

CRESTONE PEAK RESOURCES

**WELD COUNTY
SEC 25-T4N-R65W
SHELTON 25W-25-04**

**OWB
PROPOSAL 1**

Anticollision Report

28 September, 2022

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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	20,609.76	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	9,262.95	6,793.90	2,358.27	2,264.88	25.250	CC
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,300.00	6,793.88	2,358.56	2,264.69	25.126	ES
ABND VERT BEEBE DRAW 1 GYRO - OWB - GYRO	9,700.00	6,793.69	2,398.43	2,300.68	24.537	SF
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,273.30	6,719.57	2,153.23	2,083.88	31.046	CC
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,300.00	6,719.53	2,153.40	2,083.78	30.930	ES
ABND VERT BEEBE DRAW 2 GYRO - OWB - GYRO	8,700.00	6,718.84	2,195.10	2,122.34	30.167	SF
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,400.17	6,854.75	3,347.55	3,249.83	34.259	CC
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	9,500.00	6,860.41	3,349.03	3,249.65	33.699	ES
ABND VERT BEEBE DRAW 3 GYRO - OWB - GYRO	10,400.00	6,909.39	3,493.14	3,382.28	31.508	SF
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	3,727.32	3,431.24	3,196.00	3,170.06	123.231	CC
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	4,400.00	4,142.33	3,199.92	3,168.08	100.505	ES
ABND VERT BEEBE DRAW 4 GYRO - OWB - GYRO	9,500.00	6,873.02	3,595.31	3,510.99	42.643	SF
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	5,012.52	4,635.89	1,613.36	1,497.66	13.944	CC
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	5,200.00	4,805.74	1,615.31	1,495.08	13.435	ES
ABND VERT CPC PLUSS 25-1 - OWB - Design #1	7,000.00	6,436.40	1,819.67	1,659.84	11.385	SF
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	8,731.57	6,762.53	2,855.50	2,775.21	35.564	CC
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	8,800.00	6,765.42	2,856.32	2,775.06	35.149	ES
ABND VERT FLIPPIN 25BU GYRO - OWB - GYRO	9,600.00	6,911.97	2,984.16	2,893.85	33.044	SF
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	413.23	397.67	1,703.63	1,702.01	1,049.939	CC, ES
ABND VERT OCOMA G 25-16 GYRO - OWB - GYRO	8,400.00	6,906.61	4,457.12	4,412.95	100.906	SF
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	1,154.46	1,111.24	1,442.62	1,434.62	180.173	CC
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	1,300.00	1,251.04	1,443.12	1,433.84	155.457	ES
ABND VERT OCOMA G25-23 GYRO - OWB - GYRO	5,600.00	5,217.12	2,287.84	2,238.58	46.446	SF
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	100.00	74.31	420.70	420.49	1,964.712	CC, ES
ABND VERT OCOMA G25-9 GYRO - OWB - GYRO	2,100.00	2,000.32	696.46	686.69	71.261	SF
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	2,964.95	2,763.85	543.51	524.29	28.285	CC
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,000.00	2,795.18	543.72	524.20	27.864	ES
ABND VERT PLUSS G 25-8 GYRO - OWB - GYRO	3,400.00	3,160.40	572.67	550.39	25.707	SF
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,687.87	3,417.77	242.77	217.21	9.496	CC
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,700.00	3,429.07	242.82	217.13	9.454	ES
ABND VERT SHELTON G 25-22 GYRO - OWB - GYRO	3,800.00	3,521.90	246.58	220.17	9.337	SF
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	388.05	353.05	2,347.79	2,346.31	1,589.393	CC
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	400.00	364.61	2,347.79	2,346.26	1,536.670	ES
ABND VERT SHELTON G 36-27 GYRO - OWB - GYRO	9,400.00	6,803.56	5,075.64	5,014.02	82.374	SF
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	0.00	0.00	2,073.51			
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	6,900.00	10,391.64	2,163.73	2,057.45	20.358	ES
EXIST HZ HEARTLAND C30-79HN - OWB - FINAL SUR	7,100.00	10,433.46	2,185.62	2,075.73	19.888	SF

