19,500.00	6,840.00	6,699.75	6,699.19	363.54	2.11	78.70	2,255.60	-12,109.07	2,054.48	1,983.41	71.07	28.907	
19,600.00	6,840.00	6,698.57	6,698.02	366.24	2.11	78.22	2,255.62	-12,109.09	2,154.27	2,083.88	70.39	30.606	
19,700.00	6,840.00	6,697.41	6,696.86	368.93	2.11	77.75	2,255.64	-12,109.11	2,254.07	2,184.30	69.77	32.307	
19,800.00	6,840.00	6,696.27	6,695.72	371.63	2.11	77.29	2,255.67	-12,109.12	2,353.89	2,284.68	69.21	34.009	
19,900.00	6,840.00	6,695.15	6,694.60	374.32	2.11	76.84	2,255.69	-12,109.14	2,453.73	2,385.02	68.71	35.711	
20,000.00	6,840.00	6,694.05	6,693.50	377.02	2.11	76.40	2,255.71	-12,109.15	2,553.58	2,485.32	68.26	37.412	
20,100.00	6,840.00	6,692.96	6,692.41	379.71	2.11	75.96	2,255.72	-12,109.17	2,653.43	2,585.59	67.84	39.113	
20,200.00	6,840.00	6,691.89	6,691.34	382.41	2.11	75.54	2,255.74	-12,109.18	2,753.30	2,685.84	67.46	40.812	
20,300.00	6,840.00	6,690.84	6,690.29	385.11	2.11	75.12	2,255.76	-12,109.19	2,853.18	2,786.06	67.12	42.510	
20,400.00	6,840.00	6,689.81	6,689.26	387.80	2.11	74.71	2,255.78	-12,109.21	2,953.07	2,886.26	66.80	44.207	
20,500.00	6,840.00	6,688.79	6,688.24	390.50	2.11	74.31	2,255.80	-12,109.22	3,052.96	2,986.45	66.51	45.901	
20,600.00	6,840.00	6,687.78	6,687.24	393.20	2.11	73.91	2,255.82	-12,109.23	3,152.86	3,086.61	66.25	47.594	
20,691.67	6,840.00	6,686.88	6,686.33	395.67	2.11	73.56	2,255.83	-12,109.25	3,244.44	3,178.42	66.02	49.143	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	3,256.92	3,129.92	3,129.92	24.04	53.67	-47.28	1,027.49	-10,772.50	9,976.57	9,903.69	72.88	136.890		
3,600.00	3,346.44	3,219.44	3,219.44	24.93	55.23	-47.45	1,027.49	-10,772.50	9,944.63	9,869.47	75.16	132.310		
3,700.00	3,435.97	3,308.97	3,308.97	25.83	56.79	-47.63	1,027.49	-10,772.50	9,912.79	9,835.34	77.45	127.995		
3,800.00	3,525.50	3,401.50	3,398.50	26.72	58.41	-47.81	1,027.49	-10,772.50	9,881.04	9,801.25	79.79	123.841		
3,900.00	3,615.03	3,488.03	3,488.03	27.62	59.92	-47.99	1,027.49	-10,772.50	9,849.40	9,767.37	82.03	120.074		
4,000.00	3,704.56	3,577.56	3,577.56	28.51	61.48	-48.18	1,027.49	-10,772.50	9,817.85	9,733.53	84.32	116.430		
4,100.00	3,794.09	3,667.09	3,667.09	29.41	63.04	-48.36	1,027.49	-10,772.50	9,786.41	9,699.79	86.62	112.977		
4,200.00	3,883.61	3,756.61	3,756.61	30.30	64.61	-48.54	1,027.49	-10,772.50	9,755.07	9,666.14	88.93	109.698		
4,300.00	3,973.14	3,846.14	3,846.14	31.20	66.17	-48.73	1,027.49	-10,772.50	9,723.83	9,632.60	91.23	106.583		
4,400.00	4,062.67	3,935.67	3,935.67	32.10	67.73	-48.92	1,027.49	-10,772.50	9,692.70	9,599.16	93.54	103.618		
4,500.00	4,152.20	4,025.20	4,025.20	32.99	69.29	-49.10	1,027.49	-10,772.50	9,661.67	9,565.81	95.86	100.794		
4,600.00	4,241.73	4,114.73	4,114.73	33.89	70.86	-49.29	1,027.49	-10,772.50	9,630.75	9,532.57	98.17	98.100		
4,700.00	4,331.26	4,204.26	4,204.26	34.79	72.42	-49.48	1,027.49	-10,772.50	9,599.93	9,499.44	100.49	95.528		
4,800.00	4,420.78	4,306.22	4,293.78	35.69	74.20	-49.67	1,027.49	-10,772.50	9,569.22	9,466.19	103.03	92.875		
4,900.00	4,510.31	4,383.31	4,383.31	36.58	75.54	-49.86	1,027.49	-10,772.50	9,538.63	9,433.48	105.14	90.720		
5,000.00	4,599.84	4,472.84	4,472.84	37.48	77.11	-50.06	1,027.49	-10,772.50	9,508.14	9,400.66	107.47	88.469		
5,100.00	4,689.37	4,562.37	4,562.37	38.38	78.67	-50.25	1,027.49	-10,772.50	9,477.76	9,367.95	109.81	86.312		
5,200.00	4,778.90	4,651.90	4,651.90	39.28	80.23	-50.45	1,027.49	-10,772.50	9,447.50	9,335.35	112.15	84.243		
5,300.00	4,868.42	4,741.42	4,741.42	40.18	81.79	-50.64	1,027.49	-10,772.50	9,417.35	9,302.86	114.49	82.257		
5,400.00	4,957.95	4,830.95	4,830.95	41.07	83.36	-50.84	1,027.49	-10,772.50	9,387.31	9,270.48	116.83	80.349		
5,500.00	5,047.48	4,920.48	4,920.48	41.97	84.92	-51.04	1,027.49	-10,772.50	9,357.39	9,238.21	119.18	78.515		
5,600.00	5,137.01	5,010.01	5,010.01	42.87	86.48	-51.24	1,027.49	-10,772.50	9,327.59	9,206.06	121.53	76.751		
5,700.00	5,226.54	5,100.46	5,099.54	43.77	88.06	-51.44	1,027.49	-10,772.50	9,297.90	9,174.00	123.90	75.043		
5,800.00	5,316.07	5,189.07	5,189.07	44.67	89.61	-51.64	1,027.49	-10,772.50	9,268.34	9,142.09	126.24	73.416		
5,900.00	5,405.59	5,278.59	5,278.59	45.57	91.17	-51.84	1,027.49	-10,772.50	9,238.89	9,110.28	128.61	71.839		
6,000.00	5,495.12	5,368.12	5,368.12	46.47	92.73	-52.05	1,027.49	-10,772.50	9,209.56	9,078.59	130.97	70.318		
6,100.00	5,584.65	5,457.65	5,457.65	47.37	94.29	-52.25	1,027.49	-10,772.50	9,180.36	9,047.02	133.34	68.849		
6,200.00	5,674.18	5,547.18	5,547.18	48.27	95.86	-52.46	1,027.49	-10,772.50	9,151.28	9,015.57	135.71	67.432		
6,300.00	5,763.71	5,636.71	5,636.71	49.16	97.42	-52.67	1,027.49	-10,772.50	9,122.33	8,984.24	138.09	66.062		
6,400.00	5,853.23	5,726.23	5,726.23	50.06	98.98	-52.87	1,027.49	-10,772.50	9,093.50	8,953.03	140.47	64.738		
6,500.00	5,942.76	5,815.76	5,815.76	50.96	100.54	-53.08	1,027.49	-10,772.50	9,064.80	8,921.95	142.85	63.457		
6,600.00	6,032.29	5,905.29	5,905.29	51.86	102.11	-53.30	1,027.49	-10,772.50	9,036.23	8,890.99	145.24	62.217		
6,700.00	6,121.82	6,005.18	5,994.82	52.76	103.85	-53.51	1,027.49	-10,772.50	9,007.79	8,859.98	147.81	60.943		
6,800.00	6,211.35	6,084.35	6,084.35	53.66	105.23	-53.72	1,027.49	-10,772.50	8,979.48	8,829.46	150.02	59.855		
6,900.00	6,300.88	6,173.88	6,173.88	54.56	106.79	-53.94	1,027.49	-10,772.50	8,951.30	8,798.88	152.42	58.729		
7,000.00	6,390.40	6,263.40	6,263.40	55.46	108.36	-54.15	1,027.49	-10,772.50	8,923.25	8,768.43	154.82	57.638		
7,100.00	6,479.90	6,352.90	6,352.90	56.36	109.92	-52.71	1,027.49	-10,772.50	8,895.23	8,738.01	157.22	56.578		
7,200.00	6,565.62	6,438.62	6,438.62	57.41	111.42	-42.43	1,027.49	-10,772.50	8,857.41	8,697.81	159.59	55.500		
7,300.00	6,643.25	6,516.25	6,516.25	58.67	112.77	-36.86	1,027.49	-10,772.50	8,804.34	8,642.50	161.84	54.400		
7,400.00	6,710.45	6,583.45	6,583.45	60.11	113.94	-34.34	1,027.49	-10,772.50	8,737.62	8,573.74	163.89	53.315		
7,500.00	6,765.16	6,638.16	6,638.16	61.71	114.90	-34.36	1,027.49	-10,772.50	8,659.26	8,493.61	165.65	52.276		
7,600.00	6,805.74	6,678.74	6,678.74	63.40	115.61	-37.65	1,027.49	-10,772.50	8,571.60	8,404.54	167.05	51.311		
7,700.00	6,830.93	6,703.93	6,703.93	65.14	116.05	-48.17	1,027.49	-10,772.50	8,477.26	8,309.21	168.05	50.444		
7,800.00	6,839.98	6,712.98	6,712.98	66.86	116.20	-86.39	1,027.49	-10,772.50	8,379.09	8,210.48	168.62	49.693		
7,900.00	6,840.00	6,713.00	6,713.00	68.58	116.20	-90.00	1,027.49	-10,772.50	8,279.95	8,111.02	168.93	49.014		
8,000.00	6,840.00	6,713.00	6,713.00	70.35	116.20	-90.00	1,027.49	-10,772.50	8,180.83	8,011.57	169.26	48.334		
8,100.00	6,840.00	6,713.00	6,713.00	72.18	116.20	-90.00	1,027.49	-10,772.50	8,081.73	7,912.14	169.59	47.655		
8,200.00	6,840.00	6,713.00	6,713.00	74.06	116.20	-90.00	1,027.49	-10,772.50	7,982.65	7,812.72	169.93	46.976		
8,300.00	6,840.00	6,713.00	6,713.00	75.98	116.20	-90.00	1,027.49	-10,772.50	7,883.60	7,713.31	170.28	46.297		
8,400.00	6,840.00	6,713.00	6,713.00	77.96	116.20	-90.00	1,027.49	-10,772.50	7,784.57	7,613.92	170.65	45.618		
8,500.00	6,840.00	6,713.00	6,713.00	79.97	116.20	-90.00	1,027.49	-10,772.50	7,685.56	7,514.54	171.02	44.939		
8,600.00	6,840.00	6,713.00	6,713.00	82.03	116.20	-90.00	1,027.49	-10,772.50	7,586.58	7,415.17	171.41	44.260		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 27-T4N-R65W - ABND VERT DUPER 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	84.12	116.20	-90.00	1,027.49	-10,772.50	7,487.63	7,315.82	171.81	43.582		
8,800.00	6,840.00	6,713.00	6,713.00	86.25	116.20	-90.00	1,027.49	-10,772.50	7,388.70	7,216.49	172.22	42.903		
8,900.00	6,840.00	6,713.00	6,713.00	88.41	116.20	-90.00	1,027.49	-10,772.50	7,289.81	7,117.17	172.64	42.225		
9,000.00	6,840.00	6,713.00	6,713.00	90.60	116.20	-90.00	1,027.49	-10,772.50	7,190.94	7,017.87	173.08	41.548		
9,100.00	6,840.00	6,713.00	6,713.00	92.82	116.20	-90.00	1,027.49	-10,772.50	7,092.11	6,918.58	173.53	40.870		
9,200.00	6,840.00	6,713.00	6,713.00	95.07	116.20	-90.00	1,027.49	-10,772.50	6,993.31	6,819.32	173.99	40.193		
9,300.00	6,840.00	6,713.00	6,713.00	97.34	116.20	-90.00	1,027.49	-10,772.50	6,894.55	6,720.07	174.47	39.516		
9,400.00	6,840.00	6,713.00	6,713.00	99.64	116.20	-90.00	1,027.49	-10,772.50	6,795.82	6,620.85	174.97	38.840		
9,500.00	6,840.00	6,713.00	6,713.00	101.95	116.20	-90.00	1,027.49	-10,772.50	6,697.13	6,521.64	175.48	38.164		
9,600.00	6,840.00	6,713.00	6,713.00	104.29	116.20	-90.00	1,027.49	-10,772.50	6,598.48	6,422.46	176.01	37.488		
9,700.00	6,840.00	6,713.00	6,713.00	106.64	116.20	-90.00	1,027.49	-10,772.50	6,499.87	6,323.30	176.56	36.813		
9,800.00	6,840.00	6,713.00	6,713.00	109.02	116.20	-90.00	1,027.49	-10,772.50	6,401.30	6,224.17	177.13	36.139		
9,900.00	6,840.00	6,713.00	6,713.00	111.41	116.20	-90.00	1,027.49	-10,772.50	6,302.78	6,125.06	177.72	35.465		
10,000.00	6,840.00	6,713.00	6,713.00	113.81	116.20	-90.00	1,027.49	-10,772.50	6,204.30	6,025.98	178.33	34.792		
10,100.00	6,840.00	6,713.00	6,713.00	116.23	116.20	-90.00	1,027.49	-10,772.50	6,105.88	5,926.92	178.96	34.120		
10,200.00	6,840.00	6,713.00	6,713.00	118.67	116.20	-90.00	1,027.49	-10,772.50	6,007.50	5,827.90	179.61	33.448		
10,300.00	6,840.00	6,713.00	6,713.00	121.11	116.20	-90.00	1,027.49	-10,772.50	5,909.19	5,728.90	180.29	32.777		
10,400.00	6,840.00	6,713.00	6,713.00	123.57	116.20	-90.00	1,027.49	-10,772.50	5,810.92	5,629.94	180.99	32.107		
10,500.00	6,840.00	6,713.00	6,713.00	126.04	116.20	-90.00	1,027.49	-10,772.50	5,712.72	5,531.01	181.72	31.438		
10,600.00	6,840.00	6,713.00	6,713.00	128.52	116.20	-90.00	1,027.49	-10,772.50	5,614.59	5,432.11	182.47	30.769		
10,700.00	6,840.00	6,713.00	6,713.00	131.01	116.20	-90.00	1,027.49	-10,772.50	5,516.52	5,333.26	183.26	30.102		
10,800.00	6,840.00	6,713.00	6,713.00	133.51	116.20	-90.00	1,027.49	-10,772.50	5,418.52	5,234.44	184.08	29.436		
10,900.00	6,840.00	6,713.00	6,713.00	136.02	116.20	-90.00	1,027.49	-10,772.50	5,320.59	5,135.67	184.93	28.771		
11,000.00	6,840.00	6,713.00	6,713.00	138.53	116.20	-90.00	1,027.49	-10,772.50	5,222.75	5,036.93	185.81	28.108		
11,100.00	6,840.00	6,713.00	6,713.00	141.06	116.20	-90.00	1,027.49	-10,772.50	5,124.98	4,938.25	186.73	27.446		
11,200.00	6,840.00	6,713.00	6,713.00	143.59	116.20	-90.00	1,027.49	-10,772.50	5,027.31	4,839.61	187.69	26.785		
11,300.00	6,840.00	6,713.00	6,713.00	146.13	116.20	-90.00	1,027.49	-10,772.50	4,929.72	4,741.03	188.69	26.126		
11,400.00	6,840.00	6,713.00	6,713.00	148.68	116.20	-90.00	1,027.49	-10,772.50	4,832.24	4,642.50	189.74	25.468		
11,500.00	6,840.00	6,713.00	6,713.00	151.23	116.20	-90.00	1,027.49	-10,772.50	4,734.86	4,544.04	190.83	24.813		
11,600.00	6,840.00	6,713.00	6,713.00	153.79	116.20	-90.00	1,027.49	-10,772.50	4,637.59	4,445.63	191.96	24.159		
11,700.00	6,840.00	6,713.00	6,713.00	156.35	116.20	-90.00	1,027.49	-10,772.50	4,540.45	4,347.29	193.15	23.507		
11,800.00	6,840.00	6,713.00	6,713.00	158.92	116.20	-90.00	1,027.49	-10,772.50	4,443.42	4,249.03	194.40	22.857		
11,900.00	6,840.00	6,713.00	6,713.00	161.49	116.20	-90.00	1,027.49	-10,772.50	4,346.54	4,150.84	195.70	22.210		
12,000.00	6,840.00	6,713.00	6,713.00	164.07	116.20	-90.00	1,027.49	-10,772.50	4,249.80	4,052.73	197.07	21.565		
12,100.00	6,840.00	6,713.00	6,713.00	166.66	116.20	-90.00	1,027.49	-10,772.50	4,153.21	3,954.71	198.50	20.923		
12,200.00	6,840.00	6,713.00	6,713.00	169.25	116.20	-90.00	1,027.49	-10,772.50	4,056.78	3,856.78	200.00	20.284		
12,300.00	6,840.00	6,713.00	6,713.00	171.84	116.20	-90.00	1,027.49	-10,772.50	3,960.54	3,758.96	201.58	19.648		
12,400.00	6,840.00	6,713.00	6,713.00	174.44	116.20	-90.00	1,027.49	-10,772.50	3,864.48	3,661.25	203.24	19.015		
12,500.00	6,840.00	6,713.00	6,713.00	177.04	116.20	-90.00	1,027.49	-10,772.50	3,768.64	3,563.65	204.98	18.385		
12,600.00	6,840.00	6,713.00	6,713.00	179.64	116.20	-90.00	1,027.49	-10,772.50	3,673.01	3,466.18	206.82	17.759		
12,700.00	6,840.00	6,713.00	6,713.00	182.25	116.20	-90.00	1,027.49	-10,772.50	3,577.62	3,368.86	208.76	17.137		
12,800.00	6,840.00	6,713.00	6,713.00	184.86	116.20	-90.00	1,027.49	-10,772.50	3,482.49	3,271.68	210.81	16.520		
12,900.00	6,840.00	6,713.00	6,713.00	187.47	116.20	-90.00	1,027.49	-10,772.50	3,387.64	3,174.67	212.97	15.907		
13,000.00	6,840.00	6,713.00	6,713.00	190.09	116.20	-90.00	1,027.49	-10,772.50	3,293.09	3,077.84	215.26	15.299		
13,100.00	6,840.00	6,713.00	6,713.00	192.71	116.20	-90.00	1,027.49	-10,772.50	3,198.88	2,981.20	217.67	14.696		
13,200.00	6,840.00	6,713.00	6,713.00	195.34	116.20	-90.00	1,027.49	-10,772.50	3,105.03	2,884.79	220.24	14.098		
13,300.00	6,840.00	6,713.00	6,713.00	197.96	116.20	-90.00	1,027.49	-10,772.50	3,011.57	2,788.61	222.96	13.507		
13,400.00	6,840.00	6,713.00	6,713.00	200.59	116.20	-90.00	1,027.49	-10,772.50	2,918.55	2,692.70	225.85	12.923		
13,500.00	6,840.00	6,713.00	6,713.00	203.22	116.20	-90.00	1,027.49	-10,772.50	2,826.01	2,597.08	228.92	12.345		
13,600.00	6,840.00	6,713.00	6,713.00	205.85	116.20	-90.00	1,027.49	-10,772.50	2,733.99	2,501.80	232.19	11.775		
13,700.00	6,840.00	6,713.00	6,713.00	208.49	116.20	-90.00	1,027.49	-10,772.50	2,642.55	2,406.87	235.67	11.213		
13,800.00	6,840.00	6,713.00	6,713.00	211.13	116.20	-90.00	1,027.49	-10,772.50	2,551.75	2,312.36	239.39	10.659		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	213.77	116.20	-90.00	1,027.49	-10,772.50	2,461.66	2,218.30	243.36	10.115		
14,000.00	6,840.00	6,713.00	6,713.00	216.41	116.20	-90.00	1,027.49	-10,772.50	2,372.37	2,124.77	247.60	9.581		
14,100.00	6,840.00	6,713.00	6,713.00	219.06	116.20	-90.00	1,027.49	-10,772.50	2,283.97	2,031.83	252.14	9.058		
14,200.00	6,840.00	6,713.00	6,713.00	221.70	116.20	-90.00	1,027.49	-10,772.50	2,196.56	1,939.57	256.99	8.547		
14,300.00	6,840.00	6,713.00	6,713.00	224.35	116.20	-90.00	1,027.49	-10,772.50	2,110.28	1,848.09	262.19	8.049		
14,400.00	6,840.00	6,713.00	6,713.00	227.00	116.20	-90.00	1,027.49	-10,772.50	2,025.25	1,757.49	267.76	7.564		
14,500.00	6,840.00	6,713.00	6,713.00	229.65	116.20	-90.00	1,027.49	-10,772.50	1,941.65	1,667.93	273.72	7.094		
14,600.00	6,840.00	6,713.00	6,713.00	232.30	116.20	-90.00	1,027.49	-10,772.50	1,859.67	1,579.58	280.09	6.640		
14,700.00	6,840.00	6,713.00	6,713.00	234.96	116.20	-90.00	1,027.49	-10,772.50	1,779.53	1,492.64	286.90	6.203		
14,800.00	6,840.00	6,713.00	6,713.00	237.61	116.20	-90.00	1,027.49	-10,772.50	1,701.50	1,407.35	294.15	5.784		
14,900.00	6,840.00	6,713.00	6,713.00	240.27	116.20	-90.00	1,027.49	-10,772.50	1,625.88	1,324.02	301.86	5.386		
15,000.00	6,840.00	6,713.00	6,713.00	242.93	116.20	-90.00	1,027.49	-10,772.50	1,553.01	1,243.02	310.00	5.010		
15,100.00	6,840.00	6,713.00	6,713.00	245.59	116.20	-90.00	1,027.49	-10,772.50	1,483.31	1,164.78	318.54	4.657		
15,200.00	6,840.00	6,713.00	6,713.00	248.25	116.20	-90.00	1,027.49	-10,772.50	1,417.25	1,089.84	327.41	4.329		
15,300.00	6,840.00	6,713.00	6,713.00	250.92	116.20	-90.00	1,027.49	-10,772.50	1,355.35	1,018.85	336.50	4.028		
15,400.00	6,840.00	6,713.00	6,713.00	253.58	116.20	-90.00	1,027.49	-10,772.50	1,298.20	952.55	345.65	3.756		
15,500.00	6,840.00	6,713.00	6,713.00	256.25	116.20	-90.00	1,027.49	-10,772.50	1,246.47	891.82	354.65	3.515		
15,600.00	6,840.00	6,713.00	6,713.00	258.91	116.20	-90.00	1,027.49	-10,772.50	1,200.86	837.66	363.20	3.306		
15,700.00	6,840.00	6,713.00	6,713.00	261.58	116.20	-90.00	1,027.49	-10,772.50	1,162.08	791.12	370.97	3.133		
15,800.00	6,840.00	6,713.00	6,713.00	264.25	116.20	-90.00	1,027.49	-10,772.50	1,130.84	753.29	377.55	2.995		
15,900.00	6,840.00	6,713.00	6,713.00	266.92	116.20	-90.00	1,027.49	-10,772.50	1,107.78	725.20	382.58	2.896		
16,000.00	6,840.00	6,713.00	6,713.00	269.59	116.20	-90.00	1,027.49	-10,772.50	1,093.41	707.70	385.72	2.835		
16,100.00	6,840.00	6,713.00	6,713.00	272.26	116.20	-90.00	1,027.49	-10,772.50	1,088.08	701.37	386.71	2.814 SF		
16,108.15	6,840.00	6,713.00	6,713.00	272.48	116.20	-90.00	1,027.49	-10,772.50	1,088.05	701.35	386.70	2.814 CC, ES		
16,200.00	6,840.00	6,713.00	6,713.00	274.94	116.20	-90.00	1,027.49	-10,772.50	1,091.92	706.43	385.49	2.833		
16,300.00	6,840.00	6,713.00	6,713.00	277.61	116.20	-90.00	1,027.49	-10,772.50	1,104.83	722.71	382.12	2.891		
16,400.00	6,840.00	6,713.00	6,713.00	280.28	116.20	-90.00	1,027.49	-10,772.50	1,126.51	749.68	376.83	2.989		
16,500.00	6,840.00	6,713.00	6,713.00	282.96	116.20	-90.00	1,027.49	-10,772.50	1,156.46	786.49	369.97	3.126		
16,600.00	6,840.00	6,713.00	6,713.00	285.64	116.20	-90.00	1,027.49	-10,772.50	1,194.05	832.14	361.91	3.299		
16,700.00	6,840.00	6,713.00	6,713.00	288.31	116.20	-90.00	1,027.49	-10,772.50	1,238.60	885.55	353.06	3.508		
16,800.00	6,840.00	6,713.00	6,713.00	290.99	116.20	-90.00	1,027.49	-10,772.50	1,289.38	945.63	343.76	3.751		
16,900.00	6,840.00	6,713.00	6,713.00	293.67	116.20	-90.00	1,027.49	-10,772.50	1,345.69	1,011.38	334.30	4.025		
17,000.00	6,840.00	6,713.00	6,713.00	296.35	116.20	-90.00	1,027.49	-10,772.50	1,406.86	1,081.93	324.93	4.330		
17,100.00	6,840.00	6,713.00	6,713.00	299.03	116.20	-90.00	1,027.49	-10,772.50	1,472.28	1,156.49	315.79	4.662		
17,200.00	6,840.00	6,713.00	6,713.00	301.71	116.20	-90.00	1,027.49	-10,772.50	1,541.42	1,234.41	307.02	5.021		
17,300.00	6,840.00	6,713.00	6,713.00	304.39	116.20	-90.00	1,027.49	-10,772.50	1,613.80	1,315.14	298.66	5.403		
17,400.00	6,840.00	6,713.00	6,713.00	307.08	116.20	-90.00	1,027.49	-10,772.50	1,689.00	1,398.23	290.77	5.809		
17,500.00	6,840.00	6,713.00	6,713.00	309.76	116.20	-90.00	1,027.49	-10,772.50	1,766.66	1,483.32	283.35	6.235		
17,600.00	6,840.00	6,713.00	6,713.00	312.44	116.20	-90.00	1,027.49	-10,772.50	1,846.47	1,570.08	276.40	6.681		
17,700.00	6,840.00	6,713.00	6,713.00	315.13	116.20	-90.00	1,027.49	-10,772.50	1,928.17	1,658.26	269.91	7.144		
17,800.00	6,840.00	6,713.00	6,713.00	317.81	116.20	-90.00	1,027.49	-10,772.50	2,011.52	1,747.67	263.85	7.624		
17,900.00	6,840.00	6,713.00	6,713.00	320.50	116.20	-90.00	1,027.49	-10,772.50	2,096.32	1,838.12	258.21	8.119		
18,000.00	6,840.00	6,713.00	6,713.00	323.19	116.20	-90.00	1,027.49	-10,772.50	2,182.42	1,929.46	252.95	8.628		
18,100.00	6,840.00	6,713.00	6,713.00	325.87	116.20	-90.00	1,027.49	-10,772.50	2,269.65	2,021.59	248.06	9.150		
18,200.00	6,840.00	6,713.00	6,713.00	328.56	116.20	-90.00	1,027.49	-10,772.50	2,357.90	2,114.40	243.49	9.684		
18,300.00	6,840.00	6,713.00	6,713.00	331.25	116.20	-90.00	1,027.49	-10,772.50	2,447.05	2,207.81	239.24	10.228		
18,400.00	6,840.00	6,713.00	6,713.00	333.94	116.20	-90.00	1,027.49	-10,772.50	2,537.01	2,301.73	235.28	10.783		
18,500.00	6,840.00	6,713.00	6,713.00	336.63	116.20	-90.00	1,027.49	-10,772.50	2,627.70	2,396.12	231.57	11.347		
18,600.00	6,840.00	6,713.00	6,713.00	339.32	116.20	-90.00	1,027.49	-10,772.50	2,719.04	2,490.92	228.11	11.920		
18,700.00	6,840.00	6,713.00	6,713.00	342.01	116.20	-90.00	1,027.49	-10,772.50	2,810.97	2,586.09	224.88	12.500		
18,800.00	6,840.00	6,713.00	6,713.00	344.70	116.20	-90.00	1,027.49	-10,772.50	2,903.43	2,681.58	221.85	13.087		
18,900.00	6,840.00	6,713.00	6,713.00	347.39	116.20	-90.00	1,027.49	-10,772.50	2,996.38	2,777.36	219.01	13.681		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	350.08	116.20	-90.00	1,027.49	-10,772.50	3,089.76	2,873.41	216.35	14.281	
19,100.00	6,840.00	6,713.00	6,713.00	352.77	116.20	-90.00	1,027.49	-10,772.50	3,183.55	2,969.70	213.86	14.886	
19,200.00	6,840.00	6,713.00	6,713.00	355.46	116.20	-90.00	1,027.49	-10,772.50	3,277.71	3,066.20	211.51	15.497	
19,300.00	6,840.00	6,713.00	6,713.00	358.16	116.20	-90.00	1,027.49	-10,772.50	3,372.20	3,162.90	209.30	16.111	
19,400.00	6,840.00	6,713.00	6,713.00	360.85	116.20	-90.00	1,027.49	-10,772.50	3,467.00	3,259.77	207.23	16.730	
19,500.00	6,840.00	6,713.00	6,713.00	363.54	116.20	-90.00	1,027.49	-10,772.50	3,562.09	3,356.81	205.28	17.353	
19,600.00	6,840.00	6,713.00	6,713.00	366.24	116.20	-90.00	1,027.49	-10,772.50	3,657.44	3,454.01	203.43	17.979	
19,700.00	6,840.00	6,713.00	6,713.00	368.93	116.20	-90.00	1,027.49	-10,772.50	3,753.03	3,551.33	201.70	18.607	
19,800.00	6,840.00	6,713.00	6,713.00	371.63	116.20	-90.00	1,027.49	-10,772.50	3,848.84	3,648.79	200.06	19.239	
19,900.00	6,840.00	6,713.00	6,713.00	374.32	116.20	-90.00	1,027.49	-10,772.50	3,944.87	3,746.36	198.51	19.873	
20,000.00	6,840.00	6,713.00	6,713.00	377.02	116.20	-90.00	1,027.49	-10,772.50	4,041.08	3,844.04	197.04	20.509	
20,100.00	6,840.00	6,713.00	6,713.00	379.71	116.20	-90.00	1,027.49	-10,772.50	4,137.48	3,941.82	195.66	21.147	
20,200.00	6,840.00	6,713.00	6,713.00	382.41	116.20	-90.00	1,027.49	-10,772.50	4,234.04	4,039.69	194.35	21.786	
20,300.00	6,840.00	6,713.00	6,713.00	385.11	116.20	-90.00	1,027.49	-10,772.50	4,330.76	4,137.65	193.10	22.427	
20,400.00	6,840.00	6,713.00	6,713.00	387.80	116.20	-90.00	1,027.49	-10,772.50	4,427.62	4,235.69	191.93	23.069	
20,500.00	6,840.00	6,713.00	6,713.00	390.50	116.20	-90.00	1,027.49	-10,772.50	4,524.62	4,333.81	190.81	23.712	
20,600.00	6,840.00	6,713.00	6,713.00	393.20	116.20	-90.00	1,027.49	-10,772.50	4,621.75	4,431.99	189.75	24.356	
20,691.67	6,840.00	6,713.00	6,713.00	395.67	116.20	-90.00	1,027.49	-10,772.50	4,710.89	4,522.06	188.83	24.947	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
8,800.00	6,840.00	6,729.26	6,728.56	86.25	1.90	-90.03	1,034.86	-13,386.03	9,981.61	9,925.89	55.72	179.136		
8,900.00	6,840.00	6,729.27	6,728.57	88.41	1.90	-90.03	1,034.86	-13,386.03	9,882.22	9,826.21	56.01	176.426		
9,000.00	6,840.00	6,729.28	6,728.58	90.60	1.90	-90.03	1,034.86	-13,386.03	9,782.84	9,726.52	56.31	173.723		
9,100.00	6,840.00	6,729.29	6,728.59	92.82	1.90	-90.03	1,034.86	-13,386.03	9,683.47	9,626.85	56.62	171.027		
9,200.00	6,840.00	6,729.30	6,728.59	95.07	1.90	-90.03	1,034.86	-13,386.03	9,584.11	9,527.18	56.93	168.338		
9,300.00	6,840.00	6,729.31	6,728.60	97.34	1.90	-90.03	1,034.86	-13,386.03	9,484.77	9,427.52	57.26	165.657		
9,400.00	6,840.00	6,729.32	6,728.61	99.64	1.90	-90.03	1,034.86	-13,386.03	9,385.44	9,327.86	57.59	162.984		
9,500.00	6,840.00	6,729.33	6,728.62	101.95	1.90	-90.03	1,034.86	-13,386.03	9,286.13	9,228.21	57.92	160.318		
9,600.00	6,840.00	6,729.34	6,728.63	104.29	1.90	-90.03	1,034.86	-13,386.03	9,186.83	9,128.56	58.27	157.661		
9,700.00	6,840.00	6,729.35	6,728.64	106.64	1.90	-90.03	1,034.86	-13,386.03	9,087.55	9,028.92	58.62	155.013		
9,800.00	6,840.00	6,729.35	6,728.65	109.02	1.90	-90.03	1,034.86	-13,386.03	8,988.28	8,929.29	58.99	152.373		
9,900.00	6,840.00	6,729.36	6,728.66	111.41	1.90	-90.03	1,034.86	-13,386.03	8,889.03	8,829.67	59.36	149.743		
10,000.00	6,840.00	6,729.37	6,728.66	113.81	1.90	-90.03	1,034.86	-13,386.03	8,789.80	8,730.05	59.74	147.122		
10,100.00	6,840.00	6,729.38	6,728.67	116.23	1.90	-90.04	1,034.86	-13,386.03	8,690.58	8,630.44	60.14	144.511		
10,200.00	6,840.00	6,729.39	6,728.68	118.67	1.90	-90.04	1,034.86	-13,386.03	8,591.38	8,530.84	60.54	141.910		
10,300.00	6,840.00	6,729.40	6,728.69	121.11	1.90	-90.04	1,034.86	-13,386.03	8,492.20	8,431.25	60.95	139.320		
10,400.00	6,840.00	6,729.40	6,728.70	123.57	1.90	-90.04	1,034.86	-13,386.03	8,393.04	8,331.66	61.38	136.740		
10,500.00	6,840.00	6,729.41	6,728.71	126.04	1.90	-90.04	1,034.86	-13,386.03	8,293.90	8,232.09	61.82	134.171		
10,600.00	6,840.00	6,729.42	6,728.71	128.52	1.90	-90.04	1,034.86	-13,386.03	8,194.79	8,132.52	62.26	131.613		
10,700.00	6,840.00	6,729.43	6,728.72	131.01	1.90	-90.04	1,034.86	-13,386.03	8,095.69	8,032.96	62.72	129.067		
10,800.00	6,840.00	6,729.44	6,728.73	133.51	1.90	-90.04	1,034.86	-13,386.03	7,996.61	7,933.42	63.20	126.533		
10,900.00	6,840.00	6,729.44	6,728.74	136.02	1.90	-90.04	1,034.86	-13,386.03	7,897.56	7,833.88	63.68	124.012		
11,000.00	6,840.00	6,729.45	6,728.74	138.53	1.90	-90.04	1,034.86	-13,386.03	7,798.54	7,734.35	64.18	121.503		
11,100.00	6,840.00	6,729.46	6,728.75	141.06	1.90	-90.04	1,034.86	-13,386.03	7,699.53	7,634.84	64.70	119.007		
11,200.00	6,840.00	6,729.47	6,728.76	143.59	1.90	-90.04	1,034.86	-13,386.03	7,600.56	7,535.33	65.23	116.524		
11,300.00	6,840.00	6,729.47	6,728.77	146.13	1.90	-90.04	1,034.86	-13,386.03	7,501.61	7,435.84	65.77	114.055		
11,400.00	6,840.00	6,729.48	6,728.77	148.68	1.90	-90.04	1,034.86	-13,386.03	7,402.69	7,336.36	66.33	111.600		
11,500.00	6,840.00	6,729.49	6,728.78	151.23	1.90	-90.04	1,034.86	-13,386.03	7,303.80	7,236.89	66.91	109.159		
11,600.00	6,840.00	6,729.50	6,728.79	153.79	1.90	-90.04	1,034.86	-13,386.03	7,204.94	7,137.43	67.50	106.733		
11,700.00	6,840.00	6,729.50	6,728.80	156.35	1.90	-90.04	1,034.86	-13,386.03	7,106.11	7,037.99	68.12	104.323		
11,800.00	6,840.00	6,729.51	6,728.80	158.92	1.90	-90.04	1,034.86	-13,386.03	7,007.32	6,938.57	68.75	101.927		
11,900.00	6,840.00	6,729.52	6,728.81	161.49	1.90	-90.04	1,034.86	-13,386.03	6,908.55	6,839.16	69.40	99.548		
12,000.00	6,840.00	6,729.52	6,728.82	164.07	1.90	-90.04	1,034.86	-13,386.03	6,809.83	6,739.76	70.07	97.185		
12,100.00	6,840.00	6,729.53	6,728.82	166.66	1.90	-90.04	1,034.86	-13,386.03	6,711.14	6,640.38	70.76	94.839		
12,200.00	6,840.00	6,729.54	6,728.83	169.25	1.90	-90.04	1,034.86	-13,386.03	6,612.50	6,541.02	71.48	92.509		
12,300.00	6,840.00	6,729.54	6,728.84	171.84	1.90	-90.04	1,034.86	-13,386.03	6,513.89	6,441.67	72.22	90.198		
12,400.00	6,840.00	6,729.55	6,728.84	174.44	1.90	-90.04	1,034.86	-13,386.03	6,415.33	6,342.35	72.98	87.904		
12,500.00	6,840.00	6,729.56	6,728.85	177.04	1.90	-90.04	1,034.86	-13,386.03	6,316.81	6,243.04	73.77	85.628		
12,600.00	6,840.00	6,729.56	6,728.86	179.64	1.90	-90.04	1,034.86	-13,386.03	6,218.34	6,143.76	74.59	83.372		
12,700.00	6,840.00	6,729.57	6,728.86	182.25	1.90	-90.05	1,034.86	-13,386.03	6,119.92	6,044.49	75.43	81.134		
12,800.00	6,840.00	6,729.58	6,728.87	184.86	1.90	-90.05	1,034.86	-13,386.03	6,021.55	5,945.25	76.30	78.917		
12,900.00	6,840.00	6,729.58	6,728.88	187.47	1.90	-90.05	1,034.86	-13,386.03	5,923.24	5,846.03	77.21	76.719		
13,000.00	6,840.00	6,729.59	6,728.88	190.09	1.90	-90.05	1,034.86	-13,386.03	5,824.98	5,746.84	78.14	74.542		
13,100.00	6,840.00	6,729.60	6,728.89	192.71	1.90	-90.05	1,034.86	-13,386.03	5,726.79	5,647.67	79.11	72.386		
13,200.00	6,840.00	6,729.60	6,728.90	195.34	1.90	-90.05	1,034.86	-13,386.03	5,628.65	5,548.53	80.12	70.252		
13,300.00	6,840.00	6,729.61	6,728.90	197.96	1.90	-90.05	1,034.86	-13,386.03	5,530.59	5,449.42	81.17	68.140		
13,400.00	6,840.00	6,729.62	6,728.91	200.59	1.90	-90.05	1,034.86	-13,386.03	5,432.59	5,350.34	82.25	66.050		
13,500.00	6,840.00	6,729.62	6,728.91	203.22	1.90	-90.05	1,034.86	-13,386.03	5,334.67	5,251.30	83.38	63.983		
13,600.00	6,840.00	6,729.63	6,728.92	205.85	1.90	-90.05	1,034.86	-13,386.03	5,236.83	5,152.28	84.55	61.940		
13,700.00	6,840.00	6,729.63	6,728.93	208.49	1.90	-90.05	1,034.86	-13,386.03	5,139.07	5,053.31	85.76	59.921		
13,800.00	6,840.00	6,729.64	6,728.93	211.13	1.90	-90.05	1,034.86	-13,386.03	5,041.40	4,954.37	87.03	57.927		
13,900.00	6,840.00	6,729.65	6,728.94	213.77	1.90	-90.05	1,034.86	-13,386.03	4,943.82	4,855.47	88.35	55.958		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,000.00	6,840.00	6,729.65	6,728.94	216.41	1.90	-90.05	1,034.86	-13,386.03	4,846.34	4,756.62	89.72	54.015		
14,100.00	6,840.00	6,729.66	6,728.95	219.06	1.90	-90.05	1,034.86	-13,386.03	4,748.97	4,657.81	91.15	52.098		
14,200.00	6,840.00	6,729.66	6,728.96	221.70	1.90	-90.05	1,034.86	-13,386.03	4,651.71	4,559.06	92.65	50.208		
14,300.00	6,840.00	6,729.67	6,728.96	224.35	1.90	-90.05	1,034.86	-13,386.03	4,554.56	4,460.35	94.21	48.345		
14,400.00	6,840.00	6,729.67	6,728.97	227.00	1.90	-90.05	1,034.86	-13,386.03	4,457.54	4,361.70	95.84	46.510		
14,500.00	6,840.00	6,729.68	6,728.97	229.65	1.90	-90.05	1,034.86	-13,386.03	4,360.66	4,263.12	97.54	44.704		
14,600.00	6,840.00	6,729.69	6,728.98	232.30	1.90	-90.05	1,034.86	-13,386.03	4,263.92	4,164.59	99.33	42.928		
14,700.00	6,840.00	6,729.69	6,728.98	234.96	1.90	-90.05	1,034.86	-13,386.03	4,167.34	4,066.14	101.20	41.181		
14,800.00	6,840.00	6,729.70	6,728.99	237.61	1.90	-90.05	1,034.86	-13,386.03	4,070.91	3,967.76	103.15	39.464		
14,900.00	6,840.00	6,729.70	6,729.00	240.27	1.90	-90.05	1,034.86	-13,386.03	3,974.67	3,869.46	105.21	37.779		
15,000.00	6,840.00	6,729.71	6,729.00	242.93	1.90	-90.05	1,034.86	-13,386.03	3,878.62	3,771.25	107.36	36.126		
15,100.00	6,840.00	6,729.71	6,729.01	245.59	1.90	-90.05	1,034.86	-13,386.03	3,782.77	3,673.14	109.63	34.504		
15,200.00	6,840.00	6,729.72	6,729.01	248.25	1.90	-90.05	1,034.86	-13,386.03	3,687.14	3,575.12	112.02	32.916		
15,300.00	6,840.00	6,729.72	6,729.02	250.92	1.90	-90.05	1,034.86	-13,386.03	3,591.75	3,477.22	114.53	31.361		
15,400.00	6,840.00	6,729.73	6,729.02	253.58	1.90	-90.05	1,034.86	-13,386.03	3,496.62	3,379.44	117.17	29.841		
15,500.00	6,840.00	6,729.73	6,729.03	256.25	1.90	-90.05	1,034.86	-13,386.03	3,401.76	3,281.80	119.97	28.356		
15,600.00	6,840.00	6,729.74	6,729.03	258.91	1.90	-90.05	1,034.86	-13,386.03	3,307.21	3,184.30	122.92	26.906		
15,700.00	6,840.00	6,729.74	6,729.04	261.58	1.90	-90.05	1,034.86	-13,386.03	3,212.99	3,086.96	126.03	25.493		
15,800.00	6,840.00	6,729.75	6,729.04	264.25	1.90	-90.05	1,034.86	-13,386.03	3,119.13	2,989.79	129.34	24.116		
15,900.00	6,840.00	6,729.75	6,729.05	266.92	1.90	-90.05	1,034.86	-13,386.03	3,025.66	2,892.83	132.83	22.778		
16,000.00	6,840.00	6,729.76	6,729.05	269.59	1.90	-90.06	1,034.86	-13,386.03	2,932.63	2,796.08	136.55	21.477		
16,100.00	6,840.00	6,729.76	6,729.06	272.26	1.90	-90.06	1,034.86	-13,386.03	2,840.06	2,699.58	140.49	20.216		
16,200.00	6,840.00	6,729.77	6,729.06	274.94	1.90	-90.06	1,034.86	-13,386.03	2,748.02	2,603.35	144.68	18.994		
16,300.00	6,840.00	6,729.77	6,729.07	277.61	1.90	-90.06	1,034.86	-13,386.03	2,656.56	2,507.42	149.14	17.813		
16,400.00	6,840.00	6,729.78	6,729.07	280.28	1.90	-90.06	1,034.86	-13,386.03	2,565.73	2,411.84	153.89	16.673		
16,500.00	6,840.00	6,729.78	6,729.08	282.96	1.90	-90.06	1,034.86	-13,386.03	2,475.60	2,316.65	158.96	15.574		
16,600.00	6,840.00	6,729.79	6,729.08	285.64	1.90	-90.06	1,034.86	-13,386.03	2,386.27	2,221.90	164.37	14.518		
16,700.00	6,840.00	6,729.79	6,729.09	288.31	1.90	-90.06	1,034.86	-13,386.03	2,297.81	2,127.66	170.15	13.505		
16,800.00	6,840.00	6,729.80	6,729.09	290.99	1.90	-90.06	1,034.86	-13,386.03	2,210.34	2,034.01	176.33	12.535		
16,900.00	6,840.00	6,729.80	6,729.10	293.67	1.90	-90.06	1,034.86	-13,386.03	2,123.97	1,941.03	182.94	11.610		
17,000.00	6,840.00	6,729.81	6,729.10	296.35	1.90	-90.06	1,034.86	-13,386.03	2,038.85	1,848.84	190.02	10.730		
17,100.00	6,840.00	6,729.81	6,729.11	299.03	1.90	-90.06	1,034.86	-13,386.03	1,955.14	1,757.56	197.59	9.895		
17,200.00	6,840.00	6,729.82	6,729.11	301.71	1.90	-90.06	1,034.86	-13,386.03	1,873.03	1,667.36	205.68	9.107		
17,300.00	6,840.00	6,729.82	6,729.11	304.39	1.90	-90.06	1,034.86	-13,386.03	1,792.74	1,578.43	214.31	8.365		
17,400.00	6,840.00	6,729.83	6,729.12	307.08	1.90	-90.06	1,034.86	-13,386.03	1,714.52	1,491.01	223.51	7.671		
17,500.00	6,840.00	6,729.83	6,729.12	309.76	1.90	-90.06	1,034.86	-13,386.03	1,638.67	1,405.40	233.27	7.025		
17,600.00	6,840.00	6,729.84	6,729.13	312.44	1.90	-90.06	1,034.86	-13,386.03	1,565.54	1,321.95	243.59	6.427		
17,700.00	6,840.00	6,729.84	6,729.13	315.13	1.90	-90.06	1,034.86	-13,386.03	1,495.51	1,241.10	254.41	5.878		
17,800.00	6,840.00	6,729.84	6,729.14	317.81	1.90	-90.06	1,034.86	-13,386.03	1,429.07	1,163.40	265.66	5.379		
17,900.00	6,840.00	6,729.85	6,729.14	320.50	1.90	-90.06	1,034.86	-13,386.03	1,366.71	1,089.49	277.21	4.930		
18,000.00	6,840.00	6,729.85	6,729.15	323.19	1.90	-90.06	1,034.86	-13,386.03	1,309.03	1,020.16	288.87	4.532		
18,100.00	6,840.00	6,729.86	6,729.15	325.87	1.90	-90.06	1,034.86	-13,386.03	1,256.67	956.31	300.36	4.184		
18,200.00	6,840.00	6,729.86	6,729.15	328.56	1.90	-90.06	1,034.86	-13,386.03	1,210.32	898.98	311.34	3.887		
18,300.00	6,840.00	6,729.87	6,729.16	331.25	1.90	-90.06	1,034.86	-13,386.03	1,170.70	849.32	321.38	3.643		
18,400.00	6,840.00	6,729.87	6,729.16	333.94	1.90	-90.06	1,034.86	-13,386.03	1,138.51	808.50	330.01	3.450		
18,500.00	6,840.00	6,729.87	6,729.17	336.63	1.90	-90.06	1,034.86	-13,386.03	1,114.39	777.66	336.73	3.309		
18,600.00	6,840.00	6,729.88	6,729.17	339.32	1.90	-90.06	1,034.86	-13,386.03	1,098.88	757.77	341.11	3.222		
18,700.00	6,840.00	6,729.88	6,729.17	342.01	1.90	-90.06	1,034.86	-13,386.03	1,092.33	749.51	342.83	3.186		
18,721.69	6,840.00	6,729.88	6,729.18	342.59	1.90	-90.06	1,034.86	-13,386.03	1,092.12	749.29	342.83	3.186 CC, ES, SF		
18,800.00	6,840.00	6,729.89	6,729.18	344.70	1.90	-90.06	1,034.86	-13,386.03	1,094.92	753.18	341.75	3.204		
18,900.00	6,840.00	6,729.89	6,729.18	347.39	1.90	-90.06	1,034.86	-13,386.03	1,106.58	768.64	337.94	3.275		
19,000.00	6,840.00	6,729.89	6,729.19	350.08	1.90	-90.06	1,034.86	-13,386.03	1,127.02	795.36	331.66	3.398		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,100.00	6,840.00	6,729.90	6,729.19	352.77	1.90	-90.06	1,034.86	-13,386.03	1,155.79	832.47	323.31	3.575	
19,200.00	6,840.00	6,729.90	6,729.19	355.46	1.90	-90.06	1,034.86	-13,386.03	1,192.27	878.89	313.38	3.805	
19,300.00	6,840.00	6,729.91	6,729.20	358.16	1.90	-90.06	1,034.86	-13,386.03	1,235.79	933.42	302.36	4.087	
19,400.00	6,840.00	6,729.91	6,729.20	360.85	1.90	-90.06	1,034.86	-13,386.03	1,285.62	994.92	290.71	4.422	
19,500.00	6,840.00	6,729.91	6,729.21	363.54	1.90	-90.06	1,034.86	-13,386.03	1,341.08	1,062.28	278.80	4.810	
19,600.00	6,840.00	6,729.92	6,729.21	366.24	1.90	-90.06	1,034.86	-13,386.03	1,401.48	1,134.56	266.93	5.250	
19,700.00	6,840.00	6,729.92	6,729.21	368.93	1.90	-90.06	1,034.86	-13,386.03	1,466.23	1,210.90	255.32	5.743	
19,800.00	6,840.00	6,729.93	6,729.22	371.63	1.90	-90.06	1,034.86	-13,386.03	1,534.76	1,290.62	244.14	6.286	
19,900.00	6,840.00	6,729.93	6,729.22	374.32	1.90	-90.06	1,034.86	-13,386.03	1,606.59	1,373.13	233.46	6.882	
20,000.00	6,840.00	6,729.93	6,729.23	377.02	1.90	-90.06	1,034.86	-13,386.03	1,681.31	1,457.96	223.35	7.528	
20,100.00	6,840.00	6,729.94	6,729.23	379.71	1.90	-90.06	1,034.86	-13,386.03	1,758.54	1,544.71	213.83	8.224	
20,200.00	6,840.00	6,729.94	6,729.23	382.41	1.90	-90.06	1,034.86	-13,386.03	1,837.97	1,633.07	204.90	8.970	
20,300.00	6,840.00	6,729.94	6,729.24	385.11	1.90	-90.06	1,034.86	-13,386.03	1,919.32	1,722.79	196.54	9.766	
20,400.00	6,840.00	6,729.95	6,729.24	387.80	1.90	-90.07	1,034.86	-13,386.03	2,002.36	1,813.64	188.72	10.610	
20,500.00	6,840.00	6,729.95	6,729.24	390.50	1.90	-90.07	1,034.86	-13,386.03	2,086.89	1,905.46	181.43	11.502	
20,600.00	6,840.00	6,729.96	6,729.25	393.20	1.90	-90.07	1,034.86	-13,386.03	2,172.74	1,998.10	174.63	12.442	
20,691.67	6,840.00	6,729.96	6,729.25	395.67	1.90	-90.07	1,034.86	-13,386.03	2,252.45	2,083.65	168.80	13.344	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
7,900.00	6,840.00	6,671.90	6,671.49	68.58	1.63	-89.09	-426.38	-12,192.68	9,953.72	9,895.08	58.64	169.730		
8,000.00	6,840.00	6,672.16	6,671.75	70.35	1.63	-89.10	-426.38	-12,192.68	9,857.09	9,797.83	59.26	166.347		
8,100.00	6,840.00	6,672.42	6,672.01	72.18	1.63	-89.10	-426.38	-12,192.68	9,760.52	9,700.64	59.88	162.989		
8,200.00	6,840.00	6,672.69	6,672.27	74.06	1.63	-89.11	-426.38	-12,192.68	9,664.03	9,603.50	60.53	159.658		
8,300.00	6,840.00	6,672.95	6,672.54	75.98	1.63	-89.11	-426.38	-12,192.68	9,567.60	9,506.41	61.19	156.353		
8,400.00	6,840.00	6,673.22	6,672.81	77.96	1.63	-89.12	-426.38	-12,192.68	9,471.25	9,409.38	61.87	153.077		
8,500.00	6,840.00	6,673.49	6,673.08	79.97	1.63	-89.12	-426.38	-12,192.68	9,374.98	9,312.41	62.57	149.829		
8,600.00	6,840.00	6,673.77	6,673.36	82.03	1.63	-89.13	-426.37	-12,192.69	9,278.79	9,215.50	63.29	146.610		
8,700.00	6,840.00	6,674.05	6,673.64	84.12	1.63	-89.14	-426.37	-12,192.69	9,182.67	9,118.65	64.03	143.421		
8,800.00	6,840.00	6,674.33	6,673.92	86.25	1.63	-89.14	-426.37	-12,192.69	9,086.64	9,021.86	64.78	140.263		
8,900.00	6,840.00	6,674.61	6,674.20	88.41	1.63	-89.15	-426.37	-12,192.69	8,990.70	8,925.14	65.56	137.136		
9,000.00	6,840.00	6,674.90	6,674.49	90.60	1.63	-89.16	-426.37	-12,192.69	8,894.85	8,828.49	66.36	134.041		
9,100.00	6,840.00	6,675.19	6,674.78	92.82	1.63	-89.16	-426.37	-12,192.69	8,799.09	8,731.91	67.18	130.979		
9,200.00	6,840.00	6,675.49	6,675.08	95.07	1.63	-89.17	-426.37	-12,192.70	8,703.42	8,635.40	68.02	127.950		
9,300.00	6,840.00	6,675.78	6,675.37	97.34	1.63	-89.18	-426.37	-12,192.70	8,607.85	8,538.96	68.89	124.956		
9,400.00	6,840.00	6,676.09	6,675.67	99.64	1.63	-89.18	-426.37	-12,192.70	8,512.39	8,442.61	69.78	121.995		
9,500.00	6,840.00	6,676.39	6,675.98	101.95	1.63	-89.19	-426.36	-12,192.70	8,417.03	8,346.34	70.69	119.070		
9,600.00	6,840.00	6,676.70	6,676.29	104.29	1.63	-89.20	-426.36	-12,192.70	8,321.77	8,250.15	71.63	116.180		
9,700.00	6,840.00	6,677.01	6,676.60	106.64	1.63	-89.20	-426.36	-12,192.70	8,226.64	8,154.04	72.59	113.326		
9,800.00	6,840.00	6,677.33	6,676.91	109.02	1.63	-89.21	-426.36	-12,192.71	8,131.61	8,058.03	73.58	110.509		
9,900.00	6,840.00	6,677.64	6,677.23	111.41	1.63	-89.22	-426.36	-12,192.71	8,036.71	7,962.11	74.60	107.728		
10,000.00	6,840.00	6,677.97	6,677.56	113.81	1.63	-89.23	-426.36	-12,192.71	7,941.94	7,866.29	75.65	104.985		
10,100.00	6,840.00	6,678.29	6,677.88	116.23	1.63	-89.23	-426.36	-12,192.71	7,847.29	7,770.56	76.72	102.279		
10,200.00	6,840.00	6,678.62	6,678.21	118.67	1.63	-89.24	-426.35	-12,192.71	7,752.78	7,674.95	77.83	99.612		
10,300.00	6,840.00	6,678.96	6,678.55	121.11	1.63	-89.25	-426.35	-12,192.72	7,658.40	7,579.44	78.97	96.982		
10,400.00	6,840.00	6,679.30	6,678.89	123.57	1.63	-89.26	-426.35	-12,192.72	7,564.17	7,484.04	80.14	94.392		
10,500.00	6,840.00	6,679.64	6,679.23	126.04	1.63	-89.26	-426.35	-12,192.72	7,470.10	7,388.76	81.34	91.840		
10,600.00	6,840.00	6,679.99	6,679.58	128.52	1.63	-89.27	-426.35	-12,192.72	7,376.17	7,293.60	82.57	89.328		
10,700.00	6,840.00	6,680.34	6,679.93	131.01	1.63	-89.28	-426.35	-12,192.72	7,282.41	7,198.57	83.85	86.855		
10,800.00	6,840.00	6,680.70	6,680.28	133.51	1.63	-89.29	-426.35	-12,192.73	7,188.82	7,103.67	85.15	84.422		
10,900.00	6,840.00	6,681.06	6,680.65	136.02	1.63	-89.29	-426.34	-12,192.73	7,095.40	7,008.90	86.50	82.029		
11,000.00	6,840.00	6,681.42	6,681.01	138.53	1.63	-89.30	-426.34	-12,192.73	7,002.17	6,914.28	87.88	79.675		
11,100.00	6,840.00	6,681.79	6,681.38	141.06	1.63	-89.31	-426.34	-12,192.73	6,909.12	6,819.81	89.31	77.362		
11,200.00	6,840.00	6,682.17	6,681.75	143.59	1.63	-89.32	-426.34	-12,192.74	6,816.27	6,725.49	90.78	75.090		
11,300.00	6,840.00	6,682.55	6,682.13	146.13	1.63	-89.33	-426.34	-12,192.74	6,723.62	6,631.34	92.28	72.857		
11,400.00	6,840.00	6,682.93	6,682.52	148.68	1.63	-89.34	-426.34	-12,192.74	6,631.19	6,537.35	93.84	70.666		
11,500.00	6,840.00	6,683.32	6,682.91	151.23	1.63	-89.35	-426.34	-12,192.74	6,538.98	6,443.54	95.44	68.514		
11,600.00	6,840.00	6,683.71	6,683.30	153.79	1.63	-89.35	-426.33	-12,192.75	6,447.01	6,349.92	97.09	66.404		
11,700.00	6,840.00	6,684.11	6,683.70	156.35	1.63	-89.36	-426.33	-12,192.75	6,355.27	6,256.49	98.79	64.334		
11,800.00	6,840.00	6,684.52	6,684.11	158.92	1.63	-89.37	-426.33	-12,192.75	6,263.79	6,163.26	100.53	62.305		
11,900.00	6,840.00	6,684.93	6,684.52	161.49	1.63	-89.38	-426.33	-12,192.75	6,172.58	6,070.24	102.34	60.317		
12,000.00	6,840.00	6,685.34	6,684.93	164.07	1.63	-89.39	-426.33	-12,192.76	6,081.64	5,977.44	104.19	58.369		
12,100.00	6,840.00	6,685.77	6,685.35	166.66	1.63	-89.40	-426.33	-12,192.76	5,990.98	5,884.88	106.11	56.462		
12,200.00	6,840.00	6,686.19	6,685.78	169.25	1.63	-89.41	-426.32	-12,192.76	5,900.63	5,792.55	108.08	54.595		
12,300.00	6,840.00	6,686.63	6,686.22	171.84	1.63	-89.42	-426.32	-12,192.77	5,810.60	5,700.49	110.11	52.769		
12,400.00	6,840.00	6,687.07	6,686.65	174.44	1.63	-89.43	-426.32	-12,192.77	5,720.90	5,608.69	112.21	50.984		
12,500.00	6,840.00	6,687.51	6,687.10	177.04	1.63	-89.44	-426.32	-12,192.77	5,631.54	5,517.17	114.37	49.238		