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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 G25-72-1HN - OWB - FINAL SU	6,887.72	10,310.26	1,903.25	1,799.54	18.352	CC
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	6,900.00	10,312.99	1,903.28	1,799.30	18.304	ES
EXIST HZ HEARTLAND G25-72-1HN - OWB - FINAL SU	7,100.00	10,356.40	1,921.00	1,813.07	17.798	SF
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,054.20	10,551.46	1,337.45	1,224.86	11.879	CC
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,100.00	10,571.57	1,338.80	1,224.52	11.715	ES
EXIST HZ HEARTLAND G25-73-1HN - OWB - FINAL SU	7,200.00	10,598.06	1,360.56	1,243.34	11.607	SF
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,046.26	6,420.55	1,469.99	1,394.39	19.446	CC, ES
EXIST HZ SHELTON G24-74-1HN - OWB - FINAL SURV	7,300.00	6,483.00	1,508.87	1,430.06	19.145	SF
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,559.80	7,463.44	225.98	187.20	5.827	CC
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,600.00	7,458.73	230.84	184.07	4.935	ES
EXIST HZ SHELTON G25-75HN - OWB - FINAL SURVE	7,700.00	7,450.17	279.29	217.80	4.542	SF
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,513.57	6,456.14	1,282.40	1,210.14	17.745	CC
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	7,600.00	6,465.89	1,285.36	1,210.09	17.077	ES
EXIST HZ SHELTON PC G24-75HN - OWB - FINAL SUR	8,000.00	6,467.46	1,372.99	1,285.13	15.627	SF
EXIST HZ SHLETON PC G25-74-1HN - OWB - FINAL S	7,150.74	7,930.64	795.14	732.61	12.715	CC, ES
EXIST HZ SHELTON PC G25-74-1HN - OWB - FINAL S	7,300.00	7,869.90	825.96	757.62	12.086	SF
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	3,548.29	3,291.58	1,359.32	1,334.94	55.760	CC
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	3,600.00	3,340.32	1,359.46	1,334.62	54.736	ES
EXIST VERT OCOMA G25-10 GYRO - OWB - GYRO	5,600.00	5,176.42	1,603.77	1,565.38	41.777	SF
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	1,588.17	1,523.80	2,332.65	2,324.91	301.441	CC
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	1,700.00	1,627.40	2,333.05	2,324.44	271.037	ES
EXIST VERT OCOMA G25-15 GYRO - OWB - GYRO	8,900.00	6,796.72	3,880.84	3,819.18	62.934	SF
EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO	5,524.96	5,078.53	385.07	343.38	9.237	CC, ES
EXIST VERT PLUSS G 25-07 GYRO - OWB - GYRO	5,600.00	5,146.40	386.35	344.07	9.138	SF
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,174.21	6,568.15	762.94	708.06	13.902	CC
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,200.00	6,589.63	763.36	707.95	13.776	ES
EXIST VERT SHELTON G 25-02 GYRO - OWB - GYRO	7,400.00	6,732.78	799.30	739.61	13.390	SF
SHELTON 25W-25-01 - OWB - PROPOSAL 1	100.00	100.00	67.39	67.12	250.664	CC, ES
SHELTON 25W-25-01 - OWB - PROPOSAL 1	20,609.76	20,884.27	988.71	200.17	1.254	Level 3, SF
SHELTON 25W-25-02 - OWB - PROPOSAL 1	200.00	200.00	45.17	44.19	45.825	CC
SHELTON 25W-25-02 - OWB - PROPOSAL 1	20,609.76	20,781.90	659.02	-129.57	0.836	Level 1, ES, SF
SHELTON 25W-25-03 - OWB - PROPOSAL 1	300.00	300.00	22.95	21.25	13.479	CC
SHELTON 25W-25-03 - OWB - PROPOSAL 1	20,609.76	20,690.15	330.06	-458.58	0.419	Level 1, ES, SF
SHELTON 25W-25-05 - OWB - PROPOSAL 1	400.00	400.00	22.59	20.17	9.335	CC
SHELTON 25W-25-05 - OWB - PROPOSAL 1	20,609.76	20,541.21	329.69	-459.01	0.418	Level 1, ES, SF
SHELTON 25W-25-06 - OWB - PROPOSAL 1	400.00	400.00	44.45	42.03	18.368	CC
SHELTON 25W-25-06 - OWB - PROPOSAL 1	20,609.76	20,485.25	659.38	-129.36	0.836	Level 1, ES, SF
SHELTON 25W-25-07 - OWB - PROPOSAL 1	400.00	401.00	67.03	64.61	27.662	CC, ES
SHELTON 25W-25-07 - OWB - PROPOSAL 1	20,608.51	20,441.81	988.35	199.62	1.253	Level 3, SF
SHELTON 25W-25-08 - OWB - PROPOSAL 1	400.00	401.00	89.99	87.56	37.135	CC, ES
SHELTON 25W-25-08 - OWB - PROPOSAL 1	20,609.76	20,415.15	1,318.40	529.58	1.671	SF
SHELTON 25W-25-09 - OWB - PROPOSAL 1	400.00	401.00	112.57	110.15	46.454	CC, ES
SHELTON 25W-25-09 - OWB - PROPOSAL 1	20,609.76	20,409.50	1,648.09	859.02	2.089	SF
SHELTON 25W-25-10 - OWB - PROPOSAL 1	400.00	402.00	134.43	132.00	55.392	CC, ES
SHELTON 25W-25-10 - OWB - PROPOSAL 1	20,605.59	20,395.36	1,977.79	1,189.33	2.508	SF
SHELTON 25W-25-11 - OWB - PROPOSAL 1	400.00	401.00	157.38	154.96	64.945	CC, ES
SHELTON 25W-25-11 - OWB - PROPOSAL 1	20,605.48	20,401.77	2,306.75	1,518.69	2.927	SF
SHELTON 25W-25-12 - OWB - PROPOSAL 1	400.00	401.00	179.97	177.54	74.266	CC, ES
SHELTON 25W-25-12 - OWB - PROPOSAL 1	20,609.76	20,415.30	2,636.83	1,849.37	3.349	SF
SHELTON 25W-25-13 - OWB - PROPOSAL 1	400.00	401.00	202.55	200.13	83.587	CC, ES
SHELTON 25W-25-13 - OWB - PROPOSAL 1	20,609.76	20,442.82	2,966.53	2,179.64	3.770	SF
SHELTON 25W-25-14 - OWB - PROPOSAL 1	400.00	399.00	224.41	222.00	92.882	CC, ES
SHELTON 25W-25-14 - OWB - PROPOSAL 1	20,601.75	20,499.94	3,296.18	2,509.62	4.191	SF