12,600.00	6,840.00	6,687.96	6,687.55	179.64	1.63	-89.45	-426.32	-12,192.77	5,542.55	5,425.94	116.60	47.533		
12,700.00	6,840.00	6,688.42	6,688.01	182.25	1.63	-89.46	-426.31	-12,192.78	5,453.94	5,335.03	118.91	45.868		
12,800.00	6,840.00	6,688.89	6,688.48	184.86	1.63	-89.47	-426.31	-12,192.78	5,365.73	5,244.45	121.28	44.243		
12,900.00	6,840.00	6,689.36	6,688.95	187.47	1.63	-89.48	-426.31	-12,192.78	5,277.93	5,154.21	123.73	42.657		
13,000.00	6,840.00	6,689.84	6,689.42	190.09	1.63	-89.49	-426.31	-12,192.79	5,190.59	5,064.33	126.26	41.111		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													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	6,700.00	6,699.59	192.71	1.63	-89.72	-426.27	-12,192.87	5,103.71	4,974.85	128.86	39.607		
13,200.00	6,840.00	6,700.00	6,699.59	195.34	1.63	-89.72	-426.27	-12,192.87	5,017.32	4,885.76	131.55	38.139		
13,300.00	6,840.00	6,700.00	6,699.59	197.96	1.63	-89.72	-426.27	-12,192.87	4,931.43	4,797.10	134.33	36.711		
13,400.00	6,840.00	6,700.00	6,699.59	200.59	1.63	-89.72	-426.27	-12,192.87	4,846.09	4,708.89	137.20	35.321		
13,500.00	6,840.00	6,700.00	6,699.59	203.22	1.63	-89.72	-426.27	-12,192.87	4,761.32	4,621.16	140.16	33.970		
13,600.00	6,840.00	6,700.00	6,699.59	205.85	1.63	-89.72	-426.27	-12,192.87	4,677.15	4,533.93	143.22	32.657		
13,700.00	6,840.00	6,700.00	6,699.59	208.49	1.63	-89.72	-426.27	-12,192.87	4,593.62	4,447.24	146.37	31.383		
13,800.00	6,840.00	6,700.00	6,699.59	211.13	1.63	-89.72	-426.27	-12,192.87	4,510.75	4,361.12	149.63	30.146		
13,900.00	6,840.00	6,700.00	6,699.59	213.77	1.63	-89.72	-426.27	-12,192.87	4,428.60	4,275.61	152.99	28.947		
14,000.00	6,840.00	6,700.00	6,699.59	216.41	1.63	-89.72	-426.27	-12,192.87	4,347.19	4,190.73	156.46	27.785		
14,100.00	6,840.00	6,700.00	6,699.59	219.06	1.63	-89.72	-426.27	-12,192.87	4,266.57	4,106.53	160.03	26.660		
14,200.00	6,840.00	6,700.00	6,699.59	221.70	1.63	-89.72	-426.27	-12,192.87	4,186.79	4,023.06	163.72	25.572		
14,300.00	6,840.00	6,700.00	6,699.59	224.35	1.63	-89.72	-426.27	-12,192.87	4,107.89	3,940.36	167.52	24.521		
14,400.00	6,840.00	6,700.00	6,699.59	227.00	1.63	-89.72	-426.27	-12,192.87	4,029.93	3,858.48	171.44	23.506		
14,500.00	6,840.00	6,700.00	6,699.59	229.65	1.63	-89.72	-426.27	-12,192.87	3,952.96	3,777.48	175.48	22.527		
14,600.00	6,840.00	6,700.00	6,699.59	232.30	1.63	-89.72	-426.27	-12,192.87	3,877.04	3,697.41	179.64	21.583		
14,700.00	6,840.00	6,700.00	6,699.59	234.96	1.63	-89.72	-426.27	-12,192.87	3,802.24	3,618.33	183.91	20.674		
14,800.00	6,840.00	6,700.00	6,699.59	237.61	1.63	-89.72	-426.27	-12,192.87	3,728.62	3,540.31	188.31	19.801		
14,900.00	6,840.00	6,700.00	6,700.18	240.27	1.63	-89.73	-426.27	-12,192.87	3,656.25	3,463.43	192.82	18.962		
15,000.00	6,840.00	6,701.43	6,701.01	242.93	1.63	-89.75	-426.26	-12,192.88	3,585.21	3,387.76	197.45	18.158		
15,100.00	6,840.00	6,702.25	6,701.83	245.59	1.63	-89.77	-426.26	-12,192.89	3,515.58	3,313.39	202.19	17.387		
15,200.00	6,840.00	6,703.06	6,702.64	248.25	1.63	-89.79	-426.26	-12,192.89	3,447.44	3,240.40	207.05	16.651		
15,300.00	6,840.00	6,703.85	6,703.44	250.92	1.63	-89.81	-426.25	-12,192.90	3,380.89	3,168.89	212.01	15.947		
15,400.00	6,840.00	6,704.64	6,704.23	253.58	1.63	-89.83	-426.25	-12,192.91	3,316.02	3,098.96	217.06	15.277		
15,500.00	6,840.00	6,705.42	6,705.01	256.25	1.63	-89.84	-426.25	-12,192.91	3,252.93	3,030.72	222.21	14.639		
15,600.00	6,840.00	6,706.19	6,705.78	258.91	1.63	-89.86	-426.24	-12,192.92	3,191.73	2,964.30	227.43	14.034		
15,700.00	6,840.00	6,706.95	6,706.54	261.58	1.63	-89.88	-426.24	-12,192.92	3,132.52	2,899.80	232.72	13.461		
15,800.00	6,840.00	6,707.70	6,707.29	264.25	1.63	-89.89	-426.24	-12,192.93	3,075.43	2,837.37	238.05	12.919		
15,900.00	6,840.00	6,708.45	6,708.03	266.92	1.63	-89.91	-426.24	-12,192.94	3,020.56	2,777.14	243.42	12.409		
16,000.00	6,840.00	6,709.18	6,708.77	269.59	1.63	-89.93	-426.23	-12,192.94	2,968.06	2,719.26	248.80	11.929		
16,100.00	6,840.00	6,709.90	6,709.49	272.26	1.63	-89.94	-426.23	-12,192.95	2,918.03	2,663.87	254.16	11.481		
16,200.00	6,840.00	6,710.62	6,710.21	274.94	1.63	-89.96	-426.23	-12,192.95	2,870.62	2,611.13	259.49	11.063		
16,300.00	6,840.00	6,711.33	6,710.91	277.61	1.63	-89.98	-426.23	-12,192.96	2,825.95	2,561.21	264.75	10.674		
16,400.00	6,840.00	6,712.03	6,711.61	280.28	1.63	-89.99	-426.22	-12,192.96	2,784.16	2,514.26	269.91	10.315		
16,500.00	6,840.00	6,712.72	6,712.30	282.96	1.63	-90.01	-426.22	-12,192.97	2,745.38	2,470.45	274.93	9.986		
16,600.00	6,840.00	6,713.40	6,712.99	285.64	1.63	-90.02	-426.22	-12,192.97	2,709.74	2,429.95	279.78	9.685		
16,700.00	6,840.00	6,714.07	6,713.66	288.31	1.63	-90.04	-426.22	-12,192.98	2,677.35	2,392.92	284.43	9.413		
16,800.00	6,840.00	6,714.74	6,714.33	290.99	1.63	-90.05	-426.22	-12,192.98	2,648.35	2,359.52	288.83	9.169		
16,900.00	6,840.00	6,715.40	6,714.99	293.67	1.63	-90.07	-426.21	-12,192.99	2,622.84	2,329.89	292.95	8.953		
17,000.00	6,840.00	6,716.05	6,715.64	296.35	1.63	-90.08	-426.21	-12,192.99	2,600.93	2,304.18	296.75	8.765		
17,100.00	6,840.00	6,716.70	6,716.28	299.03	1.63	-90.10	-426.21	-12,193.00	2,582.71	2,282.51	300.20	8.603		
17,200.00	6,840.00	6,717.34	6,716.92	301.71	1.63	-90.11	-426.21	-12,193.00	2,568.26	2,265.00	303.26	8.469		
17,300.00	6,840.00	6,717.97	6,717.55	304.39	1.63	-90.12	-426.21	-12,193.01	2,557.63	2,251.72	305.91	8.361		
17,400.00	6,840.00	6,718.59	6,718.18	307.08	1.63	-90.14	-426.21	-12,193.01	2,550.89	2,242.76	308.12	8.279		
17,500.00	6,840.00	6,719.21	6,718.79	309.76	1.63	-90.15	-426.20	-12,193.02	2,548.05	2,238.17	309.88	8.223		
17,522.30	6,840.00	6,719.34	6,718.93	310.36	1.63	-90.16	-426.20	-12,193.02	2,547.95	2,237.74	310.21	8.214 CC, ES		
17,600.00	6,840.00	6,719.82	6,719.40	312.44	1.63	-90.17	-426.20	-12,193.02	2,549.14	2,237.96	311.18	8.192		
17,700.00	6,840.00	6,720.42	6,720.01	315.13	1.63	-90.18	-426.20	-12,193.02	2,554.14	2,242.14	312.01	8.186 SF		
17,800.00	6,840.00	6,721.01	6,720.60	317.81	1.63	-90.19	-426.20	-12,193.03	2,563.04	2,250.68	312.37	8.205		
17,900.00	6,840.00	6,721.60	6,721.19	320.50	1.63	-90.21	-426.20	-12,193.03	2,575.80	2,263.53	312.27	8.249		
18,000.00	6,840.00	6,722.19	6,721.78	323.19	1.63	-90.22	-426.20	-12,193.04	2,592.35	2,280.62	311.72	8.316		
18,100.00	6,840.00	6,722.77	6,722.35	325.87	1.63	-90.23	-426.19	-12,193.04	2,612.62	2,301.87	310.75	8.407		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
18,200.00	6,840.00	6,723.34	6,722.92	328.56	1.63	-90.25	-426.19	-12,193.04	2,636.54	2,327.16	309.38	8.522		
18,300.00	6,840.00	6,723.90	6,723.49	331.25	1.63	-90.26	-426.19	-12,193.05	2,663.99	2,356.36	307.63	8.660		
18,400.00	6,840.00	6,724.46	6,724.05	333.94	1.63	-90.27	-426.19	-12,193.05	2,694.88	2,389.34	305.54	8.820		
18,500.00	6,840.00	6,725.02	6,724.60	336.63	1.63	-90.28	-426.19	-12,193.06	2,729.09	2,425.95	303.14	9.003		
18,600.00	6,840.00	6,725.56	6,725.15	339.32	1.63	-90.30	-426.19	-12,193.06	2,766.49	2,466.03	300.46	9.207		
18,700.00	6,840.00	6,726.11	6,725.69	342.01	1.63	-90.31	-426.19	-12,193.06	2,806.96	2,509.42	297.54	9.434		
18,800.00	6,840.00	6,726.64	6,726.23	344.70	1.63	-90.32	-426.18	-12,193.07	2,850.36	2,555.95	294.40	9.682		
18,900.00	6,840.00	6,727.17	6,726.76	347.39	1.63	-90.33	-426.18	-12,193.07	2,896.56	2,605.47	291.09	9.951		
19,000.00	6,840.00	6,727.70	6,727.29	350.08	1.63	-90.34	-426.18	-12,193.07	2,945.44	2,657.81	287.63	10.240		
19,100.00	6,840.00	6,728.22	6,727.81	352.77	1.63	-90.36	-426.18	-12,193.08	2,996.85	2,712.80	284.05	10.551		
19,200.00	6,840.00	6,728.73	6,728.32	355.46	1.63	-90.37	-426.18	-12,193.08	3,050.68	2,770.31	280.37	10.881		
19,300.00	6,840.00	6,729.24	6,728.83	358.16	1.63	-90.38	-426.18	-12,193.08	3,106.79	2,830.16	276.63	11.231		
19,400.00	6,840.00	6,729.75	6,729.34	360.85	1.63	-90.39	-426.18	-12,193.09	3,165.07	2,892.23	272.84	11.600		
19,500.00	6,840.00	6,730.25	6,729.84	363.54	1.63	-90.40	-426.18	-12,193.09	3,225.40	2,956.37	269.03	11.989		
19,600.00	6,840.00	6,730.74	6,730.33	366.24	1.63	-90.41	-426.18	-12,193.09	3,287.67	3,022.46	265.21	12.397		
19,700.00	6,840.00	6,731.23	6,730.82	368.93	1.63	-90.42	-426.17	-12,193.10	3,351.76	3,090.37	261.39	12.823		
19,800.00	6,840.00	6,731.72	6,731.31	371.63	1.63	-90.43	-426.17	-12,193.10	3,417.57	3,159.98	257.59	13.267		
19,900.00	6,840.00	6,732.20	6,731.79	374.32	1.63	-90.44	-426.17	-12,193.10	3,485.01	3,231.18	253.83	13.730		
20,000.00	6,840.00	6,732.68	6,732.26	377.02	1.63	-90.46	-426.17	-12,193.11	3,553.99	3,303.88	250.11	14.210		
20,100.00	6,840.00	6,733.15	6,732.73	379.71	1.63	-90.47	-426.17	-12,193.11	3,624.41	3,377.98	246.44	14.707		
20,200.00	6,840.00	6,733.61	6,733.20	382.41	1.63	-90.48	-426.17	-12,193.11	3,696.20	3,453.38	242.82	15.222		
20,300.00	6,840.00	6,734.08	6,733.66	385.11	1.63	-90.49	-426.17	-12,193.11	3,769.27	3,530.00	239.27	15.753		
20,400.00	6,840.00	6,734.53	6,734.12	387.80	1.63	-90.50	-426.17	-12,193.12	3,843.56	3,607.78	235.78	16.301		
20,500.00	6,840.00	6,734.99	6,734.57	390.50	1.63	-90.51	-426.17	-12,193.12	3,918.99	3,686.62	232.36	16.866		
20,600.00	6,840.00	6,735.44	6,735.02	393.20	1.63	-90.52	-426.17	-12,193.12	3,995.49	3,766.47	229.02	17.446		
20,691.67	6,840.00	6,735.84	6,735.43	395.67	1.63	-90.53	-426.17	-12,193.13	4,066.52	3,840.50	226.02	17.992		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
8,300.00	6,840.00	6,999.43	6,998.60	75.98	2.01	-94.46	-1,540.64	-12,199.89	9,928.86	9,863.54	65.32	152.005		
8,400.00	6,840.00	6,992.74	6,991.91	77.96	2.00	-94.35	-1,540.63	-12,200.10	9,836.03	9,769.77	66.26	148.449		
8,500.00	6,840.00	6,986.24	6,985.41	79.97	2.00	-94.25	-1,540.62	-12,200.30	9,743.33	9,676.11	67.22	144.941		
8,600.00	6,840.00	6,979.93	6,979.10	82.03	2.00	-94.16	-1,540.61	-12,200.49	9,650.78	9,582.57	68.21	141.481		
8,700.00	6,840.00	6,973.78	6,972.96	84.12	2.00	-94.06	-1,540.60	-12,200.68	9,558.38	9,489.15	69.23	138.072		
8,800.00	6,840.00	6,967.80	6,966.98	86.25	2.00	-93.97	-1,540.59	-12,200.85	9,466.13	9,395.86	70.27	134.712		
8,900.00	6,840.00	6,961.98	6,961.17	88.41	2.00	-93.88	-1,540.59	-12,201.02	9,374.03	9,302.69	71.34	131.404		
9,000.00	6,840.00	6,956.32	6,955.50	90.60	2.00	-93.79	-1,540.58	-12,201.19	9,282.10	9,209.67	72.43	128.147		
9,100.00	6,840.00	6,950.80	6,949.99	92.82	2.00	-93.70	-1,540.58	-12,201.35	9,190.33	9,116.78	73.56	124.942		
9,200.00	6,840.00	6,945.43	6,944.61	95.07	2.00	-93.62	-1,540.57	-12,201.50	9,098.74	9,024.03	74.71	121.789		
9,300.00	6,840.00	6,940.19	6,939.38	97.34	2.00	-93.54	-1,540.57	-12,201.64	9,007.32	8,931.43	75.89	118.688		
9,400.00	6,840.00	6,935.08	6,934.27	99.64	2.00	-93.46	-1,540.57	-12,201.78	8,916.09	8,838.99	77.10	115.640		
9,500.00	6,840.00	6,930.10	6,929.29	101.95	2.00	-93.38	-1,540.57	-12,201.92	8,825.04	8,746.70	78.34	112.645		
9,600.00	6,840.00	6,925.00	6,924.19	104.29	2.52	-92.56	-1,540.59	-12,203.16	8,734.18	8,654.03	80.15	108.968		
9,700.00	6,840.00	6,920.00	6,919.19	106.64	2.56	-92.53	-1,540.59	-12,203.20	8,643.52	8,562.03	81.49	106.067		
9,800.00	6,840.00	6,915.00	6,914.19	109.02	2.60	-92.50	-1,540.59	-12,203.24	8,553.07	8,470.20	82.86	103.222		
9,900.00	6,840.00	6,910.00	6,909.19	111.41	2.64	-92.47	-1,540.59	-12,203.28	8,462.82	8,378.56	84.27	100.430		
10,000.00	6,840.00	6,905.00	6,904.19	113.81	2.00	-93.12	-1,540.57	-12,202.36	8,372.86	8,287.82	85.03	98.466		
10,100.00	6,840.00	6,900.00	6,899.19	116.23	2.00	-92.99	-1,540.57	-12,202.58	8,283.08	8,196.60	86.47	95.787		
10,200.00	6,840.00	6,895.00	6,894.19	118.67	2.00	-92.87	-1,540.58	-12,202.77	8,193.53	8,105.58	87.95	93.161		
10,300.00	6,840.00	6,890.00	6,889.19	121.11	1.99	-92.75	-1,540.58	-12,202.95	8,104.23	8,014.76	89.46	90.588		
10,400.00	6,840.00	6,885.00	6,884.19	123.57	1.99	-92.64	-1,540.59	-12,203.11	8,015.17	7,924.16	91.01	88.067		
10,500.00	6,840.00	6,880.00	6,879.19	126.04	1.99	-92.54	-1,540.59	-12,203.27	7,926.38	7,833.78	92.60	85.598		
10,600.00	6,840.00	6,875.00	6,874.19	128.52	1.99	-92.44	-1,540.59	-12,203.41	7,837.85	7,743.63	94.23	83.180		
10,700.00	6,840.00	6,870.00	6,869.19	131.01	1.99	-92.35	-1,540.60	-12,203.54	7,749.60	7,653.71	95.89	80.813		
10,800.00	6,840.00	6,865.00	6,864.19	133.51	1.99	-92.26	-1,540.60	-12,203.66	7,661.64	7,564.04	97.60	78.498		
10,900.00	6,840.00	6,860.00	6,859.19	136.02	1.99	-92.17	-1,540.60	-12,203.78	7,573.98	7,474.62	99.35	76.233		
11,000.00	6,840.00	6,855.00	6,854.19	138.53	1.99	-92.09	-1,540.60	-12,203.88	7,486.62	7,385.47	101.15	74.017		
11,100.00	6,840.00	6,850.00	6,849.19	141.06	1.99	-92.01	-1,540.61	-12,203.98	7,399.58	7,296.60	102.98	71.852		
11,200.00	6,840.00	6,845.00	6,844.19	143.59	1.99	-91.94	-1,540.61	-12,204.07	7,312.87	7,208.01	104.87	69.735		
11,300.00	6,840.00	6,840.00	6,839.19	146.13	1.99	-91.87	-1,540.61	-12,204.16	7,226.51	7,119.71	106.80	67.667		
11,400.00	6,840.00	6,835.00	6,834.19	148.68	1.99	-91.80	-1,540.61	-12,204.24	7,140.50	7,031.73	108.77	65.647		
11,500.00	6,840.00	6,830.00	6,829.19	151.23	1.99	-91.74	-1,540.61	-12,204.32	7,054.85	6,944.06	110.79	63.675		
11,600.00	6,840.00	6,825.00	6,824.19	153.79	1.99	-91.67	-1,540.62	-12,204.39	6,969.59	6,856.72	112.87	61.750		
11,700.00	6,840.00	6,820.00	6,819.19	156.35	1.99	-91.61	-1,540.62	-12,204.46	6,884.73	6,769.73	114.99	59.871		
11,800.00	6,840.00	6,815.00	6,814.19	158.92	1.99	-91.56	-1,540.62	-12,204.52	6,800.27	6,683.10	117.17	58.038		
11,900.00	6,840.00	6,810.00	6,809.19	161.49	1.99	-91.50	-1,540.62	-12,204.58	6,716.24	6,596.84	119.40	56.251		
12,000.00	6,840.00	6,805.00	6,804.19	164.07	1.99	-91.45	-1,540.62	-12,204.64	6,632.65	6,510.97	121.68	54.508		
12,100.00	6,840.00	6,800.00	6,799.19	166.66	1.99	-91.39	-1,540.62	-12,204.69	6,549.52	6,425.50	124.02	52.810		
12,200.00	6,840.00	6,795.00	6,794.19	169.25	1.99	-91.35	-1,540.62	-12,204.74	6,466.87	6,340.46	126.41	51.156		
12,300.00	6,840.00	6,790.00	6,789.19	171.84	1.99	-91.31	-1,540.62	-12,204.78	6,384.72	6,255.85	128.87	49.545		
12,400.00	6,840.00	6,785.00	6,784.19	174.44	1.99	-91.27	-1,540.63	-12,204.81	6,303.08	6,171.70	131.38	47.976		
12,500.00	6,840.00	6,780.00	6,779.19	177.04	1.98	-91.24	-1,540.63	-12,204.85	6,221.97	6,088.02	133.95	46.450		
12,600.00	6,840.00	6,775.00	6,774.19	179.64	1.98	-91.21	-1,540.63	-12,204.88	6,141.42	6,004.84	136.58	44.964		
12,700.00	6,840.00	6,770.00	6,769.19	182.25	1.98	-91.17	-1,540.63	-12,204.91	6,061.45	5,922.17	139.28	43.520		
12,800.00	6,840.00	6,765.00	6,764.19	184.86	1.98	-91.14	-1,540.63	-12,204.95	5,982.08	5,840.05	142.04	42.116		
12,900.00	6,840.00	6,760.00	6,759.19	187.47	1.98	-91.11	-1,540.63	-12,204.98	5,903.34	5,758.48	144.86	40.752		
13,000.00	6,840.00	6,755.00	6,754.19	190.09	1.98	-91.07	-1,540.63	-12,205.01	5,825.25	5,677.50	147.75	39.427		
13,100.00	6,840.00	6,750.00	6,749.19	192.71	1.98	-91.04	-1,540.63	-12,205.04	5,747.84	5,597.14	150.70	38.140		
13,200.00	6,840.00	6,745.00	6,744.19	195.34	1.98	-91.01	-1,540.63	-12,205.07	5,671.14	5,517.41	153.73	36.891		
13,300.00	6,840.00	6,740.00	6,739.19	197.96	1.98	-90.98	-1,540.63	-12,205.09	5,595.17	5,438.35	156.81	35.680		
13,400.00	6,840.00	6,735.00	6,734.19	200.59	1.98	-90.95	-1,540.63	-12,205.12	5,519.96	5,359.99	159.97	34.506		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
13,500.00	6,840.00	6,772.72	6,771.95	203.22	1.98	-90.92	-1,540.63	-12,205.15	5,445.56	5,282.36	163.20	33.368		
13,600.00	6,840.00	6,770.88	6,770.10	205.85	1.98	-90.89	-1,540.64	-12,205.17	5,371.98	5,205.49	166.49	32.265		
13,700.00	6,840.00	6,769.06	6,768.29	208.49	1.98	-90.86	-1,540.64	-12,205.20	5,299.27	5,129.41	169.86	31.198		
13,800.00	6,840.00	6,767.27	6,766.50	211.13	1.98	-90.84	-1,540.64	-12,205.22	5,227.46	5,054.17	173.29	30.165		
13,900.00	6,840.00	6,765.51	6,764.74	213.77	1.98	-90.81	-1,540.64	-12,205.25	5,156.59	4,979.79	176.80	29.167		
14,000.00	6,840.00	6,763.78	6,763.01	216.41	1.98	-90.78	-1,540.64	-12,205.27	5,086.70	4,906.33	180.37	28.202		
14,100.00	6,840.00	6,762.08	6,761.31	219.06	1.98	-90.76	-1,540.64	-12,205.30	5,017.82	4,833.81	184.01	27.270		
14,200.00	6,840.00	6,760.40	6,759.63	221.70	1.98	-90.73	-1,540.64	-12,205.32	4,950.01	4,762.30	187.71	26.370		
14,300.00	6,840.00	6,758.75	6,757.98	224.35	1.98	-90.70	-1,540.64	-12,205.34	4,883.30	4,691.82	191.49	25.502		
14,400.00	6,840.00	6,757.13	6,756.36	227.00	1.98	-90.68	-1,540.64	-12,205.36	4,817.75	4,622.43	195.32	24.666		
14,500.00	6,840.00	6,755.53	6,754.76	229.65	1.98	-90.65	-1,540.64	-12,205.38	4,753.39	4,554.18	199.21	23.861		
14,600.00	6,840.00	6,753.95	6,753.18	232.30	1.98	-90.63	-1,540.64	-12,205.40	4,690.29	4,487.12	203.17	23.086		
14,700.00	6,840.00	6,752.40	6,751.63	234.96	1.98	-90.60	-1,540.64	-12,205.42	4,628.48	4,421.30	207.18	22.341		
14,800.00	6,840.00	6,750.87	6,750.10	237.61	1.98	-90.58	-1,540.64	-12,205.44	4,568.02	4,356.79	211.24	21.625		
14,900.00	6,840.00	6,749.36	6,748.59	240.27	1.98	-90.56	-1,540.65	-12,205.46	4,508.98	4,293.63	215.34	20.938		
15,000.00	6,840.00	6,747.87	6,747.10	242.93	1.98	-90.53	-1,540.65	-12,205.48	4,451.39	4,231.90	219.49	20.280		
15,100.00	6,840.00	6,746.41	6,745.64	245.59	1.98	-90.51	-1,540.65	-12,205.50	4,395.33	4,171.65	223.68	19.650		
15,200.00	6,840.00	6,744.97	6,744.20	248.25	1.98	-90.49	-1,540.65	-12,205.52	4,340.85	4,112.95	227.90	19.047		
15,300.00	6,840.00	6,743.55	6,742.78	250.92	1.98	-90.47	-1,540.65	-12,205.53	4,288.00	4,055.86	232.14	18.472		
15,400.00	6,840.00	6,742.15	6,741.38	253.58	1.98	-90.44	-1,540.65	-12,205.55	4,236.86	4,000.46	236.40	17.922		
15,500.00	6,840.00	6,740.77	6,740.00	256.25	1.98	-90.42	-1,540.65	-12,205.57	4,187.48	3,946.81	240.67	17.400		
15,600.00	6,840.00	6,739.40	6,738.63	258.91	1.98	-90.40	-1,540.65	-12,205.59	4,139.92	3,894.99	244.93	16.902		
15,700.00	6,840.00	6,738.06	6,737.29	261.58	1.98	-90.38	-1,540.65	-12,205.60	4,094.26	3,845.07	249.19	16.430		
15,800.00	6,840.00	6,736.74	6,735.97	264.25	1.98	-90.36	-1,540.65	-12,205.62	4,050.55	3,797.13	253.42	15.983		
15,900.00	6,840.00	6,735.43	6,734.66	266.92	1.98	-90.34	-1,540.65	-12,205.63	4,008.86	3,751.23	257.63	15.561		
16,000.00	6,840.00	6,734.14	6,733.37	269.59	1.98	-90.32	-1,540.65	-12,205.65	3,969.25	3,707.46	261.79	15.162		
16,100.00	6,840.00	6,732.87	6,732.10	272.26	1.98	-90.30	-1,540.66	-12,205.66	3,931.79	3,665.89	265.89	14.787		
16,200.00	6,840.00	6,731.62	6,730.85	274.94	1.98	-90.28	-1,540.66	-12,205.68	3,896.53	3,626.60	269.93	14.435		
16,300.00	6,840.00	6,730.38	6,729.61	277.61	1.98	-90.26	-1,540.66	-12,205.69	3,863.54	3,589.65	273.88	14.106		
16,400.00	6,840.00	6,729.16	6,728.39	280.28	1.98	-90.24	-1,540.66	-12,205.71	3,832.87	3,555.12	277.74	13.800		
16,500.00	6,840.00	6,727.96	6,727.19	282.96	1.98	-90.22	-1,540.66	-12,205.72	3,804.58	3,523.09	281.50	13.516		
16,600.00	6,840.00	6,726.77	6,726.00	285.64	1.98	-90.20	-1,540.66	-12,205.73	3,778.74	3,493.61	285.13	13.253		
16,700.00	6,840.00	6,725.59	6,724.83	288.31	1.98	-90.19	-1,540.66	-12,205.75	3,755.37	3,466.75	288.62	13.011		
16,800.00	6,840.00	6,724.44	6,723.67	290.99	1.98	-90.17	-1,540.66	-12,205.76	3,734.54	3,442.57	291.97	12.791		
16,900.00	6,840.00	6,723.29	6,722.53	293.67	1.98	-90.15	-1,540.66	-12,205.77	3,716.28	3,421.13	295.16	12.591		
17,000.00	6,840.00	6,722.17	6,721.40	296.35	1.98	-90.13	-1,540.66	-12,205.78	3,700.64	3,402.47	298.17	12.411		
17,100.00	6,840.00	6,721.05	6,720.28	299.03	1.98	-90.11	-1,540.66	-12,205.80	3,687.64	3,386.64	300.99	12.251		
17,200.00	6,840.00	6,719.95	6,719.18	301.71	1.98	-90.10	-1,540.66	-12,205.81	3,677.31	3,373.69	303.63	12.111		
17,300.00	6,840.00	6,718.87	6,718.10	304.39	1.98	-90.08	-1,540.66	-12,205.82	3,669.68	3,363.63	306.05	11.990		
17,400.00	6,840.00	6,717.79	6,717.03	307.08	1.98	-90.06	-1,540.66	-12,205.83	3,664.77	3,356.50	308.27	11.888		
17,500.00	6,840.00	6,716.73	6,715.97	309.76	1.98	-90.05	-1,540.67	-12,205.84	3,662.58	3,352.32	310.26	11.805		
17,530.25	6,840.00	6,716.42	6,715.65	310.57	1.98	-90.04	-1,540.67	-12,205.85	3,662.45	3,351.63	310.82	11.783 CC		
17,600.00	6,840.00	6,715.69	6,714.92	312.44	1.98	-90.03	-1,540.67	-12,205.85	3,663.12	3,351.08	312.04	11.739 ES		
17,700.00	6,840.00	6,714.65	6,713.89	315.13	1.98	-90.01	-1,540.67	-12,205.87	3,666.39	3,352.81	313.58	11.692		
17,800.00	6,840.00	6,713.63	6,712.87	317.81	1.98	-90.00	-1,540.67	-12,205.88	3,672.37	3,357.49	314.89	11.662		
17,900.00	6,840.00	6,714.06	6,713.29	320.50	1.98	-90.00	-1,540.66	-12,205.87	3,681.07	3,365.10	315.97	11.650 SF		
18,000.00	6,840.00	6,712.99	6,712.22	323.19	1.98	-89.99	-1,540.67	-12,205.89	3,692.45	3,375.63	316.82	11.655		
18,100.00	6,840.00	6,711.92	6,711.16	325.87	1.98	-89.97	-1,540.67	-12,205.90	3,706.50	3,389.06	317.44	11.676		
18,200.00	6,840.00	6,710.87	6,710.10	328.56	1.98	-89.95	-1,540.67	-12,205.91	3,723.18	3,405.34	317.84	11.714		
18,300.00	6,840.00	6,709.81	6,709.05	331.25	1.98	-89.94	-1,540.67	-12,205.92	3,742.46	3,424.45	318.02	11.768		
18,400.00	6,840.00	6,708.77	6,708.00	333.94	1.98	-89.92	-1,540.67	-12,205.93	3,764.30	3,446.32	317.98	11.838		
18,500.00	6,840.00	6,707.73	6,706.96	336.63	1.98	-89.91	-1,540.67	-12,205.94	3,788.65	3,470.91	317.74	11.924		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
18,600.00	6,840.00	6,706.70	6,705.93	339.32	1.98	-89.89	-1,540.67	-12,205.95	3,815.47	3,498.17	317.30	12.025	
18,700.00	6,840.00	6,705.67	6,704.90	342.01	1.98	-89.87	-1,540.67	-12,205.96	3,844.70	3,528.03	316.67	12.141	
18,800.00	6,840.00	6,704.65	6,703.88	344.70	1.98	-89.86	-1,540.67	-12,205.97	3,876.30	3,560.43	315.87	12.272	
18,900.00	6,840.00	6,703.64	6,702.87	347.39	1.98	-89.84	-1,540.67	-12,205.98	3,910.19	3,595.29	314.90	12.417	
19,000.00	6,840.00	6,702.63	6,701.86	350.08	1.98	-89.83	-1,540.68	-12,205.99	3,946.33	3,632.56	313.77	12.577	
19,100.00	6,840.00	6,701.63	6,700.86	352.77	1.98	-89.81	-1,540.68	-12,206.00	3,984.65	3,672.16	312.49	12.751	
19,200.00	6,840.00	6,700.63	6,699.86	355.46	1.98	-89.79	-1,540.68	-12,206.01	4,025.09	3,714.01	311.08	12.939	
19,300.00	6,840.00	6,699.64	6,698.87	358.16	1.98	-89.78	-1,540.68	-12,206.02	4,067.59	3,758.04	309.55	13.141	
19,400.00	6,840.00	6,698.66	6,697.89	360.85	1.98	-89.76	-1,540.68	-12,206.03	4,112.08	3,804.18	307.90	13.355	
19,500.00	6,840.00	6,697.68	6,696.91	363.54	1.98	-89.75	-1,540.68	-12,206.03	4,158.50	3,852.35	306.15	13.583	
19,600.00	6,840.00	6,696.71	6,695.94	366.24	1.98	-89.73	-1,540.68	-12,206.04	4,206.78	3,902.48	304.30	13.824	
19,700.00	6,840.00	6,695.74	6,694.98	368.93	1.98	-89.72	-1,540.68	-12,206.05	4,256.87	3,954.49	302.38	14.078	
19,800.00	6,840.00	6,694.78	6,694.01	371.63	1.98	-89.70	-1,540.68	-12,206.06	4,308.69	4,008.31	300.38	14.344	
19,900.00	6,840.00	6,693.83	6,693.06	374.32	1.98	-89.69	-1,540.68	-12,206.07	4,362.19	4,063.87	298.32	14.623	
20,000.00	6,840.00	6,692.88	6,692.11	377.02	1.98	-89.67	-1,540.68	-12,206.08	4,417.31	4,121.11	296.20	14.913	
20,100.00	6,840.00	6,691.93	6,691.17	379.71	1.98	-89.66	-1,540.68	-12,206.09	4,473.98	4,179.94	294.04	15.216	
20,200.00	6,840.00	6,691.00	6,690.23	382.41	1.98	-89.64	-1,540.68	-12,206.10	4,532.16	4,240.32	291.84	15.530	
20,300.00	6,840.00	6,690.06	6,689.30	385.11	1.98	-89.63	-1,540.68	-12,206.11	4,591.77	4,302.16	289.61	15.855	
20,400.00	6,840.00	6,689.14	6,688.37	387.80	1.98	-89.61	-1,540.68	-12,206.12	4,652.77	4,365.42	287.35	16.192	
20,500.00	6,840.00	6,688.21	6,687.45	390.50	1.97	-89.60	-1,540.68	-12,206.12	4,715.10	4,430.02	285.07	16.540	
20,600.00	6,840.00	6,687.30	6,686.53	393.20	1.97	-89.59	-1,540.69	-12,206.13	4,778.70	4,495.92	282.78	16.899	
20,691.67	6,840.00	6,686.46	6,685.70	395.67	1.97	-89.57	-1,540.69	-12,206.14	4,838.09	4,557.42	280.68	17.237	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
8,800.00	6,840.00	6,841.59	6,840.32	86.25	1.78	109.95	2,433.64	-13,391.37	9,938.50	9,890.45	48.05	206.834		
8,900.00	6,840.00	6,840.79	6,839.52	88.41	1.78	109.82	2,433.64	-13,391.38	9,938.56	9,790.56	48.00	204.985		
9,000.00	6,840.00	6,839.98	6,838.71	90.60	1.78	109.69	2,433.64	-13,391.39	9,738.61	9,690.67	47.94	203.135		
9,100.00	6,840.00	6,839.17	6,837.90	92.82	1.78	109.55	2,433.64	-13,391.40	9,638.67	9,590.78	47.89	201.285		
9,200.00	6,840.00	6,838.36	6,837.08	95.07	1.78	109.42	2,433.64	-13,391.41	9,538.73	9,490.90	47.83	199.433		
9,300.00	6,840.00	6,837.54	6,836.26	97.34	1.78	109.28	2,433.64	-13,391.41	9,438.79	9,391.01	47.77	197.581		
9,400.00	6,840.00	6,836.71	6,835.44	99.64	1.78	109.14	2,433.64	-13,391.42	9,338.85	9,291.13	47.71	195.728		
9,500.00	6,840.00	6,835.88	6,834.61	101.95	1.78	109.00	2,433.64	-13,391.43	9,238.91	9,191.25	47.65	193.874		
9,600.00	6,840.00	6,835.05	6,833.77	104.29	1.78	108.87	2,433.64	-13,391.44	9,138.97	9,091.38	47.59	192.020		
9,700.00	6,840.00	6,834.21	6,832.93	106.64	1.78	108.72	2,433.64	-13,391.45	9,039.03	8,991.50	47.53	190.165		
9,800.00	6,840.00	6,833.36	6,832.09	109.02	1.78	108.58	2,433.64	-13,391.46	8,939.10	8,891.63	47.47	188.309		
9,900.00	6,840.00	6,832.51	6,831.24	111.41	1.78	108.44	2,433.64	-13,391.47	8,839.16	8,791.76	47.41	186.453		
10,000.00	6,840.00	6,831.66	6,830.39	113.81	1.78	108.30	2,433.64	-13,391.48	8,739.23	8,691.89	47.34	184.596		
10,100.00	6,840.00	6,830.80	6,829.53	116.23	1.78	108.15	2,433.63	-13,391.49	8,639.30	8,592.02	47.28	182.739		
10,200.00	6,840.00	6,829.93	6,828.66	118.67	1.78	108.01	2,433.63	-13,391.50	8,539.37	8,492.16	47.21	180.881		
10,300.00	6,840.00	6,829.06	6,827.79	121.11	1.78	107.86	2,433.63	-13,391.51	8,439.44	8,392.30	47.14	179.023		
10,400.00	6,840.00	6,828.19	6,826.92	123.57	1.78	107.71	2,433.63	-13,391.52	8,339.52	8,292.44	47.07	177.165		
10,500.00	6,840.00	6,827.31	6,826.03	126.04	1.78	107.56	2,433.63	-13,391.53	8,239.59	8,192.59	47.00	175.306		
10,600.00	6,840.00	6,826.42	6,825.15	128.52	1.78	107.41	2,433.63	-13,391.54	8,139.67	8,092.74	46.93	173.447		
10,700.00	6,840.00	6,825.53	6,824.26	131.01	1.78	107.26	2,433.63	-13,391.55	8,039.75	7,992.89	46.86	171.588		
10,800.00	6,840.00	6,824.63	6,823.36	133.51	1.78	107.11	2,433.63	-13,391.57	7,939.83	7,893.05	46.78	169.728		
10,900.00	6,840.00	6,823.73	6,822.46	136.02	1.78	106.95	2,433.63	-13,391.58	7,839.91	7,793.21	46.70	167.868		
11,000.00	6,840.00	6,822.82	6,821.55	138.53	1.78	106.80	2,433.63	-13,391.59	7,740.00	7,693.37	46.62	166.008		
11,100.00	6,840.00	6,821.91	6,820.64	141.06	1.78	106.64	2,433.63	-13,391.60	7,640.08	7,593.54	46.54	164.148		
11,200.00	6,840.00	6,820.99	6,819.72	143.59	1.78	106.48	2,433.63	-13,391.61	7,540.17	7,493.71	46.46	162.288		
11,300.00	6,840.00	6,820.06	6,818.79	146.13	1.78	106.32	2,433.63	-13,391.62	7,440.26	7,393.89	46.38	160.427		
11,400.00	6,840.00	6,819.13	6,817.86	148.68	1.78	106.16	2,433.63	-13,391.63	7,340.36	7,294.06	46.29	158.567		
11,500.00	6,840.00	6,818.19	6,816.92	151.23	1.78	106.00	2,433.63	-13,391.64	7,240.45	7,194.25	46.20	156.706		
11,600.00	6,840.00	6,817.25	6,815.98	153.79	1.78	105.84	2,433.63	-13,391.65	7,140.55	7,094.44	46.11	154.845		
11,700.00	6,840.00	6,816.30	6,815.03	156.35	1.78	105.67	2,433.63	-13,391.67	7,040.65	6,994.63	46.02	152.985		
11,800.00	6,840.00	6,815.35	6,814.08	158.92	1.78	105.51	2,433.63	-13,391.68	6,940.76	6,894.83	45.93	151.124		
11,900.00	6,840.00	6,814.39	6,813.12	161.49	1.78	105.34	2,433.63	-13,391.69	6,840.86	6,795.03	45.83	149.263		
12,000.00	6,840.00	6,813.42	6,812.15	164.07	1.78	105.17	2,433.63	-13,391.70	6,740.97	6,695.24	45.73	147.401		
12,100.00	6,840.00	6,812.45	6,811.18	166.66	1.78	105.00	2,433.63	-13,391.71	6,641.08	6,595.45	45.63	145.540		
12,200.00	6,840.00	6,811.47	6,810.20	169.25	1.78	104.83	2,433.63	-13,391.73	6,541.20	6,495.67	45.53	143.679		
12,300.00	6,840.00	6,810.43	6,809.16	171.84	1.78	104.66	2,433.63	-13,391.74	6,441.32	6,395.91	45.41	141.851		
12,400.00	6,840.00	6,809.39	6,808.12	174.44	1.78	104.49	2,433.63	-13,391.75	6,341.44	6,296.14	45.30	139.986		
12,500.00	6,840.00	6,808.35	6,807.08	177.04	1.78	104.32	2,433.63	-13,391.76	6,241.57	6,196.38	45.19	138.121		
12,600.00	6,840.00	6,807.31	6,806.04	179.64	1.78	104.15	2,433.63	-13,391.77	6,141.70	6,096.62	45.07	136.255		
12,700.00	6,840.00	6,806.27	6,805.00	182.25	1.78	103.98	2,433.63	-13,391.78	6,041.83	5,996.87	44.96	134.389		
12,800.00	6,840.00	6,805.23	6,803.96	184.86	1.78	103.81	2,433.63	-13,391.79	5,941.97	5,897.13	44.84	132.522		
12,900.00	6,840.00	6,804.19	6,802.92	187.47	1.78	103.64	2,433.62	-13,391.79	5,842.12	5,797.40	44.71	130.655		
13,000.00	6,840.00	6,803.15	6,801.88	190.09	1.78	103.47	2,433.62	-13,391.81	5,742.26	5,697.68	44.59	128.786		
13,100.00	6,840.00	6,802.11	6,800.84	192.71	1.78	103.30	2,433.62	-13,391.83	5,642.42	5,597.96	44.46	126.917		
13,200.00	6,840.00	6,801.07	6,800.47	195.34	1.78	103.12	2,433.62	-13,391.85	5,542.58	5,498.25	44.32	125.047		
13,300.00	6,840.00	6,800.03	6,799.08	197.96	1.78	102.95	2,433.62	-13,391.87	5,442.74	5,398.55	44.19	123.175		
13,400.00	6,840.00	6,798.99	6,797.70	200.59	1.78	102.78	2,433.62	-13,391.88	5,342.91	5,298.86	44.05	121.301		
13,500.00	6,840.00	6,797.95	6,796.31	203.22	1.78	102.61	2,433.62	-13,391.90	5,243.09	5,199.19	43.90	119.426		
13,600.00	6,840.00	6,796.91	6,794.93	205.85	1.78	102.44	2,433.62	-13,391.92	5,143.27	5,099.52	43.75	117.549		
13,700.00	6,840.00	6,795.87	6,793.56	208.49	1.78	102.27	2,433.62	-13,391.94	5,043.46	4,999.86	43.60	115.669		
13,800.00	6,840.00	6,794.83	6,792.19	211.13	1.78	102.10	2,433.62	-13,391.96	4,943.66	4,900.21	43.45	113.786		
13,900.00	6,840.00	6,793.79	6,790.82	213.77	1.78	101.93	2,433.62	-13,391.97	4,843.86	4,800.57	43.29	111.900		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,000.00	6,840.00	6,790.72	6,789.45	216.41	1.78	101.15	2,433.62	-13,391.99	4,744.07	4,700.95	43.12	110.010		
14,100.00	6,840.00	6,789.36	6,788.09	219.06	1.78	100.91	2,433.62	-13,392.01	4,644.30	4,601.34	42.96	108.116		
14,200.00	6,840.00	6,788.00	6,786.74	221.70	1.78	100.66	2,433.62	-13,392.02	4,544.53	4,501.74	42.79	106.216		
14,300.00	6,840.00	6,786.65	6,785.38	224.35	1.78	100.42	2,433.62	-13,392.04	4,444.77	4,402.16	42.61	104.310		
14,400.00	6,840.00	6,785.30	6,784.03	227.00	1.78	100.18	2,433.62	-13,392.06	4,345.02	4,302.59	42.43	102.397		
14,500.00	6,840.00	6,783.95	6,782.69	229.65	1.78	99.93	2,433.62	-13,392.08	4,245.28	4,203.03	42.25	100.477		
14,600.00	6,840.00	6,782.61	6,781.34	232.30	1.78	99.69	2,433.62	-13,392.09	4,145.56	4,103.49	42.07	98.546		
14,700.00	6,840.00	6,781.27	6,780.00	234.96	1.78	99.44	2,433.62	-13,392.11	4,045.85	4,003.97	41.88	96.605		
14,800.00	6,840.00	6,779.94	6,778.67	237.61	1.78	99.20	2,433.62	-13,392.13	3,946.15	3,904.46	41.69	94.651		
14,900.00	6,840.00	6,778.60	6,777.34	240.27	1.78	98.96	2,433.62	-13,392.14	3,846.47	3,804.97	41.50	92.683		
15,000.00	6,840.00	6,777.27	6,776.01	242.93	1.78	98.72	2,433.62	-13,392.16	3,746.80	3,705.49	41.31	90.698		
15,100.00	6,840.00	6,775.95	6,774.68	245.59	1.78	98.47	2,433.62	-13,392.18	3,647.15	3,606.03	41.12	88.694		
15,200.00	6,840.00	6,774.63	6,773.36	248.25	1.78	98.23	2,433.61	-13,392.19	3,547.53	3,506.59	40.93	86.668		
15,300.00	6,840.00	6,773.31	6,772.04	250.92	1.78	97.99	2,433.61	-13,392.21	3,447.92	3,407.17	40.75	84.615		
15,400.00	6,840.00	6,771.99	6,770.73	253.58	1.78	97.75	2,433.61	-13,392.23	3,348.34	3,307.77	40.57	82.533		
15,500.00	6,840.00	6,770.68	6,769.42	256.25	1.78	97.51	2,433.61	-13,392.24	3,248.78	3,208.38	40.40	80.416		
15,600.00	6,840.00	6,769.37	6,768.11	258.91	1.78	97.27	2,433.61	-13,392.26	3,149.24	3,109.00	40.24	78.260		
15,700.00	6,840.00	6,768.07	6,766.80	261.58	1.78	97.03	2,433.61	-13,392.28	3,049.74	3,009.64	40.10	76.058		
15,800.00	6,840.00	6,766.77	6,765.50	264.25	1.78	96.79	2,433.61	-13,392.29	2,950.27	2,910.30	39.98	73.803		
15,900.00	6,840.00	6,765.47	6,764.21	266.92	1.78	96.55	2,433.61	-13,392.31	2,850.84	2,810.96	39.88	71.487		
16,000.00	6,840.00	6,764.18	6,762.91	269.59	1.78	96.31	2,433.61	-13,392.33	2,751.45	2,711.63	39.82	69.102		
16,100.00	6,840.00	6,762.89	6,761.62	272.26	1.78	96.07	2,433.61	-13,392.34	2,652.10	2,612.31	39.80	66.639		
16,200.00	6,840.00	6,761.60	6,760.33	274.94	1.78	95.84	2,433.61	-13,392.36	2,552.81	2,512.97	39.83	64.086		
16,300.00	6,840.00	6,760.31	6,759.05	277.61	1.78	95.60	2,433.61	-13,392.37	2,453.57	2,413.63	39.94	61.433		
16,400.00	6,840.00	6,759.03	6,757.77	280.28	1.78	95.36	2,433.61	-13,392.39	2,354.39	2,314.26	40.13	58.670		
16,500.00	6,840.00	6,757.75	6,756.49	282.96	1.78	95.12	2,433.61	-13,392.41	2,255.29	2,214.86	40.43	55.787		
16,600.00	6,840.00	6,756.48	6,755.21	285.64	1.78	94.89	2,433.61	-13,392.42	2,156.27	2,115.41	40.86	52.776		
16,700.00	6,840.00	6,755.21	6,753.94	288.31	1.78	94.65	2,433.61	-13,392.44	2,057.34	2,015.89	41.45	49.633		
16,800.00	6,840.00	6,753.94	6,752.68	290.99	1.78	94.42	2,433.60	-13,392.45	1,958.52	1,916.27	42.25	46.357		
16,900.00	6,840.00	6,752.68	6,751.41	293.67	1.78	94.18	2,433.60	-13,392.47	1,859.83	1,816.53	43.30	42.957		
17,000.00	6,840.00	6,751.41	6,750.15	296.35	1.78	93.95	2,433.60	-13,392.48	1,761.28	1,716.63	44.65	39.448		
17,100.00	6,840.00	6,750.16	6,748.89	299.03	1.78	93.71	2,433.60	-13,392.50	1,662.91	1,616.53	46.38	35.857		
17,200.00	6,840.00	6,748.90	6,747.64	301.71	1.78	93.48	2,433.60	-13,392.51	1,564.74	1,516.17	48.56	32.221		
17,300.00	6,840.00	6,747.65	6,746.39	304.39	1.78	93.25	2,433.60	-13,392.53	1,466.81	1,415.51	51.31	28.589		
17,400.00	6,840.00	6,746.40	6,745.14	307.08	1.78	93.01	2,433.60	-13,392.54	1,369.19	1,314.45	54.74	25.014		
17,500.00	6,840.00	6,745.16	6,743.89	309.76	1.78	92.78	2,433.60	-13,392.56	1,271.93	1,212.93	59.01	21.556		
17,600.00	6,840.00	6,743.91	6,742.65	312.44	1.78	92.55	2,433.60	-13,392.58	1,175.13	1,110.82	64.31	18.273		
17,700.00	6,840.00	6,742.67	6,741.41	315.13	1.78	92.32	2,433.60	-13,392.59	1,078.92	1,008.01	70.91	15.215		
17,800.00	6,840.00	6,741.44	6,740.17	317.81	1.78	92.09	2,433.60	-13,392.61	983.46	904.32	79.14	12.427		
17,900.00	6,840.00	6,740.21	6,738.94	320.50	1.78	91.86	2,433.60	-13,392.62	889.00	799.54	89.46	9.938		
18,000.00	6,840.00	6,738.98	6,737.71	323.19	1.78	91.63	2,433.60	-13,392.64	795.88	693.39	102.50	7.765		
18,100.00	6,840.00	6,737.75	6,736.49	325.87	1.78	91.40	2,433.59	-13,392.65	704.66	585.53	119.13	5.915		
18,200.00	6,840.00	6,736.53	6,735.26	328.56	1.78	91.17	2,433.59	-13,392.67	616.17	475.59	140.58	4.383		
18,300.00	6,840.00	6,735.31	6,734.04	331.25	1.78	90.94	2,433.59	-13,392.68	531.76	363.32	168.44	3.157		
18,400.00	6,840.00	6,734.09	6,732.82	333.94	1.78	90.71	2,433.59	-13,392.69	453.74	249.27	204.47	2.219		
18,500.00	6,840.00	6,732.87	6,731.61	336.63	1.78	90.49	2,433.59	-13,392.71	385.98	136.69	249.29	1.548		
18,600.00	6,840.00	6,731.66	6,730.40	339.32	1.78	90.26	2,433.59	-13,392.72	334.78	36.40	298.38	1.122 Level 2		
18,700.00	6,840.00	6,730.45	6,729.19	342.01	1.78	90.04	2,433.59	-13,392.74	308.51	-27.92	336.43	0.917 Level 1		
18,734.52	6,840.00	6,730.04	6,728.78	342.94	1.78	89.96	2,433.59	-13,392.74	306.57	-36.54	343.11	0.894 Level 1, CC, ES, SF		
18,800.00	6,840.00	6,729.25	6,727.99	344.70	1.78	89.81	2,433.59	-13,392.75	313.49	-30.72	344.21	0.911 Level 1		
18,900.00	6,840.00	6,728.05	6,726.78	347.39	1.78	89.59	2,433.59	-13,392.77	348.37	26.28	322.09	1.082 Level 2		
19,000.00	6,840.00	6,726.85	6,725.59	350.08	1.78	89.36	2,433.59	-13,392.78	405.53	117.81	287.72	1.409 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		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)					
19,100.00	6,840.00	6,725.65	6,724.39	352.77	1.78	89.14	2,433.59	-13,392.80	477.01	222.75	254.27	1.876	
19,200.00	6,840.00	6,724.46	6,723.20	355.46	1.78	88.92	2,433.59	-13,392.81	557.34	331.23	226.11	2.465	
19,300.00	6,840.00	6,723.27	6,722.01	358.16	1.78	88.69	2,433.59	-13,392.82	643.20	439.76	203.44	3.162	
19,400.00	6,840.00	6,722.08	6,720.82	360.85	1.78	88.47	2,433.58	-13,392.84	732.65	547.33	185.33	3.953	
19,500.00	6,840.00	6,720.90	6,719.64	363.54	1.78	88.25	2,433.58	-13,392.85	824.53	653.78	170.75	4.829	
19,600.00	6,840.00	6,719.72	6,718.45	366.24	1.78	88.03	2,433.58	-13,392.87	918.11	759.22	158.89	5.778	
19,700.00	6,840.00	6,718.54	6,717.28	368.93	1.78	87.81	2,433.58	-13,392.88	1,012.92	863.80	149.11	6.793	
19,800.00	6,840.00	6,717.36	6,716.10	371.63	1.78	87.59	2,433.58	-13,392.90	1,108.63	967.68	140.95	7.865	
19,900.00	6,840.00	6,716.19	6,714.93	374.32	1.78	87.37	2,433.58	-13,392.91	1,205.04	1,070.99	134.06	8.989	
20,000.00	6,840.00	6,715.02	6,713.76	377.02	1.78	87.15	2,433.58	-13,392.92	1,301.99	1,173.82	128.17	10.158	
20,100.00	6,840.00	6,713.85	6,712.59	379.71	1.78	86.94	2,433.58	-13,392.94	1,399.37	1,276.27	123.10	11.367	
20,200.00	6,840.00	6,712.69	6,711.43	382.41	1.78	86.72	2,433.58	-13,392.95	1,497.10	1,378.40	118.70	12.613	
20,300.00	6,840.00	6,711.53	6,710.27	385.11	1.78	86.50	2,433.58	-13,392.96	1,595.10	1,480.26	114.84	13.890	
20,400.00	6,840.00	6,710.37	6,709.11	387.80	1.78	86.29	2,433.58	-13,392.98	1,693.34	1,581.90	111.44	15.195	
20,500.00	6,840.00	6,709.39	6,708.12	390.50	1.78	86.10	2,433.58	-13,392.99	1,791.77	1,683.35	108.42	16.526	
20,600.00	6,840.00	6,708.22	6,706.96	393.20	1.78	85.89	2,433.57	-13,393.00	1,890.37	1,784.64	105.73	17.879	
20,691.67	6,840.00	6,707.16	6,705.89	395.67	1.78	85.69	2,433.57	-13,393.02	1,980.87	1,877.37	103.51	19.138	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
9,100.00	6,840.00	6,700.00	6,698.39	92.82	1.80	-89.21	-441.27	-13,344.09	9,911.82	9,846.34	65.48	151.381		
9,200.00	6,840.00	6,700.00	6,698.39	95.07	1.80	-89.21	-441.27	-13,344.09	9,815.27	9,749.06	66.21	148.251		
9,300.00	6,840.00	6,700.00	6,698.39	97.34	1.80	-89.21	-441.27	-13,344.09	9,718.79	9,651.83	66.96	145.151		
9,400.00	6,840.00	6,700.00	6,698.39	99.64	1.80	-89.21	-441.27	-13,344.09	9,622.38	9,554.66	67.72	142.082		
9,500.00	6,840.00	6,700.00	6,698.39	101.95	1.80	-89.21	-441.27	-13,344.09	9,526.05	9,457.53	68.51	139.043		
9,600.00	6,840.00	6,700.00	6,698.39	104.29	1.80	-89.21	-441.27	-13,344.09	9,429.79	9,360.47	69.32	136.036		
9,700.00	6,840.00	6,700.00	6,698.39	106.64	1.80	-89.21	-441.27	-13,344.09	9,333.61	9,263.46	70.15	133.061		
9,800.00	6,840.00	6,700.00	6,698.39	109.02	1.80	-89.21	-441.27	-13,344.09	9,237.51	9,166.52	70.99	130.119		
9,900.00	6,840.00	6,700.00	6,698.39	111.41	1.80	-89.21	-441.27	-13,344.09	9,141.49	9,069.63	71.86	127.209		
10,000.00	6,840.00	6,700.00	6,698.39	113.81	1.80	-89.21	-441.27	-13,344.09	9,045.56	8,972.81	72.75	124.332		
10,100.00	6,840.00	6,700.00	6,698.39	116.23	1.80	-89.21	-441.27	-13,344.09	8,949.73	8,876.06	73.67	121.489		
10,200.00	6,840.00	6,700.00	6,698.39	118.67	1.80	-89.21	-441.27	-13,344.09	8,853.98	8,779.37	74.60	118.680		
10,300.00	6,840.00	6,700.00	6,698.39	121.11	1.80	-89.21	-441.27	-13,344.09	8,758.33	8,682.76	75.56	115.905		
10,400.00	6,840.00	6,700.00	6,698.39	123.57	1.80	-89.21	-441.27	-13,344.09	8,662.77	8,586.22	76.55	113.165		
10,500.00	6,840.00	6,700.00	6,698.39	126.04	1.80	-89.21	-441.27	-13,344.09	8,567.32	8,489.76	77.56	110.460		
10,600.00	6,840.00	6,700.00	6,698.39	128.52	1.80	-89.21	-441.27	-13,344.09	8,471.97	8,393.37	78.60	107.789		
10,700.00	6,840.00	6,700.00	6,698.39	131.01	1.80	-89.21	-441.27	-13,344.09	8,376.73	8,297.07	79.66	105.155		
10,800.00	6,840.00	6,700.00	6,698.39	133.51	1.80	-89.21	-441.27	-13,344.09	8,281.60	8,200.85	80.75	102.555		
10,900.00	6,840.00	6,700.00	6,698.39	136.02	1.80	-89.21	-441.27	-13,344.09	8,186.59	8,104.72	81.87	99.992		
11,000.00	6,840.00	6,700.00	6,698.39	138.53	1.80	-89.21	-441.27	-13,344.09	8,091.70	8,008.68	83.02	97.465		
11,100.00	6,840.00	6,700.00	6,698.39	141.06	1.80	-89.21	-441.27	-13,344.09	7,996.94	7,912.73	84.20	94.974		
11,200.00	6,840.00	6,700.00	6,698.39	143.59	1.80	-89.21	-441.27	-13,344.09	7,902.30	7,816.89	85.41	92.520		
11,300.00	6,840.00	6,679.94	6,678.35	146.13	1.80	-88.76	-440.37	-13,344.22	7,807.74	7,721.09	86.65	90.106		
11,400.00	6,840.00	6,679.55	6,677.96	148.68	1.80	-88.75	-440.36	-13,344.23	7,713.38	7,625.45	87.93	87.725		
11,500.00	6,840.00	6,679.16	6,677.57	151.23	1.80	-88.74	-440.34	-13,344.23	7,619.15	7,529.92	89.24	85.382		