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

Anticollision Report

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Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
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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						
SHELTON 25W-25-15 - OWB - PROPOSAL 1	300.00	299.00	247.36	245.66	145.580	CC, ES
SHELTON 25W-25-15 - OWB - PROPOSAL 1	20,609.76	20,552.28	3,625.19	2,839.07	4.612	SF
SHELTON 25W-25-16 - OWB - PROPOSAL 1	100.00	100.00	269.95	269.68	1,004.074	CC, ES
SHELTON 25W-25-16 - OWB - PROPOSAL 1	20,609.76	20,616.38	3,954.89	3,169.27	5.034	SF
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,147.11	6,773.05	457.75	390.86	6.844	CC
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,200.00	6,772.39	460.79	389.95	6.505	ES
SI VERT DABNEY G 25-3 GYRO - OWB - GYRO	8,300.00	6,771.12	482.60	406.42	6.335	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,100.00	6,760.16	739.49	672.10	10.972	SF
SI VERT DABNEY G 25-6 GYRO - OWB - GYRO	8,146.79	6,758.86	738.01	671.16	11.040	CC, ES
SI VERT FREEDOM G 25-5 - OWB - Design #1	9,476.94	6,752.00	755.73	541.82	3.533	CC, ES, SF
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,553.68	6,775.06	532.76	431.61	5.267	CC
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,600.00	6,775.33	534.77	430.42	5.125	ES
SI VERT RUPERT G 25-4 GYRO - OWB - GYRO	9,700.00	6,775.92	552.48	443.68	5.078	SF
SI VERT SHELTON 18-25XX GYRO - OWB - FINAL	8,700.00	6,759.08	433.63	330.63	4.210	SF
SI VERT SHELTON 18-25XX GYRO - OWB - FINAL	8,764.65	6,754.85	428.80	327.87	4.249	CC, ES
SI VERT SHELTON 18-25XX GYRO - STK - STK	8,900.00	6,734.44	439.61	336.74	4.273	ES, SF
SI VERT SHELTON 18-25XX GYRO - STK - STK	8,916.39	6,735.27	439.30	337.00	4.294	CC

Anticollision Report

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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 26-T4N-R65W						
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,533.79	6,772.44	2,668.22	2,516.18	17.550	CC
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,600.00	6,771.84	2,669.04	2,515.99	17.440	ES
ABND VERT BEEBE DRAW G 26-23 GYRO - OWB - GY	11,900.00	6,769.05	2,693.23	2,536.73	17.209	SF
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,451.88	6,702.82	2,139.44	1,936.47	10.540	CC
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,500.00	6,702.69	2,139.99	1,936.40	10.512	ES
ABND VERT BEEBE DRAW R G 26-11 GYRO - OWB -	13,600.00	6,702.41	2,144.57	1,940.04	10.486	SF
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,712.04	6,703.10	2,002.21	1,765.18	8.447	CC, ES
ABND VERT BEEBE DRAW R G 26-12 GYRO - OWB -	14,800.00	6,702.36	2,004.14	1,766.21	8.423	SF
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,512.58	6,695.25	3,457.70	3,253.21	16.908	CC
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	13,600.00	6,695.13	3,458.81	3,252.74	16.785	ES
ABND VERT BEEBE DRAW R G 26-14 GYRO - OWB -	14,100.00	6,694.47	3,507.25	3,294.69	16.500	SF
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,128.60	6,710.90	3,496.68	3,328.99	20.852	CC
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,200.00	6,710.31	3,497.41	3,328.44	20.698	ES
ABND VERT BEEBE DRAW R G 26-15 GYRO - OWB -	12,800.00	6,706.61	3,560.55	3,383.48	20.108	SF
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,753.46	6,753.73	3,402.54	3,270.93	25.854	CC
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	10,800.00	6,754.01	3,402.86	3,270.43	25.696	ES
ABND VERT BEEBE DRAW R G 26-16 GYRO - OWB -	11,500.00	6,758.29	3,483.47	3,341.58	24.550	SF
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	10,832.63	6,754.00	2,157.78	1,908.96	8.672	CC, ES
ABND VERT BEEBE DRAW R G 26-9 - OWB - Design #	11,000.00	6,754.00	2,164.26	1,913.63	8.635	SF
ABND VERT DUPPER 2 - OWB - Design #1	14,813.65	6,704.00	521.90	168.02	1.475	Level 3, CC, ES, SF
ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO	14,800.00	6,693.59	856.51	617.30	3.581	ES, SF
ABND VERT DUPPER R G 26-5 GYRO - OWB - GYRO	14,804.25	6,693.59	856.50	617.31	3.581	CC
ABND VERT DUPPER R G 26-6 - OWB - Design #1	13,483.08	6,709.00	817.05	498.79	2.567	CC, ES, SF
ABND VERT SHELTON G 26-17D GYRO - OWB - GYRO	11,599.16	6,719.68	65.50	-88.25	0.426	Level 1, CC, ES, SF
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,157.09	6,826.14	4,052.84	3,804.73	16.335	CC
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,200.00	6,826.15	4,053.07	3,804.15	16.283	ES
EXIST HZ BEEBE DRAW 2-8-26 - OWB - FINAL SURVE	14,800.00	6,826.36	4,103.52	3,846.00	15.935	SF
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	10,328.10	6,610.00	4,196.12	4,054.64	29.658	CC
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,400.00	16,730.00	4,273.95	3,618.54	6.521	ES
EXIST HZ CENTENNIAL STATE G34-689 - OWB - FINA	20,500.00	16,730.00	4,278.30	3,621.52	6.514	SF
EXIST VERT ARENS G 26-19 GYRO - OWB - GYRO	14,132.83	6,706.67	414.40	192.92	1.871	CC, ES, SF
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,481.93	6,715.00	3,107.10	2,854.31	12.291	CC
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,500.00	6,715.00	3,107.15	2,854.04	12.276	ES
EXIST VERT BEEBE DRAW 1 - OWB - Design #1	14,800.00	6,715.00	3,123.34	2,866.04	12.139	SF
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	14,997.35	6,723.00	3,650.88	3,291.74	10.166	CC
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,100.00	6,723.00	3,652.32	3,291.30	10.117	ES
EXIST VERT BEEBE DRAW 14-26 - OWB - Design #1	15,400.00	6,723.00	3,673.02	3,307.59	10.051	SF
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,191.54	6,695.90	2,064.10	1,894.83	12.194	CC
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,200.00	6,695.83	2,064.12	1,894.74	12.186	ES
EXIST VERT BEEBE DRAW R G 26-10 GYRO - OWB -	12,400.00	6,694.04	2,074.60	1,903.46	12.122	SF
EXIST VERT SHELTON R G 26-8 - OWB - Design #1	10,868.77	6,731.00	842.78	593.42	3.380	CC, ES, SF
EXIST VERT SHELTON RG 26-7 - OWB - GYRO	12,241.25	6,