11,600.00	6,840.00	6,678.76	6,677.17	153.79	1.80	-88.73	-440.32	-13,344.23	7,525.08	7,434.50	90.58	83.075		
11,700.00	6,840.00	6,678.35	6,676.77	156.35	1.80	-88.72	-440.30	-13,344.24	7,431.16	7,339.19	91.96	80.805		
11,800.00	6,840.00	6,677.94	6,676.36	158.92	1.80	-88.71	-440.29	-13,344.24	7,337.40	7,244.02	93.38	78.573		
11,900.00	6,840.00	6,677.53	6,675.95	161.49	1.80	-88.70	-440.27	-13,344.24	7,243.81	7,148.96	94.84	76.378		
12,000.00	6,840.00	6,677.11	6,675.53	164.07	1.80	-88.70	-440.25	-13,344.25	7,150.39	7,054.05	96.34	74.220		
12,100.00	6,840.00	6,676.69	6,675.11	166.66	1.80	-88.69	-440.23	-13,344.25	7,057.15	6,959.27	97.88	72.099		
12,200.00	6,840.00	6,676.27	6,674.68	169.25	1.80	-88.68	-440.21	-13,344.25	6,964.10	6,864.63	99.47	70.015		
12,300.00	6,840.00	6,675.84	6,674.25	171.84	1.80	-88.67	-440.19	-13,344.26	6,871.24	6,770.15	101.09	67.969		
12,400.00	6,840.00	6,675.40	6,673.82	174.44	1.80	-88.66	-440.17	-13,344.26	6,778.59	6,675.82	102.77	65.960		
12,500.00	6,840.00	6,674.96	6,673.38	177.04	1.80	-88.65	-440.15	-13,344.26	6,686.15	6,581.66	104.49	63.989		
12,600.00	6,840.00	6,674.51	6,672.93	179.64	1.80	-88.64	-440.14	-13,344.27	6,593.93	6,487.67	106.26	62.054		
12,700.00	6,840.00	6,674.06	6,672.48	182.25	1.80	-88.63	-440.12	-13,344.27	6,501.94	6,393.85	108.08	60.157		
12,800.00	6,840.00	6,673.61	6,672.03	184.86	1.80	-88.62	-440.10	-13,344.27	6,410.19	6,300.23	109.96	58.296		
12,900.00	6,840.00	6,673.15	6,671.57	187.47	1.80	-88.61	-440.08	-13,344.28	6,318.69	6,206.80	111.89	56.473		
13,000.00	6,840.00	6,672.68	6,671.10	190.09	1.80	-88.60	-440.06	-13,344.28	6,227.45	6,113.57	113.87	54.687		
13,100.00	6,840.00	6,672.21	6,670.63	192.71	1.80	-88.59	-440.04	-13,344.29	6,136.48	6,020.56	115.92	52.937		
13,200.00	6,840.00	6,671.73	6,670.15	195.34	1.80	-88.58	-440.01	-13,344.29	6,045.80	5,927.77	118.03	51.225		
13,300.00	6,840.00	6,671.25	6,669.67	197.96	1.80	-88.56	-439.99	-13,344.29	5,955.42	5,835.22	120.19	49.548		
13,400.00	6,840.00	6,670.76	6,669.18	200.59	1.80	-88.55	-439.97	-13,344.30	5,865.35	5,742.92	122.43	47.909		
13,500.00	6,840.00	6,670.27	6,668.69	203.22	1.80	-88.54	-439.95	-13,344.30	5,775.60	5,650.87	124.73	46.305		
13,600.00	6,840.00	6,669.77	6,668.19	205.85	1.80	-88.53	-439.93	-13,344.31	5,686.20	5,559.10	127.10	44.738		
13,700.00	6,840.00	6,669.26	6,667.68	208.49	1.80	-88.52	-439.91	-13,344.31	5,597.16	5,467.61	129.54	43.207		
13,800.00	6,840.00	6,668.75	6,667.17	211.13	1.80	-88.51	-439.89	-13,344.32	5,508.49	5,376.43	132.06	41.711		
13,900.00	6,840.00	6,668.23	6,666.65	213.77	1.80	-88.50	-439.86	-13,344.32	5,420.22	5,285.56	134.66	40.251		
14,000.00	6,840.00	6,667.71	6,666.13	216.41	1.80	-88.49	-439.84	-13,344.32	5,332.36	5,195.02	137.34	38.827		
14,100.00	6,840.00	6,667.18	6,665.60	219.06	1.80	-88.47	-439.82	-13,344.33	5,244.94	5,104.84	140.10	37.438		
14,200.00	6,840.00	6,666.64	6,665.06	221.70	1.80	-88.46	-439.80	-13,344.33	5,157.97	5,015.03	142.94	36.084		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,300.00	6,840.00	6,666.09	6,664.52	224.35	1.80	-88.45	-439.77	-13,344.34	5,071.48	4,925.61	145.88	34.765		
14,400.00	6,840.00	6,665.54	6,663.97	227.00	1.80	-88.44	-439.75	-13,344.34	4,985.50	4,836.60	148.90	33.481		
14,500.00	6,840.00	6,664.98	6,663.41	229.65	1.80	-88.42	-439.72	-13,344.35	4,900.05	4,748.03	152.03	32.232		
14,600.00	6,840.00	6,664.42	6,662.85	232.30	1.80	-88.41	-439.70	-13,344.35	4,815.16	4,659.92	155.25	31.016		
14,700.00	6,840.00	6,663.85	6,662.28	234.96	1.80	-88.40	-439.68	-13,344.36	4,730.87	4,572.30	158.57	29.835		
14,800.00	6,840.00	6,663.27	6,661.70	237.61	1.80	-88.39	-439.65	-13,344.36	4,647.19	4,485.20	161.99	28.687		
14,900.00	6,840.00	6,662.68	6,661.11	240.27	1.80	-88.37	-439.63	-13,344.37	4,564.17	4,398.64	165.53	27.573		
15,000.00	6,840.00	6,662.09	6,660.52	242.93	1.80	-88.36	-439.60	-13,344.38	4,481.85	4,312.67	169.17	26.493		
15,100.00	6,840.00	6,661.48	6,659.91	245.59	1.80	-88.35	-439.58	-13,344.38	4,400.25	4,227.32	172.93	25.445		
15,200.00	6,840.00	6,660.87	6,659.30	248.25	1.80	-88.33	-439.55	-13,344.39	4,319.43	4,142.63	176.80	24.431		
15,300.00	6,840.00	6,660.25	6,658.69	250.92	1.80	-88.32	-439.52	-13,344.39	4,239.43	4,058.64	180.80	23.449		
15,400.00	6,840.00	6,659.63	6,658.06	253.58	1.80	-88.31	-439.50	-13,344.40	4,160.30	3,975.39	184.91	22.499		
15,500.00	6,840.00	6,658.99	6,657.43	256.25	1.80	-88.29	-439.47	-13,344.41	4,082.08	3,892.93	189.15	21.582		
15,600.00	6,840.00	6,658.35	6,656.78	258.91	1.80	-88.28	-439.44	-13,344.41	4,004.83	3,811.32	193.51	20.696		
15,700.00	6,840.00	6,657.70	6,656.13	261.58	1.80	-88.26	-439.42	-13,344.42	3,928.60	3,730.60	198.00	19.842		
15,800.00	6,840.00	6,657.04	6,655.47	264.25	1.80	-88.25	-439.39	-13,344.42	3,853.46	3,650.85	202.61	19.019		
15,900.00	6,840.00	6,656.37	6,654.80	266.92	1.80	-88.23	-439.36	-13,344.43	3,779.48	3,572.12	207.35	18.227		
16,000.00	6,840.00	6,655.69	6,654.12	269.59	1.80	-88.22	-439.33	-13,344.44	3,706.71	3,494.49	212.22	17.466		
16,100.00	6,840.00	6,655.00	6,653.43	272.26	1.79	-88.20	-439.30	-13,344.45	3,635.24	3,418.03	217.22	16.736		
16,200.00	6,840.00	6,654.30	6,652.73	274.94	1.79	-88.19	-439.27	-13,344.45	3,565.14	3,342.81	222.33	16.035		
16,300.00	6,840.00	6,653.59	6,652.03	277.61	1.79	-88.17	-439.24	-13,344.46	3,496.50	3,268.94	227.56	15.365		
16,400.00	6,840.00	6,652.87	6,651.31	280.28	1.79	-88.15	-439.21	-13,344.47	3,429.40	3,196.49	232.91	14.724		
16,500.00	6,840.00	6,652.14	6,650.58	282.96	1.79	-88.14	-439.18	-13,344.47	3,363.93	3,125.58	238.36	14.113		
16,600.00	6,840.00	6,651.40	6,649.84	285.64	1.79	-88.12	-439.15	-13,344.48	3,300.20	3,056.30	243.90	13.531		
16,700.00	6,840.00	6,650.65	6,649.09	288.31	1.79	-88.10	-439.12	-13,344.49	3,238.30	2,988.76	249.53	12.977		
16,800.00	6,840.00	6,649.89	6,648.33	290.99	1.79	-88.09	-439.09	-13,344.50	3,178.34	2,923.10	255.23	12.453		
16,900.00	6,840.00	6,649.11	6,647.56	293.67	1.79	-88.07	-439.06	-13,344.51	3,120.43	2,859.44	260.99	11.956		
17,000.00	6,840.00	6,648.33	6,646.77	296.35	1.79	-88.05	-439.03	-13,344.52	3,064.69	2,797.90	266.79	11.487		
17,100.00	6,840.00	6,647.53	6,645.98	299.03	1.79	-88.04	-438.99	-13,344.52	3,011.24	2,738.65	272.60	11.046		
17,200.00	6,840.00	6,646.73	6,645.17	301.71	1.79	-88.02	-438.96	-13,344.53	2,960.21	2,681.81	278.40	10.633		
17,300.00	6,840.00	6,645.90	6,644.35	304.39	1.79	-88.00	-438.93	-13,344.54	2,911.72	2,627.55	284.17	10.247		
17,400.00	6,840.00	6,645.07	6,643.52	307.08	1.79	-87.98	-438.89	-13,344.55	2,865.89	2,576.02	289.87	9.887		
17,500.00	6,840.00	6,644.22	6,642.67	309.76	1.79	-87.96	-438.86	-13,344.56	2,822.87	2,527.40	295.47	9.554		
17,600.00	6,840.00	6,643.37	6,641.81	312.44	1.79	-87.94	-438.82	-13,344.57	2,782.77	2,481.84	300.94	9.247		
17,700.00	6,840.00	6,642.49	6,640.94	315.13	1.79	-87.92	-438.79	-13,344.58	2,745.74	2,439.50	306.23	8.966		
17,800.00	6,840.00	6,641.61	6,640.05	317.81	1.79	-87.90	-438.75	-13,344.59	2,711.88	2,400.56	311.32	8.711		
17,900.00	6,840.00	6,640.70	6,639.15	320.50	1.79	-87.88	-438.71	-13,344.60	2,681.33	2,365.18	316.15	8.481		
18,000.00	6,840.00	6,639.79	6,638.24	323.19	1.79	-87.86	-438.68	-13,344.61	2,654.20	2,333.50	320.70	8.276		
18,100.00	6,840.00	6,638.86	6,637.31	325.87	1.79	-87.84	-438.64	-13,344.62	2,630.59	2,305.69	324.91	8.096		
18,200.00	6,840.00	6,637.91	6,636.36	328.56	1.79	-87.82	-438.60	-13,344.63	2,610.60	2,281.85	328.75	7.941		
18,300.00	6,840.00	6,636.95	6,635.40	331.25	1.79	-87.80	-438.56	-13,344.65	2,594.32	2,262.13	332.18	7.810		
18,400.00	6,840.00	6,635.97	6,634.43	333.94	1.79	-87.78	-438.52	-13,344.66	2,581.80	2,246.62	335.18	7.703		
18,500.00	6,840.00	6,634.98	6,633.43	336.63	1.79	-87.75	-438.48	-13,344.67	2,573.12	2,235.40	337.72	7.619		
18,600.00	6,840.00	6,633.97	6,632.42	339.32	1.79	-87.73	-438.44	-13,344.68	2,568.30	2,228.52	339.77	7.559		
18,673.91	6,840.00	6,633.21	6,631.67	341.30	1.79	-87.72	-438.41	-13,344.69	2,567.23	2,226.26	340.97	7.529 CC		
18,700.00	6,840.00	6,632.94	6,631.40	342.01	1.79	-87.71	-438.40	-13,344.70	2,567.37	2,226.04	341.33	7.522 ES		
18,800.00	6,840.00	6,631.90	6,630.35	344.70	1.79	-87.69	-438.36	-13,344.71	2,570.33	2,227.96	342.37	7.507 SF		
18,900.00	6,840.00	6,630.83	6,629.29	347.39	1.79	-87.66	-438.32	-13,344.72	2,577.17	2,234.26	342.91	7.516		
19,000.00	6,840.00	6,629.75	6,628.21	350.08	1.79	-87.64	-438.27	-13,344.74	2,587.86	2,244.92	342.94	7.546		
19,100.00	6,840.00	6,628.65	6,627.11	352.77	1.79	-87.61	-438.23	-13,344.75	2,602.35	2,259.86	342.48	7.598		
19,200.00	6,840.00	6,627.53	6,625.99	355.46	1.79	-87.59	-438.19	-13,344.76	2,620.58	2,279.02	341.55	7.673		
19,300.00	6,840.00	6,626.39	6,624.85	358.16	1.79	-87.56	-438.14	-13,344.78	2,642.47	2,302.29	340.17	7.768		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,400.00	6,840.00	6,625.22	6,623.69	360.85	1.79	-87.54	-438.10	-13,344.80	2,667.92	2,329.55	338.37	7.885	
19,500.00	6,840.00	6,624.04	6,622.50	363.54	1.79	-87.51	-438.05	-13,344.81	2,696.85	2,360.67	336.18	8.022	
19,600.00	6,840.00	6,622.84	6,621.30	366.24	1.79	-87.48	-438.00	-13,344.83	2,729.14	2,395.50	333.64	8.180	
19,700.00	6,840.00	6,621.61	6,620.07	368.93	1.79	-87.46	-437.96	-13,344.84	2,764.67	2,433.90	330.77	8.358	
19,800.00	6,840.00	6,620.36	6,618.82	371.63	1.79	-87.43	-437.91	-13,344.86	2,803.32	2,475.69	327.62	8.557	
19,900.00	6,840.00	6,619.08	6,617.55	374.32	1.79	-87.40	-437.86	-13,344.88	2,844.95	2,520.73	324.23	8.775	
20,000.00	6,840.00	6,617.78	6,616.25	377.02	1.79	-87.37	-437.81	-13,344.90	2,889.45	2,568.83	320.62	9.012	
20,100.00	6,840.00	6,616.46	6,614.93	379.71	1.79	-87.34	-437.76	-13,344.92	2,936.69	2,619.85	316.84	9.269	
20,200.00	6,840.00	6,615.11	6,613.58	382.41	1.79	-87.31	-437.70	-13,344.94	2,986.52	2,673.61	312.91	9.544	
20,300.00	6,840.00	6,613.73	6,612.20	385.11	1.79	-87.28	-437.65	-13,344.95	3,038.83	2,729.96	308.86	9.839	
20,400.00	6,840.00	6,612.33	6,610.80	387.80	1.79	-87.25	-437.60	-13,344.98	3,093.48	2,788.75	304.73	10.152	
20,500.00	6,840.00	6,610.89	6,609.37	390.50	1.79	-87.22	-437.54	-13,345.00	3,150.36	2,849.83	300.54	10.482	
20,600.00	6,840.00	6,609.43	6,607.91	393.20	1.79	-87.18	-437.49	-13,345.02	3,209.35	2,913.05	296.30	10.831	
20,691.67	6,840.00	6,608.06	6,606.54	395.67	1.79	-87.15	-437.44	-13,345.04	3,265.18	2,972.77	292.41	11.167	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,300.00	6,840.00	6,759.00	6,759.00	121.11	117.01	90.00	2,443.17	-14,950.97	9,997.56	9,834.56	163.00	61.334		
10,400.00	6,840.00	6,759.00	6,759.00	123.57	117.01	90.00	2,443.17	-14,950.97	9,897.61	9,734.66	162.95	60.739		
10,500.00	6,840.00	6,759.00	6,759.00	126.04	117.01	90.00	2,443.17	-14,950.97	9,797.66	9,634.75	162.90	60.144		
10,600.00	6,840.00	6,759.00	6,759.00	128.52	117.01	90.00	2,443.17	-14,950.97	9,697.71	9,534.86	162.85	59.549		
10,700.00	6,840.00	6,759.00	6,759.00	131.01	117.01	90.00	2,443.17	-14,950.97	9,597.76	9,434.96	162.80	58.954		
10,800.00	6,840.00	6,759.00	6,759.00	133.51	117.01	90.00	2,443.17	-14,950.97	9,497.81	9,335.06	162.75	58.359		
10,900.00	6,840.00	6,759.00	6,759.00	136.02	117.01	90.00	2,443.17	-14,950.97	9,397.86	9,235.17	162.70	57.763		
11,000.00	6,840.00	6,759.00	6,759.00	138.53	117.01	90.00	2,443.17	-14,950.97	9,297.92	9,135.28	162.64	57.168		
11,100.00	6,840.00	6,759.00	6,759.00	141.06	117.01	90.00	2,443.17	-14,950.97	9,197.98	9,035.39	162.59	56.573		
11,200.00	6,840.00	6,759.00	6,759.00	143.59	117.01	90.00	2,443.17	-14,950.97	9,098.03	8,935.50	162.53	55.977		
11,300.00	6,840.00	6,759.00	6,759.00	146.13	117.01	90.00	2,443.17	-14,950.97	8,998.09	8,835.62	162.47	55.382		
11,400.00	6,840.00	6,759.00	6,759.00	148.68	117.01	90.00	2,443.17	-14,950.97	8,898.15	8,735.73	162.42	54.786		
11,500.00	6,840.00	6,759.00	6,759.00	151.23	117.01	90.00	2,443.17	-14,950.97	8,798.21	8,635.85	162.36	54.190		
11,600.00	6,840.00	6,759.00	6,759.00	153.79	117.01	90.00	2,443.17	-14,950.97	8,698.27	8,535.98	162.30	53.595		
11,700.00	6,840.00	6,759.00	6,759.00	156.35	117.01	90.00	2,443.17	-14,950.97	8,598.34	8,436.10	162.24	52.999		
11,800.00	6,840.00	6,759.00	6,759.00	158.92	117.01	90.00	2,443.17	-14,950.97	8,498.40	8,336.23	162.17	52.403		
11,900.00	6,840.00	6,759.00	6,759.00	161.49	117.01	90.00	2,443.17	-14,950.97	8,398.47	8,236.36	162.11	51.807		
12,000.00	6,840.00	6,759.00	6,759.00	164.07	117.01	90.00	2,443.17	-14,950.97	8,298.54	8,136.50	162.04	51.212		
12,100.00	6,840.00	6,759.00	6,759.00	166.66	117.01	90.00	2,443.17	-14,950.97	8,198.61	8,036.63	161.98	50.616		
12,200.00	6,840.00	6,759.00	6,759.00	169.25	117.01	90.00	2,443.17	-14,950.97	8,098.68	7,936.77	161.91	50.020		
12,300.00	6,840.00	6,759.00	6,759.00	171.84	117.01	90.00	2,443.17	-14,950.97	7,998.76	7,836.92	161.84	49.424		
12,400.00	6,840.00	6,759.00	6,759.00	174.44	117.01	90.00	2,443.17	-14,950.97	7,898.83	7,737.06	161.77	48.828		
12,500.00	6,840.00	6,759.00	6,759.00	177.04	117.01	90.00	2,443.17	-14,950.97	7,798.91	7,637.21	161.70	48.232		
12,600.00	6,840.00	6,759.00	6,759.00	179.64	117.01	90.00	2,443.17	-14,950.97	7,698.99	7,537.37	161.62	47.636		
12,700.00	6,840.00	6,759.00	6,759.00	182.25	117.01	90.00	2,443.17	-14,950.97	7,599.07	7,437.52	161.55	47.040		
12,800.00	6,840.00	6,759.00	6,759.00	184.86	117.01	90.00	2,443.17	-14,950.97	7,499.16	7,337.69	161.47	46.443		
12,900.00	6,840.00	6,759.00	6,759.00	187.47	117.01	90.00	2,443.17	-14,950.97	7,399.24	7,237.85	161.39	45.847		
13,000.00	6,840.00	6,759.00	6,759.00	190.09	117.01	90.00	2,443.17	-14,950.97	7,299.33	7,138.02	161.31	45.251		
13,100.00	6,840.00	6,759.00	6,759.00	192.71	117.01	90.00	2,443.17	-14,950.97	7,199.42	7,038.20	161.23	44.654		
13,200.00	6,840.00	6,759.00	6,759.00	195.34	117.01	90.00	2,443.17	-14,950.97	7,099.51	6,938.37	161.14	44.058		
13,300.00	6,840.00	6,759.00	6,759.00	197.96	117.01	90.00	2,443.17	-14,950.97	6,999.61	6,838.56	161.05	43.462		
13,400.00	6,840.00	6,759.00	6,759.00	200.59	117.01	90.00	2,443.17	-14,950.97	6,899.71	6,738.75	160.96	42.865		
13,500.00	6,840.00	6,759.00	6,759.00	203.22	117.01	90.00	2,443.17	-14,950.97	6,799.81	6,638.94	160.87	42.268		
13,600.00	6,840.00	6,759.00	6,759.00	205.85	117.01	90.00	2,443.17	-14,950.97	6,699.92	6,539.14	160.78	41.672		
13,700.00	6,840.00	6,759.00	6,759.00	208.49	117.01	90.00	2,443.17	-14,950.97	6,600.03	6,439.34	160.68	41.075		
13,800.00	6,840.00	6,759.00	6,759.00	211.13	117.01	90.00	2,443.17	-14,950.97	6,500.14	6,339.55	160.59	40.478		
13,900.00	6,840.00	6,759.00	6,759.00	213.77	117.01	90.00	2,443.17	-14,950.97	6,400.25	6,239.77	160.48	39.881		
14,000.00	6,840.00	6,759.00	6,759.00	216.41	117.01	90.00	2,443.17	-14,950.97	6,300.37	6,139.99	160.38	39.284		
14,100.00	6,840.00	6,759.00	6,759.00	219.06	117.01	90.00	2,443.17	-14,950.97	6,200.49	6,040.22	160.28	38.686		
14,200.00	6,840.00	6,759.00	6,759.00	221.70	117.01	90.00	2,443.17	-14,950.97	6,100.62	5,940.45	160.17	38.089		
14,300.00	6,840.00	6,759.00	6,759.00	224.35	117.01	90.00	2,443.17	-14,950.97	6,000.75	5,840.69	160.06	37.491		
14,400.00	6,840.00	6,759.00	6,759.00	227.00	117.01	90.00	2,443.17	-14,950.97	5,900.89	5,740.94	159.95	36.893		
14,500.00	6,840.00	6,759.00	6,759.00	229.65	117.01	90.00	2,443.17	-14,950.97	5,801.03	5,641.20	159.83	36.295		
14,600.00	6,840.00	6,759.00	6,759.00	232.30	117.01	90.00	2,443.17	-14,950.97	5,701.17	5,541.46	159.71	35.697		
14,700.00	6,840.00	6,759.00	6,759.00	234.96	117.01	90.00	2,443.17	-14,950.97	5,601.32	5,441.73	159.59	35.098		
14,800.00	6,840.00	6,759.00	6,759.00	237.61	117.01	90.00	2,443.17	-14,950.97	5,501.48	5,342.01	159.47	34.499		
14,900.00	6,840.00	6,759.00	6,759.00	240.27	117.01	90.00	2,443.17	-14,950.97	5,401.64	5,242.30	159.34	33.900		
15,000.00	6,840.00	6,759.00	6,759.00	242.93	117.01	90.00	2,443.17	-14,950.97	5,301.80	5,142.59	159.21	33.301		
15,100.00	6,840.00	6,759.00	6,759.00	245.59	117.01	90.00	2,443.17	-14,950.97	5,201.98	5,042.90	159.08	32.701		
15,200.00	6,840.00	6,759.00	6,759.00	248.25	117.01	90.00	2,443.17	-14,950.97	5,102.16	4,943.21	158.94	32.100		
15,300.00	6,840.00	6,759.00	6,759.00	250.92	117.01	90.00	2,443.17	-14,950.97	5,002.35	4,843.54	158.81	31.499		
15,400.00	6,840.00	6,759.00	6,759.00	253.58	117.01	90.00	2,443.17	-14,950.97	4,902.54	4,743.87	158.67	30.898		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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-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	6,759.00	6,759.00	256.25	117.01	90.00	2,443.17	-14,950.97	4,802.74	4,644.22	158.53	30.296		
15,600.00	6,840.00	6,759.00	6,759.00	258.91	117.01	90.00	2,443.17	-14,950.97	4,702.96	4,544.57	158.38	29.693		
15,700.00	6,840.00	6,759.00	6,759.00	261.58	117.01	90.00	2,443.17	-14,950.97	4,603.18	4,444.94	158.24	29.090		
15,800.00	6,840.00	6,759.00	6,759.00	264.25	117.01	90.00	2,443.17	-14,950.97	4,503.41	4,345.31	158.09	28.486		
15,900.00	6,840.00	6,759.00	6,759.00	266.92	117.01	90.00	2,443.17	-14,950.97	4,403.65	4,245.70	157.95	27.881		
16,000.00	6,840.00	6,759.00	6,759.00	269.59	117.01	90.00	2,443.17	-14,950.97	4,303.90	4,146.10	157.80	27.274		
16,100.00	6,840.00	6,759.00	6,759.00	272.26	117.01	90.00	2,443.17	-14,950.97	4,204.17	4,046.51	157.65	26.667		
16,200.00	6,840.00	6,759.00	6,759.00	274.94	117.01	90.00	2,443.17	-14,950.97	4,104.45	3,946.94	157.51	26.059		
16,300.00	6,840.00	6,759.00	6,759.00	277.61	117.01	90.00	2,443.17	-14,950.97	4,004.74	3,847.37	157.36	25.449		
16,400.00	6,840.00	6,759.00	6,759.00	280.28	117.01	90.00	2,443.17	-14,950.97	3,905.04	3,747.82	157.22	24.837		
16,500.00	6,840.00	6,759.00	6,759.00	282.96	117.01	90.00	2,443.17	-14,950.97	3,805.37	3,648.28	157.09	24.224		
16,600.00	6,840.00	6,759.00	6,759.00	285.64	117.01	90.00	2,443.17	-14,950.97	3,705.71	3,548.74	156.96	23.609		
16,700.00	6,840.00	6,759.00	6,759.00	288.31	117.01	90.00	2,443.17	-14,950.97	3,606.06	3,449.22	156.84	22.992		
16,800.00	6,840.00	6,759.00	6,759.00	290.99	117.01	90.00	2,443.17	-14,950.97	3,506.44	3,349.71	156.73	22.372		
16,900.00	6,840.00	6,759.00	6,759.00	293.67	117.01	90.00	2,443.17	-14,950.97	3,406.84	3,250.21	156.64	21.750		
17,000.00	6,840.00	6,759.00	6,759.00	296.35	117.01	90.00	2,443.17	-14,950.97	3,307.27	3,150.71	156.56	21.125		
17,100.00	6,840.00	6,759.00	6,759.00	299.03	117.01	90.00	2,443.17	-14,950.97	3,207.72	3,051.22	156.50	20.496		
17,200.00	6,840.00	6,759.00	6,759.00	301.71	117.01	90.00	2,443.17	-14,950.97	3,108.20	2,951.73	156.48	19.864		
17,300.00	6,840.00	6,759.00	6,759.00	304.39	117.01	90.00	2,443.17	-14,950.97	3,008.72	2,852.24	156.48	19.227		
17,400.00	6,840.00	6,759.00	6,759.00	307.08	117.01	90.00	2,443.17	-14,950.97	2,909.26	2,752.74	156.53	18.586		
17,500.00	6,840.00	6,759.00	6,759.00	309.76	117.01	90.00	2,443.17	-14,950.97	2,809.85	2,653.23	156.62	17.940		
17,600.00	6,840.00	6,759.00	6,759.00	312.44	117.01	90.00	2,443.17	-14,950.97	2,710.48	2,553.70	156.78	17.288		
17,700.00	6,840.00	6,759.00	6,759.00	315.13	117.01	90.00	2,443.17	-14,950.97	2,611.16	2,454.15	157.01	16.630		
17,800.00	6,840.00	6,759.00	6,759.00	317.81	117.01	90.00	2,443.17	-14,950.97	2,511.89	2,354.56	157.34	15.965		
17,900.00	6,840.00	6,759.00	6,759.00	320.50	117.01	90.00	2,443.17	-14,950.97	2,412.68	2,254.92	157.77	15.293		
18,000.00	6,840.00	6,759.00	6,759.00	323.19	117.01	90.00	2,443.17	-14,950.97	2,313.55	2,155.22	158.33	14.612		
18,100.00	6,840.00	6,759.00	6,759.00	325.87	117.01	90.00	2,443.17	-14,950.97	2,214.48	2,055.44	159.05	13.924		
18,200.00	6,840.00	6,759.00	6,759.00	328.56	117.01	90.00	2,443.17	-14,950.97	2,115.51	1,955.55	159.96	13.226		
18,300.00	6,840.00	6,759.00	6,759.00	331.25	117.01	90.00	2,443.17	-14,950.97	2,016.64	1,855.54	161.09	12.518		
18,400.00	6,840.00	6,759.00	6,759.00	333.94	117.01	90.00	2,443.17	-14,950.97	1,917.88	1,755.38	162.51	11.802		
18,500.00	6,840.00	6,759.00	6,759.00	336.63	117.01	90.00	2,443.17	-14,950.97	1,819.26	1,655.02	164.25	11.076		
18,600.00	6,840.00	6,759.00	6,759.00	339.32	117.01	90.00	2,443.17	-14,950.97	1,720.80	1,554.42	166.38	10.342		
18,700.00	6,840.00	6,759.00	6,759.00	342.01	117.01	90.00	2,443.17	-14,950.97	1,622.53	1,453.54	168.99	9.601		
18,800.00	6,840.00	6,759.00	6,759.00	344.70	117.01	90.00	2,443.17	-14,950.97	1,524.49	1,352.32	172.17	8.855		
18,900.00	6,840.00	6,759.00	6,759.00	347.39	117.01	90.00	2,443.17	-14,950.97	1,426.71	1,250.68	176.03	8.105		
19,000.00	6,840.00	6,759.00	6,759.00	350.08	117.01	90.00	2,443.17	-14,950.97	1,329.27	1,148.54	180.73	7.355		
19,100.00	6,840.00	6,759.00	6,759.00	352.77	117.01	90.00	2,443.17	-14,950.97	1,232.23	1,045.79	186.44	6.609		
19,200.00	6,840.00	6,759.00	6,759.00	355.46	117.01	90.00	2,443.17	-14,950.97	1,135.71	942.30	193.42	5.872		
19,300.00	6,840.00	6,759.00	6,759.00	358.16	117.01	90.00	2,443.17	-14,950.97	1,039.85	837.89	201.96	5.149		
19,400.00	6,840.00	6,759.00	6,759.00	360.85	117.01	90.00	2,443.17	-14,950.97	944.84	732.33	212.51	4.446		
19,500.00	6,840.00	6,759.00	6,759.00	363.54	117.01	90.00	2,443.17	-14,950.97	850.98	625.35	225.63	3.772		
19,600.00	6,840.00	6,759.00	6,759.00	366.24	117.01	90.00	2,443.17	-14,950.97	758.70	516.56	242.14	3.133		
19,700.00	6,840.00	6,759.00	6,759.00	368.93	117.01	90.00	2,443.17	-14,950.97	668.63	405.49	263.14	2.541		
19,800.00	6,840.00	6,759.00	6,759.00	371.63	117.01	90.00	2,443.17	-14,950.97	581.82	291.68	290.13	2.005		
19,900.00	6,840.00	6,759.00	6,759.00	374.32	117.01	90.00	2,443.17	-14,950.97	499.96	174.97	324.98	1.538		
20,000.00	6,840.00	6,759.00	6,759.00	377.02	117.01	90.00	2,443.17	-14,950.97	425.91	56.64	369.27	1.153	Level 2	
20,100.00	6,840.00	6,759.00	6,759.00	379.71	117.01	90.00	2,443.17	-14,950.97	364.48	-57.35	421.83	0.864	Level 1	
20,200.00	6,840.00	6,759.00	6,759.00	382.41	117.01	90.00	2,443.17	-14,950.97	322.94	-149.97	472.91	0.683	Level 1	
20,292.77	6,840.00	6,759.00	6,759.00	384.91	117.01	90.00	2,443.17	-14,950.97	309.33	-191.22	500.55	0.618	Level 1, CC	
20,300.00	6,840.00	6,759.00	6,759.00	385.11	117.01	90.00	2,443.17	-14,950.97	309.42	-191.98	501.39	0.617	Level 1, ES, SF	
20,400.00	6,840.00	6,759.00	6,759.00	387.80	117.01	90.00	2,443.17	-14,950.97	327.39	-165.56	492.95	0.664	Level 1	
20,500.00	6,840.00	6,759.00	6,759.00	390.50	117.01	90.00	2,443.17	-14,950.97	372.33	-86.74	459.07	0.811	Level 1	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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-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	
20,600.00	6,840.00	6,759.00	6,759.00	393.20	117.01	90.00	2,443.17	-14,950.97	435.98	16.74	419.24	1.040	Level 2
20,691.67	6,840.00	6,759.00	6,759.00	395.67	117.01	90.00	2,443.17	-14,950.97	504.78	118.54	386.24	1.307	Level 3

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	6,789.78	6,788.70	123.57	1.67	-90.70	-2,118.49	-14,127.22	9,996.98	9,908.86	88.13	113.439		
10,500.00	6,840.00	6,788.90	6,787.82	126.04	1.67	-90.69	-2,118.48	-14,127.22	9,906.56	9,817.04	89.52	110.666		
10,600.00	6,840.00	6,788.03	6,786.94	128.52	1.67	-90.67	-2,118.48	-14,127.23	9,816.32	9,725.38	90.94	107.945		
10,700.00	6,840.00	6,787.15	6,786.06	131.01	1.67	-90.66	-2,118.47	-14,127.24	9,726.27	9,633.88	92.39	105.275		
10,800.00	6,840.00	6,786.27	6,785.19	133.51	1.67	-90.65	-2,118.47	-14,127.25	9,636.41	9,542.54	93.87	102.657		
10,900.00	6,840.00	6,785.40	6,784.31	136.02	1.67	-90.64	-2,118.46	-14,127.25	9,546.76	9,451.38	95.38	100.089		
11,000.00	6,840.00	6,784.52	6,783.44	138.53	1.67	-90.63	-2,118.46	-14,127.26	9,457.31	9,360.39	96.93	97.572		
11,100.00	6,840.00	6,783.65	6,782.56	141.06	1.67	-90.61	-2,118.45	-14,127.27	9,368.08	9,269.58	98.50	95.105		
11,200.00	6,840.00	6,782.78	6,781.69	143.59	1.67	-90.60	-2,118.45	-14,127.28	9,279.07	9,178.96	100.11	92.687		
11,300.00	6,840.00	6,781.90	6,780.82	146.13	1.67	-90.59	-2,118.44	-14,127.28	9,190.28	9,088.53	101.75	90.318		
11,400.00	6,840.00	6,781.03	6,779.95	148.68	1.67	-90.58	-2,118.44	-14,127.29	9,101.73	8,998.30	103.43	87.997		
11,500.00	6,840.00	6,780.16	6,779.08	151.23	1.67	-90.57	-2,118.43	-14,127.30	9,013.41	8,908.27	105.14	85.724		
11,600.00	6,840.00	6,779.29	6,778.21	153.79	1.67	-90.56	-2,118.43	-14,127.31	8,925.35	8,818.45	106.89	83.499		
11,700.00	6,840.00	6,778.42	6,777.34	156.35	1.67	-90.54	-2,118.42	-14,127.31	8,837.53	8,728.86	108.68	81.320		
11,800.00	6,840.00	6,777.55	6,776.47	158.92	1.67	-90.53	-2,118.42	-14,127.32	8,749.98	8,639.48	110.50	79.187		
11,900.00	6,840.00	6,776.69	6,775.60	161.49	1.67	-90.52	-2,118.41	-14,127.33	8,662.70	8,550.34	112.36	77.099		
12,000.00	6,840.00	6,775.82	6,774.74	164.07	1.67	-90.51	-2,118.41	-14,127.33	8,575.69	8,461.43	114.26	75.057		
12,100.00	6,840.00	6,774.95	6,773.87	166.66	1.67	-90.50	-2,118.40	-14,127.34	8,488.97	8,372.78	116.19	73.059		
12,200.00	6,840.00	6,774.09	6,773.01	169.25	1.67	-90.49	-2,118.39	-14,127.35	8,402.55	8,284.37	118.17	71.104		
12,300.00	6,840.00	6,773.23	6,772.14	171.84	1.67	-90.47	-2,118.39	-14,127.36	8,316.43	8,196.23	120.19	69.193		
12,400.00	6,840.00	6,772.36	6,771.28	174.44	1.67	-90.46	-2,118.38	-14,127.36	8,230.62	8,108.37	122.25	67.324		
12,500.00	6,840.00	6,771.50	6,770.42	177.04	1.67	-90.45	-2,118.38	-14,127.37	8,145.14	8,020.78	124.36	65.498		
12,600.00	6,840.00	6,770.64	6,769.56	179.64	1.67	-90.44	-2,118.37	-14,127.38	8,059.99	7,933.48	126.51	63.712		
12,700.00	6,840.00	6,769.78	6,768.69	182.25	1.67	-90.43	-2,118.37	-14,127.39	7,975.18	7,846.49	128.70	61.968		
12,800.00	6,840.00	6,768.92	6,767.83	184.86	1.67	-90.42	-2,118.36	-14,127.39	7,890.74	7,759.80	130.94	60.264		
12,900.00	6,840.00	6,768.06	6,766.98	187.47	1.67	-90.40	-2,118.36	-14,127.40	7,806.65	7,673.43	133.22	58.599		
13,000.00	6,840.00	6,767.20	6,766.12	190.09	1.67	-90.39	-2,118.35	-14,127.41	7,722.95	7,587.40	135.55	56.974		
13,100.00	6,840.00	6,766.34	6,765.26	192.71	1.67	-90.38	-2,118.35	-14,127.41	7,639.64	7,501.71	137.93	55.387		
13,200.00	6,840.00	6,765.49	6,764.40	195.34	1.67	-90.37	-2,118.34	-14,127.42	7,556.74	7,416.38	140.36	53.838		
13,300.00	6,840.00	6,764.63	6,763.55	197.96	1.67	-90.36	-2,118.34	-14,127.43	7,474.25	7,331.41	142.84	52.326		
13,400.00	6,840.00	6,763.77	6,762.69	200.59	1.67	-90.35	-2,118.33	-14,127.44	7,392.20	7,246.83	145.37	50.851		
13,500.00	6,840.00	6,762.92	6,761.84	203.22	1.67	-90.33	-2,118.33	-14,127.44	7,310.59	7,162.64	147.95	49.412		
13,600.00	6,840.00	6,762.07	6,760.98	205.85	1.67	-90.32	-2,118.32	-14,127.45	7,229.44	7,078.86	150.59	48.009		
13,700.00	6,840.00	6,761.21	6,760.13	208.49	1.67	-90.31	-2,118.32	-14,127.46	7,148.78	6,995.50	153.27	46.640		
13,800.00	6,840.00	6,760.36	6,759.28	211.13	1.67	-90.30	-2,118.31	-14,127.46	7,068.60	6,912.58	156.02	45.307		
13,900.00	6,840.00	6,759.51	6,758.43	213.77	1.67	-90.29	-2,118.31	-14,127.47	6,988.94	6,830.12	158.81	44.007		
14,000.00	6,840.00	6,758.66	6,757.58	216.41	1.67	-90.28	-2,118.30	-14,127.48	6,909.80	6,748.14	161.67	42.741		
14,100.00	6,840.00	6,757.81	6,756.73	219.06	1.67	-90.27	-2,118.30	-14,127.49	6,831.22	6,666.64	164.58	41.507		
14,200.00	6,840.00	6,756.96	6,755.88	221.70	1.67	-90.25	-2,118.29	-14,127.49	6,753.20	6,585.65	167.55	40.306		
14,300.00	6,840.00	6,756.11	6,755.03	224.35	1.67	-90.24	-2,118.29	-14,127.50	6,675.76	6,505.19	170.57	39.137		
14,400.00	6,840.00	6,755.27	6,754.18	227.00	1.67	-90.23	-2,118.28	-14,127.51	6,598.93	6,425.27	173.66	38.000		
14,500.00	6,840.00	6,754.42	6,753.34	229.65	1.67	-90.22	-2,118.28	-14,127.51	6,522.73	6,345.93	176.80	36.893		
14,600.00	6,840.00	6,753.57	6,752.49	232.30	1.67	-90.21	-2,118.27	-14,127.52	6,447.18	6,267.18	180.01	35.816		
14,700.00	6,840.00	6,752.73	6,751.65	234.96	1.67	-90.20	-2,118.27	-14,127.53	6,372.31	6,189.03	183.27	34.770		
14,800.00	6,840.00	6,751.89	6,750.80	237.61	1.67	-90.19	-2,118.26	-14,127.54	6,298.13	6,111.53	186.60	33.752		
14,900.00	6,840.00	6,751.04	6,749.96	240.27	1.67	-90.17	-2,118.26	-14,127.54	6,224.67	6,034.69	189.98	32.764		
15,000.00	6,840.00	6,750.20	6,749.12	242.93	1.67	-90.16	-2,118.25	-14,127.55	6,151.96	5,958.53	193.43	31.804		
15,100.00	6,840.00	6,749.36	6,748.28	245.59	1.67	-90.15	-2,118.25	-14,127.56	6,080.03	5,883.09	196.94	30.872		
15,200.00	6,840.00	6,748.52	6,747.43	248.25	1.67	-90.14	-2,118.24	-14,127.56	6,008.90	5,808.39	200.51	29.968		
15,300.00	6,840.00	6,747.68	6,746.59	250.92	1.67	-90.13	-2,118.24	-14,127.57	5,938.60	5,734.46	204.14	29.090		
15,400.00	6,840.00	6,746.84	6,745.75	253.58	1.67	-90.12	-2,118.23	-14,127.58	5,869.17	5,661.33	207.83	28.240		
15,500.00	6,840.00	6,746.00	6,744.92	256.25	1.67	-90.11	-2,118.23	-14,127.58	5,800.62	5,589.04	211.58	27.415		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,600.00	6,840.00	6,745.16	6,744.08	258.91	1.67	-90.10	-2,118.22	-14,127.59	5,733.00	5,517.61	215.39	26.616		
15,700.00	6,840.00	6,744.32	6,743.24	261.58	1.67	-90.08	-2,118.22	-14,127.60	5,666.34	5,447.08	219.26	25.843		
15,800.00	6,840.00	6,743.49	6,742.40	264.25	1.67	-90.07	-2,118.21	-14,127.60	5,600.67	5,377.49	223.18	25.095		
15,900.00	6,840.00	6,742.65	6,741.57	266.92	1.67	-90.06	-2,118.21	-14,127.61	5,536.03	5,308.87	227.16	24.371		
16,000.00	6,840.00	6,741.82	6,740.73	269.59	1.67	-90.05	-2,118.20	-14,127.62	5,472.45	5,241.26	231.19	23.671		
16,100.00	6,840.00	6,740.98	6,739.90	272.26	1.67	-90.04	-2,118.20	-14,127.63	5,409.98	5,174.71	235.27	22.995		
16,200.00	6,840.00	6,740.15	6,739.07	274.94	1.67	-90.03	-2,118.19	-14,127.63	5,348.64	5,109.24	239.40	22.342		
16,300.00	6,840.00	6,739.32	6,738.23	277.61	1.67	-90.02	-2,118.19	-14,127.64	5,288.48	5,044.91	243.58	21.712		
16,400.00	6,840.00	6,738.48	6,737.40	280.28	1.67	-90.01	-2,118.18	-14,127.65	5,229.55	4,981.75	247.79	21.105		
16,500.00	6,840.00	6,737.65	6,736.57	282.96	1.67	-89.99	-2,118.18	-14,127.65	5,171.87	4,919.82	252.05	20.519		
16,600.00	6,840.00	6,736.82	6,735.74	285.64	1.67	-89.98	-2,118.17	-14,127.66	5,115.50	4,859.17	256.34	19.956		
16,700.00	6,840.00	6,735.99	6,734.91	288.31	1.67	-89.97	-2,118.17	-14,127.67	5,060.48	4,799.82	260.66	19.414		
16,800.00	6,840.00	6,735.16	6,734.08	290.99	1.67	-89.96	-2,118.16	-14,127.67	5,006.85	4,741.85	265.00	18.894		
16,900.00	6,840.00	6,734.34	6,733.25	293.67	1.67	-89.95	-2,118.16	-14,127.68	4,954.66	4,685.29	269.36	18.394		
17,000.00	6,840.00	6,733.51	6,732.43	296.35	1.67	-89.94	-2,118.15	-14,127.69	4,903.95	4,630.21	273.74	17.915		
17,100.00	6,840.00	6,732.68	6,731.60	299.03	1.67	-89.93	-2,118.15	-14,127.69	4,854.77	4,576.65	278.13	17.455		
17,200.00	6,840.00	6,731.86	6,730.78	301.71	1.67	-89.92	-2,118.14	-14,127.70	4,807.17	4,524.66	282.51	17.016		
17,300.00	6,840.00	6,731.03	6,729.95	304.39	1.67	-89.90	-2,118.14	-14,127.71	4,761.20	4,474.30	286.89	16.596		
17,400.00	6,840.00	6,730.21	6,729.13	307.08	1.67	-89.89	-2,118.13	-14,127.71	4,716.89	4,425.63	291.26	16.195		
17,500.00	6,840.00	6,729.38	6,728.30	309.76	1.67	-89.88	-2,118.13	-14,127.72	4,674.31	4,378.70	295.60	15.813		
17,600.00	6,840.00	6,728.56	6,727.48	312.44	1.67	-89.87	-2,118.13	-14,127.73	4,633.49	4,333.57	299.92	15.449		
17,700.00	6,840.00	6,727.74	6,726.66	315.13	1.67	-89.86	-2,118.12	-14,127.73	4,594.49	4,290.30	304.19	15.104		
17,800.00	6,840.00	6,726.92	6,725.84	317.81	1.67	-89.85	-2,118.12	-14,127.74	4,557.35	4,248.93	308.42	14.777		
17,900.00	6,840.00	6,726.10	6,725.02	320.50	1.67	-89.84	-2,118.11	-14,127.75	4,522.11	4,209.53	312.58	14.467		
18,000.00	6,840.00	6,725.28	6,724.20	323.19	1.67	-89.83	-2,118.11	-14,127.75	4,488.83	4,172.14	316.68	14.175		
18,100.00	6,840.00	6,724.46	6,723.38	325.87	1.67	-89.82	-2,118.10	-14,127.76	4,457.54	4,136.83	320.70	13.899		
18,200.00	6,840.00	6,723.64	6,722.56	328.56	1.67	-89.81	-2,118.10	-14,127.77	4,428.29	4,103.65	324.63	13.641		
18,300.00	6,840.00	6,722.82	6,721.74	331.25	1.67	-89.79	-2,118.09	-14,127.78	4,401.11	4,072.65	328.47	13.399		
18,400.00	6,840.00	6,722.01	6,720.93	333.94	1.67	-89.78	-2,118.09	-14,127.78	4,376.06	4,043.86	332.19	13.173		
18,500.00	6,840.00	6,721.19	6,720.11	336.63	1.67	-89.77	-2,118.08	-14,127.79	4,353.15	4,017.36	335.80	12.964		
18,600.00	6,840.00	6,720.38	6,719.29	339.32	1.66	-89.76	-2,118.08	-14,127.80	4,332.44	3,993.17	339.27	12.770		
18,700.00	6,840.00	6,719.56	6,718.48	342.01	1.66	-89.75	-2,118.07	-14,127.80	4,313.94	3,971.33	342.61	12.592		
18,800.00	6,840.00	6,718.75	6,717.67	344.70	1.66	-89.74	-2,118.07	-14,127.81	4,297.69	3,951.89	345.79	12.428		
18,900.00	6,840.00	6,717.93	6,716.85	347.39	1.66	-89.73	-2,118.06	-14,127.82	4,283.71	3,934.89	348.83	12.280		
19,000.00	6,840.00	6,717.12	6,716.04	350.08	1.66	-89.72	-2,118.06	-14,127.82	4,272.03	3,920.34	351.69	12.147		
19,100.00	6,840.00	6,716.31	6,715.23	352.77	1.66	-89.71	-2,118.05	-14,127.83	4,262.67	3,908.28	354.39	12.028		
19,200.00	6,840.00	6,715.50	6,714.42	355.46	1.66	-89.70	-2,118.05	-14,127.83	4,255.63	3,898.73	356.90	11.924		
19,300.00	6,840.00	6,714.69	6,713.61	358.16	1.66	-89.68	-2,118.04	-14,127.84	4,250.94	3,891.71	359.23	11.834		
19,400.00	6,840.00	6,713.88	6,712.80	360.85	1.66	-89.67	-2,118.04	-14,127.85	4,248.59	3,887.22	361.36	11.757		
19,449.71	6,840.00	6,713.48	6,712.40	362.19	1.66	-89.67	-2,118.04	-14,127.85	4,248.30	3,885.94	362.35	11.724 CC		
19,500.00	6,840.00	6,713.07	6,711.99	363.54	1.66	-89.66	-2,118.03	-14,127.85	4,248.60	3,885.29	363.31	11.694 ES		
19,600.00	6,840.00	6,713.07	6,711.99	366.24	1.66	-89.66	-2,118.03	-14,127.86	4,250.95	3,885.90	365.05	11.645		
19,700.00	6,840.00	6,712.22	6,711.14	368.93	1.66	-89.65	-2,118.03	-14,127.86	4,255.66	3,889.07	366.60	11.609		
19,800.00	6,840.00	6,711.37	6,710.29	371.63	1.66	-89.64	-2,118.02	-14,127.87	4,262.71	3,894.78	367.94	11.585		
19,900.00	6,840.00	6,710.52	6,709.44	374.32	1.66	-89.63	-2,118.02	-14,127.88	4,272.09	3,903.01	369.08	11.575 SF		
20,000.00	6,840.00	6,709.67	6,708.59	377.02	1.66	-89.62	-2,118.01	-14,127.88	4,283.79	3,913.77	370.02	11.577		
20,100.00	6,840.00	6,708.82	6,707.74	379.71	1.66	-89.61	-2,118.01	-14,127.89	4,297.78	3,927.02	370.76	11.592		
20,200.00	6,840.00	6,707.97	6,706.89	382.41	1.66	-89.59	-2,118.00	-14,127.90	4,314.04	3,942.74	371.30	11.619		
20,300.00	6,840.00	6,707.12	6,706.04	385.11	1.66	-89.58	-2,118.00	-14,127.90	4,332.55	3,960.90	371.65	11.658		
20,400.00	6,840.00	6,706.26	6,705.18	387.80	1.66	-89.57	-2,117.99	-14,127.91	4,353.28	3,981.47	371.81	11.708		
20,500.00	6,840.00	6,705.41	6,704.33	390.50	1.66	-89.56	-2,117.99	-14,127.92	4,376.19	4,004.41	371.78	11.771		
20,600.00	6,840.00	6,704.55	6,703.47	393.20	1.66	-89.55	-2,117.98	-14,127.92	4,401.26	4,029.68	371.58	11.845		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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												
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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						
20,691.67	6,840.00	6,703.77	6,702.69	395.67	1.66	-89.54	-2,117.98	-14,127.93	4,426.10	4,054.86	371.25	11.922							

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
9,500.00	6,840.00	6,722.15	6,721.85	101.95	2.05	-89.98	-1,835.90	-13,303.30	9,949.50	9,872.26	77.24	128.817		
9,600.00	6,840.00	6,721.99	6,721.68	104.29	2.05	-89.98	-1,835.90	-13,303.30	9,857.85	9,779.43	78.43	125.696		
9,700.00	6,840.00	6,721.83	6,721.52	106.64	2.05	-89.98	-1,835.89	-13,303.30	9,766.37	9,686.73	79.64	122.627		
9,800.00	6,840.00	6,721.67	6,721.36	109.02	2.05	-89.98	-1,835.89	-13,303.30	9,675.06	9,594.17	80.89	119.613		
9,900.00	6,840.00	6,721.51	6,721.20	111.41	2.05	-89.97	-1,835.89	-13,303.30	9,583.92	9,501.76	82.16	116.651		
10,000.00	6,840.00	6,721.35	6,721.04	113.81	2.05	-89.97	-1,835.89	-13,303.30	9,492.95	9,409.49	83.46	113.742		
10,100.00	6,840.00	6,721.18	6,720.88	116.23	2.05	-89.97	-1,835.89	-13,303.30	9,402.17	9,317.38	84.79	110.886		
10,200.00	6,840.00	6,721.02	6,720.71	118.67	2.05	-89.97	-1,835.89	-13,303.30	9,311.58	9,225.43	86.15	108.082		
10,300.00	6,840.00	6,720.86	6,720.55	121.11	2.05	-89.96	-1,835.89	-13,303.31	9,221.19	9,133.64	87.55	105.331		
10,400.00	6,840.00	6,720.69	6,720.39	123.57	2.05	-89.96	-1,835.89	-13,303.31	9,130.99	9,042.02	88.97	102.631		
10,500.00	6,840.00	6,720.53	6,720.22	126.04	2.05	-89.96	-1,835.89	-13,303.31	9,041.00	8,950.58	90.42	99.984		
10,600.00	6,840.00	6,720.37	6,720.06	128.52	2.05	-89.96	-1,835.89	-13,303.31	8,951.23	8,859.31	91.91	97.388		
10,700.00	6,840.00	6,720.20	6,719.89	131.01	2.05	-89.96	-1,835.89	-13,303.31	8,861.67	8,768.23	93.44	94.842		
10,800.00	6,840.00	6,720.03	6,719.73	133.51	2.05	-89.95	-1,835.89	-13,303.31	8,772.34	8,677.35	94.99	92.348		
10,900.00	6,840.00	6,719.87	6,719.56	136.02	2.05	-89.95	-1,835.88	-13,303.31	8,683.24	8,586.65	96.58	89.904		
11,000.00	6,840.00	6,719.70	6,719.39	138.53	2.05	-89.95	-1,835.88	-13,303.31	8,594.38	8,496.17	98.21	87.509		
11,100.00	6,840.00	6,719.54	6,719.23	141.06	2.05	-89.95	-1,835.88	-13,303.31	8,505.77	8,405.89	99.88	85.164		
11,200.00	6,840.00	6,719.37	6,719.06	143.59	2.05	-89.94	-1,835.88	-13,303.31	8,417.41	8,315.83	101.58	82.868		
11,300.00	6,840.00	6,719.20	6,718.89	146.13	2.05	-89.94	-1,835.88	-13,303.31	8,329.31	8,226.00	103.32	80.620		
11,400.00	6,840.00	6,719.03	6,718.72	148.68	2.05	-89.94	-1,835.88	-13,303.31	8,241.49	8,136.40	105.09	78.420		
11,500.00	6,840.00	6,718.86	6,718.56	151.23	2.05	-89.94	-1,835.88	-13,303.31	8,153.95	8,047.04	106.91	76.267		
11,600.00	6,840.00	6,718.70	6,718.39	153.79	2.05	-89.93	-1,835.88	-13,303.31	8,066.70	7,957.93	108.77	74.161		
11,700.00	6,840.00	6,718.53	6,718.22	156.35	2.05	-89.93	-1,835.88	-13,303.31	7,979.75	7,869.07	110.67	72.102		
11,800.00	6,840.00	6,718.36	6,718.05	158.92	2.05	-89.93	-1,835.88	-13,303.31	7,893.10	7,780.49	112.62	70.088		
11,900.00	6,840.00	6,718.19	6,717.88	161.49	2.05	-89.93	-1,835.88	-13,303.31	7,806.78	7,692.17	114.60	68.119		
12,000.00	6,840.00	6,718.02	6,717.71	164.07	2.05	-89.92	-1,835.88	-13,303.31	7,720.78	7,604.15	116.64	66.195		
12,100.00	6,840.00	6,717.85	6,717.54	166.66	2.05	-89.92	-1,835.87	-13,303.31	7,635.13	7,516.42	118.71	64.316		
12,200.00	6,840.00	6,717.67	6,717.37	169.25	2.05	-89.92	-1,835.87	-13,303.31	7,549.83	7,428.99	120.84	62.479		
12,300.00	6,840.00	6,717.50	6,717.19	171.84	2.05	-89.92	-1,835.87	-13,303.31	7,464.90	7,341.89	123.01	60.686		
12,400.00	6,840.00	6,717.33	6,717.02	174.44	2.05	-89.91	-1,835.87	-13,303.31	7,380.34	7,255.11	125.23	58.935		
12,500.00	6,840.00	6,717.16	6,716.85	177.04	2.05	-89.91	-1,835.87	-13,303.31	7,296.17	7,168.67	127.50	57.226		
12,600.00	6,840.00	6,716.98	6,716.67	179.64	2.05	-89.91	-1,835.87	-13,303.31	7,212.41	7,082.59	129.82	55.558		
12,700.00	6,840.00	6,716.81	6,716.50	182.25	2.05	-89.91	-1,835.87	-13,303.31	7,129.06	6,996.87	132.19	53.931		
12,800.00	6,840.00	6,716.64	6,716.33	184.86	2.05	-89.90	-1,835.87	-13,303.31	7,046.15	6,911.54	134.61	52.344		
12,900.00	6,840.00	6,716.46	6,716.15	187.47	2.05	-89.90	-1,835.87	-13,303.31	6,963.69	6,826.60	137.09	50.797		
13,000.00	6,840.00	6,716.29	6,715.98	190.09	2.05	-89.90	-1,835.87	-13,303.32	6,881.69	6,742.07	139.62	49.288		
13,100.00	6,840.00	6,716.11	6,715.80	192.71	2.05	-89.90	-1,835.87	-13,303.32	6,800.18	6,657.97	142.21	47.818		
13,200.00	6,840.00	6,715.93	6,715.63	195.34	2.05	-89.89	-1,835.86	-13,303.32	6,719.16	6,574.31	144.85	46.386		
13,300.00	6,840.00	6,715.76	6,715.45	197.96	2.05	-89.89	-1,835.86	-13,303.32	6,638.66	6,491.11	147.56	44.991		
13,400.00	6,840.00	6,715.58	6,715.27	200.59	2.05	-89.89	-1,835.86	-13,303.32	6,558.70	6,408.38	150.32	43.633		
13,500.00	6,840.00	6,715.40	6,715.10	203.22	2.05	-89.89	-1,835.86	-13,303.32	6,479.29	6,326.16	153.14	42.311		
13,600.00	6,840.00	6,715.23	6,714.92	205.85	2.05	-89.88	-1,835.86	-13,303.32	6,400.47	6,244.45	156.02	41.024		
13,700.00	6,840.00	6,715.05	6,714.74	208.49	2.05	-89.88	-1,835.86	-13,303.32	6,322.24	6,163.28	158.96	39.773		
13,800.00	6,840.00	6,714.87	6,714.56	211.13	2.05	-89.88	-1,835.86	-13,303.32	6,244.63	6,082.67	161.96	38.556		
13,900.00	6,840.00	6,714.69	6,714.38	213.77	2.05	-89.88	-1,835.86	-13,303.32	6,167.67	6,002.64	165.03	37.373		
14,000.00	6,840.00	6,714.51	6,714.20	216.41	2.05	-89.87	-1,835.86	-13,303.32	6,091.37	5,923.21	168.16	36.223		
14,100.00	6,840.00	6,714.33	6,714.02	219.06	2.05	-89.87	-1,835.86	-13,303.32	6,015.77	5,844.42	171.36	35.107		
14,200.00	6,840.00	6,714.15	6,713.84	221.70	2.05	-89.87	-1,835.86	-13,303.32	5,940.90	5,766.28	174.62	34.023		
14,300.00	6,840.00	6,713.97	6,713.66	224.35	2.05	-89.86	-1,835.86	-13,303.32	5,866.77	5,688.83	177.94	32.970		
14,400.00	6,840.00	6,713.79	6,713.48	227.00	2.05	-89.86	-1,835.85	-13,303.32	5,793.42	5,612.09	181.33	31.950		
14,500.00	6,840.00	6,713.61	6,713.30	229.65	2.05	-89.86	-1,835.85	-13,303.32	5,720.87	5,536.09	184.78	30.960		
14,600.00	6,840.00	6,713.42	6,713.11	232.30	2.05	-89.86	-1,835.85	-13,303.32	5,649.17	5,460.86	188.31	30.000		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,700.00	6,840.00	6,713.24	6,712.93	234.96	2.05	-89.85	-1,835.85	-13,303.32	5,578.34	5,386.45	191.89	29.070		
14,800.00	6,840.00	6,713.06	6,712.75	237.61	2.05	-89.85	-1,835.85	-13,303.32	5,508.41	5,312.87	195.54	28.170		
14,900.00	6,840.00	6,720.64	6,720.34	240.27	2.05	-89.96	-1,835.87	-13,303.30	5,439.41	5,240.15	199.26	27.298		
15,000.00	6,840.00	6,720.25	6,719.94	242.93	2.05	-89.96	-1,835.87	-13,303.30	5,371.39	5,168.36	203.03	26.456		
15,100.00	6,840.00	6,719.86	6,719.55	245.59	2.05	-89.95	-1,835.87	-13,303.30	5,304.39	5,097.52	206.87	25.641		
15,200.00	6,840.00	6,719.47	6,719.16	248.25	2.05	-89.94	-1,835.87	-13,303.30	5,238.44	5,027.67	210.77	24.854		
15,300.00	6,840.00	6,719.08	6,718.77	250.92	2.05	-89.94	-1,835.87	-13,303.30	5,173.59	4,958.86	214.73	24.093		
15,400.00	6,840.00	6,718.69	6,718.38	253.58	2.05	-89.93	-1,835.87	-13,303.30	5,109.87	4,891.12	218.74	23.360		
15,500.00	6,840.00	6,718.31	6,718.00	256.25	2.05	-89.93	-1,835.86	-13,303.30	5,047.32	4,824.51	222.81	22.653		
15,600.00	6,840.00	6,717.93	6,717.62	258.91	2.05	-89.92	-1,835.86	-13,303.30	4,986.00	4,759.07	226.93	21.971		
15,700.00	6,840.00	6,717.56	6,717.25	261.58	2.05	-89.92	-1,835.86	-13,303.31	4,925.94	4,694.84	231.10	21.315		
15,800.00	6,840.00	6,717.18	6,716.87	264.25	2.05	-89.91	-1,835.86	-13,303.31	4,867.20	4,631.89	235.31	20.684		
15,900.00	6,840.00	6,716.81	6,716.50	266.92	2.05	-89.91	-1,835.86	-13,303.31	4,809.82	4,570.26	239.56	20.078		
16,000.00	6,840.00	6,716.44	6,716.13	269.59	2.05	-89.90	-1,835.86	-13,303.31	4,753.85	4,510.00	243.84	19.496		
16,100.00	6,840.00	6,716.07	6,715.77	272.26	2.05	-89.90	-1,835.86	-13,303.31	4,699.34	4,451.18	248.16	18.937		
16,200.00	6,840.00	6,715.71	6,715.40	274.94	2.05	-89.89	-1,835.85	-13,303.31	4,646.34	4,393.85	252.49	18.402		
16,300.00	6,840.00	6,715.35	6,715.04	277.61	2.05	-89.88	-1,835.85	-13,303.31	4,594.91	4,338.06	256.85	17.890		
16,400.00	6,840.00	6,714.99	6,714.68	280.28	2.05	-89.88	-1,835.85	-13,303.31	4,545.10	4,283.89	261.21	17.400		
16,500.00	6,840.00	6,714.63	6,714.33	282.96	2.05	-89.87	-1,835.85	-13,303.31	4,496.96	4,231.38	265.58	16.933		
16,600.00	6,840.00	6,714.28	6,713.97	285.64	2.05	-89.87	-1,835.85	-13,303.32	4,450.54	4,180.60	269.94	16.487		
16,700.00	6,840.00	6,713.93	6,713.62	288.31	2.05	-89.86	-1,835.85	-13,303.32	4,405.91	4,131.62	274.29	16.063		
16,800.00	6,840.00	6,713.58	6,713.27	290.99	2.05	-89.86	-1,835.85	-13,303.32	4,363.12	4,084.50	278.61	15.660		
16,900.00	6,840.00	6,713.23	6,712.92	293.67	2.05	-89.85	-1,835.85	-13,303.32	4,322.21	4,039.31	282.90	15.278		
17,000.00	6,840.00	6,712.89	6,712.58	296.35	2.05	-89.85	-1,835.84	-13,303.32	4,283.25	3,996.10	287.15	14.917		
17,100.00	6,840.00	6,712.55	6,712.24	299.03	2.05	-89.84	-1,835.84	-13,303.32	4,246.28	3,954.94	291.34	14.575		
17,200.00	6,840.00	6,712.21	6,711.90	301.71	2.05	-89.84	-1,835.84	-13,303.32	4,211.37	3,915.90	295.47	14.253		
17,300.00	6,840.00	6,711.87	6,711.56	304.39	2.05	-89.83	-1,835.84	-13,303.32	4,178.56	3,879.04	299.51	13.951		
17,400.00	6,840.00	6,711.53	6,711.23	307.08	2.05	-89.83	-1,835.84	-13,303.32	4,147.90	3,844.42	303.47	13.668		
17,500.00	6,840.00	6,711.20	6,710.89	309.76	2.05	-89.82	-1,835.84	-13,303.32	4,119.44	3,812.11	307.33	13.404		
17,600.00	6,840.00	6,710.87	6,710.56	312.44	2.05	-89.82	-1,835.84	-13,303.32	4,093.23	3,782.14	311.08	13.158		
17,700.00	6,840.00	6,710.54	6,710.23	315.13	2.05	-89.82	-1,835.83	-13,303.33	4,069.30	3,754.60	314.70	12.931		
17,800.00	6,840.00	6,710.21	6,709.91	317.81	2.05	-89.81	-1,835.83	-13,303.33	4,047.71	3,729.51	318.19	12.721		
17,900.00	6,840.00	6,709.89	6,709.58	320.50	2.05	-89.81	-1,835.83	-13,303.33	4,028.48	3,706.95	321.53	12.529		
18,000.00	6,840.00	6,709.57	6,709.26	323.19	2.05	-89.80	-1,835.83	-13,303.33	4,011.65	3,686.94	324.71	12.354		
18,100.00	6,840.00	6,709.25	6,708.94	325.87	2.05	-89.80	-1,835.83	-13,303.33	3,997.26	3,669.53	327.73	12.197		
18,200.00	6,840.00	6,708.93	6,708.62	328.56	2.05	-89.79	-1,835.83	-13,303.33	3,985.32	3,654.75	330.57	12.056		
18,300.00	6,840.00	6,708.61	6,708.30	331.25	2.05	-89.79	-1,835.83	-13,303.33	3,975.86	3,642.65	333.22	11.932		
18,400.00	6,840.00	6,708.30	6,707.99	333.94	2.05	-89.78	-1,835.83	-13,303.33	3,968.90	3,633.23	335.67	11.824		
18,500.00	6,840.00	6,707.99	6,707.68	336.63	2.05	-89.78	-1,835.82	-13,303.33	3,964.46	3,626.53	337.93	11.732		
18,600.00	6,840.00	6,707.68	6,707.37	339.32	2.05	-89.77	-1,835.82	-13,303.33	3,962.53	3,622.55	339.98	11.655		
18,626.44	6,840.00	6,707.59	6,707.29	340.03	2.05	-89.77	-1,835.82	-13,303.33	3,962.44	3,621.96	340.48	11.638 CC		
18,700.00	6,840.00	6,707.37	6,707.06	342.01	2.05	-89.77	-1,835.82	-13,303.33	3,963.12	3,621.31	341.81	11.594 ES		
18,800.00	6,840.00	6,707.06	6,706.75	344.70	2.05	-89.77	-1,835.82	-13,303.34	3,966.24	3,622.80	343.44	11.549		
18,900.00	6,840.00	6,706.76	6,706.45	347.39	2.05	-89.76	-1,835.82	-13,303.34	3,971.87	3,627.03	344.84	11.518		
19,000.00	6,840.00	6,706.45	6,706.15	350.08	2.05	-89.76	-1,835.82	-13,303.34	3,980.01	3,633.98	346.03	11.502		
19,100.00	6,840.00	6,706.15	6,705.85	352.77	2.05	-89.75	-1,835.82	-13,303.34	3,990.64	3,643.63	347.00	11.500 SF		
19,200.00	6,840.00	6,705.86	6,705.55	355.46	2.05	-89.75	-1,835.82	-13,303.34	4,003.74	3,655.98	347.76	11.513		
19,300.00	6,840.00	6,705.56	6,705.25	358.16	2.05	-89.74	-1,835.81	-13,303.34	4,019.28	3,670.98	348.30	11.540		
19,400.00	6,840.00	6,705.26	6,704.96	360.85	2.05	-89.74	-1,835.81	-13,303.34	4,037.24	3,688.61	348.64	11.580		
19,500.00	6,840.00	6,704.97	6,704.66	363.54	2.05	-89.73	-1,835.81	-13,303.34	4,057.59	3,708.82	348.77	11.634		
19,600.00	6,840.00	6,704.68	6,704.37	366.24	2.05	-89.73	-1,835.81	-13,303.34	4,080.29	3,731.59	348.70	11.701		
19,700.00	6,840.00	6,704.39	6,704.08	368.93	2.05	-89.73	-1,835.81	-13,303.34	4,105.30	3,756.86	348.44	11.782		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,800.00	6,840.00	6,704.10	6,703.79	371.63	2.05	-89.72	-1,835.81	-13,303.34	4,132.57	3,784.58	348.00	11.875	
19,900.00	6,840.00	6,703.82	6,703.51	374.32	2.05	-89.72	-1,835.81	-13,303.34	4,162.08	3,814.70	347.38	11.981	
20,000.00	6,840.00	6,703.53	6,703.22	377.02	2.05	-89.71	-1,835.81	-13,303.34	4,193.76	3,847.16	346.59	12.100	
20,100.00	6,840.00	6,703.25	6,702.94	379.71	2.05	-89.71	-1,835.81	-13,303.35	4,227.56	3,881.92	345.65	12.231	
20,200.00	6,840.00	6,702.97	6,702.66	382.41	2.05	-89.71	-1,835.80	-13,303.35	4,263.45	3,918.90	344.55	12.374	
20,300.00	6,840.00	6,702.69	6,702.38	385.11	2.05	-89.70	-1,835.80	-13,303.35	4,301.36	3,958.04	343.32	12.529	
20,400.00	6,840.00	6,702.41	6,702.10	387.80	2.05	-89.70	-1,835.80	-13,303.35	4,341.25	3,999.29	341.95	12.695	
20,500.00	6,840.00	6,702.14	6,701.83	390.50	2.05	-89.69	-1,835.80	-13,303.35	4,383.05	4,042.58	340.47	12.874	
20,600.00	6,840.00	6,701.86	6,701.55	393.20	2.05	-89.69	-1,835.80	-13,303.35	4,426.72	4,087.85	338.87	13.063	
20,691.67	6,840.00	6,701.61	6,701.30	395.67	2.05	-89.69	-1,835.80	-13,303.35	4,468.34	4,131.02	337.32	13.247	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
11,000.00	6,840.00	6,719.48	6,719.12	138.53	1.91	-89.47	-1,626.96	-14,860.97	9,924.98	9,835.43	89.55	110.829		
11,100.00	6,840.00	6,718.93	6,718.57	141.06	1.91	-89.46	-1,626.96	-14,860.97	9,832.51	9,741.64	90.87	108.203		
11,200.00	6,840.00	6,718.40	6,718.04	143.59	1.91	-89.45	-1,626.95	-14,860.97	9,740.19	9,647.97	92.22	105.622		
11,300.00	6,840.00	6,717.88	6,717.53	146.13	1.91	-89.44	-1,626.94	-14,860.98	9,648.02	9,554.43	93.59	103.086		
11,400.00	6,840.00	6,717.39	6,717.03	148.68	1.91	-89.44	-1,626.93	-14,860.98	9,556.01	9,461.01	95.00	100.593		
11,500.00	6,840.00	6,716.90	6,716.54	151.23	1.91	-89.43	-1,626.92	-14,860.98	9,464.16	9,367.73	96.43	98.145		
11,600.00	6,840.00	6,716.43	6,716.07	153.79	1.91	-89.42	-1,626.92	-14,860.98	9,372.48	9,274.58	97.90	95.740		
11,700.00	6,840.00	6,715.98	6,715.62	156.35	1.91	-89.42	-1,626.91	-14,860.98	9,280.97	9,181.58	99.39	93.378		
11,800.00	6,840.00	6,715.53	6,715.18	158.92	1.91	-89.41	-1,626.90	-14,860.98	9,189.63	9,088.71	100.92	91.059		
11,900.00	6,840.00	6,715.10	6,714.75	161.49	1.91	-89.40	-1,626.90	-14,860.98	9,098.48	8,996.00	102.48	88.783		
12,000.00	6,840.00	6,714.69	6,714.33	164.07	1.91	-89.40	-1,626.89	-14,860.98	9,007.52	8,903.44	104.07	86.548		
12,100.00	6,840.00	6,714.28	6,713.92	166.66	1.91	-89.39	-1,626.88	-14,860.98	8,916.75	8,811.04	105.70	84.356		
12,200.00	6,840.00	6,713.88	6,713.52	169.25	1.91	-89.38	-1,626.88	-14,860.98	8,826.18	8,718.81	107.37	82.205		
12,300.00	6,840.00	6,713.50	6,713.14	171.84	1.91	-89.38	-1,626.87	-14,860.98	8,735.81	8,626.74	109.07	80.095		
12,400.00	6,840.00	6,713.12	6,712.76	174.44	1.91	-89.37	-1,626.87	-14,860.99	8,645.66	8,534.85	110.80	78.026		
12,500.00	6,840.00	6,712.76	6,712.40	177.04	1.91	-89.37	-1,626.86	-14,860.99	8,555.72	8,443.14	112.58	75.998		
12,600.00	6,840.00	6,712.40	6,712.04	179.64	1.91	-89.36	-1,626.86	-14,860.99	8,466.01	8,351.62	114.39	74.009		
12,700.00	6,840.00	6,712.05	6,711.70	182.25	1.91	-89.36	-1,626.85	-14,860.99	8,376.54	8,260.29	116.24	72.060		
12,800.00	6,840.00	6,711.72	6,711.36	184.86	1.91	-89.35	-1,626.85	-14,860.99	8,287.30	8,169.17	118.14	70.150		
12,900.00	6,840.00	6,711.38	6,711.03	187.47	1.91	-89.35	-1,626.84	-14,860.99	8,198.32	8,078.24	120.07	68.278		
13,000.00	6,840.00	6,711.06	6,710.70	190.09	1.91	-89.34	-1,626.84	-14,860.99	8,109.59	7,987.54	122.05	66.445		
13,100.00	6,840.00	6,710.75	6,710.39	192.71	1.91	-89.34	-1,626.83	-14,860.99	8,021.12	7,897.05	124.07	64.650		
13,200.00	6,840.00	6,710.44	6,710.08	195.34	1.91	-89.33	-1,626.83	-14,860.99	7,932.93	7,806.80	126.13	62.893		
13,300.00	6,840.00	6,710.14	6,709.78	197.96	1.91	-89.33	-1,626.82	-14,860.99	7,845.02	7,716.78	128.25	61.172		
13,400.00	6,840.00	6,709.85	6,709.49	200.59	1.91	-89.32	-1,626.82	-14,860.99	7,757.41	7,627.01	130.40	59.488		
13,500.00	6,840.00	6,709.56	6,709.21	203.22	1.91	-89.32	-1,626.81	-14,860.99	7,670.10	7,537.49	132.61	57.840		
13,600.00	6,840.00	6,709.28	6,708.93	205.85	1.91	-89.31	-1,626.81	-14,860.99	7,583.10	7,448.24	134.86	56.229		
13,700.00	6,840.00	6,709.01	6,708.65	208.49	1.91	-89.31	-1,626.80	-14,860.99	7,496.43	7,359.26	137.17	54.652		
13,800.00	6,840.00	6,708.74	6,708.39	211.13	1.91	-89.31	-1,626.80	-14,860.99	7,410.09	7,270.56	139.52	53.110		
13,900.00	6,840.00	6,708.48	6,708.13	213.77	1.91	-89.30	-1,626.80	-14,860.99	7,324.10	7,182.17	141.93	51.603		
14,000.00	6,840.00	6,708.23	6,707.87	216.41	1.91	-89.30	-1,626.79	-14,860.99	7,238.47	7,094.07	144.39	50.130		
14,100.00	6,840.00	6,707.98	6,707.62	219.06	1.91	-89.29	-1,626.79	-14,860.99	7,153.21	7,006.30	146.91	48.691		
14,200.00	6,840.00	6,707.73	6,707.38	221.70	1.91	-89.29	-1,626.79	-14,861.00	7,068.34	6,918.85	149.48	47.285		
14,300.00	6,840.00	6,707.49	6,707.14	224.35	1.91	-89.29	-1,626.78	-14,861.00	6,983.87	6,831.75	152.11	45.912		
14,400.00	6,840.00	6,707.26	6,706.90	227.00	1.91	-89.28	-1,626.78	-14,861.00	6,899.81	6,745.01	154.80	44.571		
14,500.00	6,840.00	6,707.03	6,706.67	229.65	1.91	-89.28	-1,626.77	-14,861.00	6,816.19	6,658.63	157.55	43.263		
14,600.00	6,840.00	6,706.80	6,706.45	232.30	1.91	-89.28	-1,626.77	-14,861.00	6,733.01	6,572.64	160.36	41.986		
14,700.00	6,840.00	6,706.58	6,706.23	234.96	1.91	-89.27	-1,626.77	-14,861.00	6,650.29	6,487.05	163.24	40.740		
14,800.00	6,840.00	6,706.37	6,706.01	237.61	1.91	-89.27	-1,626.76	-14,861.00	6,568.06	6,401.88	166.18	39.525		
14,900.00	6,840.00	6,706.16	6,705.80	240.27	1.91	-89.27	-1,626.76	-14,861.00	6,486.32	6,317.14	169.18	38.340		
15,000.00	6,840.00	6,705.95	6,705.59	242.93	1.91	-89.26	-1,626.76	-14,861.00	6,405.11	6,232.86	172.25	37.185		
15,100.00	6,840.00	6,705.74	6,705.39	245.59	1.91	-89.26	-1,626.76	-14,861.00	6,324.43	6,149.04	175.38	36.060		
15,200.00	6,840.00	6,705.54	6,705.19	248.25	1.91	-89.26	-1,626.75	-14,861.00	6,244.31	6,065.72	178.59	34.964		
15,300.00	6,840.00	6,705.35	6,704.99	250.92	1.91	-89.25	-1,626.75	-14,861.00	6,164.77	5,982.90	181.87	33.897		
15,400.00	6,840.00	6,705.16	6,704.80	253.58	1.91	-89.25	-1,626.75	-14,861.00	6,085.84	5,900.62	185.21	32.859		
15,500.00	6,840.00	6,704.97	6,704.61	256.25	1.91	-89.25	-1,626.74	-14,861.00	6,007.53	5,818.90	188.63	31.848		
15,600.00	6,840.00	6,704.78	6,704.43	258.91	1.91	-89.24	-1,626.74	-14,861.00	5,929.87	5,737.75	192.12	30.865		
15,700.00	6,840.00	6,704.60	6,704.24	261.58	1.91	-89.24	-1,626.74	-14,861.00	5,852.90	5,657.21	195.69	29.910		
15,800.00	6,840.00	6,704.42	6,704.07	264.25	1.91	-89.24	-1,626.74	-14,861.00	5,776.62	5,577.30	199.33	28.981		
15,900.00	6,840.00	6,704.25	6,703.89	266.92	1.91	-89.24	-1,626.73	-14,861.00	5,701.09	5,498.05	203.04	28.079		
16,000.00	6,840.00	6,704.08	6,703.72	269.59	1.91	-89.23	-1,626.73	-14,861.00	5,626.31	5,419.48	206.83	27.203		
16,100.00	6,840.00	6,703.91	6,703.55	272.26	1.91	-89.23	-1,626.73	-14,861.00	5,552.33	5,341.64	210.70	26.352		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
16,200.00	6,840.00	6,703.74	6,703.38	274.94	1.91	-89.23	-1,626.73	-14,861.00	5,479.18	5,264.54	214.64	25.528		
16,300.00	6,840.00	6,703.58	6,703.22	277.61	1.91	-89.23	-1,626.72	-14,861.00	5,406.88	5,188.23	218.65	24.728		
16,400.00	6,840.00	6,703.42	6,703.06	280.28	1.92	-89.22	-1,626.72	-14,861.00	5,335.48	5,112.74	222.75	23.953		
16,500.00	6,840.00	6,703.26	6,702.90	282.96	1.92	-89.22	-1,626.72	-14,861.00	5,265.01	5,038.10	226.91	23.203		
16,600.00	6,840.00	6,703.10	6,702.75	285.64	1.92	-89.22	-1,626.72	-14,861.00	5,195.52	4,964.36	231.16	22.476		
16,700.00	6,840.00	6,702.95	6,702.59	288.31	1.92	-89.22	-1,626.71	-14,861.00	5,127.02	4,891.56	235.47	21.774		
16,800.00	6,840.00	6,702.80	6,702.44	290.99	1.92	-89.21	-1,626.71	-14,861.00	5,059.58	4,819.73	239.85	21.094		
16,900.00	6,840.00	6,702.65	6,702.30	293.67	1.92	-89.21	-1,626.71	-14,861.00	4,993.23	4,748.93	244.31	20.438		
17,000.00	6,840.00	6,702.51	6,702.15	296.35	1.92	-89.21	-1,626.71	-14,861.00	4,928.02	4,679.19	248.83	19.805		
17,100.00	6,840.00	6,702.37	6,702.01	299.03	1.92	-89.21	-1,626.70	-14,861.00	4,863.99	4,610.58	253.41	19.194		
17,200.00	6,840.00	6,702.23	6,701.87	301.71	1.92	-89.21	-1,626.70	-14,861.00	4,801.18	4,543.13	258.06	18.605		
17,300.00	6,840.00	6,702.09	6,701.73	304.39	1.92	-89.20	-1,626.70	-14,861.00	4,739.66	4,476.90	262.76	18.038		
17,400.00	6,840.00	6,701.96	6,701.60	307.08	1.92	-89.20	-1,626.70	-14,861.00	4,679.46	4,411.95	267.51	17.493		
17,500.00	6,840.00	6,701.83	6,701.47	309.76	1.92	-89.20	-1,626.70	-14,861.00	4,620.65	4,348.34	272.31	16.969		
17,600.00	6,840.00	6,701.71	6,701.35	312.44	1.92	-89.20	-1,626.69	-14,861.00	4,563.26	4,286.12	277.15	16.465		
17,700.00	6,840.00	6,701.59	6,701.23	315.13	1.92	-89.20	-1,626.69	-14,861.00	4,507.37	4,225.35	282.02	15.982		
17,800.00	6,840.00	6,701.46	6,701.11	317.81	1.92	-89.19	-1,626.69	-14,861.00	4,453.02	4,166.09	286.92	15.520		
17,900.00	6,840.00	6,701.34	6,700.99	320.50	1.92	-89.19	-1,626.69	-14,861.00	4,400.27	4,108.43	291.84	15.078		
18,000.00	6,840.00	6,701.22	6,700.87	323.19	1.92	-89.19	-1,626.69	-14,861.00	4,349.18	4,052.41	296.77	14.655		
18,100.00	6,840.00	6,701.10	6,700.75	325.87	1.92	-89.19	-1,626.69	-14,861.00	4,299.81	3,998.10	301.70	14.252		
18,200.00	6,840.00	6,700.98	6,700.63	328.56	1.92	-89.19	-1,626.68	-14,861.00	4,252.22	3,945.59	306.63	13.868		
18,300.00	6,840.00	6,700.86	6,700.51	331.25	1.92	-89.18	-1,626.68	-14,861.00	4,206.47	3,894.94	311.53	13.503		
18,400.00	6,840.00	6,700.74	6,700.39	333.94	1.92	-89.18	-1,626.68	-14,861.00	4,162.61	3,846.21	316.40	13.156		
18,500.00	6,840.00	6,700.63	6,700.27	336.63	1.92	-89.18	-1,626.68	-14,861.00	4,120.72	3,799.50	321.22	12.828		
18,600.00	6,840.00	6,700.51	6,700.15	339.32	1.92	-89.18	-1,626.68	-14,861.00	4,080.85	3,754.86	325.99	12.518		
18,700.00	6,840.00	6,700.39	6,700.03	342.01	1.92	-89.18	-1,626.68	-14,861.01	4,043.06	3,712.38	330.69	12.226		
18,800.00	6,840.00	6,700.27	6,699.92	344.70	1.92	-89.18	-1,626.67	-14,861.01	4,007.41	3,672.12	335.30	11.952		
18,900.00	6,840.00	6,700.16	6,699.80	347.39	1.92	-89.17	-1,626.67	-14,861.01	3,973.96	3,634.15	339.80	11.695		
19,000.00	6,840.00	6,700.04	6,699.69	350.08	1.92	-89.17	-1,626.67	-14,861.01	3,942.76	3,598.56	344.20	11.455		
19,100.00	6,840.00	6,699.93	6,699.57	352.77	1.92	-89.17	-1,626.67	-14,861.01	3,913.86	3,565.40	348.46	11.232		
19,200.00	6,840.00	6,699.81	6,699.46	355.46	1.92	-89.17	-1,626.67	-14,861.01	3,887.33	3,534.75	352.58	11.025		
19,300.00	6,840.00	6,699.70	6,699.34	358.16	1.92	-89.17	-1,626.67	-14,861.01	3,863.20	3,506.67	356.53	10.835		
19,400.00	6,840.00	6,699.59	6,699.23	360.85	1.92	-89.17	-1,626.66	-14,861.01	3,841.53	3,481.21	360.31	10.662		
19,500.00	6,840.00	6,699.47	6,699.12	363.54	1.92	-89.16	-1,626.66	-14,861.01	3,822.35	3,458.44	363.90	10.504		
19,600.00	6,840.00	6,699.36	6,699.00	366.24	1.92	-89.16	-1,626.66	-14,861.01	3,805.70	3,438.41	367.29	10.362		
19,700.00	6,840.00	6,699.25	6,698.89	368.93	1.92	-89.16	-1,626.66	-14,861.01	3,791.61	3,421.15	370.46	10.235		
19,800.00	6,840.00	6,699.14	6,698.78	371.63	1.92	-89.16	-1,626.66	-14,861.01	3,780.12	3,406.72	373.40	10.123		
19,900.00	6,840.00	6,699.02	6,698.67	374.32	1.92	-89.16	-1,626.66	-14,861.01	3,771.25	3,395.14	376.10	10.027		
20,000.00	6,840.00	6,698.91	6,698.56	377.02	1.92	-89.16	-1,626.65	-14,861.01	3,765.01	3,386.45	378.56	9.946		
20,100.00	6,840.00	6,698.80	6,698.45	379.71	1.92	-89.15	-1,626.65	-14,861.01	3,761.42	3,380.66	380.76	9.879		
20,185.01	6,840.00	6,698.71	6,698.35	382.01	1.92	-89.15	-1,626.65	-14,861.01	3,760.46	3,378.04	382.43	9.833 CC		
20,200.00	6,840.00	6,698.69	6,698.34	382.41	1.92	-89.15	-1,626.65	-14,861.01	3,760.49	3,377.79	382.70	9.826 ES		
20,300.00	6,840.00	6,698.58	6,698.23	385.11	1.92	-89.15	-1,626.65	-14,861.01	3,762.22	3,377.85	384.37	9.788		
20,400.00	6,840.00	6,698.48	6,698.12	387.80	1.92	-89.15	-1,626.65	-14,861.01	3,766.60	3,380.83	385.78	9.764		
20,500.00	6,840.00	6,698.37	6,698.01	390.50	1.92	-89.15	-1,626.65	-14,861.01	3,773.63	3,386.72	386.91	9.753 SF		
20,600.00	6,840.00	6,698.26	6,697.90	393.20	1.92	-89.15	-1,626.64	-14,861.01	3,783.29	3,395.52	387.77	9.756		
20,691.67	6,840.00	6,698.16	6,697.80	395.67	1.92	-89.14	-1,626.64	-14,861.01	3,794.44	3,406.11	388.33	9.771		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
7,800.00	6,839.98	5,681.00	5,667.13	66.86	18.68	13.31	2,422.89	-12,341.78	9,944.94	9,879.12	65.82	151.095		
7,900.00	6,840.00	5,706.04	5,691.88	68.58	18.78	16.31	2,425.87	-12,344.16	9,845.40	9,779.52	65.88	149.447		
8,000.00	6,840.00	5,708.03	5,693.85	70.35	18.79	16.35	2,426.12	-12,344.36	9,746.01	9,680.15	65.86	147.975		
8,100.00	6,840.00	5,710.06	5,695.84	72.18	18.80	16.39	2,426.37	-12,344.57	9,646.63	9,580.78	65.85	146.502		
8,200.00	6,840.00	5,712.11	5,697.87	74.06	18.80	16.44	2,426.62	-12,344.78	9,547.26	9,481.43	65.83	145.029		
8,300.00	6,840.00	5,714.20	5,699.93	75.98	18.81	16.48	2,426.89	-12,344.99	9,447.90	9,382.09	65.81	143.556		
8,400.00	6,840.00	5,716.32	5,702.02	77.96	18.82	16.53	2,427.15	-12,345.21	9,348.55	9,282.76	65.80	142.082		
8,500.00	6,840.00	5,718.48	5,704.15	79.97	18.83	16.57	2,427.43	-12,345.44	9,249.22	9,183.44	65.78	140.607		
8,600.00	6,840.00	5,720.67	5,706.31	82.03	18.84	16.62	2,427.71	-12,345.67	9,149.89	9,084.13	65.76	139.132		
8,700.00	6,840.00	5,745.00	5,730.28	84.12	18.93	17.16	2,430.92	-12,348.37	9,050.71	8,984.91	65.81	137.534		
8,800.00	6,840.00	6,962.00	6,940.62	86.25	23.36	119.61	2,495.03	-12,399.00	8,951.31	8,882.54	68.76	130.173		
8,900.00	6,840.00	6,962.00	6,940.62	88.41	23.36	119.61	2,495.03	-12,399.00	8,851.42	8,782.74	68.68	128.881		
9,000.00	6,840.00	6,946.08	6,924.72	90.60	23.31	117.69	2,495.60	-12,399.31	8,751.51	8,682.95	68.56	127.652		
9,100.00	6,840.00	6,945.18	6,923.82	92.82	23.31	117.58	2,495.63	-12,399.32	8,651.62	8,583.16	68.47	126.361		
9,200.00	6,840.00	6,944.27	6,922.91	95.07	23.31	117.47	2,495.66	-12,399.34	8,551.74	8,483.37	68.38	125.070		
9,300.00	6,840.00	6,943.35	6,921.99	97.34	23.30	117.35	2,495.70	-12,399.36	8,451.86	8,383.58	68.28	123.778		
9,400.00	6,840.00	6,942.41	6,921.05	99.64	23.30	117.24	2,495.73	-12,399.38	8,351.99	8,283.80	68.19	122.486		
9,500.00	6,840.00	6,941.46	6,920.10	101.95	23.30	117.12	2,495.76	-12,399.40	8,252.12	8,184.03	68.09	121.194		
9,600.00	6,840.00	6,940.50	6,919.14	104.29	23.29	117.00	2,495.80	-12,399.42	8,152.25	8,084.26	67.99	119.901		
9,700.00	6,840.00	6,939.53	6,918.17	106.64	23.29	116.88	2,495.83	-12,399.44	8,052.38	7,984.49	67.89	118.608		
9,800.00	6,840.00	6,938.54	6,917.18	109.02	23.29	116.76	2,495.87	-12,399.47	7,952.52	7,884.73	67.79	117.315		
9,900.00	6,840.00	6,937.54	6,916.18	111.41	23.28	116.63	2,495.91	-12,399.49	7,852.66	7,784.98	67.68	116.021		
10,000.00	6,840.00	6,936.53	6,915.17	113.81	23.28	116.51	2,495.94	-12,399.51	7,752.80	7,685.23	67.58	114.727		
10,100.00	6,840.00	6,935.50	6,914.14	116.23	23.28	116.38	2,495.98	-12,399.53	7,652.95	7,585.48	67.47	113.433		
10,200.00	6,840.00	6,934.45	6,913.10	118.67	23.27	116.25	2,496.02	-12,399.56	7,553.10	7,485.74	67.36	112.138		
10,300.00	6,840.00	6,933.39	6,912.04	121.11	23.27	116.12	2,496.05	-12,399.58	7,453.25	7,386.01	67.24	110.843		
10,400.00	6,840.00	6,932.32	6,910.96	123.57	23.27	115.98	2,496.09	-12,399.60	7,353.41	7,286.28	67.13	109.547		
10,500.00	6,840.00	6,931.23	6,909.88	126.04	23.26	115.84	2,496.13	-12,399.63	7,253.57	7,186.56	67.01	108.251		
10,600.00	6,840.00	6,930.12	6,908.77	128.52	23.26	115.70	2,496.17	-12,399.65	7,153.74	7,086.85	66.89	106.955		
10,700.00	6,840.00	6,929.00	6,907.65	131.01	23.26	115.56	2,496.21	-12,399.68	7,053.91	6,987.15	66.76	105.658		
10,800.00	6,840.00	6,927.86	6,906.51	133.51	23.25	115.42	2,496.25	-12,399.71	6,954.08	6,887.45	66.63	104.361		
10,900.00	6,840.00	6,926.70	6,905.36	136.02	23.25	115.27	2,496.29	-12,399.73	6,854.26	6,787.76	66.51	103.064		
11,000.00	6,840.00	6,925.53	6,904.18	138.53	23.25	115.12	2,496.33	-12,399.76	6,754.45	6,688.07	66.37	101.766		
11,100.00	6,840.00	6,924.34	6,902.99	141.06	23.24	114.97	2,496.38	-12,399.79	6,654.64	6,588.40	66.24	100.467		
11,200.00	6,840.00	6,923.13	6,901.79	143.59	23.24	114.81	2,496.42	-12,399.82	6,554.83	6,488.73	66.10	99.168		
11,300.00	6,840.00	6,921.90	6,900.56	146.13	23.23	114.65	2,496.46	-12,399.85	6,455.03	6,389.07	65.96	97.869		
11,400.00	6,840.00	6,920.66	6,899.31	148.68	23.23	114.49	2,496.51	-12,399.88	6,355.24	6,289.43	65.81	96.569		
11,500.00	6,840.00	6,919.39	6,898.05	151.23	23.23	114.33	2,496.55	-12,399.91	6,255.45	6,189.79	65.66	95.268		
11,600.00	6,840.00	6,918.10	6,896.76	153.79	23.22	114.16	2,496.60	-12,399.94	6,155.67	6,090.16	65.51	93.967		
11,700.00	6,840.00	6,916.80	6,895.46	156.35	23.22	113.99	2,496.65	-12,399.98	6,055.89	5,990.54	65.35	92.665		
11,800.00	6,840.00	6,915.47	6,894.13	158.92	23.21	113.82	2,496.69	-12,400.01	5,956.12	5,890.93	65.19	91.362		
11,900.00	6,840.00	6,914.12	6,892.78	161.49	23.21	113.65	2,496.74	-12,400.04	5,856.36	5,791.34	65.03	90.058		
12,000.00	6,840.00	6,912.75	6,891.41	164.07	23.20	113.47	2,496.79	-12,400.08	5,756.61	5,691.75	64.86	88.753		
12,100.00	6,840.00	6,911.35	6,890.02	166.66	23.20	113.28	2,496.84	-12,400.12	5,656.87	5,592.18	64.69	87.446		
12,200.00	6,840.00	6,909.94	6,888.61	169.25	23.20	113.10	2,496.89	-12,400.15	5,557.13	5,492.62	64.51	86.139		
12,300.00	6,840.00	12,300.00	6,862.20	171.84	40.52	109.55	2,497.77	-12,400.80	5,457.40	5,375.52	81.88	66.649		
12,400.00	6,840.00	12,400.00	6,859.97	174.44	40.84	109.24	2,497.84	-12,400.85	5,357.67	5,275.64	82.03	65.311		
12,500.00	6,840.00	12,500.00	6,857.74	177.04	41.17	108.94	2,497.91	-12,400.90	5,257.95	5,175.77	82.18	63.981		
12,600.00	6,840.00	12,600.00	6,855.51	179.64	41.49	108.63	2,497.98	-12,400.95	5,158.24	5,075.92	82.32	62.659		
12,700.00	6,840.00	12,700.00	6,853.28	182.25	41.81	108.32	2,498.05	-12,401.00	5,058.54	4,976.08	82.46	61.345		
12,800.00	6,840.00	6,912.26	6,890.93	184.86	23.20	113.40	2,496.80	-12,400.06	4,958.92	4,895.55	63.36	78.265		
12,900.00	6,840.00	6,904.20	6,882.87	187.47	23.18	112.34	2,497.09	-12,400.30	4,859.26	4,796.10	63.16	76.938		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
13,000.00	6,840.00	6,896.65	6,875.33	190.09	23.15	111.33	2,497.36	-12,400.51	4,759.61	4,696.66	62.95	75.606		
13,100.00	6,840.00	6,889.57	6,868.26	192.71	23.13	110.38	2,497.61	-12,400.71	4,659.97	4,597.23	62.74	74.269		
13,200.00	6,840.00	6,882.92	6,861.61	195.34	23.11	109.47	2,497.84	-12,400.89	4,560.35	4,497.81	62.53	72.926		
13,300.00	6,840.00	6,876.65	6,855.35	197.96	23.09	108.60	2,498.06	-12,401.05	4,460.74	4,398.42	62.32	71.576		
13,400.00	6,840.00	6,870.74	6,849.44	200.59	23.07	107.78	2,498.25	-12,401.20	4,361.14	4,299.03	62.11	70.220		
13,500.00	6,840.00	6,865.15	6,843.86	203.22	23.05	107.00	2,498.44	-12,401.33	4,261.56	4,199.67	61.89	68.856		
13,600.00	6,840.00	6,859.87	6,838.58	205.85	23.04	106.25	2,498.61	-12,401.46	4,161.99	4,100.32	61.67	67.484		
13,700.00	6,840.00	6,854.86	6,833.58	208.49	23.02	105.54	2,498.77	-12,401.57	4,062.44	4,000.99	61.46	66.102		
13,800.00	6,840.00	6,850.10	6,828.82	211.13	23.00	104.86	2,498.92	-12,401.68	3,962.92	3,901.68	61.24	64.711		
13,900.00	6,840.00	6,845.58	6,824.31	213.77	22.99	104.21	2,499.06	-12,401.78	3,863.41	3,802.39	61.03	63.307		
14,000.00	6,840.00	6,841.28	6,820.01	216.41	22.98	103.59	2,499.19	-12,401.87	3,763.93	3,703.12	60.81	61.892		
14,100.00	6,840.00	6,837.18	6,815.92	219.06	22.96	102.99	2,499.32	-12,401.96	3,664.48	3,603.87	60.61	60.461		
14,200.00	6,840.00	6,833.28	6,812.01	221.70	22.95	102.43	2,499.43	-12,402.04	3,565.05	3,504.64	60.41	59.014		
14,300.00	6,840.00	6,829.55	6,808.28	224.35	22.94	101.88	2,499.54	-12,402.11	3,465.65	3,405.43	60.22	57.549		
14,400.00	6,840.00	6,825.98	6,804.72	227.00	22.93	101.36	2,499.65	-12,402.18	3,366.29	3,306.24	60.04	56.064		
14,500.00	6,840.00	6,822.57	6,801.31	229.65	22.92	100.86	2,499.74	-12,402.24	3,266.96	3,207.08	59.88	54.554		
14,600.00	6,840.00	6,819.30	6,798.04	232.30	22.91	100.37	2,499.84	-12,402.30	3,167.67	3,107.93	59.75	53.018		
14,700.00	6,840.00	6,816.17	6,794.91	234.96	22.90	99.91	2,499.93	-12,402.36	3,068.43	3,008.80	59.64	51.452		
14,800.00	6,840.00	6,813.16	6,791.91	237.61	22.89	99.47	2,500.01	-12,402.42	2,969.24	2,909.68	59.56	49.852		
14,900.00	6,840.00	6,810.28	6,789.02	240.27	22.88	99.04	2,500.09	-12,402.47	2,870.10	2,810.57	59.53	48.215		
15,000.00	6,840.00	6,807.50	6,786.25	242.93	22.87	98.62	2,500.17	-12,402.51	2,771.02	2,711.47	59.55	46.534		
15,100.00	6,840.00	6,804.84	6,783.59	245.59	22.86	98.23	2,500.24	-12,402.56	2,672.01	2,612.38	59.63	44.807		
15,200.00	6,840.00	6,802.27	6,781.02	248.25	22.85	97.84	2,500.31	-12,402.60	2,573.07	2,513.27	59.80	43.028		
15,300.00	6,840.00	6,800.16	6,778.91	250.92	22.85	97.53	2,500.37	-12,402.63	2,474.22	2,414.16	60.06	41.194		
15,400.00	6,840.00	6,798.14	6,776.89	253.58	22.84	97.23	2,500.42	-12,402.67	2,375.46	2,315.02	60.44	39.301		
15,500.00	6,840.00	6,796.14	6,774.90	256.25	22.83	96.93	2,500.47	-12,402.70	2,276.81	2,215.84	60.97	37.343		
15,600.00	6,840.00	6,794.18	6,772.94	258.91	22.83	96.63	2,500.52	-12,402.73	2,178.28	2,116.61	61.67	35.319		
15,700.00	6,840.00	6,792.25	6,771.01	261.58	22.82	96.34	2,500.57	-12,402.76	2,079.89	2,017.30	62.59	33.229		
15,800.00	6,840.00	6,790.35	6,769.11	264.25	22.81	96.06	2,500.62	-12,402.79	1,981.66	1,917.89	63.76	31.078		
15,900.00	6,840.00	6,788.48	6,767.24	266.92	22.81	95.78	2,500.67	-12,402.82	1,883.61	1,818.37	65.24	28.870		
16,000.00	6,840.00	6,786.64	6,765.40	269.59	22.80	95.50	2,500.72	-12,402.85	1,785.78	1,718.69	67.09	26.618		
16,100.00	6,840.00	6,784.83	6,763.59	272.26	22.80	95.23	2,500.76	-12,402.88	1,688.20	1,618.83	69.37	24.337		
16,200.00	6,840.00	6,783.05	6,761.81	274.94	22.79	94.96	2,500.81	-12,402.90	1,590.92	1,518.76	72.17	22.045		
16,300.00	6,840.00	6,781.29	6,760.05	277.61	22.78	94.69	2,500.85	-12,402.93	1,494.00	1,418.42	75.58	19.767		
16,400.00	6,840.00	6,779.56	6,758.32	280.28	22.78	94.43	2,500.89	-12,402.95	1,397.51	1,317.77	79.74	17.527		
16,500.00	6,840.00	6,777.86	6,756.62	282.96	22.77	94.18	2,500.93	-12,402.98	1,301.54	1,216.76	84.78	15.352		
16,600.00	6,840.00	6,776.18	6,754.94	285.64	22.77	93.92	2,500.97	-12,403.00	1,206.23	1,115.34	90.90	13.270		
16,700.00	6,840.00	6,774.52	6,753.29	288.31	22.76	93.67	2,501.01	-12,403.03	1,111.75	1,013.42	98.33	11.307		
16,800.00	6,840.00	6,772.89	6,751.66	290.99	22.76	93.43	2,501.05	-12,403.05	1,018.31	910.93	107.38	9.483		
16,900.00	6,840.00	6,771.28	6,750.05	293.67	22.75	93.18	2,501.09	-12,403.08	926.24	807.78	118.46	7.819		
17,000.00	6,840.00	6,769.70	6,748.47	296.35	22.75	92.94	2,501.13	-12,403.10	836.00	703.91	132.09	6.329		
17,100.00	6,840.00	6,768.14	6,746.91	299.03	22.74	92.71	2,501.16	-12,403.12	748.23	599.27	148.96	5.023		
17,200.00	6,840.00	6,766.60	6,745.37	301.71	22.74	92.48	2,501.20	-12,403.14	663.93	494.03	169.91	3.908		
17,300.00	6,840.00	6,765.08	6,743.85	304.39	22.73	92.25	2,501.23	-12,403.16	584.60	388.76	195.85	2.985		
17,400.00	6,840.00	6,763.59	6,742.36	307.08	22.73	92.02	2,501.27	-12,403.18	512.55	285.16	227.39	2.254		
17,500.00	6,840.00	6,762.11	6,740.88	309.76	22.72	91.80	2,501.30	-12,403.20	451.28	187.50	263.78	1.711		
17,600.00	6,840.00	6,760.66	6,739.43	312.44	22.72	91.58	2,501.33	-12,403.22	405.70	104.84	300.86	1.348 Level 3		
17,700.00	6,840.00	6,759.22	6,737.99	315.13	22.71	91.36	2,501.36	-12,403.24	381.48	51.93	329.55	1.158 Level 2		
17,745.34	6,840.00	6,758.58	6,737.35	316.35	22.71	91.26	2,501.38	-12,403.25	378.78	41.88	336.90	1.124 Level 2, CC, ES, SF		
17,800.00	6,840.00	6,757.81	6,736.58	317.81	22.71	91.15	2,501.40	-12,403.26	382.70	42.78	339.92	1.126 Level 2		
17,900.00	6,840.00	6,756.41	6,735.18	320.50	22.71	90.94	2,501.43	-12,403.28	409.13	78.81	330.32	1.239 Level 2		
18,000.00	6,840.00	6,755.04	6,733.81	323.19	22.70	90.73	2,501.46	-12,403.30	456.42	147.99	308.43	1.480 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
18,100.00	6,840.00	6,753.68	6,732.45	325.87	22.70	90.52	2,501.49	-12,403.32	518.88	235.91	282.97	1.834		
18,200.00	6,840.00	6,752.34	6,731.11	328.56	22.69	90.32	2,501.52	-12,403.33	591.74	332.83	258.91	2.286		
18,300.00	6,840.00	6,751.02	6,729.79	331.25	22.69	90.12	2,501.54	-12,403.35	671.62	433.66	237.96	2.822		
18,400.00	6,840.00	6,749.71	6,728.48	333.94	22.68	89.92	2,501.57	-12,403.37	756.29	536.00	220.30	3.433		
18,500.00	6,840.00	6,748.42	6,727.19	336.63	22.68	89.73	2,501.60	-12,403.39	844.33	638.78	205.55	4.108		
18,600.00	6,840.00	6,747.15	6,725.92	339.32	22.68	89.53	2,501.62	-12,403.40	934.77	741.56	193.21	4.838		
18,700.00	6,840.00	6,745.89	6,724.67	342.01	22.67	89.34	2,501.65	-12,403.42	1,026.98	844.16	182.82	5.617		
18,800.00	6,840.00	6,744.65	6,723.43	344.70	22.67	89.16	2,501.68	-12,403.43	1,120.53	946.51	174.02	6.439		
18,900.00	6,840.00	6,743.43	6,722.20	347.39	22.66	88.97	2,501.70	-12,403.45	1,215.11	1,048.61	166.50	7.298		
19,000.00	6,840.00	6,742.22	6,721.00	350.08	22.66	88.79	2,501.73	-12,403.46	1,310.49	1,150.47	160.01	8.190		
19,100.00	6,840.00	6,741.03	6,719.80	352.77	22.66	88.61	2,501.75	-12,403.48	1,406.51	1,252.13	154.38	9.111		
19,200.00	6,840.00	6,739.85	6,718.63	355.46	22.65	88.43	2,501.77	-12,403.49	1,503.05	1,353.59	149.45	10.057		
19,300.00	6,840.00	6,738.69	6,717.46	358.16	22.65	88.26	2,501.80	-12,403.51	1,600.01	1,454.90	145.11	11.026		
19,400.00	6,840.00	6,737.54	6,716.31	360.85	22.64	88.08	2,501.82	-12,403.52	1,697.32	1,556.06	141.27	12.015		
19,500.00	6,840.00	6,736.40	6,715.18	363.54	22.64	87.91	2,501.84	-12,403.53	1,794.93	1,657.09	137.84	13.022		
19,600.00	6,840.00	6,735.28	6,714.06	366.24	22.64	87.74	2,501.86	-12,403.55	1,892.79	1,758.02	134.77	14.045		
19,700.00	6,840.00	6,734.17	6,712.95	368.93	22.63	87.58	2,501.89	-12,403.56	1,990.86	1,858.86	132.01	15.082		
19,800.00	6,840.00	6,733.08	6,711.85	371.63	22.63	87.41	2,501.91	-12,403.57	2,089.12	1,959.61	129.51	16.131		
19,900.00	6,840.00	6,732.00	6,710.77	374.32	22.63	87.25	2,501.93	-12,403.59	2,187.53	2,060.29	127.24	17.192		
20,000.00	6,840.00	6,730.93	6,709.70	377.02	22.62	87.09	2,501.95	-12,403.60	2,286.07	2,160.90	125.17	18.263		
20,100.00	6,840.00	6,729.87	6,708.65	379.71	22.62	86.93	2,501.97	-12,403.61	2,384.74	2,261.46	123.29	19.343		
20,200.00	6,840.00	6,728.83	6,707.61	382.41	22.62	86.77	2,501.99	-12,403.62	2,483.52	2,361.96	121.55	20.431		
20,300.00	6,840.00	6,727.80	6,706.57	385.11	22.61	86.62	2,502.01	-12,403.64	2,582.38	2,462.42	119.96	21.527		
20,400.00	6,840.00	6,726.78	6,705.55	387.80	22.61	86.46	2,502.03	-12,403.65	2,681.34	2,562.84	118.49	22.629		
20,500.00	6,840.00	6,725.77	6,704.55	390.50	22.61	86.31	2,502.05	-12,403.66	2,780.36	2,663.23	117.14	23.736		
20,600.00	6,840.00	6,724.77	6,703.55	393.20	22.60	86.16	2,502.06	-12,403.67	2,879.46	2,763.58	115.88	24.849		
20,691.67	6,840.00	6,723.87	6,702.65	395.67	22.60	86.03	2,502.08	-12,403.68	2,970.35	2,855.54	114.80	25.873		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,600.00	5,137.01	5,600.00	5,182.63	42.87	23.13	-64.44	-1,299.15	-11,055.66	9,993.99	9,931.92	62.07	161.006		
5,700.00	5,226.54	5,354.82	5,285.95	43.77	21.95	-64.79	-1,316.60	-11,048.63	9,971.22	9,909.43	61.79	161.370		
5,800.00	5,316.07	5,402.50	5,332.88	44.67	22.17	-64.95	-1,324.40	-11,045.54	9,948.87	9,885.96	62.91	158.136		
5,900.00	5,405.59	5,468.50	5,397.83	45.57	22.48	-65.16	-1,335.33	-11,041.39	9,927.02	9,862.89	64.13	154.806		
6,000.00	5,495.12	5,532.52	5,460.83	46.47	22.79	-65.38	-1,346.04	-11,037.44	9,905.59	9,840.26	65.33	151.616		
6,100.00	5,584.65	5,607.68	5,534.69	47.37	23.14	-65.63	-1,359.12	-11,032.77	9,884.61	9,818.01	66.60	148.421		
6,200.00	5,674.18	5,681.00	5,606.86	48.27	23.49	-65.87	-1,371.27	-11,028.26	9,863.78	9,795.93	67.85	145.366		
6,300.00	5,763.71	5,730.45	5,655.60	49.16	23.72	-66.04	-1,379.10	-11,025.44	9,843.48	9,774.48	68.99	142.673		
6,400.00	5,853.23	5,775.00	5,699.54	50.06	23.92	-66.18	-1,386.11	-11,023.24	9,823.93	9,753.82	70.11	140.122		
6,500.00	5,942.76	6,003.07	5,922.54	50.96	25.07	-66.98	-1,430.75	-11,007.18	9,804.02	9,731.82	72.19	135.803		
6,600.00	6,032.29	6,076.33	5,993.64	51.86	25.46	-67.25	-1,447.22	-11,000.80	9,784.07	9,710.56	73.51	133.091		
6,700.00	6,121.82	6,165.87	6,080.76	52.76	25.93	-67.58	-1,466.48	-10,993.20	9,764.41	9,689.49	74.92	130.335		
6,800.00	6,211.35	6,224.39	6,137.91	53.66	26.23	-67.79	-1,478.16	-10,988.61	9,745.17	9,669.03	76.15	127.980		
6,900.00	6,300.88	6,270.54	6,183.14	54.56	26.45	-67.95	-1,486.73	-10,985.33	9,726.48	9,649.18	77.30	125.828		
7,000.00	6,390.40	6,310.61	6,222.58	55.46	26.64	-68.09	-1,493.44	-10,982.94	9,708.45	9,630.03	78.42	123.806		
7,100.00	6,479.90	6,399.59	6,310.49	56.36	27.05	-66.77	-1,506.50	-10,978.64	9,690.90	9,611.15	79.75	121.515		
7,200.00	6,565.62	6,474.02	6,384.07	57.41	27.38	-57.06	-1,517.06	-10,974.95	9,663.74	9,582.65	81.09	119.167		
7,300.00	6,643.25	7,300.00	6,481.38	58.67	31.17	-52.65	-1,531.90	-10,969.83	9,621.82	9,535.81	86.01	111.866		
7,400.00	6,710.45	6,659.57	6,567.03	60.11	28.23	-51.85	-1,545.98	-10,964.49	9,566.03	9,481.77	84.26	113.524		
7,500.00	6,765.16	6,683.73	6,590.77	61.71	28.35	-53.89	-1,550.22	-10,962.88	9,498.43	9,412.84	85.59	110.973		
7,600.00	6,805.74	6,700.50	6,607.23	63.40	28.43	-59.46	-1,553.22	-10,961.77	9,421.09	9,334.23	86.86	108.463		
7,700.00	6,830.93	6,718.00	6,624.39	65.14	28.51	-70.03	-1,556.42	-10,960.61	9,336.22	9,248.15	88.06	106.018		
7,800.00	6,839.98	6,718.00	6,624.39	66.86	28.51	-87.38	-1,556.42	-10,960.61	9,246.25	9,157.19	89.06	103.816		
7,900.00	6,840.00	6,718.00	6,624.39	68.58	28.51	-88.48	-1,556.42	-10,960.61	9,154.58	9,064.57	90.00	101.717		
8,000.00	6,840.00	6,718.00	6,624.39	70.35	28.51	-88.48	-1,556.42	-10,960.61	9,063.07	8,972.11	90.96	99.634		
8,100.00	6,840.00	6,699.53	6,606.28	72.18	28.42	-88.19	-1,553.05	-10,961.83	8,971.71	8,879.86	91.86	97.670		
8,200.00	6,840.00	6,695.92	6,602.74	74.06	28.41	-88.14	-1,552.40	-10,962.07	8,880.56	8,787.70	92.86	95.637		
8,300.00	6,840.00	6,692.31	6,599.19	75.98	28.39	-88.08	-1,551.75	-10,962.31	8,789.60	8,695.71	93.88	93.621		
8,400.00	6,840.00	6,688.69	6,595.63	77.96	28.37	-88.03	-1,551.10	-10,962.55	8,698.83	8,603.89	94.94	91.623		
8,500.00	6,840.00	6,685.06	6,592.07	79.97	28.35	-87.97	-1,550.45	-10,962.79	8,608.27	8,512.24	96.03	89.643		
8,600.00	6,840.00	6,681.42	6,588.50	82.03	28.34	-87.91	-1,549.81	-10,963.03	8,517.91	8,420.77	97.15	87.682		
8,700.00	6,840.00	6,677.78	6,584.93	84.12	28.32	-87.86	-1,549.16	-10,963.28	8,427.77	8,329.48	98.29	85.741		
8,800.00	6,840.00	6,674.14	6,581.35	86.25	28.30	-87.80	-1,548.52	-10,963.52	8,337.85	8,238.38	99.47	83.819		
8,900.00	6,840.00	6,670.49	6,577.76	88.41	28.28	-87.75	-1,547.88	-10,963.76	8,248.16	8,147.47	100.69	81.919		
9,000.00	6,840.00	6,666.83	6,574.17	90.60	28.27	-87.69	-1,547.24	-10,964.01	8,158.71	8,056.78	101.93	80.041		
9,100.00	6,840.00	6,663.16	6,570.57	92.82	28.25	-87.63	-1,546.60	-10,964.25	8,069.50	7,966.29	103.21	78.184		
9,200.00	6,840.00	6,659.49	6,566.96	95.07	28.23	-87.58	-1,545.97	-10,964.50	7,980.54	7,876.02	104.53	76.350		
9,300.00	6,840.00	6,655.82	6,563.35	97.34	28.21	-87.52	-1,545.33	-10,964.74	7,891.85	7,785.97	105.87	74.540		
9,400.00	6,840.00	6,652.14	6,559.73	99.64	28.20	-87.46	-1,544.70	-10,964.99	7,803.42	7,696.16	107.26	72.753		
9,500.00	6,840.00	6,648.45	6,556.11	101.95	28.18	-87.41	-1,544.07	-10,965.24	7,715.28	7,606.59	108.68	70.989		
9,600.00	6,840.00	6,644.76	6,552.47	104.29	28.16	-87.35	-1,543.44	-10,965.48	7,627.42	7,517.28	110.14	69.251		
9,700.00	6,840.00	6,641.06	6,548.84	106.64	28.14	-87.29	-1,542.82	-10,965.73	7,539.86	7,428.22	111.64	67.537		
9,800.00	6,840.00	9,800.00	6,523.11	109.02	42.69	-86.89	-1,538.53	-10,967.41	7,452.64	7,325.00	127.63	58.392		
9,900.00	6,840.00	9,900.00	6,517.42	111.41	43.15	-86.80	-1,537.62	-10,967.74	7,365.69	7,236.01	129.68	56.801		
10,000.00	6,840.00	10,000.00	6,511.72	113.81	43.61	-86.71	-1,536.72	-10,968.07	7,279.07	7,147.31	131.76	55.245		
10,100.00	6,840.00	6,640.09	6,547.88	116.23	28.13	-87.28	-1,542.65	-10,965.76	7,192.84	7,074.72	118.12	60.892		
10,200.00	6,840.00	6,620.31	6,528.43	118.67	28.04	-86.97	-1,539.35	-10,967.13	7,106.95	6,987.22	119.73	59.359		
10,300.00	6,840.00	6,602.79	6,511.18	121.11	27.96	-86.70	-1,536.48	-10,968.27	7,021.42	6,900.03	121.39	57.842		
10,400.00	6,840.00	6,587.15	6,495.77	123.57	27.89	-86.45	-1,533.98	-10,969.23	6,936.26	6,813.15	123.11	56.343		
10,500.00	6,840.00	6,573.10	6,481.93	126.04	27.83	-86.23	-1,531.77	-10,970.04	6,851.49	6,726.61	124.88	54.865		
10,600.00	6,840.00	6,560.42	6,469.42	128.52	27.77	-86.04	-1,529.80	-10,970.74	6,767.12	6,640.41	126.70	53.409		
10,700.00	6,840.00	6,548.92	6,458.07	131.01	27.71	-85.86	-1,528.05	-10,971.35	6,683.17	6,554.59	128.58	51.975		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,800.00	6,840.00	6,538.44	6,447.72	133.51	27.67	-85.69	-1,526.47	-10,971.87	6,599.66	6,469.15	130.52	50.565		
10,900.00	6,840.00	6,528.84	6,438.24	136.02	27.62	-85.54	-1,525.05	-10,972.33	6,516.61	6,384.10	132.51	49.178		
11,000.00	6,840.00	6,528.00	6,437.41	138.53	27.62	-85.53	-1,524.92	-10,972.37	6,434.04	6,299.43	134.61	47.798		
11,100.00	6,840.00	6,528.00	6,437.41	141.06	27.62	-85.53	-1,524.92	-10,972.37	6,351.97	6,215.20	136.77	46.443		
11,200.00	6,840.00	6,518.55	6,428.07	143.59	27.58	-85.38	-1,523.53	-10,972.82	6,270.41	6,131.49	138.92	45.138		
11,300.00	6,840.00	6,515.27	6,424.83	146.13	27.56	-85.33	-1,523.05	-10,972.97	6,189.39	6,048.23	141.16	43.847		
11,400.00	6,840.00	6,511.97	6,421.57	148.68	27.55	-85.28	-1,522.57	-10,973.13	6,108.93	5,965.47	143.46	42.583		
11,500.00	6,840.00	6,508.65	6,418.29	151.23	27.53	-85.23	-1,522.08	-10,973.28	6,029.05	5,883.24	145.81	41.348		
11,600.00	6,840.00	6,505.31	6,414.99	153.79	27.52	-85.18	-1,521.59	-10,973.44	5,949.78	5,801.56	148.22	40.141		
11,700.00	6,840.00	6,501.96	6,411.68	156.35	27.50	-85.12	-1,521.10	-10,973.60	5,871.14	5,720.45	150.69	38.961		
11,800.00	6,840.00	6,498.59	6,408.35	158.92	27.49	-85.07	-1,520.61	-10,973.76	5,793.16	5,639.94	153.22	37.809		
11,900.00	6,840.00	6,495.20	6,405.00	161.49	27.47	-85.02	-1,520.12	-10,973.93	5,715.85	5,560.05	155.81	36.686		
12,000.00	6,840.00	6,491.79	6,401.63	164.07	27.46	-84.96	-1,519.63	-10,974.09	5,639.26	5,480.81	158.45	35.590		
12,100.00	6,840.00	6,488.36	6,398.24	166.66	27.44	-84.91	-1,519.13	-10,974.26	5,563.41	5,402.25	161.16	34.521		
12,200.00	6,840.00	6,484.92	6,394.84	169.25	27.43	-84.86	-1,518.63	-10,974.42	5,488.33	5,324.40	163.93	33.480		
12,300.00	6,840.00	6,481.46	6,391.42	171.84	27.41	-84.80	-1,518.13	-10,974.59	5,414.05	5,247.30	166.76	32.467		
12,400.00	6,840.00	6,477.97	6,387.97	174.44	27.39	-84.75	-1,517.63	-10,974.76	5,340.61	5,170.97	169.65	31.481		
12,500.00	6,840.00	6,474.47	6,384.51	177.04	27.38	-84.69	-1,517.13	-10,974.93	5,268.04	5,095.44	172.60	30.522		
12,600.00	6,840.00	6,470.95	6,381.03	179.64	27.36	-84.64	-1,516.62	-10,975.10	5,196.38	5,020.77	175.61	29.590		
12,700.00	6,840.00	6,467.41	6,377.54	182.25	27.35	-84.58	-1,516.12	-10,975.27	5,125.66	4,946.97	178.69	28.685		
12,800.00	6,840.00	6,463.85	6,374.02	184.86	27.33	-84.53	-1,515.61	-10,975.45	5,055.93	4,874.11	181.82	27.807		
12,900.00	6,840.00	6,460.28	6,370.48	187.47	27.32	-84.47	-1,515.10	-10,975.63	4,987.23	4,802.21	185.02	26.955		
13,000.00	6,840.00	6,456.68	6,366.92	190.09	27.30	-84.41	-1,514.58	-10,975.80	4,919.59	4,731.32	188.27	26.130		
13,100.00	6,840.00	6,453.06	6,363.35	192.71	27.28	-84.36	-1,514.07	-10,975.98	4,853.07	4,661.49	191.58	25.331		
13,200.00	6,840.00	6,449.42	6,359.75	195.34	27.27	-84.30	-1,513.55	-10,976.16	4,787.71	4,592.76	194.95	24.558		
13,300.00	6,840.00	6,445.76	6,356.13	197.96	27.25	-84.24	-1,513.03	-10,976.35	4,723.56	4,525.19	198.37	23.811		
13,400.00	6,840.00	6,442.09	6,352.51	200.59	27.24	-84.18	-1,512.51	-10,976.53	4,660.66	4,458.73	201.92	23.081		
13,500.00	6,840.00	6,438.41	6,348.89	203.22	27.22	-84.12	-1,511.99	-10,976.71	4,599.08	4,393.67	205.41	22.390		
13,600.00	6,840.00	6,434.73	6,345.27	205.85	27.20	-84.06	-1,511.47	-10,976.89	4,538.87	4,329.93	208.94	21.724		
13,700.00	6,840.00	6,431.05	6,341.65	208.49	27.18	-84.00	-1,510.95	-10,977.07	4,480.07	4,267.56	212.51	21.082		
13,800.00	6,840.00	6,427.37	6,338.03	211.13	27.16	-83.94	-1,510.43	-10,977.25	4,422.74	4,206.62	216.11	20.465		
13,900.00	6,840.00	6,423.69	6,334.41	213.77	27.14	-83.88	-1,509.91	-10,977.43	4,366.94	4,147.18	219.75	19.872		
14,000.00	6,840.00	6,419.99	6,330.79	216.41	27.12	-83.82	-1,509.39	-10,977.61	4,312.72	4,089.31	223.42	19.304		
14,100.00	6,840.00	6,416.29	6,327.17	219.06	27.10	-83.76	-1,508.87	-10,977.79	4,260.16	4,033.06	227.10	18.759		
14,200.00	6,840.00	6,412.59	6,323.55	221.70	27.08	-83.70	-1,508.35	-10,977.97	4,209.31	3,978.51	230.80	18.238		
14,300.00	6,840.00	6,408.89	6,319.93	224.35	27.06	-83.64	-1,507.83	-10,978.15	4,160.24	3,925.73	234.50	17.741		
14,400.00	6,840.00	6,405.19	6,316.31	227.00	27.04	-83.58	-1,507.31	-10,978.33	4,113.00	3,874.79	238.21	17.267		
14,500.00	6,840.00	6,401.49	6,312.69	229.65	27.02	-83.52	-1,506.79	-10,978.51	4,067.65	3,821.50	241.92	16.800		
14,600.00	6,840.00	6,397.79	6,309.07	232.30	27.00	-83.46	-1,506.27	-10,978.69	4,024.20	3,774.10	245.63	16.340		
14,700.00	6,840.00	6,394.09	6,305.45	234.96	26.98	-83.40	-1,505.75	-10,978.87	3,982.77	3,728.51	249.34	15.887		
14,800.00	6,840.00	6,390.39	6,301.83	237.61	26.96	-83.34	-1,505.23	-10,979.05	3,943.44	3,685.57	253.05	15.440		
14,900.00	6,840.00	6,386.69	6,298.21	240.27	26.94	-83.28	-1,504.71	-10,979.23	3,906.32	3,652.36	256.76	15.000		
15,000.00	6,840.00	6,382.99	6,294.59	242.93	26.92	-83.22	-1,504.19	-10,979.41	3,871.14	3,614.11	260.47	14.566		
15,100.00	6,840.00	6,379.29	6,290.97	245.59	26.90	-83.16	-1,503.67	-10,979.59	3,838.19	3,578.01	264.18	14.138		
15,200.00	6,840.00	6,375.59	6,287.35	248.25	26.88	-83.10	-1,503.15	-10,979.77	3,807.53	3,544.30	267.89	13.715		
15,300.00	6,840.00	6,371.89	6,283.73	250.92	26.86	-83.04	-1,502.63	-10,979.95	3,779.23	3,513.05	271.60	13.297		
15,400.00	6,840.00	6,368.19	6,280.11	253.58	26.84	-82.98	-1,502.11	-10,980.13	3,753.34	3,484.33	275.31	12.884		
15,500.00	6,840.00	6,364.49	6,276.49	256.25	26.82	-82.92	-1,501.59	-10,980.31	3,729.89	3,458.13	279.02	12.476		
15,600.00	6,840.00	6,360.79	6,272.87	258.91	26.80	-82.86	-1,501.07	-10,980.49	3,708.98	3,434.41	282.73	12.072		
15,700.00	6,840.00	6,357.09	6,269.25	261.58	26.78	-82.80	-1,500.55	-10,980.67	3,690.63	3,413.41	286.44	11.673		
15,800.00	6,840.00	6,353.39	6,265.63	264.25	26.76	-82.74	-1,500.03	-10,980.85	3,674.90	3,395.17	290.15	11.279		
15,900.00	6,840.00	6,349.69	6,262.01	266.92	26.74	-82.68	-1,499.51	-10,981.03	3,661.81	3,379.73	293.86	10.890		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
16,000.00	6,840.00	6,012.40	5,931.60	269.59	25.12	-77.45	-1,432.85	-11,006.36	3,651.39	3,367.13	284.26	12.845		
16,100.00	6,840.00	6,004.28	5,923.72	272.26	25.07	-77.32	-1,431.03	-11,007.07	3,643.67	3,357.40	286.26	12.728		
16,200.00	6,840.00	5,996.14	5,915.82	274.94	25.03	-77.19	-1,429.20	-11,007.78	3,638.66	3,350.58	288.09	12.630		
16,300.00	6,840.00	5,987.99	5,907.91	277.61	24.99	-77.06	-1,427.37	-11,008.50	3,636.38	3,346.66	289.72	12.551		
16,333.65	6,840.00	5,985.25	5,905.24	278.51	24.97	-77.02	-1,426.76	-11,008.74	3,636.22	3,346.00	290.22	12.529 CC		
16,400.00	6,840.00	5,979.83	5,899.98	280.28	24.94	-76.93	-1,425.54	-11,009.21	3,636.83	3,345.67	291.16	12.491 ES		
16,500.00	6,840.00	5,971.65	5,892.04	282.96	24.90	-76.81	-1,423.71	-11,009.93	3,640.00	3,347.60	292.40	12.449		
16,600.00	6,840.00	5,963.45	5,884.09	285.64	24.86	-76.68	-1,421.88	-11,010.65	3,645.90	3,352.45	293.44	12.425		
16,700.00	6,840.00	5,961.00	5,881.71	288.31	24.84	-76.64	-1,421.33	-11,010.87	3,654.50	3,360.10	294.41	12.413 SF		
16,800.00	6,840.00	5,961.00	5,881.71	290.99	24.84	-76.64	-1,421.33	-11,010.87	3,665.82	3,370.59	295.23	12.417		
16,900.00	6,840.00	5,961.00	5,881.71	293.67	24.84	-76.64	-1,421.33	-11,010.87	3,679.82	3,383.97	295.86	12.438		
17,000.00	6,840.00	5,961.00	5,881.71	296.35	24.84	-76.64	-1,421.33	-11,010.87	3,696.47	3,400.18	296.29	12.476		
17,100.00	6,840.00	5,961.00	5,881.71	299.03	24.84	-76.64	-1,421.33	-11,010.87	3,715.74	3,419.21	296.54	12.531		
17,200.00	6,840.00	5,961.00	5,881.71	301.71	24.84	-76.64	-1,421.33	-11,010.87	3,737.59	3,440.99	296.60	12.601		
17,300.00	6,840.00	5,961.00	5,881.71	304.39	24.84	-76.64	-1,421.33	-11,010.87	3,761.97	3,465.49	296.49	12.688		
17,400.00	6,840.00	5,961.00	5,881.71	307.08	24.84	-76.64	-1,421.33	-11,010.87	3,788.84	3,492.63	296.21	12.791		
17,500.00	6,840.00	5,932.19	5,853.70	309.76	24.69	-76.19	-1,415.05	-11,013.30	3,817.84	3,522.66	295.18	12.934		
17,600.00	6,840.00	5,929.16	5,850.75	312.44	24.68	-76.14	-1,414.40	-11,013.55	3,849.44	3,554.92	294.52	13.070		
17,700.00	6,840.00	5,926.18	5,847.84	315.13	24.66	-76.09	-1,413.77	-11,013.79	3,883.36	3,589.63	293.73	13.221		
17,800.00	6,840.00	5,923.24	5,844.98	317.81	24.65	-76.05	-1,413.16	-11,014.02	3,919.53	3,626.73	292.80	13.386		
17,900.00	6,840.00	5,920.36	5,842.17	320.50	24.63	-76.00	-1,412.56	-11,014.25	3,957.89	3,666.14	291.74	13.566		
18,000.00	6,840.00	5,917.53	5,839.41	323.19	24.62	-75.96	-1,411.97	-11,014.47	3,998.38	3,707.80	290.58	13.760		
18,100.00	6,840.00	5,914.74	5,836.69	325.87	24.60	-75.91	-1,411.39	-11,014.69	4,040.93	3,751.63	289.30	13.968		
18,200.00	6,840.00	5,912.00	5,834.01	328.56	24.59	-75.87	-1,410.83	-11,014.90	4,085.48	3,797.55	287.93	14.189		
18,300.00	6,840.00	5,909.30	5,831.38	331.25	24.58	-75.83	-1,410.27	-11,015.10	4,131.97	3,845.49	286.47	14.424		
18,400.00	6,840.00	5,906.65	5,828.79	333.94	24.56	-75.79	-1,409.73	-11,015.30	4,180.32	3,895.39	284.94	14.671		
18,500.00	6,840.00	5,904.03	5,826.24	336.63	24.55	-75.75	-1,409.21	-11,015.50	4,230.49	3,947.16	283.33	14.931		
18,600.00	6,840.00	5,901.46	5,823.73	339.32	24.54	-75.70	-1,408.69	-11,015.69	4,282.40	4,000.73	281.66	15.204		
18,700.00	6,840.00	5,898.93	5,821.26	342.01	24.52	-75.67	-1,408.18	-11,015.88	4,335.98	4,056.04	279.94	15.489		
18,800.00	6,840.00	5,896.44	5,818.83	344.70	24.51	-75.63	-1,407.68	-11,016.06	4,391.19	4,113.02	278.17	15.786		
18,900.00	6,840.00	5,893.99	5,816.38	347.39	24.50	-75.59	-1,407.19	-11,016.25	4,448.20	4,172.36	276.44	16.084		
19,000.00	6,840.00	5,891.56	5,813.95	350.08	24.49	-75.55	-1,406.70	-11,016.44	4,506.43	4,232.38	274.75	16.384		
19,100.00	6,840.00	5,889.14	5,811.53	352.77	24.48	-75.51	-1,406.22	-11,016.63	4,566.10	4,293.87	272.23	16.773		
19,200.00	6,840.00	5,886.72	5,809.11	355.46	24.47	-75.47	-1,405.74	-11,016.82	4,627.16	4,356.78	270.38	17.113		
19,300.00	6,840.00	5,884.31	5,806.70	358.16	24.46	-75.43	-1,405.27	-11,017.01	4,689.56	4,421.04	268.52	17.464		
19,400.00	6,840.00	5,881.90	5,804.29	360.85	24.45	-75.39	-1,404.80	-11,017.20	4,753.25	4,486.60	266.65	17.826		
19,500.00	6,840.00	5,879.50	5,801.88	363.54	24.44	-75.35	-1,404.33	-11,017.39	4,818.17	4,553.40	264.77	18.198		
19,600.00	6,840.00	5,877.10	5,799.47	366.24	24.43	-75.31	-1,403.86	-11,017.58	4,884.27	4,621.39	262.88	18.580		
19,700.00	6,840.00	5,874.70	5,797.06	368.93	24.42	-75.27	-1,403.39	-11,017.77	4,951.52	4,690.52	260.99	18.972		
19,800.00	6,840.00	5,872.30	5,794.65	371.63	24.41	-75.23	-1,402.92	-11,017.96	5,019.85	4,760.74	259.11	19.373		
19,900.00	6,840.00	5,869.90	5,792.24	374.32	24.40	-75.19	-1,402.45	-11,018.15	5,089.23	4,832.00	257.23	19.785		
20,000.00	6,840.00	5,867.50	5,789.83	377.02	24.39	-75.15	-1,401.98	-11,018.34	5,159.62	4,904.25	255.36	20.205		
20,100.00	6,840.00	5,865.10	5,787.42	379.71	24.38	-75.11	-1,401.51	-11,018.53	5,230.97	4,977.46	253.50	20.635		
20,200.00	6,840.00	5,862.70	5,785.01	382.41	24.37	-75.07	-1,401.04	-11,018.72	5,303.24	5,051.58	251.66	21.073		
20,300.00	6,840.00	5,860.30	5,782.60	385.11	24.36	-75.03	-1,400.57	-11,018.91	5,376.41	5,126.58	249.83	21.520		
20,400.00	6,840.00	5,857.90	5,780.19	387.80	24.35	-75.00	-1,400.10	-11,019.10	5,450.42	5,202.41	248.01	21.976		
20,500.00	6,840.00	5,855.50	5,777.78	390.50	24.34	-74.96	-1,399.63	-11,019.29	5,525.26	5,279.04	246.22	22.440		
20,600.00	6,840.00	5,853.10	5,775.37	393.20	24.33	-74.92	-1,399.16	-11,019.48	5,600.88	5,356.44	244.44	22.913		
20,691.67	6,840.00	5,850.70	5,772.96	395.67	24.32	-74.88	-1,398.69	-11,019.67	5,670.87	5,428.03	242.84	23.353		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
9,100.00	6,840.00	4,315.83	4,212.07	92.82	2.58	-60.00	-2,211.73	-12,400.07	9,969.06	9,893.31	75.75	131.598		
9,200.00	6,840.00	4,351.41	4,246.41	95.07	2.61	-60.35	-2,213.15	-12,409.29	9,882.66	9,805.64	77.02	128.308		
9,300.00	6,840.00	4,387.13	4,280.88	97.34	2.64	-60.70	-2,214.47	-12,418.56	9,796.42	9,718.10	78.32	125.082		
9,400.00	6,840.00	4,410.07	4,303.01	99.64	2.66	-60.93	-2,215.27	-12,424.52	9,710.37	9,630.74	79.63	121.951		
9,500.00	6,840.00	4,429.90	4,322.16	101.95	2.68	-61.12	-2,216.01	-12,429.67	9,624.53	9,543.58	80.95	118.889		
9,600.00	6,840.00	4,587.54	4,474.60	104.29	2.78	-62.73	-2,222.63	-12,469.23	9,538.87	9,456.34	82.53	115.579		
9,700.00	6,840.00	4,602.61	4,489.20	106.64	2.79	-62.88	-2,223.25	-12,472.89	9,453.12	9,369.21	83.91	112.653		
9,800.00	6,840.00	4,814.93	4,695.50	109.02	2.85	-65.12	-2,231.90	-12,522.34	9,367.31	9,281.69	85.62	109.402		
9,900.00	6,840.00	4,839.94	4,719.85	111.41	2.86	-65.39	-2,232.85	-12,527.93	9,281.55	9,194.47	87.08	106.581		
10,000.00	6,840.00	4,835.00	4,715.04	113.81	2.86	-65.34	-2,232.67	-12,526.83	9,196.06	9,107.53	88.53	103.871		
10,100.00	6,840.00	4,835.00	4,715.04	116.23	2.86	-65.34	-2,232.67	-12,526.83	9,110.87	9,020.85	90.02	101.208		
10,200.00	6,840.00	4,835.00	4,715.04	118.67	2.86	-65.34	-2,232.67	-12,526.83	9,025.98	8,934.44	91.54	98.601		
10,300.00	6,840.00	4,869.61	4,748.72	121.11	2.87	-65.71	-2,233.91	-12,534.73	8,941.22	8,848.08	93.14	95.993		
10,400.00	6,840.00	4,878.29	4,757.15	123.57	2.88	-65.80	-2,234.20	-12,536.76	8,856.86	8,762.12	94.74	93.483		
10,500.00	6,840.00	4,887.14	4,765.75	126.04	2.88	-65.90	-2,234.49	-12,538.85	8,772.81	8,676.43	96.37	91.028		
10,600.00	6,840.00	4,896.18	4,774.52	128.52	2.88	-66.00	-2,234.78	-12,541.01	8,689.07	8,591.03	98.04	88.627		
10,700.00	6,840.00	4,929.00	4,806.33	131.01	2.90	-66.35	-2,235.75	-12,549.03	8,605.73	8,505.96	99.78	86.249		
10,800.00	6,840.00	4,929.00	4,806.33	133.51	2.90	-66.35	-2,235.75	-12,549.03	8,522.59	8,421.09	101.50	83.965		
10,900.00	6,840.00	4,929.00	4,806.33	136.02	2.90	-66.35	-2,235.75	-12,549.03	8,439.82	8,336.56	103.26	81.734		
11,000.00	6,840.00	4,929.00	4,806.33	138.53	2.90	-66.35	-2,235.75	-12,549.03	8,357.42	8,252.36	105.05	79.553		
11,100.00	6,840.00	4,929.00	4,806.33	141.06	2.90	-66.35	-2,235.75	-12,549.03	8,275.41	8,168.52	106.88	77.423		
11,200.00	6,840.00	4,958.24	4,834.63	143.59	2.92	-66.67	-2,236.60	-12,556.35	8,193.68	8,084.88	108.80	75.307		
11,300.00	6,840.00	4,969.96	4,845.96	146.13	2.93	-66.80	-2,236.97	-12,559.30	8,112.37	8,001.64	110.73	73.261		
11,400.00	6,840.00	4,981.79	4,857.40	148.68	2.94	-66.93	-2,237.36	-12,562.30	8,031.45	7,918.75	112.70	71.264		
11,500.00	6,840.00	4,993.72	4,868.93	151.23	2.94	-67.06	-2,237.77	-12,565.33	7,950.92	7,836.21	114.71	69.314		
11,600.00	6,840.00	5,023.00	4,897.21	153.79	2.96	-67.38	-2,238.83	-12,572.84	7,870.84	7,754.05	116.79	67.393		
11,700.00	6,840.00	5,023.00	4,897.21	156.35	2.96	-67.38	-2,238.83	-12,572.84	7,791.10	7,672.24	118.86	65.549		
11,800.00	6,840.00	5,023.00	4,897.21	158.92	2.96	-67.38	-2,238.83	-12,572.84	7,711.84	7,590.87	120.97	63.752		
11,900.00	6,840.00	6,808.18	6,656.73	161.49	3.71	-89.24	-2,272.17	-12,818.14	7,633.02	7,507.87	125.15	60.989		
12,000.00	6,840.00	6,809.56	6,658.12	164.07	3.71	-89.26	-2,272.16	-12,818.16	7,551.50	7,424.08	127.42	59.263		
12,100.00	6,840.00	6,810.95	6,659.50	166.66	3.71	-89.28	-2,272.15	-12,818.18	7,470.43	7,340.69	129.74	57.581		
12,200.00	6,840.00	6,812.34	6,660.90	169.25	3.71	-89.29	-2,272.14	-12,818.20	7,389.82	7,257.72	132.10	55.941		
12,300.00	6,840.00	6,813.74	6,662.29	171.84	3.71	-89.31	-2,272.13	-12,818.22	7,309.69	7,175.18	134.51	54.342		
12,400.00	6,840.00	6,815.14	6,663.69	174.44	3.71	-89.33	-2,272.12	-12,818.24	7,230.05	7,093.08	136.97	52.784		
12,500.00	6,840.00	6,816.54	6,665.09	177.04	3.71	-89.35	-2,272.11	-12,818.26	7,150.93	7,011.44	139.49	51.267		
12,600.00	6,840.00	6,817.94	6,666.50	179.64	3.71	-89.37	-2,272.10	-12,818.28	7,072.33	6,930.29	142.05	49.789		
12,700.00	6,840.00	6,819.35	6,667.91	182.25	3.71	-89.39	-2,272.09	-12,818.30	6,994.28	6,849.62	144.66	48.350		
12,800.00	6,840.00	6,820.77	6,669.32	184.86	3.71	-89.40	-2,272.08	-12,818.32	6,916.80	6,769.47	147.33	46.949		
12,900.00	6,840.00	6,822.19	6,670.74	187.47	3.71	-89.42	-2,272.07	-12,818.34	6,839.90	6,689.85	150.04	45.586		
13,000.00	6,840.00	6,823.61	6,672.16	190.09	3.71	-89.44	-2,272.06	-12,818.36	6,763.60	6,610.79	152.81	44.260		
13,100.00	6,840.00	6,825.03	6,673.58	192.71	3.71	-89.46	-2,272.05	-12,818.38	6,687.93	6,532.29	155.64	42.971		
13,200.00	6,840.00	6,826.46	6,675.01	195.34	3.71	-89.48	-2,272.04	-12,818.40	6,612.90	6,454.38	158.52	41.717		
13,300.00	6,840.00	6,826.38	6,674.93	197.96	3.71	-89.48	-2,272.04	-12,818.39	6,538.54	6,377.09	161.45	40.499		
13,400.00	6,840.00	6,827.59	6,676.15	200.59	3.71	-89.49	-2,272.03	-12,818.41	6,464.88	6,300.44	164.44	39.315		
13,500.00	6,840.00	6,828.81	6,677.36	203.22	3.71	-89.51	-2,272.03	-12,818.43	6,391.92	6,224.44	167.48	38.165		
13,600.00	6,840.00	6,830.03	6,678.58	205.85	3.71	-89.53	-2,272.02	-12,818.45	6,319.71	6,149.14	170.58	37.049		
13,700.00	6,840.00	6,831.24	6,679.80	208.49	3.71	-89.54	-2,272.01	-12,818.46	6,248.27	6,074.54	173.73	35.965		
13,800.00	6,840.00	6,832.47	6,681.02	211.13	3.71	-89.56	-2,272.00	-12,818.48	6,177.61	6,000.68	176.94	34.914		
13,900.00	6,840.00	6,833.69	6,682.24	213.77	3.71	-89.57	-2,272.00	-12,818.50	6,107.78	5,927.58	180.20	33.895		
14,000.00	6,840.00	6,834.92	6,683.47	216.41	3.71	-89.59	-2,271.99	-12,818.52	6,038.79	5,855.28	183.52	32.906		
14,100.00	6,840.00	6,836.14	6,684.69	219.06	3.71	-89.61	-2,271.98	-12,818.53	5,970.68	5,783.80	186.89	31.948		
14,200.00	6,840.00	6,837.37	6,685.92	221.70	3.71	-89.62	-2,271.97	-12,818.55	5,903.48	5,713.17	190.31	31.020		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,300.00	6,840.00	6,838.61	6,687.16	224.35	3.71	-89.64	-2,271.96	-12,818.57	5,837.22	5,643.44	193.79	30.122		
14,400.00	6,840.00	6,839.84	6,688.39	227.00	3.71	-89.65	-2,271.96	-12,818.59	5,771.93	5,574.62	197.32	29.252		
14,500.00	6,840.00	6,841.08	6,689.63	229.65	3.71	-89.67	-2,271.95	-12,818.61	5,707.65	5,506.76	200.89	28.411		
14,600.00	6,840.00	6,842.32	6,690.87	232.30	3.71	-89.69	-2,271.94	-12,818.62	5,644.40	5,439.88	204.52	27.598		
14,700.00	6,840.00	6,843.56	6,692.11	234.96	3.71	-89.70	-2,271.93	-12,818.64	5,582.23	5,374.04	208.19	26.813		
14,800.00	6,840.00	6,844.80	6,693.35	237.61	3.72	-89.72	-2,271.93	-12,818.66	5,521.17	5,309.26	211.91	26.054		
14,900.00	6,840.00	6,846.05	6,694.60	240.27	3.72	-89.73	-2,271.92	-12,818.68	5,461.26	5,245.59	215.67	25.322		
15,000.00	6,840.00	6,847.30	6,695.85	242.93	3.72	-89.75	-2,271.91	-12,818.69	5,402.54	5,183.07	219.47	24.616		
15,100.00	6,840.00	6,848.55	6,697.10	245.59	3.72	-89.77	-2,271.90	-12,818.71	5,345.04	5,121.73	223.31	23.936		
15,200.00	6,840.00	6,849.80	6,698.35	248.25	3.72	-89.78	-2,271.90	-12,818.73	5,288.80	5,061.62	227.18	23.280		
15,300.00	6,840.00	6,851.05	6,699.60	250.92	3.72	-89.80	-2,271.89	-12,818.75	5,233.87	5,002.79	231.08	22.650		
15,400.00	6,840.00	6,852.31	6,700.86	253.58	3.72	-89.82	-2,271.88	-12,818.77	5,180.29	4,945.29	235.01	22.043		
15,500.00	6,840.00	6,853.57	6,702.12	256.25	3.72	-89.83	-2,271.87	-12,818.79	5,128.10	4,889.15	238.96	21.460		
15,600.00	6,840.00	6,854.83	6,703.38	258.91	3.72	-89.85	-2,271.87	-12,818.80	5,077.35	4,834.42	242.93	20.901		
15,700.00	6,840.00	6,856.10	6,704.65	261.58	3.72	-89.87	-2,271.86	-12,818.82	5,028.07	4,781.16	246.91	20.364		
15,800.00	6,840.00	6,857.36	6,705.91	264.25	3.72	-89.88	-2,271.85	-12,818.84	4,980.31	4,729.41	250.89	19.850		
15,900.00	6,840.00	6,858.63	6,707.18	266.92	3.72	-89.90	-2,271.84	-12,818.86	4,934.11	4,679.23	254.88	19.358		
16,000.00	6,840.00	6,859.91	6,708.45	269.59	3.72	-89.91	-2,271.84	-12,818.88	4,889.52	4,630.66	258.87	18.888		
16,100.00	6,840.00	6,861.18	6,709.73	272.26	3.72	-89.93	-2,271.83	-12,818.90	4,846.59	4,583.75	262.84	18.439		
16,200.00	6,840.00	6,862.45	6,711.00	274.94	3.72	-89.95	-2,271.82	-12,818.91	4,805.35	4,538.56	266.79	18.012		
16,300.00	6,840.00	6,863.73	6,712.28	277.61	3.72	-89.96	-2,271.82	-12,818.93	4,765.85	4,495.13	270.72	17.604		
16,400.00	6,840.00	6,865.01	6,713.56	280.28	3.72	-89.98	-2,271.81	-12,818.95	4,728.14	4,453.53	274.62	17.217		
16,500.00	6,840.00	6,866.30	6,714.84	282.96	3.72	-90.00	-2,271.80	-12,818.97	4,692.26	4,413.79	278.47	16.850		
16,600.00	6,840.00	6,867.58	6,716.13	285.64	3.72	-90.01	-2,271.79	-12,818.99	4,658.25	4,375.97	282.28	16.502		
16,700.00	6,840.00	6,868.87	6,717.42	288.31	3.72	-90.03	-2,271.79	-12,819.01	4,626.15	4,340.12	286.03	16.174		
16,800.00	6,840.00	6,870.16	6,718.71	290.99	3.72	-90.05	-2,271.78	-12,819.03	4,596.00	4,306.29	289.71	15.864		
16,900.00	6,840.00	6,871.45	6,720.00	293.67	3.72	-90.07	-2,271.77	-12,819.05	4,567.84	4,274.52	293.32	15.573		
17,000.00	6,840.00	6,872.75	6,721.29	296.35	3.72	-90.08	-2,271.77	-12,819.07	4,541.70	4,244.86	296.84	15.300		
17,100.00	6,840.00	6,874.05	6,722.59	299.03	3.72	-90.10	-2,271.76	-12,819.08	4,517.63	4,217.35	300.28	15.045		
17,200.00	6,840.00	6,875.35	6,723.89	301.71	3.72	-90.12	-2,271.75	-12,819.10	4,495.66	4,192.04	303.62	14.807		
17,300.00	6,840.00	6,876.65	6,725.19	304.39	3.72	-90.13	-2,271.75	-12,819.12	4,475.81	4,168.97	306.85	14.587		
17,400.00	6,840.00	6,877.95	6,726.50	307.08	3.72	-90.15	-2,271.74	-12,819.14	4,458.12	4,148.16	309.96	14.383		
17,500.00	6,840.00	6,879.26	6,727.81	309.76	3.72	-90.17	-2,271.73	-12,819.16	4,442.61	4,129.66	312.95	14.196		
17,600.00	6,840.00	6,880.57	6,729.11	312.44	3.72	-90.18	-2,271.73	-12,819.18	4,429.30	4,113.49	315.81	14.025		
17,700.00	6,840.00	6,881.88	6,730.43	315.13	3.72	-90.20	-2,271.72	-12,819.20	4,418.21	4,099.69	318.53	13.871		
17,800.00	6,840.00	6,883.20	6,731.74	317.81	3.72	-90.22	-2,271.71	-12,819.22	4,409.37	4,088.27	321.10	13.732		
17,900.00	6,840.00	6,884.51	6,733.06	320.50	3.72	-90.24	-2,271.71	-12,819.24	4,402.78	4,079.25	323.53	13.609		
18,000.00	6,840.00	6,885.83	6,734.38	323.19	3.72	-90.25	-2,271.70	-12,819.26	4,398.45	4,072.65	325.80	13.500		
18,100.00	6,840.00	6,887.15	6,735.70	325.87	3.73	-90.27	-2,271.69	-12,819.28	4,396.39	4,068.48	327.91	13.407		
18,140.49	6,840.00	6,887.69	6,736.23	326.96	3.73	-90.28	-2,271.69	-12,819.29	4,396.21	4,067.48	328.72	13.374 CC		
18,200.00	6,840.00	6,888.48	6,737.02	328.56	3.73	-90.29	-2,271.69	-12,819.30	4,396.61	4,066.75	329.86	13.329 ES		
18,300.00	6,840.00	6,889.81	6,738.35	331.25	3.73	-90.30	-2,271.68	-12,819.32	4,399.10	4,067.45	331.64	13.265		
18,400.00	6,840.00	6,891.14	6,739.68	333.94	3.73	-90.32	-2,271.67	-12,819.34	4,403.86	4,070.60	333.26	13.215		
18,500.00	6,840.00	6,892.47	6,741.01	336.63	3.73	-90.34	-2,271.67	-12,819.36	4,410.88	4,076.18	334.70	13.179		
18,600.00	6,840.00	6,893.80	6,742.34	339.32	3.73	-90.36	-2,271.66	-12,819.38	4,420.15	4,084.18	335.97	13.156		
18,700.00	6,840.00	6,895.14	6,743.68	342.01	3.73	-90.37	-2,271.65	-12,819.40	4,431.66	4,094.58	337.08	13.147 SF		
18,800.00	6,840.00	6,896.48	6,745.02	344.70	3.73	-90.39	-2,271.65	-12,819.42	4,445.39	4,107.38	338.01	13.152		
18,900.00	6,840.00	6,897.82	6,746.36	347.39	3.73	-90.41	-2,271.64	-12,819.44	4,461.32	4,122.54	338.78	13.169		
19,000.00	6,840.00	6,899.16	6,747.71	350.08	3.73	-90.43	-2,271.64	-12,819.46	4,479.42	4,140.05	339.38	13.199		
19,100.00	6,840.00	6,900.51	6,749.05	352.77	3.73	-90.44	-2,271.63	-12,819.48	4,499.68	4,159.86	339.81	13.242		
19,200.00	6,840.00	6,901.86	6,750.40	355.46	3.73	-90.46	-2,271.62	-12,819.50	4,522.05	4,181.96	340.09	13.297		
19,300.00	6,840.00	6,903.21	6,751.76	358.16	3.73	-90.48	-2,271.62	-12,819.52	4,546.52	4,206.30	340.22	13.364		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,400.00	6,840.00	6,904.57	6,753.11	360.85	3.73	-90.50	-2,271.61	-12,819.54	4,573.04	4,232.85	340.19	13.443	
19,500.00	6,840.00	6,905.93	6,754.47	363.54	3.73	-90.51	-2,271.61	-12,819.56	4,601.58	4,261.56	340.02	13.533	
19,600.00	6,840.00	6,907.29	6,755.83	366.24	3.73	-90.53	-2,271.60	-12,819.58	4,632.10	4,292.39	339.71	13.635	
19,700.00	6,840.00	6,908.65	6,757.19	368.93	3.73	-90.55	-2,271.59	-12,819.60	4,664.57	4,325.30	339.27	13.749	
19,800.00	6,840.00	6,910.01	6,758.55	371.63	3.73	-90.57	-2,271.59	-12,819.62	4,698.94	4,360.24	338.70	13.873	
19,900.00	6,840.00	6,911.38	6,759.92	374.32	3.73	-90.59	-2,271.58	-12,819.64	4,735.17	4,397.16	338.02	14.009	
20,000.00	6,840.00	6,912.75	6,761.29	377.02	3.73	-90.60	-2,271.58	-12,819.66	4,773.23	4,436.01	337.21	14.155	
20,100.00	6,840.00	6,915.17	6,763.71	379.71	3.73	-90.63	-2,271.57	-12,819.70	4,813.06	4,476.75	336.31	14.312	
20,200.00	6,840.00	6,917.89	6,766.43	382.41	3.73	-90.67	-2,271.55	-12,819.74	4,854.62	4,519.32	335.30	14.479	
20,300.00	6,840.00	6,920.68	6,769.22	385.11	3.73	-90.71	-2,271.54	-12,819.78	4,897.87	4,563.68	334.19	14.656	
20,400.00	6,840.00	6,923.55	6,772.09	387.80	3.73	-90.74	-2,271.53	-12,819.83	4,942.77	4,609.76	333.00	14.843	
20,500.00	6,840.00	6,926.50	6,775.04	390.50	3.73	-90.78	-2,271.51	-12,819.88	4,989.26	4,657.53	331.73	15.040	
20,600.00	6,840.00	6,929.53	6,778.07	393.20	3.74	-90.82	-2,271.50	-12,819.93	5,037.31	4,706.93	330.39	15.247	
20,691.67	6,840.00	6,932.38	6,780.92	395.67	3.74	-90.86	-2,271.48	-12,819.97	5,082.69	4,753.60	329.09	15.445	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
2,300.00	2,182.58	2,906.41	2,901.06	13.40	9.39	-51.62	194.65	-10,380.99	9,996.13	9,975.80	20.33	491.750		
2,400.00	2,272.11	2,916.00	2,910.61	14.28	9.43	-51.64	194.91	-10,380.19	9,958.54	9,937.47	21.07	472.553		
2,500.00	2,361.63	2,978.00	2,972.42	15.16	9.66	-51.77	196.44	-10,375.58	9,921.52	9,899.51	22.01	450.866		
2,600.00	2,451.16	2,600.00	3,060.88	16.04	8.23	-51.95	198.80	-10,369.11	9,884.71	9,863.37	21.34	463.206		
2,700.00	2,540.69	3,129.98	3,123.92	16.92	10.24	-52.08	200.67	-10,364.39	9,847.91	9,823.93	23.98	410.655		
2,800.00	2,630.22	3,167.00	3,160.84	17.81	10.38	-52.16	201.71	-10,361.90	9,811.76	9,786.92	24.85	394.908		
2,900.00	2,719.75	3,215.40	3,209.12	18.70	10.56	-52.26	203.12	-10,358.87	9,776.12	9,750.37	25.75	379.599		
3,000.00	2,809.28	3,287.44	3,281.00	19.58	10.83	-52.40	205.58	-10,354.62	9,740.88	9,714.13	26.75	364.202		
3,100.00	2,898.80	3,575.56	3,568.22	20.47	11.92	-53.01	213.62	-10,333.54	9,703.83	9,675.37	28.46	340.968		
3,200.00	2,988.33	3,200.00	3,661.41	21.36	10.48	-53.20	217.07	-10,326.15	9,667.02	9,639.20	27.82	347.498		
3,300.00	3,077.86	3,876.96	3,868.31	22.26	13.08	-53.63	225.62	-10,308.21	9,629.61	9,598.64	30.98	310.864		
3,400.00	3,167.39	3,933.75	3,924.83	23.15	13.30	-53.75	227.78	-10,303.05	9,591.94	9,560.01	31.94	300.356		
3,500.00	3,256.92	3,983.14	3,973.99	24.04	13.50	-53.86	229.61	-10,298.73	9,554.67	9,521.80	32.87	290.645		
3,600.00	3,346.44	4,028.45	4,019.12	24.93	13.67	-53.96	231.16	-10,294.95	9,517.88	9,484.08	33.80	281.560		
3,700.00	3,435.97	4,048.00	4,038.60	25.83	13.75	-54.00	231.79	-10,293.38	9,481.65	9,447.00	34.66	273.597		
3,800.00	3,525.50	4,102.31	4,092.73	26.72	13.95	-54.12	233.44	-10,289.30	9,445.91	9,410.28	35.62	265.165		
3,900.00	3,615.03	4,143.00	4,133.31	27.62	14.11	-54.21	234.58	-10,286.56	9,410.82	9,374.27	36.55	257.475		
4,000.00	3,704.56	4,143.00	4,133.31	28.51	14.11	-54.21	234.58	-10,286.56	9,376.45	9,339.10	37.35	251.038		
4,100.00	3,794.09	4,191.20	4,181.42	29.41	14.28	-54.32	235.70	-10,283.74	9,342.60	9,304.29	38.31	243.871		
4,200.00	3,883.61	4,237.00	4,227.15	30.30	14.45	-54.42	236.43	-10,281.57	9,309.61	9,270.35	39.26	237.097		
4,300.00	3,973.14	4,237.00	4,227.15	31.20	14.45	-54.42	236.43	-10,281.57	9,277.20	9,237.13	40.08	231.494		
4,400.00	4,062.67	4,269.33	4,259.46	32.10	14.57	-54.50	236.82	-10,280.36	9,245.56	9,204.57	40.99	225.539		
4,500.00	4,152.20	4,294.95	4,285.07	32.99	14.66	-54.56	237.09	-10,279.59	9,214.66	9,172.77	41.89	219.960		
4,600.00	4,241.73	4,331.00	4,321.11	33.89	14.79	-54.64	237.44	-10,278.81	9,184.52	9,141.69	42.83	214.447		
4,700.00	4,331.26	4,355.67	4,345.77	34.79	14.87	-54.70	237.66	-10,278.43	9,155.05	9,111.32	43.73	209.354		
4,800.00	4,420.78	4,396.83	4,386.93	35.69	15.02	-54.79	238.00	-10,277.97	9,126.21	9,081.53	44.69	204.221		
4,900.00	4,510.31	4,450.20	4,440.29	36.58	15.20	-54.92	238.41	-10,277.66	9,097.96	9,052.27	45.69	199.130		
5,000.00	4,599.84	4,534.21	4,524.30	37.48	15.49	-55.12	239.17	-10,277.33	9,070.01	9,023.22	46.79	193.838		
5,100.00	4,689.37	4,637.61	4,627.69	38.38	15.85	-55.36	240.44	-10,276.95	9,042.19	8,994.23	47.96	188.537		
5,200.00	4,778.90	5,200.00	4,764.64	39.28	17.81	-55.68	242.22	-10,275.79	9,014.01	8,963.26	50.75	177.603		
5,300.00	4,868.42	4,810.24	4,800.30	40.18	16.44	-55.77	242.39	-10,275.49	8,986.12	8,935.92	50.20	179.023		
5,400.00	4,957.95	4,866.00	4,856.06	41.07	16.63	-55.90	242.39	-10,275.46	8,958.99	8,907.78	51.21	174.933		
5,500.00	5,047.48	4,924.34	4,914.40	41.97	16.81	-56.05	242.23	-10,275.62	8,932.34	8,880.10	52.24	170.992		
5,600.00	5,137.01	5,037.61	5,027.68	42.87	17.18	-56.33	242.06	-10,275.57	8,905.62	8,852.18	53.44	166.636		
5,700.00	5,226.54	5,165.44	5,155.51	43.77	17.61	-56.65	241.71	-10,275.12	8,878.82	8,824.11	54.71	162.293		
5,800.00	5,316.07	5,265.02	5,255.08	44.67	17.95	-56.90	241.25	-10,274.46	8,851.89	8,796.00	55.89	158.385		
5,900.00	5,405.59	5,357.95	5,348.00	45.57	18.27	-57.14	240.66	-10,273.75	8,825.06	8,768.01	57.05	154.688		
6,000.00	5,495.12	5,459.06	5,449.11	46.47	18.61	-57.40	239.92	-10,272.83	8,798.26	8,740.01	58.24	151.062		
6,100.00	5,584.65	5,564.13	5,554.17	47.37	18.97	-57.67	239.18	-10,271.82	8,771.58	8,712.13	59.45	147.539		
6,200.00	5,674.18	5,717.12	5,707.14	48.27	19.51	-58.06	239.43	-10,269.66	8,744.49	8,683.67	60.82	143.770		
6,300.00	5,763.71	5,750.14	5,740.16	49.16	19.62	-58.15	239.44	-10,269.19	8,717.59	8,655.78	61.81	141.039		
6,400.00	5,853.23	5,784.13	5,774.15	50.06	19.74	-58.24	239.42	-10,268.92	8,691.41	8,628.61	62.80	138.394		
6,500.00	5,942.76	5,897.64	5,887.66	50.96	20.12	-58.53	239.23	-10,268.51	8,665.86	8,601.81	64.05	135.305		
6,600.00	6,032.29	5,978.20	5,968.21	51.86	20.40	-58.75	239.05	-10,267.88	8,640.04	8,574.84	65.20	132.521		
6,700.00	6,121.82	6,058.31	6,048.32	52.76	20.68	-58.96	238.87	-10,267.38	8,614.51	8,548.16	66.35	129.832		
6,800.00	6,211.35	6,155.96	6,145.97	53.66	21.02	-59.22	238.81	-10,266.84	8,589.18	8,521.61	67.57	127.123		
6,900.00	6,300.88	6,251.21	6,241.22	54.56	21.36	-59.47	238.88	-10,266.19	8,563.87	8,495.09	68.78	124.517		
7,000.00	6,390.40	6,340.18	6,330.18	55.46	21.67	-59.71	238.95	-10,265.58	8,538.72	8,468.75	69.97	122.033		
7,100.00	6,479.90	6,453.13	6,443.14	56.36	22.07	-58.38	239.27	-10,264.74	8,513.55	8,442.30	71.25	119.496		
7,200.00	6,565.62	6,534.69	6,524.69	57.41	22.36	-48.45	239.56	-10,263.98	8,478.48	8,406.01	72.47	116.989		
7,300.00	6,643.25	6,626.29	6,616.29	58.67	22.68	-43.54	239.83	-10,263.15	8,428.29	8,354.51	73.78	114.232		
7,400.00	6,710.45	6,660.00	6,649.99	60.11	22.80	-41.82	239.95	-10,262.78	8,364.40	8,289.48	74.92	111.650		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
7,500.00	6,765.16	6,697.02	6,687.01	61.71	22.93	-43.15	240.02	-10,262.47	8,288.94	8,212.92	76.02	109.038		
7,600.00	6,805.74	6,712.40	6,702.39	63.40	22.98	-48.24	240.01	-10,262.41	8,204.19	8,127.22	76.98	106.578		
7,700.00	6,830.93	6,722.03	6,712.02	65.14	23.01	-60.41	240.00	-10,262.40	8,112.52	8,034.71	77.80	104.267		
7,800.00	6,839.98	6,725.52	6,715.51	66.86	23.02	-87.85	239.99	-10,262.40	8,016.56	7,938.10	78.47	102.165		
7,900.00	6,840.00	6,725.54	6,715.53	68.58	23.02	-89.83	239.99	-10,262.40	7,919.37	7,840.33	79.04	100.200		
8,000.00	6,840.00	6,725.55	6,715.54	70.35	23.02	-89.83	239.99	-10,262.40	7,822.24	7,742.62	79.62	98.242		
8,100.00	6,840.00	6,725.56	6,715.55	72.18	23.02	-89.83	239.99	-10,262.40	7,725.19	7,644.96	80.23	96.292		
8,200.00	6,840.00	6,725.56	6,715.56	74.06	23.02	-89.83	239.99	-10,262.40	7,628.21	7,547.36	80.85	94.349		
8,300.00	6,840.00	6,725.57	6,715.57	75.98	23.02	-89.83	239.99	-10,262.40	7,531.32	7,449.82	81.50	92.414		
8,400.00	6,840.00	6,725.58	6,715.57	77.96	23.02	-89.83	239.99	-10,262.40	7,434.50	7,352.34	82.16	90.488		
8,500.00	6,840.00	6,725.59	6,715.58	79.97	23.02	-89.83	239.99	-10,262.40	7,337.77	7,254.92	82.85	88.570		
8,600.00	6,840.00	6,725.60	6,715.59	82.03	23.02	-89.83	239.99	-10,262.40	7,241.13	7,157.57	83.56	86.662		
8,700.00	6,840.00	6,725.61	6,715.60	84.12	23.02	-89.83	239.99	-10,262.40	7,144.58	7,060.29	84.29	84.763		
8,800.00	6,840.00	6,725.62	6,715.61	86.25	23.02	-89.84	239.99	-10,262.40	7,048.13	6,963.08	85.05	82.875		
8,900.00	6,840.00	6,725.63	6,715.62	88.41	23.02	-89.84	239.99	-10,262.40	6,951.78	6,865.95	85.83	80.997		
9,000.00	6,840.00	6,725.64	6,715.63	90.60	23.02	-89.84	239.99	-10,262.40	6,855.53	6,768.89	86.64	79.131		
9,100.00	6,840.00	6,725.65	6,715.64	92.82	23.02	-89.84	239.99	-10,262.40	6,759.39	6,671.92	87.47	77.276		
9,200.00	6,840.00	6,725.66	6,715.65	95.07	23.02	-89.84	239.99	-10,262.40	6,663.36	6,575.03	88.33	75.434		
9,300.00	6,840.00	6,725.67	6,715.66	97.34	23.02	-89.84	239.99	-10,262.40	6,567.46	6,478.23	89.23	73.604		
9,400.00	6,840.00	6,725.68	6,715.67	99.64	23.02	-89.84	239.99	-10,262.40	6,471.67	6,381.52	90.15	71.787		
9,500.00	6,840.00	6,725.69	6,715.68	101.95	23.02	-89.84	239.99	-10,262.40	6,376.02	6,284.91	91.11	69.985		
9,600.00	6,840.00	6,725.70	6,715.70	104.29	23.02	-89.84	239.99	-10,262.40	6,280.50	6,188.41	92.09	68.196		
9,700.00	6,840.00	6,725.72	6,715.71	106.64	23.02	-89.84	239.99	-10,262.40	6,185.13	6,092.01	93.12	66.422		
9,800.00	6,840.00	6,725.73	6,715.72	109.02	23.02	-89.84	239.99	-10,262.40	6,089.90	5,995.72	94.18	64.664		
9,900.00	6,840.00	6,725.74	6,715.73	111.41	23.02	-89.84	239.99	-10,262.40	5,994.83	5,899.55	95.27	62.921		
10,000.00	6,840.00	6,725.75	6,715.74	113.81	23.02	-89.84	239.99	-10,262.40	5,899.92	5,803.51	96.41	61.195		
10,100.00	6,840.00	6,725.76	6,715.75	116.23	23.02	-89.84	239.99	-10,262.40	5,805.18	5,707.59	97.59	59.486		
10,200.00	6,840.00	6,725.77	6,715.77	118.67	23.02	-89.84	239.99	-10,262.40	5,710.62	5,611.81	98.81	57.794		
10,300.00	6,840.00	6,725.79	6,715.78	121.11	23.02	-89.84	239.99	-10,262.40	5,616.25	5,516.17	100.08	56.120		
10,400.00	6,840.00	6,725.80	6,715.79	123.57	23.02	-89.84	239.99	-10,262.40	5,522.08	5,420.69	101.39	54.465		
10,500.00	6,840.00	6,725.81	6,715.80	126.04	23.02	-89.84	239.99	-10,262.40	5,428.11	5,325.36	102.75	52.829		
10,600.00	6,840.00	6,725.82	6,715.82	128.52	23.02	-89.84	239.99	-10,262.40	5,334.37	5,230.21	104.16	51.212		
10,700.00	6,840.00	6,725.84	6,715.83	131.01	23.02	-89.84	239.99	-10,262.40	5,240.86	5,135.23	105.63	49.616		
10,800.00	6,840.00	6,725.85	6,715.84	133.51	23.02	-89.84	239.99	-10,262.40	5,147.59	5,040.44	107.15	48.041		
10,900.00	6,840.00	6,725.87	6,715.86	136.02	23.02	-89.84	239.99	-10,262.40	5,054.57	4,945.84	108.73	46.486		
11,000.00	6,840.00	6,725.88	6,715.87	138.53	23.02	-89.84	239.99	-10,262.40	4,961.83	4,851.46	110.38	44.954		
11,100.00	6,840.00	6,725.89	6,715.88	141.06	23.02	-89.84	239.99	-10,262.40	4,869.38	4,757.30	112.08	43.444		
11,200.00	6,840.00	6,725.91	6,715.90	143.59	23.02	-89.84	239.99	-10,262.40	4,777.23	4,663.37	113.86	41.957		
11,300.00	6,840.00	6,725.92	6,715.91	146.13	23.02	-89.84	239.99	-10,262.40	4,685.41	4,569.70	115.71	40.494		
11,400.00	6,840.00	6,725.94	6,715.93	148.68	23.02	-89.84	239.99	-10,262.40	4,593.92	4,476.29	117.63	39.055		
11,500.00	6,840.00	6,725.95	6,715.94	151.23	23.02	-89.85	239.99	-10,262.40	4,502.80	4,383.17	119.63	37.640		
11,600.00	6,840.00	6,725.97	6,715.96	153.79	23.02	-89.85	239.99	-10,262.40	4,412.06	4,290.35	121.71	36.251		
11,700.00	6,840.00	6,725.98	6,715.98	156.35	23.02	-89.85	239.99	-10,262.40	4,321.73	4,197.85	123.88	34.888		
11,800.00	6,840.00	6,726.00	6,715.99	158.92	23.02	-89.85	239.99	-10,262.40	4,231.83	4,105.70	126.13	33.550		
11,900.00	6,840.00	6,726.02	6,716.01	161.49	23.03	-89.85	239.99	-10,262.40	4,142.40	4,013.91	128.49	32.240		
12,000.00	6,840.00	6,726.03	6,716.03	164.07	23.03	-89.85	239.99	-10,262.40	4,053.46	3,922.52	130.94	30.957		
12,100.00	6,840.00	6,726.05	6,716.04	166.66	23.03	-89.85	239.99	-10,262.40	3,965.05	3,831.56	133.50	29.702		
12,200.00	6,840.00	6,726.07	6,716.06	169.25	23.03	-89.85	239.99	-10,262.40	3,877.21	3,741.04	136.16	28.475		
12,300.00	6,840.00	6,726.09	6,716.08	171.84	23.03	-89.85	239.99	-10,262.40	3,789.96	3,651.02	138.94	27.277		
12,400.00	6,840.00	6,726.11	6,716.10	174.44	23.03	-89.85	239.99	-10,262.40	3,703.36	3,561.52	141.84	26.109		
12,500.00	6,840.00	6,726.12	6,716.12	177.04	23.03	-89.85	239.99	-10,262.40	3,617.45	3,472.58	144.87	24.971		
12,600.00	6,840.00	6,726.14	6,716.13	179.64	23.03	-89.85	239.99	-10,262.40	3,532.28	3,384.26	148.03	23.863		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
12,700.00	6,840.00	6,726.16	6,716.15	182.25	23.03	-89.85	239.99	-10,262.40	3,447.91	3,296.59	151.32	22.786		
12,800.00	6,840.00	6,726.18	6,716.17	184.86	23.03	-89.85	239.99	-10,262.40	3,364.40	3,209.64	154.76	21.740		
12,900.00	6,840.00	6,726.20	6,716.19	187.47	23.03	-89.85	239.99	-10,262.40	3,281.81	3,123.47	158.34	20.727		
13,000.00	6,840.00	6,726.22	6,716.21	190.09	23.03	-89.85	239.99	-10,262.40	3,200.21	3,038.13	162.07	19.745		
13,100.00	6,840.00	6,726.24	6,716.24	192.71	23.03	-89.85	239.99	-10,262.40	3,119.68	2,953.71	165.97	18.797		
13,200.00	6,840.00	6,726.27	6,716.26	195.34	23.03	-89.85	239.99	-10,262.40	3,040.31	2,870.29	170.02	17.882		
13,300.00	6,840.00	6,726.29	6,716.28	197.96	23.03	-89.86	239.99	-10,262.40	2,962.19	2,787.94	174.25	17.000		
13,400.00	6,840.00	6,726.31	6,716.30	200.59	23.03	-89.86	239.99	-10,262.40	2,885.42	2,706.78	178.64	16.153		
13,500.00	6,840.00	6,726.34	6,716.33	203.22	23.03	-89.86	239.99	-10,262.40	2,810.11	2,626.92	183.19	15.340		
13,600.00	6,840.00	6,726.36	6,716.35	205.85	23.03	-89.86	239.99	-10,262.40	2,736.38	2,548.46	187.92	14.561		
13,700.00	6,840.00	6,726.38	6,716.37	208.49	23.03	-89.86	239.99	-10,262.40	2,664.37	2,471.56	192.81	13.818		
13,800.00	6,840.00	6,726.41	6,716.40	211.13	23.03	-89.86	239.99	-10,262.40	2,594.22	2,396.35	197.87	13.111		
13,900.00	6,840.00	6,726.43	6,716.43	213.77	23.03	-89.86	239.99	-10,262.40	2,526.07	2,323.00	203.07	12.439		
14,000.00	6,840.00	6,726.46	6,716.45	216.41	23.03	-89.86	239.99	-10,262.40	2,460.10	2,251.69	208.41	11.804		
14,100.00	6,840.00	6,726.49	6,716.48	219.06	23.03	-89.86	239.99	-10,262.40	2,396.49	2,182.62	213.88	11.205		
14,200.00	6,840.00	6,726.52	6,716.51	221.70	23.03	-89.86	239.99	-10,262.40	2,335.44	2,116.00	219.44	10.643		
14,300.00	6,840.00	6,726.54	6,716.54	224.35	23.03	-89.86	239.99	-10,262.40	2,277.13	2,052.07	225.07	10.118		
14,400.00	6,840.00	6,726.57	6,716.56	227.00	23.03	-89.86	239.99	-10,262.40	2,221.81	1,991.08	230.73	9.630		
14,500.00	6,840.00	6,726.60	6,716.59	229.65	23.03	-89.87	239.99	-10,262.40	2,169.68	1,933.30	236.38	9.179		
14,600.00	6,840.00	6,726.63	6,716.63	232.30	23.03	-89.87	239.99	-10,262.40	2,120.98	1,879.01	241.97	8.765		
14,700.00	6,840.00	6,726.67	6,716.66	234.96	23.03	-89.87	239.99	-10,262.40	2,075.97	1,828.53	247.44	8.390		
14,800.00	6,840.00	6,726.70	6,716.69	237.61	23.03	-89.87	239.99	-10,262.40	2,034.88	1,782.15	252.73	8.052		
14,900.00	6,840.00	6,726.73	6,716.72	240.27	23.03	-89.87	239.99	-10,262.40	1,997.95	1,740.19	257.76	7.751		
15,000.00	6,840.00	6,726.77	6,716.76	242.93	23.03	-89.87	239.99	-10,262.40	1,965.42	1,702.96	262.46	7.488		
15,100.00	6,840.00	6,726.80	6,716.79	245.59	23.03	-89.87	239.99	-10,262.40	1,937.51	1,670.76	266.75	7.263		
15,200.00	6,840.00	6,726.84	6,716.83	248.25	23.03	-89.87	239.99	-10,262.40	1,914.43	1,643.87	270.56	7.076		
15,300.00	6,840.00	6,726.88	6,716.87	250.92	23.03	-89.87	239.99	-10,262.40	1,896.34	1,622.53	273.82	6.926		
15,400.00	6,840.00	6,726.91	6,716.91	253.58	23.03	-89.87	239.99	-10,262.40	1,883.40	1,606.94	276.46	6.813		
15,500.00	6,840.00	6,726.95	6,716.95	256.25	23.03	-89.88	239.99	-10,262.40	1,875.70	1,597.27	278.43	6.737		
15,594.62	6,840.00	6,726.99	6,716.98	258.77	23.03	-89.88	239.99	-10,262.40	1,873.32	1,593.66	279.66	6.699 CC		
15,600.00	6,840.00	6,727.00	6,716.99	258.91	23.03	-89.88	239.99	-10,262.40	1,873.32	1,593.61	279.71	6.697 ES		
15,700.00	6,840.00	6,727.04	6,717.03	261.58	23.03	-89.88	239.99	-10,262.40	1,876.28	1,596.00	280.28	6.694 SF		
15,800.00	6,840.00	6,727.08	6,717.07	264.25	23.03	-89.88	239.99	-10,262.40	1,884.54	1,604.41	280.13	6.727		
15,900.00	6,840.00	6,727.13	6,717.12	266.92	23.03	-89.88	239.99	-10,262.40	1,898.05	1,618.76	279.29	6.796		
16,000.00	6,840.00	6,727.17	6,717.16	269.59	23.03	-89.88	239.99	-10,262.40	1,916.68	1,638.88	277.79	6.900		
16,100.00	6,840.00	6,727.22	6,717.21	272.26	23.03	-89.88	239.99	-10,262.40	1,940.29	1,664.60	275.69	7.038		
16,200.00	6,840.00	6,727.27	6,717.26	274.94	23.03	-89.89	239.99	-10,262.40	1,968.71	1,695.66	273.04	7.210		
16,300.00	6,840.00	6,727.32	6,717.31	277.61	23.03	-89.89	239.99	-10,262.40	2,001.72	1,731.80	269.92	7.416		
16,400.00	6,840.00	6,727.38	6,717.37	280.28	23.03	-89.89	239.99	-10,262.40	2,039.11	1,772.72	266.39	7.655		
16,500.00	6,840.00	6,727.43	6,717.42	282.96	23.03	-89.89	239.99	-10,262.40	2,080.63	1,818.12	262.52	7.926		
16,600.00	6,840.00	6,727.49	6,717.48	285.64	23.03	-89.89	239.99	-10,262.40	2,126.06	1,867.67	258.38	8.228		
16,700.00	6,840.00	6,727.55	6,717.54	288.31	23.03	-89.89	239.99	-10,262.40	2,175.13	1,921.08	254.05	8.562		
16,800.00	6,840.00	6,727.61	6,717.60	290.99	23.03	-89.90	239.99	-10,262.40	2,227.62	1,978.05	249.57	8.926		
16,900.00	6,840.00	6,727.68	6,717.67	293.67	23.03	-89.90	239.99	-10,262.40	2,283.28	2,038.27	245.00	9.319		
17,000.00	6,840.00	6,727.74	6,717.74	296.35	23.03	-89.90	239.99	-10,262.40	2,341.88	2,101.50	240.39	9.742		
17,100.00	6,840.00	6,727.81	6,717.81	299.03	23.03	-89.90	239.99	-10,262.40	2,403.23	2,167.45	235.77	10.193		
17,200.00	6,840.00	6,727.89	6,717.88	301.71	23.03	-89.90	239.99	-10,262.40	2,467.10	2,235.91	231.19	10.671		
17,300.00	6,840.00	6,727.96	6,717.96	304.39	23.03	-89.91	239.99	-10,262.40	2,533.31	2,306.65	226.66	11.177		
17,400.00	6,840.00	6,728.04	6,718.03	307.08	23.03	-89.91	239.99	-10,262.40	2,601.68	2,379.47	222.20	11.709		
17,500.00	6,840.00	6,728.13	6,718.12	309.76	23.03	-89.91	239.99	-10,262.40	2,672.04	2,454.20	217.84	12.266		
17,600.00	6,840.00	6,728.21	6,718.20	312.44	23.03	-89.91	239.99	-10,262.40	2,744.25	2,530.65	213.59	12.848		
17,700.00	6,840.00	6,728.30	6,718.30	315.13	23.03	-89.92	239.99	-10,262.40	2,818.15	2,608.69	209.46	13.454		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
17,800.00	6,840.00	6,728.40	6,718.39	317.81	23.03	-89.92	239.99	-10,262.40	2,893.62	2,688.17	205.45	14.085		
17,900.00	6,840.00	6,728.50	6,718.49	320.50	23.03	-89.92	239.99	-10,262.40	2,970.54	2,768.98	201.56	14.738		
18,000.00	6,840.00	6,728.60	6,718.60	323.19	23.03	-89.93	239.99	-10,262.40	3,048.80	2,850.99	197.81	15.413		
18,100.00	6,840.00	6,728.71	6,718.71	325.87	23.03	-89.93	239.99	-10,262.40	3,128.30	2,934.12	194.18	16.110		
18,200.00	6,840.00	6,728.83	6,718.82	328.56	23.03	-89.93	239.99	-10,262.40	3,208.95	3,018.26	190.69	16.828		
18,300.00	6,840.00	6,728.95	6,718.94	331.25	23.03	-89.94	239.99	-10,262.40	3,290.66	3,103.33	187.32	17.567		
18,400.00	6,840.00	6,729.08	6,719.07	333.94	23.04	-89.94	239.99	-10,262.40	3,373.35	3,189.27	184.08	18.325		
18,500.00	6,840.00	6,729.22	6,719.21	336.63	23.04	-89.95	239.99	-10,262.40	3,456.96	3,276.00	180.96	19.103		
18,600.00	6,840.00	6,729.36	6,719.36	339.32	23.04	-89.95	239.99	-10,262.40	3,541.42	3,363.45	177.96	19.900		
18,700.00	6,840.00	6,729.52	6,719.51	342.01	23.04	-89.95	239.99	-10,262.40	3,626.67	3,451.59	175.08	20.714		
18,800.00	6,840.00	6,729.68	6,719.67	344.70	23.04	-89.96	239.98	-10,262.40	3,712.65	3,540.35	172.31	21.547		
18,900.00	6,840.00	6,729.86	6,719.85	347.39	23.04	-89.96	239.98	-10,262.40	3,799.33	3,629.68	169.64	22.396		
19,000.00	6,840.00	6,730.04	6,720.03	350.08	23.04	-89.97	239.98	-10,262.40	3,886.64	3,719.56	167.08	23.262		
19,100.00	6,840.00	6,730.24	6,720.23	352.77	23.04	-89.98	239.98	-10,262.40	3,974.55	3,809.93	164.62	24.144		
19,200.00	6,840.00	6,730.45	6,720.45	355.46	23.04	-89.98	239.98	-10,262.40	4,063.02	3,900.77	162.25	25.042		
19,300.00	6,840.00	6,730.68	6,720.67	358.16	23.04	-89.99	239.98	-10,262.40	4,152.01	3,992.04	159.98	25.954		
19,400.00	6,840.00	6,730.93	6,720.92	360.85	23.04	-90.00	239.98	-10,262.40	4,241.49	4,083.71	157.79	26.881		
19,500.00	6,840.00	6,731.20	6,721.19	363.54	23.04	-90.01	239.98	-10,262.40	4,331.44	4,175.75	155.68	27.822		
19,600.00	6,840.00	6,731.49	6,721.48	366.24	23.04	-90.01	239.98	-10,262.40	4,421.81	4,268.15	153.66	28.777		
19,700.00	6,840.00	6,731.80	6,721.79	368.93	23.04	-90.02	239.98	-10,262.41	4,512.59	4,360.88	151.71	29.745		
19,800.00	6,840.00	6,732.15	6,722.14	371.63	23.05	-90.03	239.98	-10,262.41	4,603.76	4,453.92	149.83	30.726		
19,900.00	6,840.00	6,732.52	6,722.52	374.32	23.05	-90.05	239.98	-10,262.41	4,695.28	4,547.25	148.03	31.718		
20,000.00	6,840.00	6,732.94	6,722.93	377.02	23.05	-90.06	239.98	-10,262.41	4,787.14	4,640.85	146.29	32.723		
20,100.00	6,840.00	6,733.40	6,723.39	379.71	23.05	-90.07	239.98	-10,262.41	4,879.32	4,734.70	144.62	33.739		
20,200.00	6,840.00	6,733.91	6,723.90	382.41	23.05	-90.09	239.97	-10,262.41	4,971.81	4,828.80	143.01	34.766		
20,300.00	6,840.00	6,734.49	6,724.48	385.11	23.05	-90.11	239.97	-10,262.41	5,064.58	4,923.12	141.46	35.803		
20,400.00	6,840.00	6,735.13	6,725.12	387.80	23.06	-90.13	239.97	-10,262.41	5,157.62	5,017.66	139.96	36.851		
20,500.00	6,840.00	6,735.87	6,725.86	390.50	23.06	-90.15	239.97	-10,262.41	5,250.91	5,112.40	138.52	37.908		
20,600.00	6,840.00	6,736.71	6,726.70	393.20	23.06	-90.17	239.97	-10,262.41	5,344.45	5,207.33	137.13	38.975		
20,691.67	6,840.00	6,737.60	6,727.59	395.67	23.06	-90.20	239.96	-10,262.42	5,430.40	5,294.51	135.89	39.960		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	2,898.80	3,733.99	3,690.79	20.47	1.97	-57.50	-538.34	-10,548.35	9,993.11	9,974.00	19.11	522.848		
3,200.00	2,988.33	3,901.85	3,854.54	21.36	2.06	-58.07	-569.26	-10,528.22	9,957.35	9,937.43	19.92	499.908		
3,300.00	3,077.86	3,974.53	3,925.26	22.26	2.09	-58.33	-583.33	-10,519.16	9,921.68	9,900.96	20.72	478.794		
3,400.00	3,167.39	4,088.81	4,036.52	23.15	2.14	-58.73	-605.22	-10,504.97	9,886.35	9,864.82	21.54	459.079		
3,500.00	3,256.92	4,216.64	4,161.19	24.04	2.19	-59.17	-628.31	-10,488.63	9,850.91	9,828.56	22.35	440.702		
3,600.00	3,346.44	4,268.78	4,211.96	24.93	2.22	-59.35	-638.03	-10,481.83	9,815.58	9,792.41	23.17	423.622		
3,700.00	3,435.97	4,322.00	4,263.79	25.83	2.24	-59.54	-647.99	-10,474.99	9,780.68	9,756.69	23.99	407.635		
3,800.00	3,525.50	4,374.50	4,314.97	26.72	2.26	-59.73	-657.65	-10,468.39	9,746.27	9,721.45	24.82	392.653		
3,900.00	3,615.03	4,478.88	4,416.72	27.62	2.31	-60.10	-676.83	-10,455.23	9,712.08	9,686.42	25.66	378.520		
4,000.00	3,704.56	4,511.00	4,448.03	28.51	2.33	-60.21	-682.77	-10,451.19	9,678.30	9,651.81	26.49	365.292		
4,100.00	3,794.09	4,559.27	4,495.09	29.41	2.35	-60.38	-691.75	-10,445.30	9,645.10	9,617.76	27.34	352.821		
4,200.00	3,883.61	4,618.72	4,553.09	30.30	2.38	-60.60	-702.80	-10,438.32	9,612.49	9,584.31	28.18	341.053		
4,300.00	3,973.14	4,701.86	4,634.36	31.20	2.41	-60.89	-717.46	-10,428.69	9,580.20	9,551.17	29.04	329.930		
4,400.00	4,062.67	4,741.59	4,673.27	32.10	2.43	-61.03	-724.11	-10,424.23	9,548.34	9,518.45	29.89	319.436		
4,500.00	4,152.20	4,955.67	4,882.81	32.99	2.53	-61.79	-760.21	-10,399.42	9,516.78	9,486.03	30.75	309.440		
4,600.00	4,241.73	4,987.94	4,914.32	33.89	2.55	-61.91	-765.91	-10,395.42	9,484.75	9,453.13	31.62	299.965		
4,700.00	4,331.26	5,029.66	4,955.04	34.79	2.57	-62.06	-773.49	-10,390.41	9,453.38	9,420.89	32.49	290.970		
4,800.00	4,420.78	5,079.00	5,003.18	35.69	2.59	-62.24	-782.57	-10,384.54	9,422.50	9,389.13	33.36	282.419		
4,900.00	4,510.31	5,126.59	5,049.65	36.58	2.62	-62.41	-791.25	-10,379.04	9,392.18	9,357.94	34.24	274.291		
5,000.00	4,599.84	5,167.43	5,089.59	37.48	2.63	-62.56	-798.50	-10,374.58	9,362.53	9,327.41	35.12	266.565		
5,100.00	4,689.37	5,223.72	5,144.76	38.38	2.66	-62.76	-808.04	-10,368.75	9,333.49	9,297.48	36.01	259.209		
5,200.00	4,778.90	5,200.00	5,251.78	39.28	2.64	-63.16	-826.18	-10,357.32	9,304.61	9,267.74	36.87	252.351		
5,300.00	4,868.42	5,376.02	5,294.18	40.18	2.72	-63.31	-832.89	-10,352.91	9,276.11	9,238.32	37.79	245.476		
5,400.00	4,957.95	5,416.74	5,334.29	41.07	2.74	-63.45	-838.80	-10,349.07	9,248.28	9,209.59	38.68	239.085		
5,500.00	5,047.48	5,467.98	5,384.86	41.97	2.76	-63.63	-845.77	-10,344.57	9,221.06	9,181.49	39.58	232.985		
5,600.00	5,137.01	5,556.07	5,471.83	42.87	2.79	-63.93	-857.39	-10,336.91	9,194.14	9,153.67	40.48	227.155		
5,700.00	5,226.54	5,602.16	5,517.35	43.77	2.81	-64.09	-863.44	-10,332.99	9,167.67	9,126.29	41.38	221.560		
5,800.00	5,316.07	5,646.00	5,560.67	44.67	2.83	-64.24	-869.24	-10,329.52	9,141.91	9,099.63	42.28	216.205		
5,900.00	5,405.59	5,667.68	5,582.11	45.57	2.84	-64.32	-872.09	-10,327.94	9,116.85	9,073.66	43.19	211.074		
6,000.00	5,495.12	5,894.98	5,807.24	46.47	2.93	-65.09	-898.33	-10,311.08	9,091.87	9,047.78	44.09	206.221		
6,100.00	5,584.65	5,949.23	5,860.82	47.37	2.96	-65.28	-905.45	-10,306.40	9,066.43	9,021.43	45.00	201.455		
6,200.00	5,674.18	6,019.17	5,929.80	48.27	3.00	-65.53	-915.23	-10,300.36	9,041.48	8,995.55	45.92	196.875		
6,300.00	5,763.71	6,057.82	5,967.87	49.16	3.02	-65.67	-921.01	-10,297.03	9,017.06	8,970.21	46.85	192.467		
6,400.00	5,853.23	6,126.98	6,035.90	50.06	3.05	-65.92	-932.02	-10,291.17	8,993.31	8,945.53	47.78	188.227		
6,500.00	5,942.76	6,245.89	6,152.56	50.96	3.12	-66.37	-952.21	-10,280.07	8,969.39	8,920.67	48.72	184.114		
6,600.00	6,032.29	6,273.00	6,179.12	51.86	3.13	-66.47	-956.98	-10,277.54	8,946.12	8,896.47	49.65	180.174		
6,700.00	6,121.82	6,321.94	6,227.16	52.76	3.16	-66.66	-965.32	-10,273.29	8,923.55	8,872.96	50.59	176.384		
6,800.00	6,211.35	6,395.72	6,299.83	53.66	3.19	-66.93	-976.72	-10,267.60	8,901.61	8,850.08	51.53	172.741		
6,900.00	6,300.88	6,507.39	6,410.20	54.56	3.23	-67.33	-991.58	-10,259.44	8,879.75	8,827.28	52.47	169.236		
7,000.00	6,390.40	6,578.12	6,480.36	55.46	3.26	-67.57	-999.29	-10,254.83	8,858.19	8,804.79	53.41	165.860		
7,100.00	6,479.90	6,628.11	6,530.06	56.36	3.27	-66.14	-1,003.88	-10,252.01	8,837.04	8,782.69	54.35	162.599		
7,200.00	6,565.62	6,684.29	6,585.98	57.41	3.29	-56.47	-1,008.39	-10,249.28	8,806.83	8,751.46	55.37	159.068		
7,300.00	6,643.25	6,726.26	6,627.81	58.67	3.31	-51.91	-1,011.38	-10,247.49	8,762.04	8,705.56	56.48	155.135		
7,400.00	6,710.45	6,752.08	6,653.56	60.11	3.31	-50.86	-1,013.10	-10,246.55	8,704.10	8,646.45	57.65	150.971		
7,500.00	6,765.16	6,772.00	6,673.43	61.71	3.32	-52.96	-1,014.38	-10,245.92	8,634.66	8,575.82	58.84	146.742		
7,600.00	6,805.74	6,772.00	6,673.43	63.40	3.32	-58.61	-1,014.38	-10,245.92	8,555.71	8,495.71	60.00	142.594		
7,700.00	6,830.93	6,792.46	6,693.84	65.14	3.33	-69.83	-1,015.62	-10,245.40	8,469.39	8,408.32	61.08	138.667		
7,800.00	6,839.98	6,794.70	6,696.08	66.86	3.33	-88.59	-1,015.75	-10,245.35	8,378.28	8,316.24	62.04	135.050		
7,900.00	6,840.00	6,793.97	6,695.35	68.58	3.33	-89.77	-1,015.71	-10,245.36	8,285.60	8,222.67	62.93	131.660		
8,000.00	6,840.00	6,793.22	6,694.60	70.35	3.33	-89.75	-1,015.67	-10,245.38	8,193.09	8,129.24	63.85	128.312		
8,100.00	6,840.00	6,792.44	6,693.83	72.18	3.33	-89.74	-1,015.62	-10,245.40	8,100.76	8,035.96	64.80	125.007		
8,200.00	6,840.00	6,791.65	6,693.04	74.06	3.33	-89.73	-1,015.58	-10,245.41	8,008.62	7,942.84	65.78	121.746		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,790.84	6,692.23	75.98	3.33	-89.71	-1,015.53	-10,245.43	7,916.66	7,849.87	66.79	118.529		
8,400.00	6,840.00	6,790.01	6,691.39	77.96	3.33	-89.70	-1,015.48	-10,245.45	7,824.90	7,757.07	67.83	115.358		
8,500.00	6,840.00	6,772.00	6,673.43	79.97	3.32	-89.37	-1,014.38	-10,245.92	7,733.40	7,664.49	68.91	112.233		
8,600.00	6,840.00	6,772.00	6,673.43	82.03	3.32	-89.37	-1,014.38	-10,245.92	7,642.05	7,572.04	70.01	109.156		
8,700.00	6,840.00	6,772.00	6,673.43	84.12	3.32	-89.37	-1,014.38	-10,245.92	7,550.92	7,479.77	71.15	106.128		
8,800.00	6,840.00	6,772.00	6,673.43	86.25	3.32	-89.37	-1,014.38	-10,245.92	7,460.02	7,387.69	72.32	103.149		
8,900.00	6,840.00	6,772.00	6,673.43	88.41	3.32	-89.37	-1,014.38	-10,245.92	7,369.35	7,295.82	73.53	100.220		
9,000.00	6,840.00	6,772.00	6,673.43	90.60	3.32	-89.37	-1,014.38	-10,245.92	7,278.93	7,204.15	74.78	97.341		
9,100.00	6,840.00	6,772.00	6,673.43	92.82	3.32	-89.37	-1,014.38	-10,245.92	7,188.76	7,112.70	76.06	94.513		
9,200.00	6,840.00	6,772.00	6,673.43	95.07	3.32	-89.37	-1,014.38	-10,245.92	7,098.85	7,021.47	77.38	91.736		
9,300.00	6,840.00	6,772.00	6,673.43	97.34	3.32	-89.37	-1,014.38	-10,245.92	7,009.22	6,930.48	78.75	89.011		
9,400.00	6,840.00	6,772.00	6,673.43	99.64	3.32	-89.37	-1,014.38	-10,245.92	6,919.88	6,839.73	80.15	86.338		
9,500.00	6,840.00	6,772.00	6,673.43	101.95	3.32	-89.37	-1,014.38	-10,245.92	6,830.82	6,749.23	81.59	83.718		
9,600.00	6,840.00	6,772.00	6,673.43	104.29	3.32	-89.37	-1,014.38	-10,245.92	6,742.08	6,659.00	83.08	81.150		
9,700.00	6,840.00	6,772.00	6,673.43	106.64	3.32	-89.37	-1,014.38	-10,245.92	6,653.65	6,569.04	84.61	78.635		
9,800.00	6,840.00	6,772.00	6,673.43	109.02	3.32	-89.37	-1,014.38	-10,245.92	6,565.56	6,479.37	86.19	76.173		
9,900.00	6,840.00	6,772.00	6,673.43	111.41	3.32	-89.37	-1,014.38	-10,245.92	6,477.81	6,389.99	87.82	73.763		
10,000.00	6,840.00	6,772.00	6,673.43	113.81	3.32	-89.37	-1,014.38	-10,245.92	6,390.42	6,300.93	89.49	71.407		
10,100.00	6,840.00	6,772.00	6,673.43	116.23	3.32	-89.37	-1,014.38	-10,245.92	6,303.41	6,212.19	91.22	69.104		
10,200.00	6,840.00	6,772.00	6,673.43	118.67	3.32	-89.37	-1,014.38	-10,245.92	6,216.79	6,123.80	92.99	66.853		
10,300.00	6,840.00	6,772.00	6,673.43	121.11	3.32	-89.37	-1,014.38	-10,245.92	6,130.57	6,035.75	94.82	64.655		
10,400.00	6,840.00	6,772.00	6,673.43	123.57	3.32	-89.37	-1,014.38	-10,245.92	6,044.78	5,948.08	96.70	62.510		
10,500.00	6,840.00	6,772.00	6,673.43	126.04	3.32	-89.37	-1,014.38	-10,245.92	5,959.43	5,860.80	98.64	60.417		
10,600.00	6,840.00	6,772.00	6,673.43	128.52	3.32	-89.37	-1,014.38	-10,245.92	5,874.55	5,773.92	100.63	58.376		
10,700.00	6,840.00	6,761.09	6,662.54	131.01	3.32	-89.17	-1,013.69	-10,246.25	5,790.13	5,687.45	102.68	56.392		
10,800.00	6,840.00	6,759.20	6,660.66	133.51	3.32	-89.13	-1,013.56	-10,246.31	5,706.22	5,601.44	104.79	54.455		
10,900.00	6,840.00	6,757.26	6,658.73	136.02	3.32	-89.10	-1,013.44	-10,246.38	5,622.84	5,515.88	106.96	52.569		
11,000.00	6,840.00	6,755.27	6,656.74	138.53	3.32	-89.06	-1,013.31	-10,246.44	5,540.01	5,430.82	109.20	50.735		
11,100.00	6,840.00	6,753.23	6,654.71	141.06	3.32	-89.02	-1,013.18	-10,246.51	5,457.76	5,346.26	111.50	48.950		
11,200.00	6,840.00	6,751.14	6,652.62	143.59	3.31	-88.99	-1,013.04	-10,246.58	5,376.10	5,262.24	113.86	47.216		
11,300.00	6,840.00	6,748.98	6,650.48	146.13	3.31	-88.95	-1,012.90	-10,246.65	5,295.07	5,178.77	116.30	45.531		
11,400.00	6,840.00	6,746.78	6,648.27	148.68	3.31	-88.91	-1,012.75	-10,246.73	5,214.70	5,095.90	118.80	43.895		
11,500.00	6,840.00	6,744.51	6,646.00	151.23	3.31	-88.86	-1,012.60	-10,246.81	5,135.02	5,013.64	121.37	42.308		
11,600.00	6,840.00	6,742.17	6,643.67	153.79	3.31	-88.82	-1,012.45	-10,246.89	5,056.05	4,932.04	124.02	40.769		
11,700.00	6,840.00	6,739.77	6,641.28	156.35	3.31	-88.78	-1,012.29	-10,246.98	4,977.84	4,851.11	126.74	39.277		
11,800.00	6,840.00	6,737.29	6,638.81	158.92	3.31	-88.73	-1,012.12	-10,247.07	4,900.43	4,770.90	129.53	37.833		
11,900.00	6,840.00	6,734.74	6,636.27	161.49	3.31	-88.69	-1,011.95	-10,247.16	4,823.84	4,691.44	132.40	36.435		
12,000.00	6,840.00	6,732.12	6,633.66	164.07	3.31	-88.64	-1,011.77	-10,247.26	4,748.12	4,612.78	135.34	35.083		
12,100.00	6,840.00	6,729.42	6,630.96	166.66	3.31	-88.59	-1,011.59	-10,247.37	4,673.31	4,534.95	138.36	33.776		
12,200.00	6,840.00	6,726.63	6,628.18	169.25	3.31	-88.54	-1,011.40	-10,247.47	4,599.45	4,458.00	141.46	32.514		
12,300.00	6,840.00	6,723.76	6,625.32	171.84	3.31	-88.48	-1,011.21	-10,247.59	4,526.60	4,381.97	144.63	31.297		
12,400.00	6,840.00	6,720.79	6,622.36	174.44	3.30	-88.43	-1,011.00	-10,247.71	4,454.80	4,306.91	147.89	30.123		
12,500.00	6,840.00	6,717.73	6,619.31	177.04	3.30	-88.37	-1,010.79	-10,247.83	4,384.10	4,232.88	151.22	28.992		
12,600.00	6,840.00	6,714.33	6,616.91	179.64	3.30	-88.38	-1,010.83	-10,247.80	4,314.56	4,159.92	154.63	27.902		
12,700.00	6,840.00	6,712.36	6,613.96	182.25	3.30	-88.28	-1,010.42	-10,248.05	4,246.23	4,088.12	158.11	26.857		
12,800.00	6,840.00	6,706.21	6,607.83	184.86	3.30	-88.16	-1,009.99	-10,248.32	4,179.17	4,017.52	161.65	25.853		
12,900.00	6,840.00	6,699.87	6,601.52	187.47	3.30	-88.05	-1,009.53	-10,248.59	4,113.45	3,948.18	165.27	24.890		
13,000.00	6,840.00	6,693.34	6,595.00	190.09	3.30	-87.93	-1,009.06	-10,248.88	4,049.12	3,880.17	168.95	23.966		
13,100.00	6,840.00	6,686.59	6,588.28	192.71	3.29	-87.80	-1,008.56	-10,249.18	3,986.25	3,813.56	172.69	23.083		
13,200.00	6,840.00	6,679.63	6,581.35	195.34	3.29	-87.68	-1,008.04	-10,249.50	3,924.92	3,748.42	176.50	22.238		
13,300.00	6,840.00	6,672.44	6,574.19	197.96	3.29	-87.54	-1,007.49	-10,249.83	3,865.19	3,684.84	180.35	21.431		
13,400.00	6,840.00	6,665.02	6,566.79	200.59	3.29	-87.41	-1,006.91	-10,250.18	3,807.14	3,622.89	184.25	20.663		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	6,657.34	6,559.15	203.22	3.28	-87.27	-1,006.30	-10,250.54	3,750.85	3,562.66	188.19	19.931		
13,600.00	6,840.00	6,649.39	6,551.24	205.85	3.28	-87.12	-1,005.66	-10,250.93	3,696.41	3,504.24	192.17	19.236		
13,700.00	6,840.00	6,641.28	6,543.16	208.49	3.28	-86.97	-1,004.99	-10,251.33	3,643.88	3,447.72	196.16	18.576		
13,800.00	6,840.00	6,632.83	6,534.75	211.13	3.28	-86.82	-1,004.28	-10,251.76	3,593.35	3,393.19	200.16	17.952		
13,900.00	6,840.00	6,623.87	6,525.84	213.77	3.27	-86.66	-1,003.51	-10,252.23	3,544.91	3,340.75	204.17	17.363		
14,000.00	6,840.00	6,614.38	6,516.40	216.41	3.27	-86.48	-1,002.67	-10,252.74	3,498.65	3,290.50	208.15	16.808		
14,100.00	6,840.00	6,604.31	6,506.38	219.06	3.27	-86.30	-1,001.76	-10,253.30	3,454.65	3,242.54	212.11	16.287		
14,200.00	6,840.00	14,200.00	6,466.78	221.70	6.01	-85.57	-997.79	-10,255.73	3,412.95	3,195.57	217.38	15.701		
14,300.00	6,840.00	6,579.05	6,481.28	224.35	3.26	-85.83	-999.38	-10,254.78	3,373.77	3,153.91	219.86	15.345		
14,400.00	6,840.00	14,400.00	6,406.68	227.00	6.36	-84.46	-991.05	-10,259.73	3,337.00	3,112.00	225.00	14.831		
14,500.00	6,840.00	6,510.89	6,413.67	229.65	3.23	-84.59	-992.00	-10,259.20	3,302.85	3,075.86	226.98	14.551		
14,600.00	6,840.00	6,481.52	6,384.59	232.30	3.22	-84.05	-988.40	-10,261.27	3,271.30	3,040.90	230.40	14.198		
14,700.00	6,840.00	6,455.23	6,358.60	234.96	3.21	-83.57	-984.98	-10,263.20	3,242.46	3,008.76	233.70	13.874		
14,800.00	6,840.00	6,437.37	6,340.96	237.61	3.20	-83.24	-982.57	-10,264.52	3,216.43	2,979.50	236.93	13.575		
14,900.00	6,840.00	14,900.00	6,286.68	240.27	6.59	-82.23	-974.66	-10,268.63	3,193.26	2,950.98	242.28	13.180		
15,000.00	6,840.00	6,404.64	6,308.63	242.93	3.19	-82.64	-978.00	-10,266.94	3,173.06	2,930.15	242.91	13.063		
15,100.00	6,840.00	15,100.00	6,224.06	245.59	7.20	-81.06	-964.70	-10,273.64	3,155.81	2,908.07	247.73	12.739		
15,200.00	6,840.00	6,326.05	6,231.20	248.25	3.16	-81.20	-966.00	-10,272.96	3,141.59	2,894.02	247.56	12.690		
15,300.00	6,840.00	6,292.30	6,198.05	250.92	3.14	-80.58	-960.34	-10,275.81	3,130.39	2,880.80	249.59	12.542		
15,400.00	6,840.00	6,269.40	6,175.60	253.58	3.13	-80.16	-956.34	-10,277.87	3,122.26	2,870.74	251.51	12.414		
15,500.00	6,840.00	6,262.09	6,168.43	256.25	3.13	-80.03	-955.05	-10,278.55	3,117.28	2,863.88	253.40	12.302		
15,600.00	6,840.00	6,254.67	6,161.16	258.91	3.12	-79.89	-953.75	-10,279.24	3,115.49	2,860.44	255.05	12.215		
15,606.28	6,840.00	6,254.20	6,160.70	259.08	3.12	-79.88	-953.67	-10,279.29	3,115.48	2,860.34	255.14	12.211	CC, ES	
15,700.00	6,840.00	6,247.13	6,153.77	261.58	3.12	-79.75	-952.43	-10,279.95	3,116.88	2,860.45	256.43	12.155		
15,800.00	6,840.00	6,239.47	6,146.27	264.25	3.12	-79.61	-951.10	-10,280.68	3,121.46	2,863.90	257.56	12.119		
15,900.00	6,840.00	6,231.69	6,138.64	266.92	3.11	-79.47	-949.74	-10,281.42	3,129.20	2,870.77	258.43	12.109	SF	
16,000.00	6,840.00	6,223.79	6,130.90	269.59	3.11	-79.33	-948.38	-10,282.19	3,140.08	2,881.05	259.03	12.122		
16,100.00	6,840.00	6,215.76	6,123.03	272.26	3.10	-79.18	-946.99	-10,282.97	3,154.08	2,894.69	259.38	12.160		
16,200.00	6,840.00	6,210.00	6,117.38	274.94	3.10	-79.07	-946.00	-10,283.53	3,171.14	2,911.62	259.52	12.219		
16,300.00	6,840.00	6,200.46	6,108.02	277.61	3.09	-78.90	-944.37	-10,284.46	3,191.22	2,931.86	259.36	12.304		
16,400.00	6,840.00	6,193.26	6,100.96	280.28	3.09	-78.77	-943.14	-10,285.15	3,214.27	2,955.27	259.00	12.410		
16,500.00	6,840.00	6,186.22	6,094.06	282.96	3.09	-78.64	-941.94	-10,285.82	3,240.22	2,981.80	258.42	12.539		
16,600.00	6,840.00	6,179.33	6,087.30	285.64	3.08	-78.51	-940.77	-10,286.47	3,269.00	3,011.37	257.63	12.689		
16,700.00	6,840.00	6,172.59	6,080.69	288.31	3.08	-78.39	-939.63	-10,287.10	3,300.55	3,043.89	256.65	12.860		
16,800.00	6,840.00	6,166.00	6,074.22	290.99	3.08	-78.27	-938.52	-10,287.70	3,334.77	3,079.28	255.50	13.052		
16,900.00	6,840.00	6,159.54	6,067.88	293.67	3.07	-78.15	-937.44	-10,288.29	3,371.60	3,117.43	254.17	13.265		
17,000.00	6,840.00	6,153.22	6,061.67	296.35	3.07	-78.03	-936.38	-10,288.86	3,410.95	3,158.25	252.69	13.498		
17,100.00	6,840.00	6,147.00	6,055.57	299.03	3.06	-77.92	-935.34	-10,289.42	3,452.73	3,201.65	251.08	13.751		
17,200.00	6,840.00	6,147.00	6,055.57	301.71	3.06	-77.92	-935.34	-10,289.42	3,496.86	3,247.43	249.43	14.019		
17,300.00	6,840.00	6,135.77	6,044.54	304.39	3.06	-77.72	-933.47	-10,290.41	3,543.24	3,295.72	247.52	14.315		
17,400.00	6,840.00	6,130.24	6,039.11	307.08	3.06	-77.61	-932.56	-10,290.89	3,591.80	3,346.21	245.58	14.626		
17,500.00	6,840.00	6,124.77	6,033.73	309.76	3.05	-77.51	-931.66	-10,291.37	3,642.44	3,398.87	243.57	14.955		
17,600.00	6,840.00	6,119.36	6,028.42	312.44	3.05	-77.42	-930.77	-10,291.83	3,695.08	3,453.60	241.48	15.302		
17,700.00	6,840.00	6,114.02	6,023.16	315.13	3.05	-77.32	-929.90	-10,292.29	3,749.64	3,510.30	239.34	15.667		
17,800.00	6,840.00	6,108.73	6,017.96	317.81	3.04	-77.22	-929.05	-10,292.75	3,806.03	3,568.88	237.15	16.049		
17,900.00	6,840.00	6,103.50	6,012.82	320.50	3.04	-77.13	-928.20	-10,293.19	3,864.17	3,629.26	234.92	16.449		
18,000.00	6,840.00	6,098.33	6,007.74	323.19	3.04	-77.03	-927.37	-10,293.63	3,924.00	3,691.34	232.66	16.866		
18,100.00	6,840.00	6,093.21	6,002.70	325.87	3.04	-76.94	-926.55	-10,294.06	3,985.42	3,755.03	230.38	17.299		
18,200.00	6,840.00	6,084.00	5,993.64	328.56	3.03	-76.77	-925.09	-10,294.83	4,048.37	3,820.33	228.04	17.753		
18,300.00	6,840.00	6,084.00	5,993.64	331.25	3.03	-76.77	-925.09	-10,294.83	4,112.77	3,886.97	225.81	18.214		
18,400.00	6,840.00	6,077.05	5,986.80	333.94	3.03	-76.64	-923.99	-10,295.41	4,178.57	3,955.08	223.49	18.697		
18,500.00	6,840.00	6,071.05	5,980.90	336.63	3.02	-76.53	-923.05	-10,295.91	4,245.69	4,024.50	221.19	19.195		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
18,600.00	6,840.00	6,065.00	5,974.94	339.32	3.02	-76.42	-922.11	-10,296.42	4,314.07	4,095.18	218.90	19.708		
18,700.00	6,840.00	6,058.88	5,968.92	342.01	3.02	-76.31	-921.17	-10,296.94	4,383.66	4,167.04	216.62	20.236		
18,800.00	6,840.00	6,052.70	5,962.83	344.70	3.01	-76.20	-920.23	-10,297.46	4,454.39	4,240.03	214.37	20.779		
18,900.00	6,840.00	6,046.46	5,956.69	347.39	3.01	-76.09	-919.28	-10,297.99	4,526.22	4,314.09	212.13	21.337		
19,000.00	6,840.00	6,040.15	5,950.48	350.08	3.01	-75.97	-918.33	-10,298.54	4,599.08	4,389.16	209.92	21.908		
19,100.00	6,840.00	6,033.78	5,944.20	352.77	3.01	-75.86	-917.38	-10,299.09	4,672.94	4,465.20	207.74	22.494		
19,200.00	6,840.00	6,027.34	5,937.86	355.46	3.00	-75.74	-916.43	-10,299.65	4,747.74	4,542.15	205.59	23.093		
19,300.00	6,840.00	6,020.00	5,930.62	358.16	3.00	-75.61	-915.35	-10,300.29	4,823.45	4,619.99	203.46	23.707		
19,400.00	6,840.00	6,020.00	5,930.62	360.85	3.00	-75.61	-915.35	-10,300.29	4,900.02	4,698.57	201.44	24.325		
19,500.00	6,840.00	6,010.15	5,920.92	363.54	2.99	-75.43	-913.92	-10,301.15	4,977.40	4,778.05	199.35	24.968		
19,600.00	6,840.00	6,004.93	5,915.77	366.24	2.99	-75.33	-913.17	-10,301.60	5,055.57	4,858.22	197.35	25.618		
19,700.00	6,840.00	5,999.72	5,910.64	368.93	2.99	-75.24	-912.43	-10,302.06	5,134.49	4,939.11	195.38	26.280		
19,800.00	6,840.00	5,994.54	5,905.53	371.63	2.99	-75.14	-911.69	-10,302.51	5,214.13	5,020.68	193.45	26.954		
19,900.00	6,840.00	5,989.38	5,900.44	374.32	2.98	-75.05	-910.96	-10,302.95	5,294.44	5,102.89	191.55	27.640		
20,000.00	6,840.00	5,984.24	5,895.37	377.02	2.98	-74.96	-910.24	-10,303.40	5,375.41	5,185.72	189.69	28.338		
20,100.00	6,840.00	5,979.12	5,890.32	379.71	2.98	-74.86	-909.53	-10,303.84	5,457.00	5,269.13	187.87	29.047		
20,200.00	6,840.00	5,974.03	5,885.30	382.41	2.97	-74.77	-908.82	-10,304.28	5,539.19	5,353.11	186.08	29.767		
20,300.00	6,840.00	5,968.96	5,880.29	385.11	2.97	-74.68	-908.12	-10,304.71	5,621.95	5,437.61	184.33	30.499		
20,400.00	6,840.00	5,957.00	5,868.49	387.80	2.97	-74.46	-906.50	-10,305.74	5,705.26	5,522.70	182.56	31.252		
20,500.00	6,840.00	5,957.00	5,868.49	390.50	2.97	-74.46	-906.50	-10,305.74	5,789.07	5,608.15	180.93	31.997		
20,600.00	6,840.00	5,952.64	5,864.18	393.20	2.96	-74.39	-905.91	-10,306.11	5,873.39	5,694.10	179.29	32.759		
20,691.67	6,840.00	5,946.23	5,857.86	395.67	2.96	-74.27	-905.05	-10,306.66	5,951.11	5,773.31	177.80	33.471		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
11,100.00	6,840.00	16,893.86	7,051.66	141.06	171.03	162.04	2,212.25	-15,706.48	9,950.25	9,732.68	217.57	45.733		
11,200.00	6,840.00	16,893.47	7,051.65	143.59	171.02	162.12	2,211.86	-15,706.49	9,850.28	9,632.71	217.57	45.273		
11,300.00	6,840.00	16,893.08	7,051.65	146.13	171.02	162.21	2,211.47	-15,706.49	9,750.32	9,532.74	217.57	44.814		
11,400.00	6,840.00	16,892.69	7,051.64	148.68	171.01	162.30	2,211.08	-15,706.50	9,650.35	9,432.77	217.57	44.354		
11,500.00	6,840.00	16,892.29	7,051.64	151.23	171.00	162.39	2,210.68	-15,706.50	9,550.38	9,332.80	217.57	43.895		
11,600.00	6,840.00	16,891.89	7,051.63	153.79	171.00	162.48	2,210.28	-15,706.51	9,450.41	9,232.84	217.57	43.435		
11,700.00	6,840.00	16,891.48	7,051.63	156.35	170.99	162.57	2,209.87	-15,706.51	9,350.44	9,132.87	217.57	42.976		
11,800.00	6,840.00	16,891.07	7,051.62	158.92	170.98	162.66	2,209.46	-15,706.52	9,250.48	9,032.90	217.58	42.516		
11,900.00	6,840.00	16,890.65	7,051.62	161.49	170.98	162.75	2,209.04	-15,706.52	9,150.51	8,932.94	217.58	42.057		
12,000.00	6,840.00	16,890.23	7,051.61	164.07	170.97	162.85	2,208.62	-15,706.53	9,050.55	8,832.97	217.58	41.597		
12,100.00	6,840.00	16,889.81	7,051.60	166.66	170.96	162.94	2,208.20	-15,706.53	8,950.59	8,733.01	217.58	41.138		
12,200.00	6,840.00	16,889.38	7,051.60	169.25	170.95	163.04	2,207.77	-15,706.54	8,850.62	8,633.04	217.58	40.678		
12,300.00	6,840.00	16,888.94	7,051.59	171.84	170.95	163.14	2,207.33	-15,706.55	8,750.66	8,533.08	217.58	40.218		
12,400.00	6,840.00	16,888.50	7,051.59	174.44	170.94	163.24	2,206.89	-15,706.55	8,650.70	8,433.12	217.58	39.759		
12,500.00	6,840.00	16,888.06	7,051.58	177.04	170.93	163.34	2,206.45	-15,706.56	8,550.74	8,333.16	217.58	39.299		
12,600.00	6,840.00	16,887.61	7,051.57	179.64	170.92	163.44	2,206.00	-15,706.56	8,450.78	8,233.20	217.58	38.840		
12,700.00	6,840.00	16,887.15	7,051.57	182.25	170.92	163.54	2,205.55	-15,706.57	8,350.82	8,133.24	217.58	38.380		
12,800.00	6,840.00	16,886.70	7,051.56	184.86	170.91	163.65	2,205.09	-15,706.57	8,250.86	8,033.28	217.58	37.920		
12,900.00	6,840.00	16,886.23	7,051.55	187.47	170.90	163.75	2,204.62	-15,706.58	8,150.91	7,933.32	217.58	37.461		
13,000.00	6,840.00	16,885.76	7,051.55	190.09	170.89	163.86	2,204.15	-15,706.59	8,050.95	7,833.36	217.59	37.001		
13,100.00	6,840.00	16,885.29	7,051.54	192.71	170.88	163.97	2,203.68	-15,706.59	7,951.00	7,733.41	217.59	36.542		
13,200.00	6,840.00	16,884.80	7,051.54	195.34	170.87	164.08	2,203.20	-15,706.60	7,851.04	7,633.45	217.59	36.082		
13,300.00	6,840.00	16,884.32	7,051.53	197.96	170.87	164.19	2,202.71	-15,706.61	7,751.09	7,533.50	217.59	35.623		
13,400.00	6,840.00	16,883.83	7,051.52	200.59	170.86	164.30	2,202.22	-15,706.61	7,651.14	7,433.55	217.59	35.163		
13,500.00	6,840.00	16,883.33	7,051.51	203.22	170.85	164.41	2,201.72	-15,706.62	7,551.19	7,333.60	217.59	34.704		
13,600.00	6,840.00	16,882.82	7,051.51	205.85	170.84	164.53	2,201.22	-15,706.63	7,451.24	7,233.65	217.59	34.244		
13,700.00	6,840.00	16,882.31	7,051.50	208.49	170.83	164.65	2,200.71	-15,706.63	7,351.29	7,133.70	217.59	33.785		
13,800.00	6,840.00	16,881.80	7,051.49	211.13	170.82	164.76	2,200.19	-15,706.64	7,251.35	7,033.76	217.59	33.326		
13,900.00	6,840.00	16,881.27	7,051.49	213.77	170.81	164.88	2,199.67	-15,706.65	7,151.40	6,933.81	217.59	32.866		
14,000.00	6,840.00	16,880.75	7,051.48	216.41	170.80	165.01	2,199.14	-15,706.65	7,051.46	6,833.87	217.59	32.407		
14,100.00	6,840.00	16,880.21	7,051.47	219.06	170.80	165.13	2,198.60	-15,706.66	6,951.52	6,733.93	217.59	31.948		
14,200.00	6,840.00	16,879.67	7,051.46	221.70	170.79	165.25	2,198.06	-15,706.67	6,851.58	6,633.99	217.59	31.488		
14,300.00	6,840.00	16,879.12	7,051.46	224.35	170.78	165.38	2,197.51	-15,706.68	6,751.64	6,534.05	217.59	31.029		
14,400.00	6,840.00	16,878.56	7,051.45	227.00	170.77	165.51	2,196.96	-15,706.68	6,651.70	6,434.11	217.59	30.570		
14,500.00	6,840.00	16,878.00	7,051.44	229.65	170.76	165.64	2,196.40	-15,706.69	6,551.77	6,334.18	217.59	30.111		
14,600.00	6,840.00	16,877.43	7,051.43	232.30	170.75	165.77	2,195.83	-15,706.70	6,451.84	6,234.25	217.59	29.652		
14,700.00	6,840.00	16,876.86	7,051.42	234.96	170.74	165.90	2,195.25	-15,706.71	6,351.91	6,134.32	217.59	29.193		
14,800.00	6,840.00	16,876.27	7,051.42	237.61	170.73	166.04	2,194.67	-15,706.72	6,251.98	6,034.39	217.58	28.734		
14,900.00	6,840.00	16,875.68	7,051.41	240.27	170.72	166.18	2,194.07	-15,706.72	6,152.05	5,934.47	217.58	28.275		
15,000.00	6,840.00	16,875.08	7,051.40	242.93	170.71	166.32	2,193.47	-15,706.73	6,052.13	5,834.55	217.58	27.816		
15,100.00	6,840.00	16,874.47	7,051.39	245.59	170.70	166.46	2,192.87	-15,706.74	5,952.21	5,734.63	217.57	27.357		
15,200.00	6,840.00	16,873.86	7,051.38	248.25	170.69	166.60	2,192.25	-15,706.75	5,852.29	5,634.72	217.57	26.898		
15,300.00	6,840.00	16,873.23	7,051.37	250.92	170.67	166.75	2,191.63	-15,706.76	5,752.37	5,534.80	217.57	26.440		
15,400.00	6,840.00	16,872.60	7,051.36	253.58	170.66	166.90	2,191.00	-15,706.77	5,652.46	5,434.90	217.56	25.981		
15,500.00	6,840.00	16,871.96	7,051.36	256.25	170.65	167.05	2,190.36	-15,706.78	5,552.55	5,334.99	217.56	25.522		
15,600.00	6,840.00	16,871.31	7,051.35	258.91	170.64	167.20	2,189.71	-15,706.79	5,452.64	5,235.09	217.55	25.064		
15,700.00	6,840.00	16,870.66	7,051.34	261.58	170.63	167.35	2,189.05	-15,706.80	5,352.74	5,135.19	217.55	24.605		
15,800.00	6,840.00	16,869.99	7,051.33	264.25	170.62	167.51	2,188.39	-15,706.81	5,252.84	5,035.30	217.54	24.147		
15,900.00	6,840.00	16,869.31	7,051.32	266.92	170.61	167.67	2,187.71	-15,706.82	5,152.94	4,935.41	217.53	23.688		
16,000.00	6,840.00	16,868.63	7,051.31	269.59	170.59	167.83	2,187.02	-15,706.83	5,053.05	4,835.53	217.52	23.230		
16,100.00	6,840.00	16,867.93	7,051.30	272.26	170.58	167.99	2,186.33	-15,706.84	4,953.16	4,735.65	217.51	22.772		
16,200.00	6,840.00	16,867.23	7,051.29	274.94	170.57	168.16	2,185.63	-15,706.85	4,853.28	4,635.77	217.50	22.314		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
16,300.00	6,840.00	16,866.52	7,051.28	277.61	170.56	168.33	2,184.91	-15,706.86	4,753.40	4,535.91	217.49	21.856		
16,400.00	6,840.00	16,865.79	7,051.27	280.28	170.55	168.50	2,184.19	-15,706.87	4,653.52	4,436.04	217.48	21.397		
16,500.00	6,840.00	16,865.06	7,051.26	282.96	170.53	168.68	2,183.45	-15,706.88	4,553.66	4,336.19	217.47	20.940		
16,600.00	6,840.00	16,864.31	7,051.25	285.64	170.52	168.85	2,182.71	-15,706.89	4,453.79	4,236.34	217.45	20.482		
16,700.00	6,840.00	16,867.77	7,051.30	288.31	170.58	168.03	2,186.17	-15,706.83	4,353.93	4,136.57	217.36	20.031		
16,800.00	6,840.00	16,866.48	7,051.28	290.99	170.56	168.34	2,184.88	-15,706.85	4,254.08	4,036.74	217.35	19.573		
16,900.00	6,840.00	16,865.20	7,051.26	293.67	170.54	168.64	2,183.59	-15,706.87	4,154.24	3,936.90	217.33	19.115		
17,000.00	6,840.00	16,863.91	7,051.24	296.35	170.51	168.95	2,182.31	-15,706.89	4,054.40	3,837.08	217.32	18.656		
17,100.00	6,840.00	16,862.63	7,051.22	299.03	170.49	169.25	2,181.03	-15,706.91	3,954.58	3,737.27	217.31	18.198		
17,200.00	6,840.00	16,861.36	7,051.20	301.71	170.47	169.56	2,179.76	-15,706.94	3,854.76	3,637.46	217.30	17.740		
17,300.00	6,840.00	16,860.09	7,051.19	304.39	170.45	169.86	2,178.49	-15,706.96	3,754.95	3,537.67	217.28	17.282		
17,400.00	6,840.00	16,858.83	7,051.17	307.08	170.42	170.16	2,177.22	-15,706.98	3,655.15	3,437.88	217.27	16.823		
17,500.00	6,840.00	16,857.56	7,051.15	309.76	170.40	170.47	2,175.96	-15,707.00	3,555.36	3,338.11	217.25	16.365		
17,600.00	6,840.00	16,856.31	7,051.13	312.44	170.38	170.77	2,174.71	-15,707.02	3,455.59	3,238.35	217.23	15.907		
17,700.00	6,840.00	16,855.05	7,051.11	315.13	170.36	171.07	2,173.45	-15,707.04	3,355.82	3,138.61	217.21	15.450		
17,800.00	6,840.00	16,853.81	7,051.09	317.81	170.34	171.37	2,172.20	-15,707.06	3,256.07	3,038.88	217.19	14.992		
17,900.00	6,840.00	16,852.56	7,051.08	320.50	170.32	171.67	2,170.96	-15,707.08	3,156.34	2,939.17	217.17	14.534		
18,000.00	6,840.00	16,851.32	7,051.06	323.19	170.30	171.97	2,169.72	-15,707.10	3,056.62	2,839.48	217.14	14.076		
18,100.00	6,840.00	16,850.08	7,051.04	325.87	170.27	172.27	2,168.48	-15,707.12	2,956.92	2,739.81	217.12	13.619		
18,200.00	6,840.00	16,848.85	7,051.02	328.56	170.25	172.57	2,167.25	-15,707.14	2,857.25	2,640.16	217.09	13.162		
18,300.00	6,840.00	16,847.62	7,051.00	331.25	170.23	172.87	2,166.02	-15,707.16	2,757.59	2,540.53	217.06	12.704		
18,400.00	6,840.00	16,846.40	7,050.99	333.94	170.21	173.17	2,164.80	-15,707.18	2,657.96	2,440.94	217.02	12.247		
18,500.00	6,840.00	16,845.18	7,050.97	336.63	170.19	173.47	2,163.58	-15,707.20	2,558.36	2,341.37	216.99	11.790		
18,600.00	6,840.00	16,843.96	7,050.95	339.32	170.17	173.77	2,162.36	-15,707.22	2,458.79	2,241.84	216.95	11.334		
18,700.00	6,840.00	16,842.75	7,050.93	342.01	170.15	174.06	2,161.15	-15,707.24	2,359.25	2,142.35	216.90	10.877		
18,800.00	6,840.00	16,841.54	7,050.91	344.70	170.13	174.36	2,159.94	-15,707.26	2,259.76	2,042.90	216.86	10.421		
18,900.00	6,840.00	16,840.34	7,050.90	347.39	170.11	174.66	2,158.74	-15,707.28	2,160.31	1,943.51	216.81	9.964		
19,000.00	6,840.00	16,839.13	7,050.88	350.08	170.08	174.95	2,157.54	-15,707.29	2,060.92	1,844.17	216.75	9.508		
19,100.00	6,840.00	16,837.94	7,050.86	352.77	170.06	175.25	2,156.34	-15,707.31	1,961.59	1,744.90	216.69	9.053		
19,200.00	6,840.00	16,836.75	7,050.84	355.46	170.04	175.54	2,155.15	-15,707.33	1,862.32	1,645.70	216.62	8.597		
19,300.00	6,840.00	16,835.56	7,050.83	358.16	170.02	175.83	2,153.96	-15,707.35	1,763.14	1,546.59	216.55	8.142		
19,400.00	6,840.00	16,834.37	7,050.81	360.85	170.00	176.12	2,152.77	-15,707.37	1,664.06	1,447.58	216.48	7.687		
19,500.00	6,840.00	16,833.19	7,050.79	363.54	169.98	176.42	2,151.59	-15,707.39	1,565.09	1,348.69	216.40	7.232		
19,600.00	6,840.00	16,832.01	7,050.77	366.24	169.96	176.71	2,150.42	-15,707.41	1,466.26	1,249.95	216.32	6.778		
19,700.00	6,840.00	16,830.84	7,050.76	368.93	169.94	177.00	2,149.24	-15,707.43	1,367.60	1,151.37	216.23	6.325		
19,800.00	6,840.00	16,829.67	7,050.74	371.63	169.92	177.29	2,148.07	-15,707.45	1,269.15	1,053.00	216.15	5.872		
19,900.00	6,840.00	16,828.50	7,050.72	374.32	169.90	177.58	2,146.91	-15,707.46	1,170.96	954.89	216.07	5.419		
20,000.00	6,840.00	16,827.34	7,050.71	377.02	169.88	177.86	2,145.74	-15,707.48	1,073.11	857.10	216.01	4.968		
20,100.00	6,840.00	16,826.18	7,050.69	379.71	169.86	178.15	2,144.59	-15,707.50	975.69	759.72	215.97	4.518		
20,200.00	6,840.00	16,825.02	7,050.67	382.41	169.84	178.44	2,143.43	-15,707.52	878.84	662.86	215.98	4.069		
20,300.00	6,840.00	16,823.87	7,050.66	385.11	169.82	178.72	2,142.28	-15,707.54	782.79	566.71	216.08	3.623		
20,400.00	6,840.00	16,822.72	7,050.64	387.80	169.80	179.01	2,141.13	-15,707.55	687.86	471.54	216.32	3.180		
20,500.00	6,840.00	16,821.58	7,050.62	390.50	169.78	179.29	2,139.99	-15,707.57	594.60	377.84	216.76	2.743		
20,600.00	6,840.00	16,820.44	7,050.61	393.20	169.76	179.58	2,138.85	-15,707.59	503.92	286.46	217.46	2.317		
20,691.67	6,840.00	16,819.40	7,050.59	395.67	169.74	179.84	2,137.80	-15,707.61	424.49	206.28	218.21	1.945 CC, ES, SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
4,300.00	3,973.14	3,839.14	3,839.14	31.20	66.05	-40.32	2,473.84	-10,914.15	9,965.90	9,876.83	89.06	111.895		
4,400.00	4,062.67	3,928.67	3,928.67	32.10	67.61	-40.48	2,473.84	-10,914.15	9,930.46	9,839.16	91.30	108.766		
4,500.00	4,152.20	4,018.20	4,018.20	32.99	69.17	-40.64	2,473.84	-10,914.15	9,895.10	9,801.56	93.54	105.784		
4,600.00	4,241.73	4,107.73	4,107.73	33.89	70.73	-40.80	2,473.84	-10,914.15	9,859.81	9,764.02	95.78	102.938		
4,700.00	4,331.26	4,202.75	4,197.26	34.79	72.39	-40.96	2,473.84	-10,914.15	9,824.59	9,726.47	98.13	100.122		
4,800.00	4,420.78	4,286.78	4,286.78	35.69	73.86	-41.12	2,473.84	-10,914.15	9,789.45	9,689.17	100.28	97.622		
4,900.00	4,510.31	4,376.31	4,376.31	36.58	75.42	-41.29	2,473.84	-10,914.15	9,754.39	9,651.86	102.53	95.135		
5,000.00	4,599.84	4,465.84	4,465.84	37.48	76.98	-41.45	2,473.84	-10,914.15	9,719.41	9,614.62	104.79	92.753		
5,100.00	4,689.37	4,555.37	4,555.37	38.38	78.55	-41.62	2,473.84	-10,914.15	9,684.50	9,577.46	107.05	90.470		
5,200.00	4,778.90	4,644.90	4,644.90	39.28	80.11	-41.79	2,473.84	-10,914.15	9,649.68	9,540.37	109.31	88.279		
5,300.00	4,868.42	4,734.42	4,734.42	40.18	81.67	-41.96	2,473.84	-10,914.15	9,614.93	9,503.36	111.58	86.175		
5,400.00	4,957.95	4,823.95	4,823.95	41.07	83.23	-42.13	2,473.84	-10,914.15	9,580.27	9,466.42	113.84	84.153		
5,500.00	5,047.48	4,913.48	4,913.48	41.97	84.80	-42.30	2,473.84	-10,914.15	9,545.69	9,429.57	116.12	82.208		
5,600.00	5,137.01	5,003.01	5,003.01	42.87	86.36	-42.47	2,473.84	-10,914.15	9,511.19	9,392.79	118.39	80.337		
5,700.00	5,226.54	5,107.46	5,092.54	43.77	88.18	-42.64	2,473.84	-10,914.15	9,476.77	9,355.84	120.93	78.365		
5,800.00	5,316.07	5,182.07	5,182.07	44.67	89.48	-42.82	2,473.84	-10,914.15	9,442.44	9,319.49	122.95	76.797		
5,900.00	5,405.59	5,271.59	5,271.59	45.57	91.05	-42.99	2,473.84	-10,914.15	9,408.20	9,282.96	125.24	75.122		
6,000.00	5,495.12	5,361.12	5,361.12	46.47	92.61	-43.17	2,473.84	-10,914.15	9,374.04	9,246.51	127.53	73.506		
6,100.00	5,584.65	5,450.65	5,450.65	47.37	94.17	-43.35	2,473.84	-10,914.15	9,339.97	9,210.15	129.82	71.945		
6,200.00	5,674.18	5,540.18	5,540.18	48.27	95.73	-43.53	2,473.84	-10,914.15	9,305.98	9,173.87	132.12	70.438		
6,300.00	5,763.71	5,629.71	5,629.71	49.16	97.30	-43.71	2,473.84	-10,914.15	9,272.09	9,137.67	134.42	68.981		
6,400.00	5,853.23	5,719.23	5,719.23	50.06	98.86	-43.89	2,473.84	-10,914.15	9,238.29	9,101.57	136.72	67.572		
6,500.00	5,942.76	5,808.76	5,808.76	50.96	100.42	-44.07	2,473.84	-10,914.15	9,204.58	9,065.55	139.03	66.208		
6,600.00	6,032.29	5,901.71	5,898.29	51.86	102.04	-44.26	2,473.84	-10,914.15	9,170.96	9,029.56	141.39	64.861		
6,700.00	6,121.82	5,987.82	5,987.82	52.76	103.55	-44.44	2,473.84	-10,914.15	9,137.43	8,993.79	143.65	63.610		
6,800.00	6,211.35	6,077.35	6,077.35	53.66	105.11	-44.63	2,473.84	-10,914.15	9,104.00	8,958.04	145.97	62.371		
6,900.00	6,300.88	6,166.88	6,166.88	54.56	106.67	-44.82	2,473.84	-10,914.15	9,070.67	8,922.38	148.29	61.170		
7,000.00	6,390.40	6,256.40	6,256.40	55.46	108.23	-45.00	2,473.84	-10,914.15	9,037.43	8,886.82	150.61	60.005		
7,100.00	6,479.90	6,345.90	6,345.90	56.36	109.80	-43.48	2,473.84	-10,914.15	9,004.18	8,851.24	152.94	58.875		
7,200.00	6,569.42	6,431.62	6,431.62	57.41	111.29	-32.44	2,473.84	-10,914.15	8,961.26	8,806.06	155.20	57.739		
7,300.00	6,643.25	6,509.25	6,509.25	58.67	112.65	-25.60	2,473.84	-10,914.15	8,903.43	8,746.14	157.29	56.605		
7,400.00	6,710.45	6,576.45	6,576.45	60.11	113.82	-21.01	2,473.84	-10,914.15	8,832.41	8,673.30	159.11	55.511		
7,500.00	6,765.16	6,631.16	6,631.16	61.71	114.78	-17.47	2,473.84	-10,914.15	8,750.34	8,589.74	160.59	54.487		
7,600.00	6,805.74	6,671.74	6,671.74	63.40	115.48	-13.81	2,473.84	-10,914.15	8,659.67	8,497.99	161.68	53.561		
7,700.00	6,830.93	6,703.07	6,696.93	65.14	116.03	-6.46	2,473.84	-10,914.15	8,563.14	8,400.72	162.43	52.720		
7,800.00	6,839.98	6,705.98	6,705.98	66.86	116.08	77.86	2,473.84	-10,914.15	8,463.69	8,301.19	162.50	52.085		
7,900.00	6,840.00	6,706.00	6,706.00	68.58	116.08	90.00	2,473.84	-10,914.15	8,363.78	8,201.36	162.42	51.495		
8,000.00	6,840.00	6,706.00	6,706.00	70.35	116.08	90.00	2,473.84	-10,914.15	8,263.87	8,101.53	162.34	50.904		
8,100.00	6,840.00	6,706.00	6,706.00	72.18	116.08	90.00	2,473.84	-10,914.15	8,163.96	8,001.71	162.26	50.314		
8,200.00	6,840.00	6,706.00	6,706.00	74.06	116.08	90.00	2,473.84	-10,914.15	8,064.06	7,901.89	162.18	49.724		
8,300.00	6,840.00	6,706.00	6,706.00	75.98	116.08	90.00	2,473.84	-10,914.15	7,964.16	7,802.07	162.09	49.134		
8,400.00	6,840.00	6,706.00	6,706.00	77.96	116.08	90.00	2,473.84	-10,914.15	7,864.26	7,702.26	162.01	48.543		
8,500.00	6,840.00	6,706.00	6,706.00	79.97	116.08	90.00	2,473.84	-10,914.15	7,764.37	7,602.45	161.92	47.953		
8,600.00	6,840.00	6,706.00	6,706.00	82.03	116.08	90.00	2,473.84	-10,914.15	7,664.48	7,502.65	161.83	47.362		
8,700.00	6,840.00	6,706.00	6,706.00	84.12	116.08	90.00	2,473.84	-10,914.15	7,564.59	7,402.85	161.74	46.771		
8,800.00	6,840.00	6,706.00	6,706.00	86.25	116.08	90.00	2,473.84	-10,914.15	7,464.70	7,303.06	161.64	46.180		
8,900.00	6,840.00	6,706.00	6,706.00	88.41	116.08	90.00	2,473.84	-10,914.15	7,364.82	7,203.27	161.55	45.590		
9,000.00	6,840.00	6,706.00	6,706.00	90.60	116.08	90.00	2,473.84	-10,914.15	7,264.94	7,103.49	161.45	44.999		
9,100.00	6,840.00	6,706.00	6,706.00	92.82	116.08	90.00	2,473.84	-10,914.15	7,165.06	7,003.71	161.35	44.407		
9,200.00	6,840.00	6,706.00	6,706.00	95.07	116.08	90.00	2,473.84	-10,914.15	7,065.19	6,903.94	161.25	43.816		
9,300.00	6,840.00	6,706.00	6,706.00	97.34	116.08	90.00	2,473.84	-10,914.15	6,965.32	6,804.17	161.14	43.225		
9,400.00	6,840.00	6,706.00	6,706.00	99.64	116.08	90.00	2,473.84	-10,914.15	6,865.45	6,704.42	161.03	42.634		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
9,500.00	6,840.00	6,706.00	6,706.00	101.95	116.08	90.00	2,473.84	-10,914.15	6,765.59	6,604.66	160.92	42.042		
9,600.00	6,840.00	6,706.00	6,706.00	104.29	116.08	90.00	2,473.84	-10,914.15	6,665.73	6,504.92	160.81	41.451		
9,700.00	6,840.00	6,706.00	6,706.00	106.64	116.08	90.00	2,473.84	-10,914.15	6,565.87	6,405.18	160.70	40.859		
9,800.00	6,840.00	6,706.00	6,706.00	109.02	116.08	90.00	2,473.84	-10,914.15	6,466.03	6,305.45	160.58	40.267		
9,900.00	6,840.00	6,706.00	6,706.00	111.41	116.08	90.00	2,473.84	-10,914.15	6,366.18	6,205.73	160.46	39.676		
10,000.00	6,840.00	6,706.00	6,706.00	113.81	116.08	90.00	2,473.84	-10,914.15	6,266.34	6,106.01	160.33	39.084		
10,100.00	6,840.00	6,706.00	6,706.00	116.23	116.08	90.00	2,473.84	-10,914.15	6,166.51	6,006.30	160.20	38.492		
10,200.00	6,840.00	6,706.00	6,706.00	118.67	116.08	90.00	2,473.84	-10,914.15	6,066.68	5,906.61	160.07	37.900		
10,300.00	6,840.00	6,706.00	6,706.00	121.11	116.08	90.00	2,473.84	-10,914.15	5,966.86	5,806.92	159.94	37.308		
10,400.00	6,840.00	6,706.00	6,706.00	123.57	116.08	90.00	2,473.84	-10,914.15	5,867.04	5,707.24	159.80	36.715		
10,500.00	6,840.00	6,706.00	6,706.00	126.04	116.08	90.00	2,473.84	-10,914.15	5,767.23	5,607.57	159.66	36.123		
10,600.00	6,840.00	6,706.00	6,706.00	128.52	116.08	90.00	2,473.84	-10,914.15	5,667.42	5,507.91	159.51	35.530		
10,700.00	6,840.00	6,706.00	6,706.00	131.01	116.08	90.00	2,473.84	-10,914.15	5,567.63	5,408.27	159.36	34.937		
10,800.00	6,840.00	6,706.00	6,706.00	133.51	116.08	90.00	2,473.84	-10,914.15	5,467.84	5,308.63	159.21	34.345		
10,900.00	6,840.00	6,706.00	6,706.00	136.02	116.08	90.00	2,473.84	-10,914.15	5,368.05	5,209.01	159.05	33.752		
11,000.00	6,840.00	6,706.00	6,706.00	138.53	116.08	90.00	2,473.84	-10,914.15	5,268.28	5,109.40	158.88	33.158		
11,100.00	6,840.00	6,706.00	6,706.00	141.06	116.08	90.00	2,473.84	-10,914.15	5,168.52	5,009.80	158.71	32.565		
11,200.00	6,840.00	6,706.00	6,706.00	143.59	116.08	90.00	2,473.84	-10,914.15	5,068.76	4,910.22	158.54	31.971		
11,300.00	6,840.00	6,706.00	6,706.00	146.13	116.08	90.00	2,473.84	-10,914.15	4,969.02	4,810.65	158.36	31.377		
11,400.00	6,840.00	6,706.00	6,706.00	148.68	116.08	90.00	2,473.84	-10,914.15	4,869.28	4,711.10	158.18	30.783		
11,500.00	6,840.00	6,706.00	6,706.00	151.23	116.08	90.00	2,473.84	-10,914.15	4,769.56	4,611.56	157.99	30.189		
11,600.00	6,840.00	6,706.00	6,706.00	153.79	116.08	90.00	2,473.84	-10,914.15	4,669.84	4,512.05	157.80	29.594		
11,700.00	6,840.00	6,706.00	6,706.00	156.35	116.08	90.00	2,473.84	-10,914.15	4,570.14	4,412.54	157.60	28.999		
11,800.00	6,840.00	6,706.00	6,706.00	158.92	116.08	90.00	2,473.84	-10,914.15	4,470.46	4,313.06	157.39	28.403		
11,900.00	6,840.00	6,706.00	6,706.00	161.49	116.08	90.00	2,473.84	-10,914.15	4,370.78	4,213.60	157.18	27.807		
12,000.00	6,840.00	6,706.00	6,706.00	164.07	116.08	90.00	2,473.84	-10,914.15	4,271.13	4,114.16	156.97	27.210		
12,100.00	6,840.00	6,706.00	6,706.00	166.66	116.08	90.00	2,473.84	-10,914.15	4,171.49	4,014.74	156.75	26.613		
12,200.00	6,840.00	6,706.00	6,706.00	169.25	116.08	90.00	2,473.84	-10,914.15	4,071.86	3,915.35	156.52	26.015		
12,300.00	6,840.00	6,706.00	6,706.00	171.84	116.08	90.00	2,473.84	-10,914.15	3,972.26	3,815.98	156.29	25.417		
12,400.00	6,840.00	6,706.00	6,706.00	174.44	116.08	90.00	2,473.84	-10,914.15	3,872.68	3,716.63	156.05	24.817		
12,500.00	6,840.00	6,706.00	6,706.00	177.04	116.08	90.00	2,473.84	-10,914.15	3,773.12	3,617.31	155.81	24.217		
12,600.00	6,840.00	6,706.00	6,706.00	179.64	116.08	90.00	2,473.84	-10,914.15	3,673.58	3,518.02	155.56	23.615		
12,700.00	6,840.00	6,706.00	6,706.00	182.25	116.08	90.00	2,473.84	-10,914.15	3,574.07	3,418.76	155.31	23.013		
12,800.00	6,840.00	6,706.00	6,706.00	184.86	116.08	90.00	2,473.84	-10,914.15	3,474.58	3,319.53	155.06	22.408		
12,900.00	6,840.00	6,706.00	6,706.00	187.47	116.08	90.00	2,473.84	-10,914.15	3,375.13	3,220.33	154.80	21.803		
13,000.00	6,840.00	6,706.00	6,706.00	190.09	116.08	90.00	2,473.84	-10,914.15	3,275.71	3,121.16	154.55	21.195		
13,100.00	6,840.00	6,706.00	6,706.00	192.71	116.08	90.00	2,473.84	-10,914.15	3,176.33	3,022.03	154.30	20.585		
13,200.00	6,840.00	6,706.00	6,706.00	195.34	116.08	90.00	2,473.84	-10,914.15	3,076.98	2,922.93	154.05	19.973		
13,300.00	6,840.00	6,706.00	6,706.00	197.96	116.08	90.00	2,473.84	-10,914.15	2,977.68	2,823.87	153.82	19.358		
13,400.00	6,840.00	6,706.00	6,706.00	200.59	116.08	90.00	2,473.84	-10,914.15	2,878.43	2,724.84	153.60	18.740		
13,500.00	6,840.00	6,706.00	6,706.00	203.22	116.08	90.00	2,473.84	-10,914.15	2,779.24	2,625.85	153.39	18.119		
13,600.00	6,840.00	6,706.00	6,706.00	205.85	116.08	90.00	2,473.84	-10,914.15	2,680.10	2,526.89	153.21	17.493		
13,700.00	6,840.00	6,706.00	6,706.00	208.49	116.08	90.00	2,473.84	-10,914.15	2,581.03	2,427.96	153.07	16.862		
13,800.00	6,840.00	6,706.00	6,706.00	211.13	116.08	90.00	2,473.84	-10,914.15	2,482.03	2,329.06	152.97	16.226		
13,900.00	6,840.00	6,706.00	6,706.00	213.77	116.08	90.00	2,473.84	-10,914.15	2,383.12	2,230.19	152.93	15.583		
14,000.00	6,840.00	6,706.00	6,706.00	216.41	116.08	90.00	2,473.84	-10,914.15	2,284.30	2,131.33	152.97	14.933		
14,100.00	6,840.00	6,706.00	6,706.00	219.06	116.08	90.00	2,473.84	-10,914.15	2,185.59	2,032.48	153.11	14.275		
14,200.00	6,840.00	6,706.00	6,706.00	221.70	116.08	90.00	2,473.84	-10,914.15	2,087.00	1,933.63	153.37	13.607		
14,300.00	6,840.00	6,706.00	6,706.00	224.35	116.08	90.00	2,473.84	-10,914.15	1,988.56	1,834.76	153.80	12.929		
14,400.00	6,840.00	6,706.00	6,706.00	227.00	116.08	90.00	2,473.84	-10,914.15	1,890.27	1,735.84	154.43	12.240		
14,500.00	6,840.00	6,706.00	6,706.00	229.65	116.08	90.00	2,473.84	-10,914.15	1,792.18	1,636.86	155.32	11.539		
14,600.00	6,840.00	6,706.00	6,706.00	232.30	116.08	90.00	2,473.84	-10,914.15	1,694.31	1,537.78	156.53	10.824		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
14,700.00	6,840.00	6,706.00	6,706.00	234.96	116.08	90.00	2,473.84	-10,914.15	1,596.70	1,438.57	158.13	10.097		
14,800.00	6,840.00	6,706.00	6,706.00	237.61	116.08	90.00	2,473.84	-10,914.15	1,499.41	1,339.18	160.23	9.358		
14,900.00	6,840.00	6,706.00	6,706.00	240.27	116.08	90.00	2,473.84	-10,914.15	1,402.50	1,239.57	162.93	8.608		
15,000.00	6,840.00	6,706.00	6,706.00	242.93	116.08	90.00	2,473.84	-10,914.15	1,306.05	1,139.69	166.37	7.850		
15,100.00	6,840.00	6,706.00	6,706.00	245.59	116.08	90.00	2,473.84	-10,914.15	1,210.19	1,039.47	170.72	7.089		
15,200.00	6,840.00	6,706.00	6,706.00	248.25	116.08	90.00	2,473.84	-10,914.15	1,115.05	938.85	176.19	6.329		
15,300.00	6,840.00	6,706.00	6,706.00	250.92	116.08	90.00	2,473.84	-10,914.15	1,020.83	837.77	183.07	5.576		
15,400.00	6,840.00	6,706.00	6,706.00	253.58	116.08	90.00	2,473.84	-10,914.15	927.83	736.14	191.70	4.840		
15,500.00	6,840.00	6,706.00	6,706.00	256.25	116.08	90.00	2,473.84	-10,914.15	836.45	633.90	202.55	4.130		
15,600.00	6,840.00	6,706.00	6,706.00	258.91	116.08	90.00	2,473.84	-10,914.15	747.28	531.02	216.26	3.455		
15,700.00	6,840.00	6,706.00	6,706.00	261.58	116.08	90.00	2,473.84	-10,914.15	661.21	427.59	233.62	2.830		
15,800.00	6,840.00	6,706.00	6,706.00	264.25	116.08	90.00	2,473.84	-10,914.15	579.64	324.03	255.60	2.268		
15,900.00	6,840.00	6,706.00	6,706.00	266.92	116.08	90.00	2,473.84	-10,914.15	504.73	221.66	283.07	1.783		
16,000.00	6,840.00	6,706.00	6,706.00	269.59	116.08	90.00	2,473.84	-10,914.15	439.92	123.95	315.97	1.392	Level 3	
16,100.00	6,840.00	6,706.00	6,706.00	272.26	116.08	90.00	2,473.84	-10,914.15	390.26	38.97	351.29	1.111	Level 2	
16,200.00	6,840.00	6,706.00	6,706.00	274.94	116.08	90.00	2,473.84	-10,914.15	362.04	-18.73	380.78	0.951	Level 1	
16,256.13	6,840.00	6,706.00	6,706.00	276.44	116.08	90.00	2,473.84	-10,914.15	357.67	-32.89	390.56	0.916	Level 1, CC	
16,300.00	6,840.00	6,706.00	6,706.00	277.61	116.08	90.00	2,473.84	-10,914.15	360.35	-33.34	393.69	0.915	Level 1, ES, SF	
16,400.00	6,840.00	6,706.00	6,706.00	280.28	116.08	90.00	2,473.84	-10,914.15	385.52	-1.33	386.85	0.997	Level 1	
16,500.00	6,840.00	6,706.00	6,706.00	282.96	116.08	90.00	2,473.84	-10,914.15	432.90	65.34	367.56	1.178	Level 2	
16,600.00	6,840.00	6,706.00	6,706.00	285.64	116.08	90.00	2,473.84	-10,914.15	496.16	151.41	344.75	1.439	Level 3	
16,700.00	6,840.00	6,706.00	6,706.00	288.31	116.08	90.00	2,473.84	-10,914.15	570.04	246.69	323.35	1.763		
16,800.00	6,840.00	6,706.00	6,706.00	290.99	116.08	90.00	2,473.84	-10,914.15	650.94	345.99	304.95	2.135		
16,900.00	6,840.00	6,706.00	6,706.00	293.67	116.08	90.00	2,473.84	-10,914.15	736.55	446.93	289.62	2.543		
17,000.00	6,840.00	6,706.00	6,706.00	296.35	116.08	90.00	2,473.84	-10,914.15	825.39	548.46	276.93	2.980		
17,100.00	6,840.00	6,706.00	6,706.00	299.03	116.08	90.00	2,473.84	-10,914.15	916.54	650.13	266.41	3.440		
17,200.00	6,840.00	6,706.00	6,706.00	301.71	116.08	90.00	2,473.84	-10,914.15	1,009.37	751.75	257.62	3.918		
17,300.00	6,840.00	6,706.00	6,706.00	304.39	116.08	90.00	2,473.84	-10,914.15	1,103.45	853.24	250.21	4.410		
17,400.00	6,840.00	6,706.00	6,706.00	307.08	116.08	90.00	2,473.84	-10,914.15	1,198.49	954.58	243.91	4.914		
17,500.00	6,840.00	6,706.00	6,706.00	309.76	116.08	90.00	2,473.84	-10,914.15	1,294.28	1,055.78	238.50	5.427		
17,600.00	6,840.00	6,706.00	6,706.00	312.44	116.08	90.00	2,473.84	-10,914.15	1,390.66	1,156.84	233.81	5.948		
17,700.00	6,840.00	6,706.00	6,706.00	315.13	116.08	90.00	2,473.84	-10,914.15	1,487.51	1,257.79	229.73	6.475		
17,800.00	6,840.00	6,706.00	6,706.00	317.81	116.08	90.00	2,473.84	-10,914.15	1,584.76	1,358.62	226.14	7.008		
17,900.00	6,840.00	6,706.00	6,706.00	320.50	116.08	90.00	2,473.84	-10,914.15	1,682.33	1,459.36	222.97	7.545		
18,000.00	6,840.00	6,706.00	6,706.00	323.19	116.08	90.00	2,473.84	-10,914.15	1,780.18	1,560.02	220.15	8.086		
18,100.00	6,840.00	6,706.00	6,706.00	325.87	116.08	90.00	2,473.84	-10,914.15	1,878.24	1,660.61	217.63	8.630		
18,200.00	6,840.00	6,706.00	6,706.00	328.56	116.08	90.00	2,473.84	-10,914.15	1,976.51	1,761.14	215.37	9.177		
18,300.00	6,840.00	6,706.00	6,706.00	331.25	116.08	90.00	2,473.84	-10,914.15	2,074.93	1,861.61	213.33	9.727		
18,400.00	6,840.00	6,706.00	6,706.00	333.94	116.08	90.00	2,473.84	-10,914.15	2,173.50	1,962.03	211.48	10.278		
18,500.00	6,840.00	6,706.00	6,706.00	336.63	116.08	90.00	2,473.84	-10,914.15	2,272.20	2,062.41	209.79	10.831		
18,600.00	6,840.00	6,706.00	6,706.00	339.32	116.08	90.00	2,473.84	-10,914.15	2,371.01	2,162.75	208.26	11.385		
18,700.00	6,840.00	6,706.00	6,706.00	342.01	116.08	90.00	2,473.84	-10,914.15	2,469.91	2,263.06	206.85	11.941		
18,800.00	6,840.00	6,706.00	6,706.00	344.70	116.08	90.00	2,473.84	-10,914.15	2,568.90	2,363.34	205.56	12.497		
18,900.00	6,840.00	6,706.00	6,706.00	347.39	116.08	90.00	2,473.84	-10,914.15	2,667.96	2,463.59	204.37	13.055		
19,000.00	6,840.00	6,706.00	6,706.00	350.08	116.08	90.00	2,473.84	-10,914.15	2,767.09	2,563.82	203.27	13.613		
19,100.00	6,840.00	6,706.00	6,706.00	352.77	116.08	90.00	2,473.84	-10,914.15	2,866.28	2,664.03	202.25	14.172		
19,200.00	6,840.00	6,706.00	6,706.00	355.46	116.08	90.00	2,473.84	-10,914.15	2,965.52	2,764.21	201.31	14.731		
19,300.00	6,840.00	6,706.00	6,706.00	358.16	116.08	90.00	2,473.84	-10,914.15	3,064.82	2,864.38	200.43	15.291		
19,400.00	6,840.00	6,706.00	6,706.00	360.85	116.08	90.00	2,473.84	-10,914.15	3,164.15	2,964.54	199.61	15.851		
19,500.00	6,840.00	6,706.00	6,706.00	363.54	116.08	90.00	2,473.84	-10,914.15	3,263.53	3,064.68	198.85	16.412		
19,600.00	6,840.00	6,706.00	6,706.00	366.24	116.08	90.00	2,473.84	-10,914.15	3,362.95	3,164.81	198.14	16.972		
19,700.00	6,840.00	6,706.00	6,706.00	368.93	116.08	90.00	2,473.84	-10,914.15	3,462.40	3,264.92	197.48	17.533		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
19,800.00	6,840.00	6,706.00	6,706.00	371.63	116.08	90.00	2,473.84	-10,914.15	3,561.88	3,365.02	196.85	18.094	
19,900.00	6,840.00	6,706.00	6,706.00	374.32	116.08	90.00	2,473.84	-10,914.15	3,661.39	3,465.12	196.27	18.655	
20,000.00	6,840.00	6,706.00	6,706.00	377.02	116.08	90.00	2,473.84	-10,914.15	3,760.92	3,565.20	195.72	19.216	
20,100.00	6,840.00	6,706.00	6,706.00	379.71	116.08	90.00	2,473.84	-10,914.15	3,860.48	3,665.28	195.20	19.777	
20,200.00	6,840.00	6,706.00	6,706.00	382.41	116.08	90.00	2,473.84	-10,914.15	3,960.06	3,765.35	194.71	20.338	
20,300.00	6,840.00	6,706.00	6,706.00	385.11	116.08	90.00	2,473.84	-10,914.15	4,059.66	3,865.41	194.25	20.899	
20,400.00	6,840.00	6,706.00	6,706.00	387.80	116.08	90.00	2,473.84	-10,914.15	4,159.28	3,965.46	193.82	21.460	
20,500.00	6,840.00	6,706.00	6,706.00	390.50	116.08	90.00	2,473.84	-10,914.15	4,258.92	4,065.51	193.41	22.020	
20,600.00	6,840.00	6,706.00	6,706.00	393.20	116.08	90.00	2,473.84	-10,914.15	4,358.57	4,165.55	193.02	22.581	
20,691.67	6,840.00	6,706.00	6,706.00	395.67	116.08	90.00	2,473.84	-10,914.15	4,449.94	4,257.25	192.69	23.094	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
5,600.00	5,137.01	5,011.01	5,011.01	42.87	86.50	-60.57	-675.79	-11,220.22	9,998.53	9,874.02	124.51	80.304		
5,700.00	5,226.54	5,100.54	5,100.54	43.77	88.06	-60.78	-675.79	-11,220.22	9,974.85	9,847.92	126.92	78.590		
5,800.00	5,316.07	5,209.93	5,190.07	44.67	89.97	-60.98	-675.79	-11,220.22	9,951.31	9,821.63	129.69	76.733		
5,900.00	5,405.59	5,279.59	5,279.59	45.57	91.19	-61.19	-675.79	-11,220.22	9,927.92	9,796.16	131.76	75.348		
6,000.00	5,495.12	5,369.12	5,369.12	46.47	92.75	-61.40	-675.79	-11,220.22	9,904.68	9,770.49	134.18	73.815		
6,100.00	5,584.65	5,458.65	5,458.65	47.37	94.31	-61.61	-675.79	-11,220.22	9,881.58	9,744.97	136.61	72.335		
6,200.00	5,674.18	5,548.18	5,548.18	48.27	95.87	-61.82	-675.79	-11,220.22	9,858.62	9,719.59	139.04	70.907		
6,300.00	5,763.71	5,637.71	5,637.71	49.16	97.44	-62.03	-675.79	-11,220.22	9,835.82	9,694.35	141.47	69.527		
6,400.00	5,853.23	5,727.23	5,727.23	50.06	99.00	-62.24	-675.79	-11,220.22	9,813.16	9,669.26	143.90	68.194		
6,500.00	5,942.76	5,816.76	5,816.76	50.96	100.56	-62.45	-675.79	-11,220.22	9,790.66	9,644.32	146.34	66.904		
6,600.00	6,032.29	5,906.29	5,906.29	51.86	102.12	-62.66	-675.79	-11,220.22	9,768.30	9,619.53	148.78	65.657		
6,700.00	6,121.82	6,004.18	5,995.82	52.76	103.83	-62.88	-675.79	-11,220.22	9,746.10	9,594.74	151.36	64.388		
6,800.00	6,211.35	6,085.35	6,085.35	53.66	105.25	-63.09	-675.79	-11,220.22	9,724.06	9,570.39	153.66	63.282		
6,900.00	6,300.88	6,174.88	6,174.88	54.56	106.81	-63.31	-675.79	-11,220.22	9,702.16	9,546.05	156.11	62.149		
7,000.00	6,390.40	6,264.40	6,264.40	55.46	108.37	-63.52	-675.79	-11,220.22	9,680.42	9,521.86	158.56	61.052		
7,100.00	6,479.90	6,353.90	6,353.90	56.36	109.94	-62.12	-675.79	-11,220.22	9,658.73	9,497.72	161.01	59.987		
7,200.00	6,565.62	6,439.62	6,439.62	57.41	111.43	-52.30	-675.79	-11,220.22	9,627.37	9,463.91	163.47	58.895		
7,300.00	6,643.25	6,517.25	6,517.25	58.67	112.79	-47.53	-675.79	-11,220.22	9,580.85	9,414.99	165.86	57.765		
7,400.00	6,710.45	6,584.45	6,584.45	60.11	113.96	-46.27	-675.79	-11,220.22	9,520.58	9,352.48	168.10	56.635		
7,500.00	6,765.16	6,639.16	6,639.16	61.71	114.92	-48.13	-675.79	-11,220.22	9,448.41	9,278.28	170.12	55.538		
7,600.00	6,805.74	6,679.74	6,679.74	63.40	115.62	-53.88	-675.79	-11,220.22	9,366.50	9,194.65	171.85	54.504		
7,700.00	6,830.93	6,704.93	6,704.93	65.14	116.06	-65.89	-675.79	-11,220.22	9,277.32	9,104.11	173.21	53.561		
7,800.00	6,839.98	6,713.98	6,713.98	66.86	116.22	-88.50	-675.79	-11,220.22	9,183.53	9,009.36	174.17	52.729		
7,900.00	6,840.00	6,714.00	6,714.00	68.58	116.22	-90.00	-675.79	-11,220.22	9,088.32	8,913.43	174.89	51.966		
8,000.00	6,840.00	6,714.00	6,714.00	70.35	116.22	-90.00	-675.79	-11,220.22	8,993.21	8,817.58	175.63	51.204		
8,100.00	6,840.00	6,714.00	6,714.00	72.18	116.22	-90.00	-675.79	-11,220.22	8,898.21	8,721.81	176.40	50.444		
8,200.00	6,840.00	6,714.00	6,714.00	74.06	116.22	-90.00	-675.79	-11,220.22	8,803.32	8,626.13	177.19	49.684		
8,300.00	6,840.00	6,714.00	6,714.00	75.98	116.22	-90.00	-675.79	-11,220.22	8,708.55	8,530.55	178.00	48.925		
8,400.00	6,840.00	6,714.00	6,714.00	77.96	116.22	-90.00	-675.79	-11,220.22	8,613.89	8,435.06	178.83	48.168		
8,500.00	6,840.00	6,714.00	6,714.00	79.97	116.22	-90.00	-675.79	-11,220.22	8,519.36	8,339.66	179.69	47.411		
8,600.00	6,840.00	6,714.00	6,714.00	82.03	116.22	-90.00	-675.79	-11,220.22	8,424.95	8,244.37	180.57	46.657		
8,700.00	6,840.00	6,714.00	6,714.00	84.12	116.22	-90.00	-675.79	-11,220.22	8,330.67	8,149.19	181.48	45.903		
8,800.00	6,840.00	6,714.00	6,714.00	86.25	116.22	-90.00	-675.79	-11,220.22	8,236.53	8,054.11	182.42	45.152		
8,900.00	6,840.00	6,714.00	6,714.00	88.41	116.22	-90.00	-675.79	-11,220.22	8,142.52	7,959.14	183.38	44.402		
9,000.00	6,840.00	6,714.00	6,714.00	90.60	116.22	-90.00	-675.79	-11,220.22	8,048.66	7,864.29	184.37	43.655		
9,100.00	6,840.00	6,714.00	6,714.00	92.82	116.22	-90.00	-675.79	-11,220.22	7,954.96	7,769.57	185.39	42.909		
9,200.00	6,840.00	6,714.00	6,714.00	95.07	116.22	-90.00	-675.79	-11,220.22	7,861.40	7,674.96	186.44	42.166		
9,300.00	6,840.00	6,714.00	6,714.00	97.34	116.22	-90.00	-675.79	-11,220.22	7,768.01	7,580.49	187.52	41.426		
9,400.00	6,840.00	6,714.00	6,714.00	99.64	116.22	-90.00	-675.79	-11,220.22	7,674.78	7,486.15	188.63	40.688		
9,500.00	6,840.00	6,714.00	6,714.00	101.95	116.22	-90.00	-675.79	-11,220.22	7,581.73	7,391.96	189.77	39.952		
9,600.00	6,840.00	6,714.00	6,714.00	104.29	116.22	-90.00	-675.79	-11,220.22	7,488.85	7,297.91	190.95	39.220		
9,700.00	6,840.00	6,714.00	6,714.00	106.64	116.22	-90.00	-675.79	-11,220.22	7,396.16	7,204.01	192.16	38.490		
9,800.00	6,840.00	6,714.00	6,714.00	109.02	116.22	-90.00	-675.79	-11,220.22	7,303.67	7,110.26	193.40	37.764		
9,900.00	6,840.00	6,714.00	6,714.00	111.41	116.22	-90.00	-675.79	-11,220.22	7,211.37	7,016.69	194.68	37.042		
10,000.00	6,840.00	6,714.00	6,714.00	113.81	116.22	-90.00	-675.79	-11,220.22	7,119.28	6,923.28	196.00	36.322		
10,100.00	6,840.00	6,714.00	6,714.00	116.23	116.22	-90.00	-675.79	-11,220.22	7,027.41	6,830.05	197.36	35.607		
10,200.00	6,840.00	6,714.00	6,714.00	118.67	116.22	-90.00	-675.79	-11,220.22	6,935.76	6,737.00	198.76	34.896		
10,300.00	6,840.00	6,714.00	6,714.00	121.11	116.22	-90.00	-675.79	-11,220.22	6,844.35	6,644.15	200.20	34.188		
10,400.00	6,840.00	6,714.00	6,714.00	123.57	116.22	-90.00	-675.79	-11,220.22	6,753.18	6,551.50	201.68	33.485		
10,500.00	6,840.00	6,714.00	6,714.00	126.04	116.22	-90.00	-675.79	-11,220.22	6,662.26	6,459.06	203.20	32.786		
10,600.00	6,840.00	6,714.00	6,714.00	128.52	116.22	-90.00	-675.79	-11,220.22	6,571.61	6,366.83	204.78	32.092		
10,700.00	6,840.00	6,714.00	6,714.00	131.01	116.22	-90.00	-675.79	-11,220.22	6,481.23	6,274.84	206.39	31.402		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,800.00	6,840.00	6,714.00	6,714.00	133.51	116.22	-90.00	-675.79	-11,220.22	6,391.14	6,183.08	208.06	30.718		
10,900.00	6,840.00	6,714.00	6,714.00	136.02	116.22	-90.00	-675.79	-11,220.22	6,301.35	6,091.57	209.78	30.039		
11,000.00	6,840.00	6,714.00	6,714.00	138.53	116.22	-90.00	-675.79	-11,220.22	6,211.87	6,000.33	211.54	29.365		
11,100.00	6,840.00	6,714.00	6,714.00	141.06	116.22	-90.00	-675.79	-11,220.22	6,122.72	5,909.35	213.36	28.696		
11,200.00	6,840.00	6,714.00	6,714.00	143.59	116.22	-90.00	-675.79	-11,220.22	6,033.90	5,818.66	215.24	28.033		
11,300.00	6,840.00	6,714.00	6,714.00	146.13	116.22	-90.00	-675.79	-11,220.22	5,945.44	5,728.27	217.17	27.377		
11,400.00	6,840.00	6,714.00	6,714.00	148.68	116.22	-90.00	-675.79	-11,220.22	5,857.35	5,638.19	219.16	26.726		
11,500.00	6,840.00	6,714.00	6,714.00	151.23	116.22	-90.00	-675.79	-11,220.22	5,769.65	5,548.44	221.21	26.082		
11,600.00	6,840.00	6,714.00	6,714.00	153.79	116.22	-90.00	-675.79	-11,220.22	5,682.36	5,459.03	223.33	25.444		
11,700.00	6,840.00	6,714.00	6,714.00	156.35	116.22	-90.00	-675.79	-11,220.22	5,595.49	5,369.99	225.51	24.813		
11,800.00	6,840.00	6,714.00	6,714.00	158.92	116.22	-90.00	-675.79	-11,220.22	5,509.07	5,281.32	227.75	24.189		
11,900.00	6,840.00	6,714.00	6,714.00	161.49	116.22	-90.00	-675.79	-11,220.22	5,423.12	5,193.05	230.07	23.572		
12,000.00	6,840.00	6,714.00	6,714.00	164.07	116.22	-90.00	-675.79	-11,220.22	5,337.65	5,105.20	232.45	22.963		
12,100.00	6,840.00	6,714.00	6,714.00	166.66	116.22	-90.00	-675.79	-11,220.22	5,252.70	5,017.79	234.91	22.361		
12,200.00	6,840.00	6,714.00	6,714.00	169.25	116.22	-90.00	-675.79	-11,220.22	5,168.28	4,930.84	237.44	21.767		
12,300.00	6,840.00	6,714.00	6,714.00	171.84	116.22	-90.00	-675.79	-11,220.22	5,084.43	4,844.38	240.05	21.181		
12,400.00	6,840.00	6,714.00	6,714.00	174.44	116.22	-90.00	-675.79	-11,220.22	5,001.18	4,758.44	242.74	20.603		
12,500.00	6,840.00	6,714.00	6,714.00	177.04	116.22	-90.00	-675.79	-11,220.22	4,918.54	4,673.04	245.51	20.034		
12,600.00	6,840.00	6,714.00	6,714.00	179.64	116.22	-90.00	-675.79	-11,220.22	4,836.57	4,588.21	248.36	19.474		
12,700.00	6,840.00	6,714.00	6,714.00	182.25	116.22	-90.00	-675.79	-11,220.22	4,755.28	4,503.98	251.30	18.923		
12,800.00	6,840.00	6,714.00	6,714.00	184.86	116.22	-90.00	-675.79	-11,220.22	4,674.72	4,420.39	254.33	18.381		
12,900.00	6,840.00	6,714.00	6,714.00	187.47	116.22	-90.00	-675.79	-11,220.22	4,594.93	4,337.48	257.45	17.848		
13,000.00	6,840.00	6,714.00	6,714.00	190.09	116.22	-90.00	-675.79	-11,220.22	4,515.93	4,255.28	260.66	17.325		
13,100.00	6,840.00	6,714.00	6,714.00	192.71	116.22	-90.00	-675.79	-11,220.22	4,437.79	4,173.83	263.96	16.812		
13,200.00	6,840.00	6,714.00	6,714.00	195.34	116.22	-90.00	-675.79	-11,220.22	4,360.54	4,093.18	267.36	16.310		
13,300.00	6,840.00	6,714.00	6,714.00	197.96	116.22	-90.00	-675.79	-11,220.22	4,284.23	4,013.38	270.85	15.818		
13,400.00	6,840.00	6,714.00	6,714.00	200.59	116.22	-90.00	-675.79	-11,220.22	4,208.91	3,934.47	274.44	15.337		
13,500.00	6,840.00	6,714.00	6,714.00	203.22	116.22	-90.00	-675.79	-11,220.22	4,134.64	3,856.52	278.12	14.866		
13,600.00	6,840.00	6,714.00	6,714.00	205.85	116.22	-90.00	-675.79	-11,220.22	4,061.47	3,779.57	281.91	14.407		
13,700.00	6,840.00	6,714.00	6,714.00	208.49	116.22	-90.00	-675.79	-11,220.22	3,989.47	3,703.68	285.79	13.960		
13,800.00	6,840.00	6,714.00	6,714.00	211.13	116.22	-90.00	-675.79	-11,220.22	3,918.70	3,628.94	289.76	13.524		
13,900.00	6,840.00	6,714.00	6,714.00	213.77	116.22	-90.00	-675.79	-11,220.22	3,849.22	3,555.39	293.83	13.100		
14,000.00	6,840.00	6,714.00	6,714.00	216.41	116.22	-90.00	-675.79	-11,220.22	3,781.11	3,483.12	297.99	12.689		
14,100.00	6,840.00	6,714.00	6,714.00	219.06	116.22	-90.00	-675.79	-11,220.22	3,714.45	3,412.21	302.24	12.290		
14,200.00	6,840.00	6,714.00	6,714.00	221.70	116.22	-90.00	-675.79	-11,220.22	3,649.31	3,342.74	306.57	11.903		
14,300.00	6,840.00	6,714.00	6,714.00	224.35	116.22	-90.00	-675.79	-11,220.22	3,585.77	3,274.79	310.99	11.530		
14,400.00	6,840.00	6,714.00	6,714.00	227.00	116.22	-90.00	-675.79	-11,220.22	3,523.93	3,208.47	315.47	11.171		
14,500.00	6,840.00	6,714.00	6,714.00	229.65	116.22	-90.00	-675.79	-11,220.22	3,463.87	3,143.86	320.01	10.824		
14,600.00	6,840.00	6,714.00	6,714.00	232.30	116.22	-90.00	-675.79	-11,220.22	3,405.69	3,081.08	324.61	10.492		
14,700.00	6,840.00	6,714.00	6,714.00	234.96	116.22	-90.00	-675.79	-11,220.22	3,349.48	3,020.24	329.25	10.173		
14,800.00	6,840.00	6,714.00	6,714.00	237.61	116.22	-90.00	-675.79	-11,220.22	3,295.35	2,961.44	333.92	9.869		
14,900.00	6,840.00	6,714.00	6,714.00	240.27	116.22	-90.00	-675.79	-11,220.22	3,243.41	2,904.81	338.60	9.579		
15,000.00	6,840.00	6,714.00	6,714.00	242.93	116.22	-90.00	-675.79	-11,220.22	3,193.74	2,850.46	343.28	9.304		
15,100.00	6,840.00	6,714.00	6,714.00	245.59	116.22	-90.00	-675.79	-11,220.22	3,146.48	2,798.54	347.94	9.043		
15,200.00	6,840.00	6,714.00	6,714.00	248.25	116.22	-90.00	-675.79	-11,220.22	3,101.71	2,749.16	352.56	8.798		
15,300.00	6,840.00	6,714.00	6,714.00	250.92	116.22	-90.00	-675.79	-11,220.22	3,059.57	2,702.45	357.11	8.567		
15,400.00	6,840.00	6,714.00	6,714.00	253.58	116.22	-90.00	-675.79	-11,220.22	3,020.14	2,658.56	361.58	8.353		
15,500.00	6,840.00	6,714.00	6,714.00	256.25	116.22	-90.00	-675.79	-11,220.22	2,983.55	2,617.61	365.94	8.153		
15,600.00	6,840.00	6,714.00	6,714.00	258.91	116.22	-90.00	-675.79	-11,220.22	2,949.90	2,579.73	370.17	7.969		
15,700.00	6,840.00	6,714.00	6,714.00	261.58	116.22	-90.00	-675.79	-11,220.22	2,919.28	2,545.06	374.23	7.801		
15,800.00	6,840.00	6,714.00	6,714.00	264.25	116.22	-90.00	-675.79	-11,220.22	2,891.80	2,513.71	378.09	7.648		
15,900.00	6,840.00	6,714.00	6,714.00	266.92	116.22	-90.00	-675.79	-11,220.22	2,867.55	2,485.80	381.75	7.512		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
16,000.00	6,840.00	6,714.00	6,714.00	269.59	116.22	-90.00	-675.79	-11,220.22	2,846.61	2,461.45	385.16	7.391		
16,100.00	6,840.00	6,714.00	6,714.00	272.26	116.22	-90.00	-675.79	-11,220.22	2,829.04	2,440.74	388.30	7.286		
16,200.00	6,840.00	6,714.00	6,714.00	274.94	116.22	-90.00	-675.79	-11,220.22	2,814.92	2,423.77	391.16	7.196		
16,300.00	6,840.00	6,714.00	6,714.00	277.61	116.22	-90.00	-675.79	-11,220.22	2,804.30	2,410.60	393.70	7.123		
16,400.00	6,840.00	6,714.00	6,714.00	280.28	116.22	-90.00	-675.79	-11,220.22	2,797.22	2,401.30	395.92	7.065		
16,500.00	6,840.00	6,714.00	6,714.00	282.96	116.22	-90.00	-675.79	-11,220.22	2,793.70	2,395.90	397.80	7.023		
16,548.42	6,840.00	6,714.00	6,714.00	284.26	116.22	-90.00	-675.79	-11,220.22	2,793.28	2,394.70	398.58	7.008	CC	
16,600.00	6,840.00	6,714.00	6,714.00	285.64	116.22	-90.00	-675.79	-11,220.22	2,793.75	2,394.43	399.32	6.996	ES	
16,700.00	6,840.00	6,714.00	6,714.00	288.31	116.22	-90.00	-675.79	-11,220.22	2,797.39	2,396.89	400.49	6.985	SF	
16,800.00	6,840.00	6,714.00	6,714.00	290.99	116.22	-90.00	-675.79	-11,220.22	2,804.59	2,403.28	401.31	6.989		
16,900.00	6,840.00	6,714.00	6,714.00	293.67	116.22	-90.00	-675.79	-11,220.22	2,815.32	2,413.55	401.76	7.007		
17,000.00	6,840.00	6,714.00	6,714.00	296.35	116.22	-90.00	-675.79	-11,220.22	2,829.55	2,427.67	401.87	7.041		
17,100.00	6,840.00	6,714.00	6,714.00	299.03	116.22	-90.00	-675.79	-11,220.22	2,847.22	2,445.57	401.64	7.089		
17,200.00	6,840.00	6,714.00	6,714.00	301.71	116.22	-90.00	-675.79	-11,220.22	2,868.27	2,467.18	401.09	7.151		
17,300.00	6,840.00	6,714.00	6,714.00	304.39	116.22	-90.00	-675.79	-11,220.22	2,892.63	2,492.40	400.22	7.228		
17,400.00	6,840.00	6,714.00	6,714.00	307.08	116.22	-90.00	-675.79	-11,220.22	2,920.21	2,521.14	399.06	7.318		
17,500.00	6,840.00	6,714.00	6,714.00	309.76	116.22	-90.00	-675.79	-11,220.22	2,950.92	2,553.28	397.64	7.421		
17,600.00	6,840.00	6,714.00	6,714.00	312.44	116.22	-90.00	-675.79	-11,220.22	2,984.67	2,588.70	395.96	7.538		
17,700.00	6,840.00	6,714.00	6,714.00	315.13	116.22	-90.00	-675.79	-11,220.22	3,021.35	2,627.29	394.06	7.667		
17,800.00	6,840.00	6,714.00	6,714.00	317.81	116.22	-90.00	-675.79	-11,220.22	3,060.86	2,668.90	391.96	7.809		
17,900.00	6,840.00	6,714.00	6,714.00	320.50	116.22	-90.00	-675.79	-11,220.22	3,103.09	2,713.42	389.67	7.963		
18,000.00	6,840.00	6,714.00	6,714.00	323.19	116.22	-90.00	-675.79	-11,220.22	3,147.94	2,760.70	387.23	8.129		
18,100.00	6,840.00	6,714.00	6,714.00	325.87	116.22	-90.00	-675.79	-11,220.22	3,195.28	2,810.62	384.66	8.307		
18,200.00	6,840.00	6,714.00	6,714.00	328.56	116.22	-90.00	-675.79	-11,220.22	3,245.02	2,863.05	381.97	8.496		
18,300.00	6,840.00	6,714.00	6,714.00	331.25	116.22	-90.00	-675.79	-11,220.22	3,297.04	2,917.86	379.18	8.695		
18,400.00	6,840.00	6,714.00	6,714.00	333.94	116.22	-90.00	-675.79	-11,220.22	3,351.23	2,974.91	376.32	8.905		
18,500.00	6,840.00	6,714.00	6,714.00	336.63	116.22	-90.00	-675.79	-11,220.22	3,407.50	3,034.11	373.40	9.126		
18,600.00	6,840.00	6,714.00	6,714.00	339.32	116.22	-90.00	-675.79	-11,220.22	3,465.75	3,095.31	370.43	9.356		
18,700.00	6,840.00	6,714.00	6,714.00	342.01	116.22	-90.00	-675.79	-11,220.22	3,525.86	3,158.43	367.44	9.596		
18,800.00	6,840.00	6,714.00	6,714.00	344.70	116.22	-90.00	-675.79	-11,220.22	3,587.76	3,223.34	364.42	9.845		
18,900.00	6,840.00	6,714.00	6,714.00	347.39	116.22	-90.00	-675.79	-11,220.22	3,651.35	3,289.94	361.40	10.103		
19,000.00	6,840.00	6,714.00	6,714.00	350.08	116.22	-90.00	-675.79	-11,220.22	3,716.54	3,358.15	358.39	10.370		
19,100.00	6,840.00	6,714.00	6,714.00	352.77	116.22	-90.00	-675.79	-11,220.22	3,783.25	3,427.86	355.39	10.645		
19,200.00	6,840.00	6,714.00	6,714.00	355.46	116.22	-90.00	-675.79	-11,220.22	3,851.40	3,499.00	352.41	10.929		
19,300.00	6,840.00	6,714.00	6,714.00	358.16	116.22	-90.00	-675.79	-11,220.22	3,920.92	3,571.47	349.45	11.220		
19,400.00	6,840.00	6,714.00	6,714.00	360.85	116.22	-90.00	-675.79	-11,220.22	3,991.73	3,645.20	346.53	11.519		
19,500.00	6,840.00	6,714.00	6,714.00	363.54	116.22	-90.00	-675.79	-11,220.22	4,063.77	3,720.12	343.65	11.825		
19,600.00	6,840.00	6,714.00	6,714.00	366.24	116.22	-90.00	-675.79	-11,220.22	4,136.98	3,796.17	340.81	12.139		
19,700.00	6,840.00	6,714.00	6,714.00	368.93	116.22	-90.00	-675.79	-11,220.22	4,211.28	3,873.27	338.01	12.459		
19,800.00	6,840.00	6,714.00	6,714.00	371.63	116.22	-90.00	-675.79	-11,220.22	4,286.63	3,951.36	335.27	12.786		
19,900.00	6,840.00	6,714.00	6,714.00	374.32	116.22	-90.00	-675.79	-11,220.22	4,362.97	4,030.40	332.57	13.119		
20,000.00	6,840.00	6,714.00	6,714.00	377.02	116.22	-90.00	-675.79	-11,220.22	4,440.25	4,110.33	329.92	13.458		
20,100.00	6,840.00	6,714.00	6,714.00	379.71	116.22	-90.00	-675.79	-11,220.22	4,518.42	4,191.09	327.33	13.804		
20,200.00	6,840.00	6,714.00	6,714.00	382.41	116.22	-90.00	-675.79	-11,220.22	4,597.44	4,272.65	324.79	14.155		
20,300.00	6,840.00	6,714.00	6,714.00	385.11	116.22	-90.00	-675.79	-11,220.22	4,677.26	4,354.95	322.31	14.512		
20,400.00	6,840.00	6,714.00	6,714.00	387.80	116.22	-90.00	-675.79	-11,220.22	4,757.85	4,437.97	319.88	14.874		
20,500.00	6,840.00	6,714.00	6,714.00	390.50	116.22	-90.00	-675.79	-11,220.22	4,839.15	4,521.65	317.51	15.241		
20,600.00	6,840.00	6,714.00	6,714.00	393.20	116.22	-90.00	-675.79	-11,220.22	4,921.15	4,605.97	315.19	15.614		
20,691.67	6,840.00	6,714.00	6,714.00	395.67	116.22	-90.00	-675.79	-11,220.22	4,996.89	4,683.79	313.11	15.959		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,400.00	6,840.00	6,657.33	6,656.57	123.57	1.66	-87.96	-543.97	-14,611.95	9,909.41	9,835.34	74.07	133.784		
10,500.00	6,840.00	6,657.79	6,657.02	126.04	1.66	-87.97	-543.98	-14,611.95	9,813.17	9,738.22	74.95	130.924		
10,600.00	6,840.00	6,658.25	6,657.48	128.52	1.66	-87.98	-543.98	-14,611.96	9,717.00	9,641.15	75.86	128.097		
10,700.00	6,840.00	6,658.71	6,657.95	131.01	1.66	-87.99	-543.98	-14,611.96	9,620.92	9,544.14	76.78	125.304		
10,800.00	6,840.00	6,659.18	6,658.42	133.51	1.66	-88.00	-543.99	-14,611.96	9,524.91	9,447.18	77.73	122.543		
10,900.00	6,840.00	6,659.66	6,658.89	136.02	1.66	-88.01	-543.99	-14,611.97	9,428.98	9,350.29	78.70	119.817		
11,000.00	6,840.00	6,660.13	6,659.37	138.53	1.66	-88.02	-544.00	-14,611.97	9,333.15	9,253.46	79.69	117.124		
11,100.00	6,840.00	6,660.62	6,659.85	141.06	1.66	-88.03	-544.00	-14,611.97	9,237.39	9,156.69	80.70	114.465		
11,200.00	6,840.00	6,661.10	6,660.34	143.59	1.66	-88.04	-544.01	-14,611.98	9,141.73	9,060.00	81.74	111.841		
11,300.00	6,840.00	6,661.59	6,660.83	146.13	1.66	-88.05	-544.01	-14,611.98	9,046.17	8,963.37	82.80	109.251		
11,400.00	6,840.00	6,662.09	6,661.32	148.68	1.66	-88.06	-544.01	-14,611.98	8,950.70	8,866.81	83.89	106.695		
11,500.00	6,840.00	6,662.58	6,661.82	151.23	1.66	-88.07	-544.02	-14,611.99	8,855.33	8,770.33	85.00	104.175		
11,600.00	6,840.00	6,663.09	6,662.32	153.79	1.66	-88.08	-544.02	-14,611.99	8,760.06	8,673.92	86.15	101.688		
11,700.00	6,840.00	6,663.60	6,662.83	156.35	1.66	-88.09	-544.03	-14,612.00	8,664.91	8,577.59	87.32	99.237		
11,800.00	6,840.00	6,664.11	6,663.34	158.92	1.66	-88.10	-544.03	-14,612.00	8,569.86	8,481.34	88.51	96.820		
11,900.00	6,840.00	6,664.62	6,663.86	161.49	1.66	-88.11	-544.04	-14,612.00	8,474.92	8,385.18	89.74	94.439		
12,000.00	6,840.00	6,665.14	6,664.38	164.07	1.66	-88.12	-544.04	-14,612.01	8,380.10	8,289.11	91.00	92.092		
12,100.00	6,840.00	6,665.67	6,664.91	166.66	1.66	-88.14	-544.05	-14,612.01	8,285.41	8,193.12	92.28	89.781		
12,200.00	6,840.00	6,666.20	6,665.44	169.25	1.66	-88.15	-544.05	-14,612.02	8,190.84	8,097.23	93.60	87.504		
12,300.00	6,840.00	6,666.74	6,665.97	171.84	1.66	-88.16	-544.06	-14,612.02	8,096.40	8,001.44	94.96	85.263		
12,400.00	6,840.00	6,667.28	6,666.51	174.44	1.66	-88.17	-544.06	-14,612.03	8,002.10	7,905.75	96.35	83.057		
12,500.00	6,840.00	6,667.82	6,667.06	177.04	1.66	-88.18	-544.07	-14,612.03	7,907.93	7,810.16	97.77	80.885		
12,600.00	6,840.00	6,668.37	6,667.61	179.64	1.66	-88.19	-544.07	-14,612.03	7,813.91	7,714.69	99.23	78.749		
12,700.00	6,840.00	6,668.93	6,668.16	182.25	1.66	-88.21	-544.08	-14,612.04	7,720.04	7,619.32	100.72	76.648		
12,800.00	6,840.00	6,669.49	6,668.72	184.86	1.66	-88.22	-544.08	-14,612.04	7,626.33	7,524.07	102.26	74.581		
12,900.00	6,840.00	6,670.05	6,669.29	187.47	1.66	-88.23	-544.09	-14,612.05	7,532.78	7,428.95	103.83	72.550		
13,000.00	6,840.00	6,670.62	6,669.86	190.09	1.66	-88.24	-544.09	-14,612.05	7,439.39	7,333.95	105.44	70.553		
13,100.00	6,840.00	6,671.20	6,670.43	192.71	1.66	-88.25	-544.10	-14,612.06	7,346.19	7,239.08	107.10	68.591		
13,200.00	6,840.00	6,671.78	6,671.02	195.34	1.66	-88.27	-544.10	-14,612.06	7,253.16	7,144.35	108.80	66.664		
13,300.00	6,840.00	6,672.37	6,671.60	197.96	1.66	-88.28	-544.11	-14,612.07	7,160.32	7,049.77	110.55	64.772		
13,400.00	6,840.00	6,672.96	6,672.20	200.59	1.66	-88.29	-544.11	-14,612.07	7,067.67	6,955.33	112.34	62.914		
13,500.00	6,840.00	6,673.56	6,672.79	203.22	1.66	-88.30	-544.12	-14,612.08	6,975.23	6,861.05	114.18	61.090		
13,600.00	6,840.00	6,674.16	6,673.40	205.85	1.66	-88.32	-544.12	-14,612.08	6,883.00	6,766.92	116.07	59.300		
13,700.00	6,840.00	6,674.77	6,674.01	208.49	1.66	-88.33	-544.13	-14,612.09	6,790.98	6,672.97	118.01	57.545		
13,800.00	6,840.00	6,675.39	6,674.62	211.13	1.66	-88.34	-544.14	-14,612.09	6,699.20	6,579.19	120.01	55.824		
13,900.00	6,840.00	6,676.01	6,675.25	213.77	1.66	-88.36	-544.14	-14,612.10	6,607.66	6,485.60	122.06	54.136		
14,000.00	6,840.00	6,676.64	6,675.87	216.41	1.66	-88.37	-544.15	-14,612.10	6,516.36	6,392.20	124.16	52.482		
14,100.00	6,840.00	6,677.27	6,676.51	219.06	1.66	-88.38	-544.15	-14,612.11	6,425.32	6,299.00	126.33	50.862		
14,200.00	6,840.00	6,677.92	6,677.15	221.70	1.66	-88.40	-544.16	-14,612.12	6,334.56	6,206.00	128.55	49.275		
14,300.00	6,840.00	6,678.56	6,677.80	224.35	1.66	-88.41	-544.16	-14,612.12	6,244.07	6,113.23	130.84	47.722		
14,400.00	6,840.00	6,679.22	6,678.45	227.00	1.66	-88.43	-544.17	-14,612.13	6,153.88	6,020.68	133.20	46.201		
14,500.00	6,840.00	6,679.88	6,679.11	229.65	1.66	-88.44	-544.18	-14,612.13	6,064.00	5,928.38	135.62	44.713		
14,600.00	6,840.00	6,680.54	6,679.78	232.30	1.66	-88.45	-544.18	-14,612.14	5,974.44	5,836.33	138.11	43.259		
14,700.00	6,840.00	6,681.22	6,680.45	234.96	1.66	-88.47	-544.19	-14,612.15	5,885.21	5,744.54	140.67	41.836		
14,800.00	6,840.00	6,681.90	6,681.13	237.61	1.66	-88.48	-544.19	-14,612.15	5,796.34	5,653.03	143.31	40.446		
14,900.00	6,840.00	6,682.58	6,681.82	240.27	1.66	-88.50	-544.20	-14,612.16	5,707.84	5,561.81	146.02	39.088		
15,000.00	6,840.00	6,683.28	6,682.51	242.93	1.66	-88.51	-544.21	-14,612.16	5,619.72	5,470.90	148.82	37.762		
15,100.00	6,840.00	6,683.98	6,683.21	245.59	1.66	-88.53	-544.21	-14,612.17	5,532.00	5,380.30	151.69	36.468		
15,200.00	6,840.00	6,684.69	6,683.92	248.25	1.66	-88.54	-544.22	-14,612.18	5,444.71	5,290.05	154.66	35.205		
15,300.00	6,840.00	6,685.41	6,684.64	250.92	1.66	-88.56	-544.23	-14,612.18	5,357.86	5,200.15	157.71	33.974		
15,400.00	6,840.00	6,686.13	6,685.36	253.58	1.66	-88.57	-544.23	-14,612.19	5,271.48	5,110.63	160.85	32.774		
15,500.00	6,840.00	6,686.86	6,686.10	256.25	1.66	-88.59	-544.24	-14,612.20	5,185.58	5,021.50	164.08	31.604		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,600.00	6,840.00	6,687.60	6,686.84	258.91	1.66	-88.61	-544.25	-14,612.21	5,100.20	4,932.80	167.41	30.465		
15,700.00	6,840.00	6,688.35	6,687.58	261.58	1.66	-88.62	-544.25	-14,612.21	5,015.37	4,844.53	170.84	29.357		
15,800.00	6,840.00	6,689.11	6,688.34	264.25	1.66	-88.64	-544.26	-14,612.22	4,931.10	4,756.72	174.37	28.279		
15,900.00	6,840.00	6,689.87	6,689.10	266.92	1.66	-88.65	-544.27	-14,612.23	4,847.42	4,669.41	178.01	27.231		
16,000.00	6,840.00	6,690.64	6,689.87	269.59	1.66	-88.67	-544.27	-14,612.23	4,764.38	4,582.62	181.76	26.213		
16,100.00	6,840.00	6,691.42	6,690.65	272.26	1.66	-88.69	-544.28	-14,612.24	4,682.00	4,496.38	185.62	25.224		
16,200.00	6,840.00	6,692.21	6,691.44	274.94	1.66	-88.70	-544.29	-14,612.25	4,600.32	4,410.73	189.59	24.265		
16,300.00	6,840.00	6,693.01	6,692.24	277.61	1.66	-88.72	-544.29	-14,612.26	4,519.37	4,325.69	193.68	23.334		
16,400.00	6,840.00	6,693.82	6,693.05	280.28	1.66	-88.74	-544.30	-14,612.27	4,439.20	4,241.31	197.89	22.433		
16,500.00	6,840.00	6,694.63	6,693.86	282.96	1.66	-88.76	-544.31	-14,612.27	4,359.85	4,157.63	202.22	21.560		
16,600.00	6,840.00	6,695.46	6,694.69	285.64	1.66	-88.77	-544.32	-14,612.28	4,281.37	4,074.69	206.68	20.715		
16,700.00	6,840.00	6,696.29	6,695.52	288.31	1.66	-88.79	-544.32	-14,612.29	4,203.80	3,992.54	211.26	19.899		
16,800.00	6,840.00	6,697.14	6,696.37	290.99	1.66	-88.81	-544.33	-14,612.30	4,127.19	3,911.22	215.97	19.110		
16,900.00	6,840.00	6,697.99	6,697.22	293.67	1.66	-88.83	-544.34	-14,612.31	4,051.60	3,830.80	220.81	18.349		
17,000.00	6,840.00	6,698.85	6,698.08	296.35	1.66	-88.85	-544.35	-14,612.32	3,977.10	3,751.32	225.77	17.616		
17,100.00	6,840.00	6,699.73	6,698.96	299.03	1.66	-88.86	-544.35	-14,612.33	3,903.73	3,672.86	230.87	16.909		
17,200.00	6,840.00	6,700.70	6,699.93	301.71	1.66	-88.89	-544.36	-14,612.34	3,831.56	3,595.47	236.09	16.229		
17,300.00	6,840.00	6,701.73	6,700.96	304.39	1.66	-88.91	-544.37	-14,612.35	3,760.67	3,519.24	241.43	15.576		
17,400.00	6,840.00	6,702.80	6,702.03	307.08	1.67	-88.93	-544.38	-14,612.36	3,691.13	3,444.23	246.90	14.950		
17,500.00	6,840.00	6,703.90	6,703.13	309.76	1.67	-88.95	-544.39	-14,612.37	3,623.01	3,370.53	252.49	14.349		
17,600.00	6,840.00	6,705.03	6,704.26	312.44	1.67	-88.98	-544.40	-14,612.38	3,556.40	3,298.22	258.18	13.775		
17,700.00	6,840.00	6,706.20	6,705.43	315.13	1.67	-89.00	-544.41	-14,612.40	3,491.38	3,227.40	263.98	13.226		
17,800.00	6,840.00	6,707.41	6,706.64	317.81	1.67	-89.03	-544.42	-14,612.41	3,428.05	3,158.18	269.87	12.702		
17,900.00	6,840.00	6,708.66	6,707.89	320.50	1.67	-89.06	-544.43	-14,612.42	3,366.50	3,090.65	275.85	12.204		
18,000.00	6,840.00	6,709.94	6,709.17	323.19	1.67	-89.08	-544.44	-14,612.44	3,306.82	3,024.93	281.89	11.731		
18,100.00	6,840.00	6,711.27	6,710.51	325.87	1.67	-89.11	-544.45	-14,612.45	3,249.13	2,961.13	287.99	11.282		
18,200.00	6,840.00	6,712.65	6,711.88	328.56	1.67	-89.14	-544.46	-14,612.47	3,193.52	2,899.39	294.13	10.858		
18,300.00	6,840.00	6,714.07	6,713.31	331.25	1.67	-89.17	-544.47	-14,612.49	3,140.12	2,839.84	300.28	10.457		
18,400.00	6,840.00	6,715.55	6,714.78	333.94	1.67	-89.20	-544.48	-14,612.51	3,089.03	2,782.61	306.42	10.081		
18,500.00	6,840.00	6,717.08	6,716.31	336.63	1.67	-89.24	-544.49	-14,612.53	3,040.37	2,727.84	312.52	9.728		
18,600.00	6,840.00	6,718.66	6,717.89	339.32	1.67	-89.27	-544.50	-14,612.55	2,994.26	2,675.69	318.56	9.399		
18,700.00	6,840.00	6,720.30	6,719.53	342.01	1.67	-89.31	-544.51	-14,612.57	2,950.82	2,626.31	324.51	9.093		
18,800.00	6,840.00	6,722.01	6,721.24	344.70	1.67	-89.34	-544.52	-14,612.59	2,910.17	2,579.84	330.32	8.810		
18,900.00	6,840.00	6,723.78	6,723.01	347.39	1.67	-89.38	-544.52	-14,612.62	2,872.42	2,536.45	335.97	8.550		
19,000.00	6,840.00	6,725.62	6,724.85	350.08	1.67	-89.42	-544.53	-14,612.64	2,837.70	2,496.29	341.41	8.312		
19,100.00	6,840.00	6,727.54	6,726.77	352.77	1.67	-89.46	-544.54	-14,612.67	2,806.11	2,459.50	346.61	8.096		
19,200.00	6,840.00	6,729.54	6,728.77	355.46	1.67	-89.50	-544.55	-14,612.70	2,777.76	2,426.24	351.52	7.902		
19,300.00	6,840.00	6,731.62	6,730.85	358.16	1.67	-89.55	-544.56	-14,612.73	2,752.76	2,396.64	356.11	7.730		
19,400.00	6,840.00	6,733.79	6,733.01	360.85	1.67	-89.59	-544.57	-14,612.76	2,731.18	2,370.84	360.35	7.579		
19,500.00	6,840.00	6,736.05	6,735.28	363.54	1.67	-89.64	-544.58	-14,612.80	2,713.13	2,348.94	364.19	7.450		
19,600.00	6,840.00	6,738.42	6,737.64	366.24	1.67	-89.69	-544.59	-14,612.84	2,698.66	2,331.06	367.60	7.341		
19,700.00	6,840.00	6,740.89	6,740.12	368.93	1.67	-89.75	-544.60	-14,612.88	2,687.83	2,317.28	370.55	7.254		
19,800.00	6,840.00	6,743.48	6,742.71	371.63	1.67	-89.80	-544.60	-14,612.92	2,680.69	2,307.67	373.02	7.186		
19,900.00	6,840.00	6,746.20	6,745.43	374.32	1.67	-89.86	-544.61	-14,612.96	2,677.27	2,302.27	375.00	7.139		
19,941.73	6,840.00	6,747.37	6,746.60	375.45	1.67	-89.88	-544.61	-14,612.99	2,676.94	2,301.27	375.67	7.126 CC		
20,000.00	6,840.00	6,749.05	6,748.28	377.02	1.67	-89.92	-544.61	-14,613.01	2,677.58	2,301.11	376.46	7.112 ES		
20,100.00	6,840.00	6,752.05	6,751.27	379.71	1.67	-89.98	-544.62	-14,613.07	2,681.62	2,304.20	377.41	7.105 SF		
20,200.00	6,840.00	6,755.20	6,754.42	382.41	1.67	-90.05	-544.62	-14,613.13	2,689.37	2,311.52	377.85	7.118		
20,300.00	6,840.00	6,758.52	6,757.74	385.11	1.67	-90.12	-544.62	-14,613.19	2,700.80	2,323.03	377.77	7.149		
20,400.00	6,840.00	6,762.02	6,761.24	387.80	1.67	-90.20	-544.62	-14,613.26	2,715.87	2,338.66	377.20	7.200		
20,500.00	6,840.00	6,765.72	6,764.94	390.50	1.68	-90.28	-544.62	-14,613.33	2,734.51	2,358.35	376.16	7.270		
20,600.00	6,840.00	6,769.63	6,768.85	393.20	1.68	-90.36	-544.62	-14,613.41	2,756.65	2,381.98	374.66	7.358		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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	
20,691.67	6,840.00	6,773.42	6,772.64	395.67	1.68	-90.44	-544.61	-14,613.49	2,779.95	2,407.03	372.92	7.455	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
10,700.00	6,840.00	6,915.42	6,914.29	131.01	1.82	-93.75	-112.26	-15,055.92	9,944.74	9,873.16	71.58	138.934		
10,800.00	6,840.00	6,914.46	6,913.34	133.51	1.82	-93.73	-112.26	-15,055.94	9,847.36	9,775.03	72.33	136.140		
10,900.00	6,840.00	6,913.50	6,912.38	136.02	1.82	-93.70	-112.26	-15,055.95	9,750.04	9,676.93	73.10	133.372		
11,000.00	6,840.00	6,912.53	6,911.41	138.53	1.82	-93.68	-112.26	-15,055.97	9,652.77	9,578.88	73.89	130.631		
11,100.00	6,840.00	11,100.00	6,904.46	141.06	2.25	-93.50	-112.25	-15,056.09	9,555.56	9,480.84	74.72	127.883		
11,200.00	6,840.00	11,200.00	6,903.03	143.59	2.26	-93.46	-112.25	-15,056.11	9,458.41	9,382.86	75.55	125.195		
11,300.00	6,840.00	6,919.67	6,918.55	146.13	1.82	-93.86	-112.28	-15,055.84	9,361.29	9,284.92	76.37	122.580		
11,400.00	6,840.00	6,917.44	6,916.32	148.68	1.82	-93.80	-112.27	-15,055.88	9,264.26	9,187.02	77.24	119.947		
11,500.00	6,840.00	6,915.23	6,914.11	151.23	1.82	-93.75	-112.27	-15,055.91	9,167.29	9,089.17	78.12	117.342		
11,600.00	6,840.00	6,913.05	6,911.92	153.79	1.82	-93.69	-112.27	-15,055.95	9,070.39	8,991.35	79.03	114.765		
11,700.00	6,840.00	6,910.88	6,909.76	156.35	1.82	-93.64	-112.27	-15,055.99	8,973.55	8,893.58	79.97	112.217		
11,800.00	6,840.00	6,908.73	6,907.61	158.92	1.82	-93.58	-112.27	-15,056.02	8,876.78	8,795.86	80.92	109.697		
11,900.00	6,840.00	6,906.61	6,905.49	161.49	1.82	-93.53	-112.26	-15,056.06	8,780.09	8,698.19	81.90	107.207		
12,000.00	6,840.00	6,904.50	6,903.38	164.07	1.82	-93.47	-112.26	-15,056.09	8,683.47	8,600.57	82.90	104.746		
12,100.00	6,840.00	6,902.42	6,901.29	166.66	1.82	-93.42	-112.26	-15,056.13	8,586.92	8,503.00	83.93	102.314		
12,200.00	6,840.00	6,900.35	6,899.23	169.25	1.82	-93.37	-112.26	-15,056.16	8,490.46	8,405.48	84.98	99.912		
12,300.00	6,840.00	6,898.30	6,897.18	171.84	1.82	-93.32	-112.26	-15,056.19	8,394.08	8,308.02	86.06	97.539		
12,400.00	6,840.00	6,896.27	6,895.15	174.44	1.82	-93.26	-112.26	-15,056.23	8,297.78	8,210.62	87.16	95.197		
12,500.00	6,840.00	6,894.26	6,893.14	177.04	1.82	-93.21	-112.26	-15,056.26	8,201.57	8,113.27	88.30	92.885		
12,600.00	6,840.00	6,892.27	6,891.15	179.64	1.82	-93.16	-112.26	-15,056.29	8,105.45	8,015.99	89.46	90.602		
12,700.00	6,840.00	6,890.30	6,889.18	182.25	1.82	-93.11	-112.26	-15,056.32	8,009.43	7,918.78	90.66	88.351		
12,800.00	6,840.00	6,888.34	6,887.22	184.86	1.82	-93.06	-112.26	-15,056.35	7,913.51	7,821.63	91.88	86.129		
12,900.00	6,840.00	6,886.41	6,885.29	187.47	1.82	-93.01	-112.26	-15,056.38	7,817.69	7,724.55	93.14	83.939		
13,000.00	6,840.00	6,884.49	6,883.37	190.09	1.82	-92.97	-112.26	-15,056.41	7,721.97	7,627.54	94.42	81.779		
13,100.00	6,840.00	6,882.58	6,881.46	192.71	1.82	-92.92	-112.26	-15,056.44	7,626.36	7,530.61	95.75	79.650		
13,200.00	6,840.00	6,880.70	6,879.58	195.34	1.82	-92.87	-112.26	-15,056.47	7,530.87	7,433.76	97.11	77.552		
13,300.00	6,840.00	6,878.83	6,877.71	197.96	1.82	-92.82	-112.26	-15,056.50	7,435.49	7,336.99	98.50	75.485		
13,400.00	6,840.00	6,876.97	6,875.85	200.59	1.82	-92.77	-112.26	-15,056.53	7,340.24	7,240.30	99.94	73.449		
13,500.00	6,840.00	6,875.14	6,874.02	203.22	1.82	-92.73	-112.26	-15,056.56	7,245.12	7,143.71	101.41	71.444		
13,600.00	6,840.00	6,873.32	6,872.20	205.85	1.82	-92.68	-112.26	-15,056.59	7,150.12	7,047.20	102.92	69.471		
13,700.00	6,840.00	6,871.51	6,870.39	208.49	1.82	-92.64	-112.27	-15,056.61	7,055.27	6,950.79	104.48	67.529		
13,800.00	6,840.00	6,869.72	6,868.60	211.13	1.82	-92.59	-112.27	-15,056.64	6,960.56	6,854.48	106.08	65.618		
13,900.00	6,840.00	6,867.95	6,866.83	213.77	1.82	-92.54	-112.27	-15,056.67	6,866.00	6,758.27	107.72	63.738		
14,000.00	6,840.00	6,866.19	6,865.07	216.41	1.82	-92.50	-112.27	-15,056.69	6,771.59	6,662.18	109.41	61.890		
14,100.00	6,840.00	6,864.44	6,863.33	219.06	1.82	-92.46	-112.27	-15,056.72	6,677.35	6,566.19	111.15	60.073		
14,200.00	6,840.00	6,862.72	6,861.60	221.70	1.82	-92.41	-112.27	-15,056.75	6,583.27	6,470.33	112.94	58.288		
14,300.00	6,840.00	6,861.00	6,859.88	224.35	1.82	-92.37	-112.28	-15,056.77	6,489.38	6,374.59	114.79	56.534		
14,400.00	6,840.00	6,859.30	6,858.18	227.00	1.82	-92.32	-112.28	-15,056.80	6,395.67	6,278.98	116.68	54.812		
14,500.00	6,840.00	6,857.62	6,856.50	229.65	1.82	-92.28	-112.28	-15,056.82	6,302.15	6,183.51	118.64	53.121		
14,600.00	6,840.00	6,855.94	6,854.83	232.30	1.82	-92.24	-112.28	-15,056.85	6,208.83	6,088.18	120.65	51.461		
14,700.00	6,840.00	6,854.29	6,853.17	234.96	1.82	-92.20	-112.28	-15,056.87	6,115.72	5,993.00	122.72	49.833		
14,800.00	6,840.00	6,852.64	6,851.53	237.61	1.82	-92.15	-112.29	-15,056.89	6,022.84	5,897.98	124.86	48.237		
14,900.00	6,840.00	6,851.01	6,849.90	240.27	1.82	-92.11	-112.29	-15,056.92	5,930.18	5,803.12	127.06	46.671		
15,000.00	6,840.00	6,849.40	6,848.28	242.93	1.82	-92.07	-112.29	-15,056.94	5,837.77	5,708.43	129.33	45.137		
15,100.00	6,840.00	6,847.79	6,846.68	245.59	1.82	-92.03	-112.30	-15,056.96	5,745.61	5,613.93	131.68	43.634		
15,200.00	6,840.00	6,846.20	6,845.09	248.25	1.82	-91.99	-112.30	-15,056.99	5,653.72	5,519.62	134.09	42.163		
15,300.00	6,840.00	6,844.62	6,843.51	250.92	1.82	-91.95	-112.30	-15,057.01	5,562.10	5,425.52	136.59	40.722		
15,400.00	6,840.00	6,843.06	6,841.95	253.58	1.82	-91.91	-112.30	-15,057.03	5,470.78	5,331.62	139.16	39.313		
15,500.00	6,840.00	6,841.51	6,840.39	256.25	1.82	-91.87	-112.31	-15,057.05	5,379.77	5,237.95	141.82	37.934		
15,600.00	6,840.00	6,839.97	6,838.85	258.91	1.82	-91.83	-112.31	-15,057.07	5,289.08	5,144.52	144.56	36.587		
15,700.00	6,840.00	6,838.44	6,837.33	261.58	1.82	-91.79	-112.31	-15,057.10	5,198.73	5,051.34	147.40	35.270		
15,800.00	6,840.00	6,836.93	6,835.81	264.25	1.82	-91.75	-112.32	-15,057.12	5,108.75	4,958.42	150.33	33.985		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
15,900.00	6,840.00	6,835.42	6,834.31	266.92	1.82	-91.72	-112.32	-15,057.14	5,019.14	4,865.79	153.35	32.729		
16,000.00	6,840.00	6,833.93	6,832.82	269.59	1.82	-91.68	-112.32	-15,057.16	4,929.93	4,773.45	156.48	31.505		
16,100.00	6,840.00	6,832.45	6,831.34	272.26	1.82	-91.64	-112.33	-15,057.18	4,841.14	4,681.42	159.72	30.311		
16,200.00	6,840.00	6,830.99	6,829.87	274.94	1.82	-91.60	-112.33	-15,057.20	4,752.80	4,589.74	163.06	29.147		
16,300.00	6,840.00	6,829.53	6,828.42	277.61	1.82	-91.57	-112.33	-15,057.22	4,664.92	4,498.40	166.52	28.014		
16,400.00	6,840.00	6,828.08	6,826.97	280.28	1.82	-91.53	-112.34	-15,057.24	4,577.55	4,407.45	170.10	26.911		
16,500.00	6,840.00	6,826.65	6,825.54	282.96	1.82	-91.49	-112.34	-15,057.26	4,490.70	4,316.89	173.80	25.838		
16,600.00	6,840.00	6,825.23	6,824.11	285.64	1.82	-91.46	-112.34	-15,057.28	4,404.40	4,226.77	177.63	24.795		
16,700.00	6,840.00	6,823.82	6,822.70	288.31	1.82	-91.42	-112.35	-15,057.30	4,318.70	4,137.10	181.60	23.781		
16,800.00	6,840.00	6,822.41	6,821.30	290.99	1.82	-91.38	-112.35	-15,057.32	4,233.63	4,047.93	185.70	22.798		
16,900.00	6,840.00	6,821.02	6,819.91	293.67	1.82	-91.35	-112.36	-15,057.33	4,149.22	3,959.27	189.95	21.844		
17,000.00	6,840.00	6,819.64	6,818.53	296.35	1.82	-91.31	-112.36	-15,057.35	4,065.52	3,871.17	194.34	20.919		
17,100.00	6,840.00	6,818.28	6,817.16	299.03	1.82	-91.28	-112.36	-15,057.37	3,982.57	3,783.67	198.89	20.024		
17,200.00	6,840.00	6,816.92	6,815.80	301.71	1.82	-91.24	-112.37	-15,057.39	3,900.41	3,696.81	203.60	19.157		
17,300.00	6,840.00	6,815.57	6,814.46	304.39	1.82	-91.21	-112.37	-15,057.41	3,819.11	3,610.65	208.47	18.320		
17,400.00	6,840.00	6,814.23	6,813.12	307.08	1.82	-91.18	-112.38	-15,057.42	3,738.72	3,525.22	213.50	17.512		
17,500.00	6,840.00	6,812.90	6,811.79	309.76	1.82	-91.14	-112.38	-15,057.44	3,659.29	3,440.59	218.70	16.732		
17,600.00	6,840.00	6,811.58	6,810.47	312.44	1.82	-91.11	-112.38	-15,057.46	3,580.89	3,356.81	224.08	15.980		
17,700.00	6,840.00	6,810.37	6,809.25	315.13	1.82	-91.08	-112.39	-15,057.47	3,503.59	3,273.96	229.63	15.257		
17,800.00	6,840.00	6,809.00	6,807.89	317.81	1.82	-91.04	-112.40	-15,057.49	3,427.47	3,192.11	235.36	14.563		
17,900.00	6,840.00	6,807.68	6,806.57	320.50	1.82	-91.01	-112.40	-15,057.51	3,352.60	3,111.33	241.27	13.896		
18,000.00	6,840.00	6,806.40	6,805.29	323.19	1.82	-90.98	-112.40	-15,057.52	3,279.07	3,031.72	247.35	13.257		
18,100.00	6,840.00	6,805.13	6,804.02	325.87	1.82	-90.94	-112.41	-15,057.54	3,206.97	2,953.37	253.60	12.646		
18,200.00	6,840.00	6,803.87	6,802.76	328.56	1.82	-90.91	-112.41	-15,057.56	3,136.40	2,876.38	260.02	12.062		
18,300.00	6,840.00	6,802.62	6,801.51	331.25	1.82	-90.88	-112.41	-15,057.57	3,067.47	2,800.86	266.61	11.506		
18,400.00	6,840.00	6,801.38	6,800.27	333.94	1.82	-90.85	-112.42	-15,057.59	3,000.29	2,726.95	273.34	10.976		
18,500.00	6,840.00	6,800.14	6,799.03	336.63	1.82	-90.82	-112.42	-15,057.60	2,934.98	2,654.76	280.22	10.474		
18,600.00	6,840.00	6,798.96	6,797.85	339.32	1.82	-90.79	-112.43	-15,057.62	2,871.66	2,584.45	287.21	9.998		
18,700.00	6,840.00	6,797.80	6,796.69	342.01	1.82	-90.76	-112.43	-15,057.63	2,810.48	2,516.17	294.31	9.549		
18,800.00	6,840.00	6,796.67	6,795.56	344.70	1.82	-90.73	-112.44	-15,057.65	2,751.57	2,450.09	301.48	9.127		
18,900.00	6,840.00	6,795.55	6,794.44	347.39	1.82	-90.70	-112.44	-15,057.66	2,695.09	2,386.38	308.70	8.730		
19,000.00	6,840.00	6,794.46	6,793.35	350.08	1.82	-90.67	-112.45	-15,057.67	2,641.18	2,325.25	315.93	8.360		
19,100.00	6,840.00	6,793.38	6,792.27	352.77	1.82	-90.64	-112.45	-15,057.69	2,590.01	2,266.89	323.13	8.015		
19,200.00	6,840.00	6,792.32	6,791.21	355.46	1.82	-90.62	-112.45	-15,057.70	2,541.75	2,211.50	330.25	7.696		
19,300.00	6,840.00	6,791.28	6,790.17	358.16	1.82	-90.59	-112.46	-15,057.71	2,496.57	2,159.32	337.24	7.403		
19,400.00	6,840.00	6,790.26	6,789.15	360.85	1.82	-90.56	-112.46	-15,057.72	2,454.62	2,110.58	344.05	7.135		
19,500.00	6,840.00	6,789.25	6,788.14	363.54	1.82	-90.54	-112.47	-15,057.74	2,416.09	2,065.49	350.60	6.891		
19,600.00	6,840.00	6,788.26	6,787.15	366.24	1.82	-90.51	-112.47	-15,057.75	2,381.14	2,024.29	356.85	6.673		
19,700.00	6,840.00	6,787.28	6,786.18	368.93	1.82	-90.49	-112.48	-15,057.76	2,349.93	1,987.21	362.72	6.479		
19,800.00	6,840.00	6,786.33	6,785.22	371.63	1.82	-90.46	-112.48	-15,057.77	2,322.60	1,954.47	368.14	6.309		
19,900.00	6,840.00	6,785.38	6,784.27	374.32	1.82	-90.44	-112.49	-15,057.78	2,299.30	1,926.26	373.04	6.164		
20,000.00	6,840.00	6,784.45	6,783.34	377.02	1.82	-90.42	-112.49	-15,057.79	2,280.16	1,902.78	377.37	6.042		
20,100.00	6,840.00	6,783.54	6,782.43	379.71	1.82	-90.39	-112.50	-15,057.80	2,265.27	1,884.19	381.07	5.944		
20,200.00	6,840.00	6,782.64	6,781.53	382.41	1.82	-90.37	-112.50	-15,057.81	2,254.72	1,870.62	384.10	5.870		
20,300.00	6,840.00	6,781.75	6,780.65	385.11	1.82	-90.35	-112.51	-15,057.82	2,248.57	1,862.16	386.40	5.819		
20,388.45	6,840.00	6,780.98	6,779.87	387.49	1.82	-90.33	-112.51	-15,057.83	2,246.83	1,859.00	387.83	5.793 CC		
20,400.00	6,840.00	6,780.88	6,779.77	387.80	1.82	-90.33	-112.51	-15,057.83	2,246.86	1,858.89	387.97	5.791 ES		
20,500.00	6,840.00	6,780.02	6,778.91	390.50	1.82	-90.30	-112.52	-15,057.84	2,249.59	1,860.81	388.78	5.786 SF		
20,600.00	6,840.00	6,779.18	6,778.07	393.20	1.82	-90.28	-112.52	-15,057.85	2,256.76	1,867.93	388.84	5.804		
20,691.67	6,840.00	6,778.41	6,777.30	395.67	1.82	-90.26	-112.53	-15,057.86	2,267.19	1,878.95	388.24	5.840		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		
4,000.00	3,704.56	3,580.56	3,580.56	28.51	61.53	-55.05	-189.24	-10,862.31	9,974.74	9,888.90	85.84	116.205		
4,100.00	3,794.09	3,670.09	3,670.09	29.41	63.10	-55.25	-189.24	-10,862.31	9,947.38	9,859.20	88.19	112.796		
4,200.00	3,883.61	3,759.61	3,759.61	30.30	64.66	-55.44	-189.24	-10,862.31	9,920.16	9,829.61	90.54	109.561		
4,300.00	3,973.14	3,849.14	3,849.14	31.20	66.22	-55.64	-189.24	-10,862.31	9,893.06	9,800.15	92.90	106.488		
4,400.00	4,062.67	3,938.67	3,938.67	32.10	67.78	-55.84	-189.24	-10,862.31	9,866.08	9,770.82	95.27	103.564		
4,500.00	4,152.20	4,028.20	4,028.20	32.99	69.35	-56.04	-189.24	-10,862.31	9,839.24	9,741.61	97.63	100.780		
4,600.00	4,241.73	4,117.73	4,117.73	33.89	70.91	-56.24	-189.24	-10,862.31	9,812.52	9,712.52	100.00	98.126		
4,700.00	4,331.26	4,207.26	4,207.26	34.79	72.47	-56.44	-189.24	-10,862.31	9,785.93	9,683.56	102.37	95.593		
4,800.00	4,420.78	4,303.22	4,296.78	35.69	74.15	-56.64	-189.24	-10,862.31	9,759.47	9,654.62	104.86	93.073		
4,900.00	4,510.31	4,386.31	4,386.31	36.58	75.60	-56.85	-189.24	-10,862.31	9,733.15	9,626.03	107.12	90.859		
5,000.00	4,599.84	4,475.84	4,475.84	37.48	77.16	-57.05	-189.24	-10,862.31	9,706.96	9,597.45	109.51	88.644		
5,100.00	4,689.37	4,565.37	4,565.37	38.38	78.72	-57.26	-189.24	-10,862.31	9,680.90	9,569.01	111.89	86.522		
5,200.00	4,778.90	4,654.90	4,654.90	39.28	80.28	-57.46	-189.24	-10,862.31	9,654.98	9,540.70	114.28	84.487		
5,300.00	4,868.42	4,744.42	4,744.42	40.18	81.85	-57.67	-189.24	-10,862.31	9,629.19	9,512.52	116.67	82.535		
5,400.00	4,957.95	4,833.95	4,833.95	41.07	83.41	-57.88	-189.24	-10,862.31	9,603.54	9,484.48	119.06	80.660		
5,500.00	5,047.48	4,923.48	4,923.48	41.97	84.97	-58.09	-189.24	-10,862.31	9,578.03	9,456.57	121.46	78.858		
5,600.00	5,137.01	5,013.01	5,013.01	42.87	86.53	-58.30	-189.24	-10,862.31	9,552.66	9,428.80	123.86	77.125		
5,700.00	5,226.54	5,102.54	5,102.54	43.77	88.10	-58.51	-189.24	-10,862.31	9,527.43	9,401.17	126.26	75.457		
5,800.00	5,316.07	5,207.93	5,192.07	44.67	89.94	-58.72	-189.24	-10,862.31	9,502.35	9,373.40	128.95	73.692		
5,900.00	5,405.59	5,281.59	5,281.59	45.57	91.22	-58.93	-189.24	-10,862.31	9,477.40	9,346.32	131.08	72.303		
6,000.00	5,495.12	5,371.12	5,371.12	46.47	92.78	-59.14	-189.24	-10,862.31	9,452.60	9,319.11	133.49	70.810		
6,100.00	5,584.65	5,460.65	5,460.65	47.37	94.35	-59.36	-189.24	-10,862.31	9,427.95	9,292.04	135.91	69.370		
6,200.00	5,674.18	5,550.18	5,550.18	48.27	95.91	-59.58	-189.24	-10,862.31	9,403.44	9,265.11	138.33	67.980		
6,300.00	5,763.71	5,639.71	5,639.71	49.16	97.47	-59.79	-189.24	-10,862.31	9,379.08	9,238.33	140.75	66.637		
6,400.00	5,853.23	5,729.23	5,729.23	50.06	99.03	-60.01	-189.24	-10,862.31	9,354.86	9,211.69	143.17	65.339		
6,500.00	5,942.76	5,818.76	5,818.76	50.96	100.60	-60.23	-189.24	-10,862.31	9,330.80	9,185.20	145.60	64.084		
6,600.00	6,032.29	5,908.29	5,908.29	51.86	102.16	-60.45	-189.24	-10,862.31	9,306.89	9,158.86	148.03	62.871		
6,700.00	6,121.82	6,002.18	5,997.82	52.76	103.80	-60.67	-189.24	-10,862.31	9,283.13	9,132.59	150.54	61.664		
6,800.00	6,211.35	6,087.35	6,087.35	53.66	105.28	-60.89	-189.24	-10,862.31	9,259.52	9,106.62	152.90	60.558		
6,900.00	6,300.88	6,176.88	6,176.88	54.56	106.85	-61.11	-189.24	-10,862.31	9,236.07	9,080.73	155.34	59.456		
7,000.00	6,390.40	6,266.40	6,266.40	55.46	108.41	-61.33	-189.24	-10,862.31	9,212.78	9,054.99	157.79	58.388		
7,100.00	6,479.90	6,355.90	6,355.90	56.36	109.97	-59.93	-189.24	-10,862.31	9,189.53	9,029.29	160.23	57.351		
7,200.00	6,569.42	6,441.62	6,441.62	57.41	111.47	-50.04	-189.24	-10,862.31	9,166.56	8,993.89	162.67	56.289		
7,300.00	6,658.95	6,527.15	6,527.15	58.67	112.82	-45.14	-189.24	-10,862.31	9,143.77	8,970.92	165.04	55.190		
7,400.00	6,748.48	6,612.68	6,612.68	60.11	114.00	-43.67	-189.24	-10,862.31	9,121.00	8,948.15	167.24	54.093		
7,500.00	6,838.01	6,697.21	6,697.21	61.71	114.95	-45.27	-189.24	-10,862.31	9,098.23	8,925.38	169.21	53.028		
7,600.00	6,927.54	6,786.74	6,786.74	63.40	115.66	-50.77	-189.24	-10,862.31	9,075.46	8,902.61	171.15	51.910		
7,700.00	7,017.07	6,876.27	6,876.27	65.14	116.10	-63.05	-189.24	-10,862.31	9,052.69	8,879.84	173.02	50.804		
7,800.00	7,106.60	6,965.80	6,965.80	66.86	116.26	-88.26	-189.24	-10,862.31	9,029.92	8,857.07	174.84	49.707		
7,900.00	7,196.13	7,055.33	7,055.33	68.58	116.26	-90.00	-189.24	-10,862.31	9,007.15	8,834.30	176.61	48.610		
8,000.00	7,285.66	7,144.86	7,144.86	70.35	116.26	-90.00	-189.24	-10,862.31	8,984.38	8,811.53	178.33	47.513		
8,100.00	7,375.19	7,234.39	7,234.39	72.18	116.26	-90.00	-189.24	-10,862.31	8,961.61	8,788.76	180.00	46.416		
8,200.00	7,464.72	7,323.92	7,323.92	74.06	116.26	-90.00	-189.24	-10,862.31	8,938.84	8,765.99	181.62	45.319		
8,300.00	7,554.25	7,413.45	7,413.45	75.98	116.26	-90.00	-189.24	-10,862.31	8,916.07	8,743.22	183.19	44.222		
8,400.00	7,643.78	7,502.98	7,502.98	77.96	116.26	-90.00	-189.24	-10,862.31	8,893.30	8,720.45	184.71	43.125		
8,500.00	7,733.31	7,592.51	7,592.51	79.97	116.26	-90.00	-189.24	-10,862.31	8,870.53	8,697.68	186.18	42.028		
8,600.00	7,822.84	7,682.04	7,682.04	82.03	116.26	-90.00	-189.24	-10,862.31	8,847.76	8,674.91	187.60	40.931		
8,700.00	7,912.37	7,771.57	7,771.57	84.12	116.26	-90.00	-189.24	-10,862.31	8,824.99	8,652.14	188.97	39.834		
8,800.00	8,001.90	7,861.10	7,861.10	86.25	116.26	-90.00	-189.24	-10,862.31	8,802.22	8,629.37	190.30	38.737		
8,900.00	8,091.43	7,950.63	7,950.63	88.41	116.26	-90.00	-189.24	-10,862.31	8,779.45	8,606.60	191.58	37.640		
9,000.00	8,180.96	8,040.16	8,040.16	90.60	116.26	-90.00	-189.24	-10,862.31	8,756.68	8,583.83	192.80	36.543		
9,100.00	8,270.49	8,129.69	8,129.69	92.82	116.26	-90.00	-189.24	-10,862.31	8,733.91	8,561.06	193.97	35.446		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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-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		
9,200.00	6,840.00	6,716.00	6,716.00	95.07	116.26	-90.00	-189.24	-10,862.31	7,362.80	7,178.91	183.89	40.039		
9,300.00	6,840.00	6,716.00	6,716.00	97.34	116.26	-90.00	-189.24	-10,862.31	7,267.89	7,083.03	184.86	39.316		
9,400.00	6,840.00	6,716.00	6,716.00	99.64	116.26	-90.00	-189.24	-10,862.31	7,173.13	6,987.27	185.86	38.595		
9,500.00	6,840.00	6,716.00	6,716.00	101.95	116.26	-90.00	-189.24	-10,862.31	7,078.50	6,891.62	186.89	37.876		
9,600.00	6,840.00	6,716.00	6,716.00	104.29	116.26	-90.00	-189.24	-10,862.31	6,984.03	6,796.09	187.95	37.160		
9,700.00	6,840.00	6,716.00	6,716.00	106.64	116.26	-90.00	-189.24	-10,862.31	6,889.72	6,700.68	189.04	36.446		
9,800.00	6,840.00	6,716.00	6,716.00	109.02	116.26	-90.00	-189.24	-10,862.31	6,795.56	6,605.39	190.17	35.734		
9,900.00	6,840.00	6,716.00	6,716.00	111.41	116.26	-90.00	-189.24	-10,862.31	6,701.58	6,510.24	191.33	35.026		
10,000.00	6,840.00	6,716.00	6,716.00	113.81	116.26	-90.00	-189.24	-10,862.31	6,607.77	6,415.23	192.54	34.320		
10,100.00	6,840.00	6,716.00	6,716.00	116.23	116.26	-90.00	-189.24	-10,862.31	6,514.14	6,320.37	193.78	33.617		
10,200.00	6,840.00	6,716.00	6,716.00	118.67	116.26	-90.00	-189.24	-10,862.31	6,420.71	6,225.65	195.06	32.917		
10,300.00	6,840.00	6,716.00	6,716.00	121.11	116.26	-90.00	-189.24	-10,862.31	6,327.48	6,131.10	196.38	32.220		
10,400.00	6,840.00	6,716.00	6,716.00	123.57	116.26	-90.00	-189.24	-10,862.31	6,234.46	6,036.71	197.75	31.528		
10,500.00	6,840.00	6,716.00	6,716.00	126.04	116.26	-90.00	-189.24	-10,862.31	6,141.66	5,942.50	199.16	30.838		
10,600.00	6,840.00	6,716.00	6,716.00	128.52	116.26	-90.00	-189.24	-10,862.31	6,049.08	5,848.47	200.61	30.153		
10,700.00	6,840.00	6,716.00	6,716.00	131.01	116.26	-90.00	-189.24	-10,862.31	5,956.75	5,754.63	202.12	29.471		
10,800.00	6,840.00	6,716.00	6,716.00	133.51	116.26	-90.00	-189.24	-10,862.31	5,864.67	5,660.99	203.68	28.794		
10,900.00	6,840.00	6,716.00	6,716.00	136.02	116.26	-90.00	-189.24	-10,862.31	5,772.85	5,567.57	205.28	28.121		
11,000.00	6,840.00	6,716.00	6,716.00	138.53	116.26	-90.00	-189.24	-10,862.31	5,681.31	5,474.37	206.95	27.453		
11,100.00	6,840.00	6,716.00	6,716.00	141.06	116.26	-90.00	-189.24	-10,862.31	5,590.06	5,381.40	208.67	26.790		
11,200.00	6,840.00	6,716.00	6,716.00	143.59	116.26	-90.00	-189.24	-10,862.31	5,499.11	5,288.67	210.44	26.131		
11,300.00	6,840.00	6,716.00	6,716.00	146.13	116.26	-90.00	-189.24	-10,862.31	5,408.49	5,196.20	212.28	25.478		
11,400.00	6,840.00	6,716.00	6,716.00	148.68	116.26	-90.00	-189.24	-10,862.31	5,318.19	5,104.01	214.18	24.830		
11,500.00	6,840.00	6,716.00	6,716.00	151.23	116.26	-90.00	-189.24	-10,862.31	5,228.26	5,012.10	216.15	24.188		
11,600.00	6,840.00	6,716.00	6,716.00	153.79	116.26	-90.00	-189.24	-10,862.31	5,138.69	4,920.50	218.19	23.552		
11,700.00	6,840.00	6,716.00	6,716.00	156.35	116.26	-90.00	-189.24	-10,862.31	5,049.52	4,829.22	220.30	22.921		
11,800.00	6,840.00	6,716.00	6,716.00	158.92	116.26	-90.00	-189.24	-10,862.31	4,960.75	4,738.27	222.48	22.298		
11,900.00	6,840.00	6,716.00	6,716.00	161.49	116.26	-90.00	-189.24	-10,862.31	4,872.43	4,647.69	224.74	21.680		
12,000.00	6,840.00	6,716.00	6,716.00	164.07	116.26	-90.00	-189.24	-10,862.31	4,784.56	4,557.48	227.08	21.070		
12,100.00	6,840.00	6,716.00	6,716.00	166.66	116.26	-90.00	-189.24	-10,862.31	4,697.18	4,467.68	229.50	20.467		
12,200.00	6,840.00	6,716.00	6,716.00	169.25	116.26	-90.00	-189.24	-10,862.31	4,610.31	4,378.30	232.01	19.871		
12,300.00	6,840.00	6,716.00	6,716.00	171.84	116.26	-90.00	-189.24	-10,862.31	4,523.99	4,289.37	234.61	19.283		
12,400.00	6,840.00	6,716.00	6,716.00	174.44	116.26	-90.00	-189.24	-10,862.31	4,438.23	4,200.93	237.31	18.703		
12,500.00	6,840.00	6,716.00	6,716.00	177.04	116.26	-90.00	-189.24	-10,862.31	4,353.09	4,112.99	240.09	18.131		
12,600.00	6,840.00	6,716.00	6,716.00	179.64	116.26	-90.00	-189.24	-10,862.31	4,268.59	4,025.61	242.98	17.567		
12,700.00	6,840.00	6,716.00	6,716.00	182.25	116.26	-90.00	-189.24	-10,862.31	4,184.77	3,938.80	245.98	17.013		
12,800.00	6,840.00	6,716.00	6,716.00	184.86	116.26	-90.00	-189.24	-10,862.31	4,101.68	3,852.60	249.08	16.467		
12,900.00	6,840.00	6,716.00	6,716.00	187.47	116.26	-90.00	-189.24	-10,862.31	4,019.36	3,767.07	252.29	15.932		
13,000.00	6,840.00	6,716.00	6,716.00	190.09	116.26	-90.00	-189.24	-10,862.31	3,937.86	3,682.25	255.61	15.406		
13,100.00	6,840.00	6,716.00	6,716.00	192.71	116.26	-90.00	-189.24	-10,862.31	3,857.23	3,598.18	259.05	14.890		
13,200.00	6,840.00	6,716.00	6,716.00	195.34	116.26	-90.00	-189.24	-10,862.31	3,777.52	3,514.91	262.62	14.384		
13,300.00	6,840.00	6,716.00	6,716.00	197.96	116.26	-90.00	-189.24	-10,862.31	3,698.81	3,432.51	266.30	13.890		
13,400.00	6,840.00	6,716.00	6,716.00	200.59	116.26	-90.00	-189.24	-10,862.31	3,621.14	3,351.03	270.11	13.406		
13,500.00	6,840.00	6,716.00	6,716.00	203.22	116.26	-90.00	-189.24	-10,862.31	3,544.59	3,270.55	274.04	12.935		
13,600.00	6,840.00	6,716.00	6,716.00	205.85	116.26	-90.00	-189.24	-10,862.31	3,469.23	3,191.13	278.10	12.475		
13,700.00	6,840.00	6,716.00	6,716.00	208.49	116.26	-90.00	-189.24	-10,862.31	3,395.15	3,112.86	282.29	12.027		
13,800.00	6,840.00	6,716.00	6,716.00	211.13	116.26	-90.00	-189.24	-10,862.31	3,322.43	3,035.83	286.60	11.593		
13,900.00	6,840.00	6,716.00	6,716.00	213.77	116.26	-90.00	-189.24	-10,862.31	3,251.15	2,960.11	291.04	11.171		
14,000.00	6,840.00	6,716.00	6,716.00	216.41	116.26	-90.00	-189.24	-10,862.31	3,181.43	2,885.82	295.60	10.763		
14,100.00	6,840.00	6,716.00	6,716.00	219.06	116.26	-90.00	-189.24	-10,862.31	3,113.35	2,813.07	300.28	10.368		
14,200.00	6,840.00	6,716.00	6,716.00	221.70	116.26	-90.00	-189.24	-10,862.31	3,047.03	2,741.97	305.06	9.988		
14,300.00	6,840.00	6,716.00	6,716.00	224.35	116.26	-90.00	-189.24	-10,862.31	2,982.60	2,672.65	309.95	9.623		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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-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		
14,400.00	6,840.00	6,716.00	6,716.00	227.00	116.26	-90.00	-189.24	-10,862.31	2,920.16	2,605.23	314.93	9.272		
14,500.00	6,840.00	6,716.00	6,716.00	229.65	116.26	-90.00	-189.24	-10,862.31	2,859.86	2,539.88	319.98	8.938		
14,600.00	6,840.00	6,716.00	6,716.00	232.30	116.26	-90.00	-189.24	-10,862.31	2,801.84	2,476.75	325.09	8.619		
14,700.00	6,840.00	6,716.00	6,716.00	234.96	116.26	-90.00	-189.24	-10,862.31	2,746.23	2,415.98	330.24	8.316		
14,800.00	6,840.00	6,716.00	6,716.00	237.61	116.26	-90.00	-189.24	-10,862.31	2,693.18	2,357.78	335.41	8.030		
14,900.00	6,840.00	6,716.00	6,716.00	240.27	116.26	-90.00	-189.24	-10,862.31	2,642.86	2,302.30	340.56	7.760		
15,000.00	6,840.00	6,716.00	6,716.00	242.93	116.26	-90.00	-189.24	-10,862.31	2,595.42	2,249.75	345.67	7.508		
15,100.00	6,840.00	6,716.00	6,716.00	245.59	116.26	-90.00	-189.24	-10,862.31	2,551.01	2,200.31	350.70	7.274		
15,200.00	6,840.00	6,716.00	6,716.00	248.25	116.26	-90.00	-189.24	-10,862.31	2,509.81	2,154.19	355.61	7.058		
15,300.00	6,840.00	6,716.00	6,716.00	250.92	116.26	-90.00	-189.24	-10,862.31	2,471.96	2,111.59	360.37	6.860		
15,400.00	6,840.00	6,716.00	6,716.00	253.58	116.26	-90.00	-189.24	-10,862.31	2,437.64	2,072.71	364.93	6.680		
15,500.00	6,840.00	6,716.00	6,716.00	256.25	116.26	-90.00	-189.24	-10,862.31	2,406.98	2,037.74	369.24	6.519		
15,600.00	6,840.00	6,716.00	6,716.00	258.91	116.26	-90.00	-189.24	-10,862.31	2,380.13	2,006.87	373.26	6.377		
15,700.00	6,840.00	6,716.00	6,716.00	261.58	116.26	-90.00	-189.24	-10,862.31	2,357.22	1,980.27	376.96	6.253		
15,800.00	6,840.00	6,716.00	6,716.00	264.25	116.26	-90.00	-189.24	-10,862.31	2,338.37	1,958.10	380.27	6.149		
15,900.00	6,840.00	6,716.00	6,716.00	266.92	116.26	-90.00	-189.24	-10,862.31	2,323.67	1,940.49	383.18	6.064		
16,000.00	6,840.00	6,716.00	6,716.00	269.59	116.26	-90.00	-189.24	-10,862.31	2,313.20	1,927.57	385.63	5.998		
16,100.00	6,840.00	6,716.00	6,716.00	272.26	116.26	-90.00	-189.24	-10,862.31	2,307.03	1,919.41	387.62	5.952		
16,192.64	6,840.00	6,716.00	6,716.00	274.74	116.26	-90.00	-189.24	-10,862.31	2,305.17	1,916.14	389.03	5.925 CC		
16,200.00	6,840.00	6,716.00	6,716.00	274.94	116.26	-90.00	-189.24	-10,862.31	2,305.18	1,916.06	389.12	5.924 ES		
16,300.00	6,840.00	6,716.00	6,716.00	277.61	116.26	-90.00	-189.24	-10,862.31	2,307.67	1,917.55	390.11	5.915 SF		
16,400.00	6,840.00	6,716.00	6,716.00	280.28	116.26	-90.00	-189.24	-10,862.31	2,314.47	1,923.87	390.60	5.925		
16,500.00	6,840.00	6,716.00	6,716.00	282.96	116.26	-90.00	-189.24	-10,862.31	2,325.57	1,934.97	390.60	5.954		
16,600.00	6,840.00	6,716.00	6,716.00	285.64	116.26	-90.00	-189.24	-10,862.31	2,340.88	1,950.78	390.11	6.001		
16,700.00	6,840.00	6,716.00	6,716.00	288.31	116.26	-90.00	-189.24	-10,862.31	2,360.34	1,971.18	389.16	6.065		
16,800.00	6,840.00	6,716.00	6,716.00	290.99	116.26	-90.00	-189.24	-10,862.31	2,383.84	1,996.07	387.77	6.148		
16,900.00	6,840.00	6,716.00	6,716.00	293.67	116.26	-90.00	-189.24	-10,862.31	2,411.26	2,025.27	385.98	6.247		
17,000.00	6,840.00	6,716.00	6,716.00	296.35	116.26	-90.00	-189.24	-10,862.31	2,442.46	2,058.63	383.83	6.363		
17,100.00	6,840.00	6,716.00	6,716.00	299.03	116.26	-90.00	-189.24	-10,862.31	2,477.32	2,095.97	381.35	6.496		
17,200.00	6,840.00	6,716.00	6,716.00	301.71	116.26	-90.00	-189.24	-10,862.31	2,515.66	2,137.08	378.58	6.645		
17,300.00	6,840.00	6,716.00	6,716.00	304.39	116.26	-90.00	-189.24	-10,862.31	2,557.35	2,181.78	375.57	6.809		
17,400.00	6,840.00	6,716.00	6,716.00	307.08	116.26	-90.00	-189.24	-10,862.31	2,602.21	2,229.86	372.36	6.989		
17,500.00	6,840.00	6,716.00	6,716.00	309.76	116.26	-90.00	-189.24	-10,862.31	2,650.09	2,281.12	368.97	7.182		
17,600.00	6,840.00	6,716.00	6,716.00	312.44	116.26	-90.00	-189.24	-10,862.31	2,700.83	2,335.38	365.45	7.390		
17,700.00	6,840.00	6,716.00	6,716.00	315.13	116.26	-90.00	-189.24	-10,862.31	2,754.26	2,392.43	361.83	7.612		
17,800.00	6,840.00	6,716.00	6,716.00	317.81	116.26	-90.00	-189.24	-10,862.31	2,810.23	2,452.10	358.13	7.847		
17,900.00	6,840.00	6,716.00	6,716.00	320.50	116.26	-90.00	-189.24	-10,862.31	2,868.60	2,514.21	354.39	8.094		
18,000.00	6,840.00	6,716.00	6,716.00	323.19	116.26	-90.00	-189.24	-10,862.31	2,929.22	2,578.60	350.63	8.354		
18,100.00	6,840.00	6,716.00	6,716.00	325.87	116.26	-90.00	-189.24	-10,862.31	2,991.96	2,645.10	346.86	8.626		
18,200.00	6,840.00	6,716.00	6,716.00	328.56	116.26	-90.00	-189.24	-10,862.31	3,056.68	2,713.57	343.11	8.909		
18,300.00	6,840.00	6,716.00	6,716.00	331.25	116.26	-90.00	-189.24	-10,862.31	3,123.26	2,783.87	339.39	9.203		
18,400.00	6,840.00	6,716.00	6,716.00	333.94	116.26	-90.00	-189.24	-10,862.31	3,191.59	2,855.87	335.71	9.507		
18,500.00	6,840.00	6,716.00	6,716.00	336.63	116.26	-90.00	-189.24	-10,862.31	3,261.55	2,929.46	332.09	9.821		
18,600.00	6,840.00	6,716.00	6,716.00	339.32	116.26	-90.00	-189.24	-10,862.31	3,333.04	3,004.51	328.53	10.145		
18,700.00	6,840.00	6,716.00	6,716.00	342.01	116.26	-90.00	-189.24	-10,862.31	3,405.97	3,080.94	325.04	10.479		
18,800.00	6,840.00	6,716.00	6,716.00	344.70	116.26	-90.00	-189.24	-10,862.31	3,480.25	3,158.63	321.62	10.821		
18,900.00	6,840.00	6,716.00	6,716.00	347.39	116.26	-90.00	-189.24	-10,862.31	3,555.78	3,237.51	318.28	11.172		
19,000.00	6,840.00	6,716.00	6,716.00	350.08	116.26	-90.00	-189.24	-10,862.31	3,632.50	3,317.48	315.02	11.531		
19,100.00	6,840.00	6,716.00	6,716.00	352.77	116.26	-90.00	-189.24	-10,862.31	3,710.33	3,398.49	311.84	11.898		
19,200.00	6,840.00	6,716.00	6,716.00	355.46	116.26	-90.00	-189.24	-10,862.31	3,789.20	3,480.45	308.75	12.273		
19,300.00	6,840.00	6,716.00	6,716.00	358.16	116.26	-90.00	-189.24	-10,862.31	3,869.04	3,563.30	305.74	12.655		
19,400.00	6,840.00	6,716.00	6,716.00	360.85	116.26	-90.00	-189.24	-10,862.31	3,949.80	3,646.99	302.82	13.044		

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

Anticollision Report

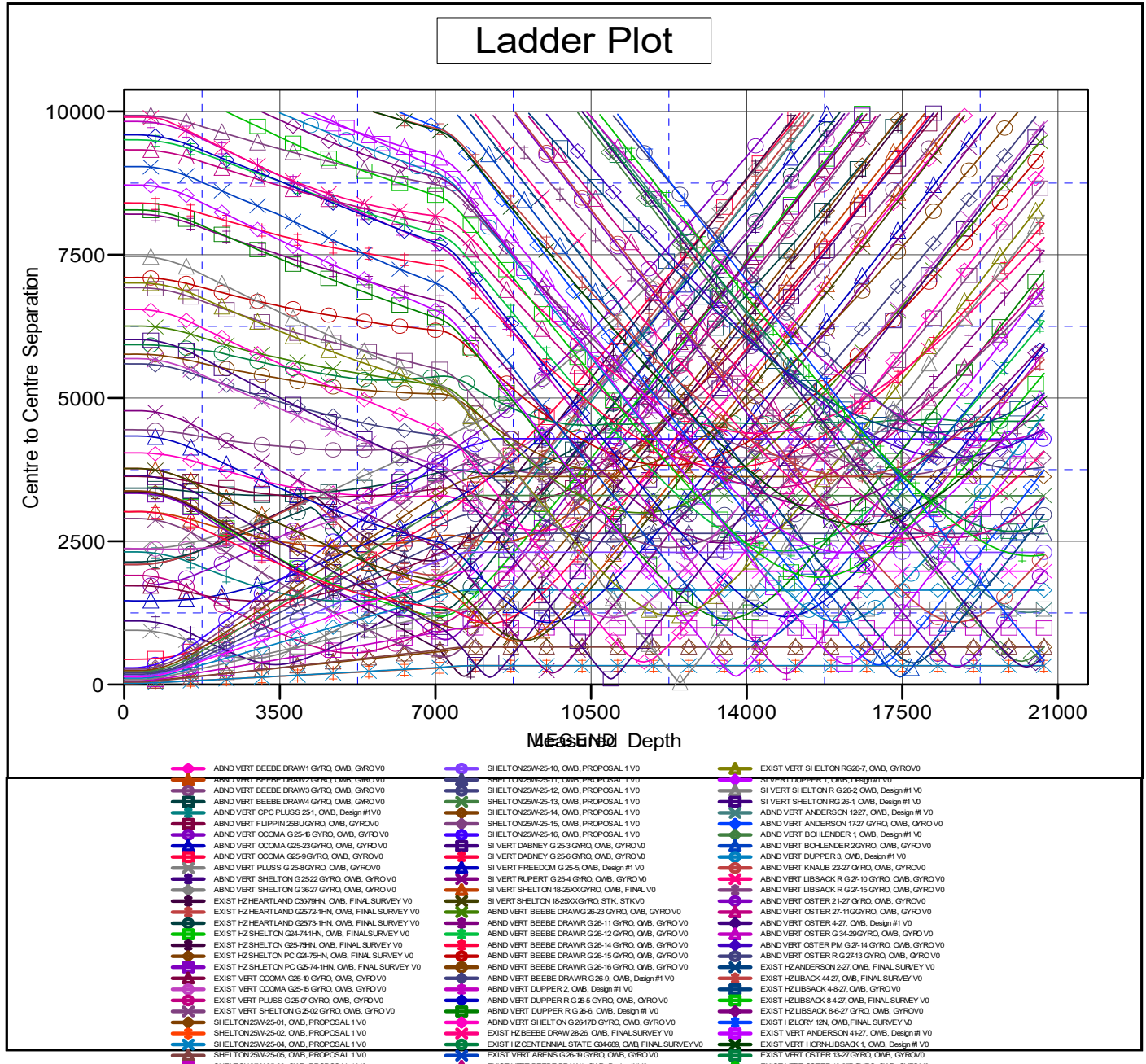
Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	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		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
19,500.00	6,840.00	6,716.00	6,716.00	363.54	116.26	-90.00	-189.24	-10,862.31	4,031.43	3,731.45	299.98	13.439	
19,600.00	6,840.00	6,716.00	6,716.00	366.24	116.26	-90.00	-189.24	-10,862.31	4,113.87	3,816.65	297.22	13.841	
19,700.00	6,840.00	6,716.00	6,716.00	368.93	116.26	-90.00	-189.24	-10,862.31	4,197.07	3,902.52	294.54	14.249	
19,800.00	6,840.00	6,716.00	6,716.00	371.63	116.26	-90.00	-189.24	-10,862.31	4,280.99	3,989.04	291.95	14.663	
19,900.00	6,840.00	6,716.00	6,716.00	374.32	116.26	-90.00	-189.24	-10,862.31	4,365.58	4,076.15	289.43	15.083	
20,000.00	6,840.00	6,716.00	6,716.00	377.02	116.26	-90.00	-189.24	-10,862.31	4,450.82	4,163.83	286.99	15.509	
20,100.00	6,840.00	6,716.00	6,716.00	379.71	116.26	-90.00	-189.24	-10,862.31	4,536.66	4,252.03	284.63	15.939	
20,200.00	6,840.00	6,716.00	6,716.00	382.41	116.26	-90.00	-189.24	-10,862.31	4,623.06	4,340.73	282.33	16.375	
20,300.00	6,840.00	6,716.00	6,716.00	385.11	116.26	-90.00	-189.24	-10,862.31	4,710.01	4,429.90	280.11	16.815	
20,400.00	6,840.00	6,716.00	6,716.00	387.80	116.26	-90.00	-189.24	-10,862.31	4,797.47	4,519.51	277.96	17.260	
20,500.00	6,840.00	6,716.00	6,716.00	390.50	116.26	-90.00	-189.24	-10,862.31	4,885.40	4,609.53	275.87	17.709	
20,600.00	6,840.00	6,716.00	6,716.00	393.20	116.26	-90.00	-189.24	-10,862.31	4,973.79	4,699.95	273.84	18.163	
20,691.67	6,840.00	6,716.00	6,716.00	395.67	116.26	-90.00	-189.24	-10,862.31	5,055.20	4,783.16	272.04	18.582	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-03
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-03	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Coordinates are relative to: SHELTON 25W-25-03
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

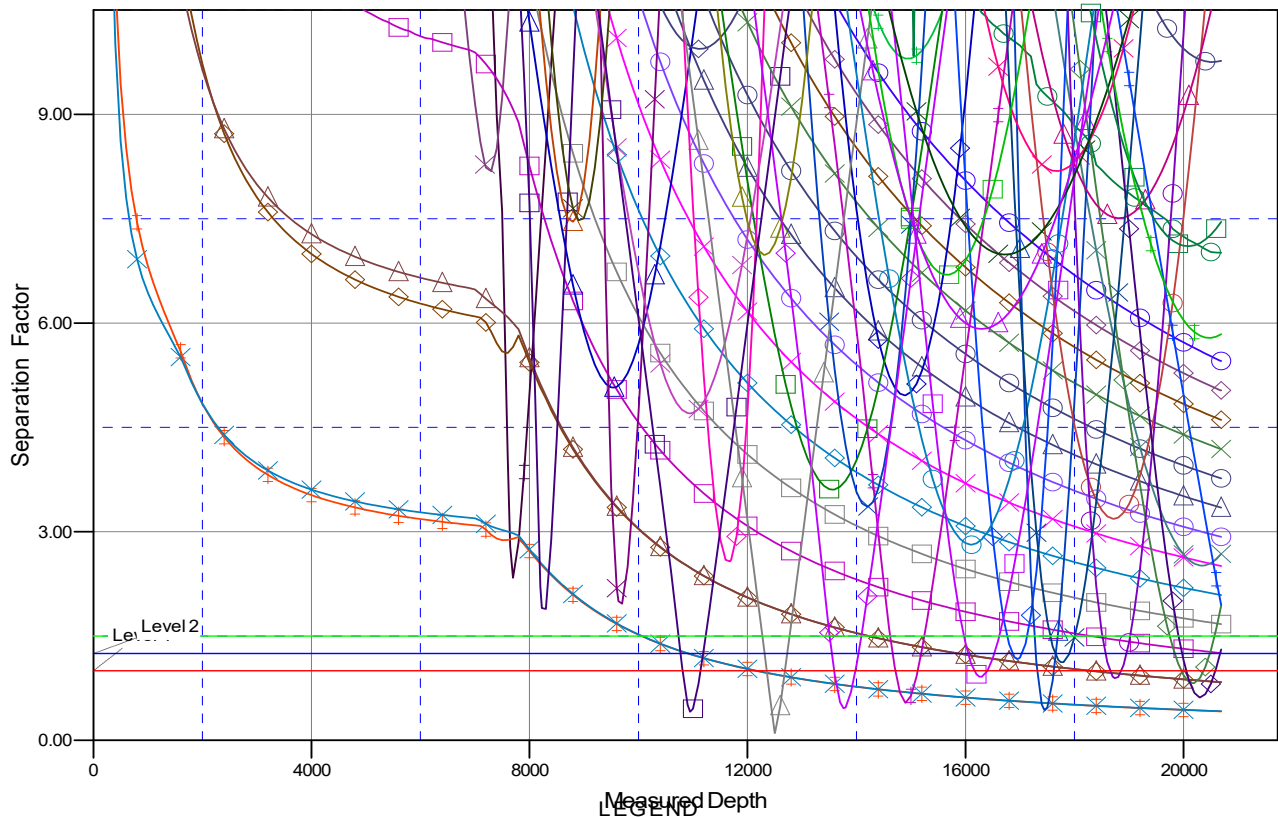
Company: CRESTONE PEAK RESOURCES
Project: WELD COUNTY
Reference Site: SEC 25-T4N-R65W
Site Error: 0.00 usft
Reference Well: SHELTON 25W-25-03
Well Error: 0.00 usft
Reference Wellbore: OWB
Reference Design: PROPOSAL 1

Local Co-ordinate Reference: Well SHELTON 25W-25-03
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-25-03
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.58°

Separation Factor Plot



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| <ul style="list-style-type: none"> ABND VERT BEEBE DRAW1 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAW2 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAW3 GYRO, OMB, GYRO V0 ABND VERT GPC PLUS5 251, OMB, Design #1 V0 ABND VERT FLUPIN 25UG GYRO, OMB, GYRO V0 ABND VERT OOCMA G25-16 GYRO, OMB, GYRO V0 ABND VERT OOCMA G25-23 GYRO, OMB, GYRO V0 ABND VERT OOCMA G25-9 GYRO, OMB, GYRO V0 ABND VERT PLUS5 G25-50 GYRO, OMB, GYRO V0 ABND VERT SHELTON G2522 GYRO, OMB, GYRO V0 ABND VERT SHELTON G2627 GYRO, OMB, GYRO V0 EXIST HZ HEARTLAND C3079HN, OMB, FINAL SURVEY V0 EXIST HZ HEARTLAND G2572-1HN, OMB, FINAL SURVEY V0 EXIST HZ HEARTLAND G2573-1HN, OMB, FINAL SURVEY V0 EXIST HZ SHELTON G2474HN, OMB, FINAL SURVEY V0 EXIST HZ SHELTON G2579HN, OMB, FINAL SURVEY V0 EXIST HZ SHELTON PC G25-74-1HN, OMB, FINAL SURVEY V0 EXIST VERT OOCMA G25-1 GYRO, OMB, GYRO V0 EXIST VERT OOCMA G25-15 GYRO, OMB, GYRO V0 EXIST VERT PLUS5 G25-7 GYRO, OMB, GYRO V0 EXIST VERT SHELTON G26-02 GYRO, OMB, GYRO V0 SHELTON25W-25-01, OMB, PROPOSAL 1 V0 SHELTON25W-25-02, OMB, PROPOSAL 1 V0 SHELTON25W-25-04, OMB, PROPOSAL 1 V0 SHELTON25W-25-05, OMB, PROPOSAL 1 V0 | <ul style="list-style-type: none"> SHELTON25W-25-10, OMB, PROPOSAL 1 V0 SHELTON25W-25-12, OMB, PROPOSAL 1 V0 SHELTON25W-25-13, OMB, PROPOSAL 1 V0 SHELTON25W-25-14, OMB, PROPOSAL 1 V0 SHELTON25W-25-15, OMB, PROPOSAL 1 V0 SHELTON25W-25-16, OMB, PROPOSAL 1 V0 SI VERT DABNEY G25-3 GYRO, OMB, GYRO V0 SI VERT DABNEY G25-6 GYRO, OMB, GYRO V0 SI VERT FREEDOM G25-5, OMB, Design #1 V0 SI VERT RUPERT G25-4 GYRO, OMB, GYRO V0 SI VERT SHELTON 18-26X GYRO, OMB, FINAL V0 SI VERT SHELTON 18-26X GYRO, STK, STK V0 ABND VERT BEEBE DRAWG25-23 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-11 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-12 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-14 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-15 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-16 GYRO, OMB, GYRO V0 ABND VERT BEEBE DRAWR G25-9, OMB, Design #1 V0 ABND VERT DUPPER 2, OMB, Design #1 V0 ABND VERT DUPPER R G25-5 GYRO, OMB, GYRO V0 ABND VERT DUPPER R G26-4, OMB, Design #1 V0 ABND VERT SHELTON G26-10 GYRO, OMB, GYRO V0 EXIST HZ BEEBE DRAW26-26, OMB, FINAL SURVEY V0 EXIST HZ CENTENNIAL STATE G34-68, OMB, FINAL SURVEY V0 EXIST VERT ARENS G26-8 GYRO, OMB, GYRO V0 | <ul style="list-style-type: none"> EXIST VERT SHELTON R26-7, OMB, GYRO V0 SI VERT DUPPER 1, OMB, Design #1 V0 SI VERT SHELTON R G26-2, OMB, Design #1 V0 SI VERT SHELTON R26-1, OMB, Design #1 V0 ABND VERT ANDERSON 1227, OMB, Design #1 V0 ABND VERT ANDERSON 1227 GYRO, OMB, GYRO V0 ABND VERT BOHLENDER 1, OMB, Design #1 V0 ABND VERT BOHLENDER 2 GYRO, OMB, GYRO V0 ABND VERT DUPPER 3, OMB, Design #1 V0 ABND VERT KNAUB 22-27 GYRO, OMB, GYRO V0 ABND VERT LUBSACK R G2-14 GYRO, OMB, GYRO V0 ABND VERT LUBSACK R G2-15 GYRO, OMB, GYRO V0 ABND VERT OSTER 21-27 GYRO, OMB, GYRO V0 ABND VERT OSTER 27-11 GYRO, OMB, GYRO V0 ABND VERT OSTER 4-27, OMB, Design #1 V0 ABND VERT OSTER G34-26 GYRO, OMB, GYRO V0 ABND VERT OSTER PM G2-14 GYRO, OMB, GYRO V0 ABND VERT OSTER R G22-13 GYRO, OMB, GYRO V0 EXIST HZ ANDERSON 227, OMB, FINAL SURVEY V0 EXIST HZ LUBSACK 44-27, OMB, FINAL SURVEY V0 EXIST HZ LUBSACK 48-27, OMB, GYRO V0 EXIST HZ LUBSACK 84-27, OMB, FINAL SURVEY V0 EXIST HZ LUBSACK 84-27 GYRO, OMB, GYRO V0 EXIST HZ LUBSACK 84-27 GYRO, OMB, GYRO V0 EXIST HZ LUBSACK 124, OMB, FINAL SURVEY V0 EXIST VERT ANDERSON 4127, OMB, Design #1 V0 EXIST VERT HORH LUBSACK 1, OMB, Design #1 V0 EXIST VERT OSTER 13-27 GYRO, OMB, GYRO V0 |
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CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation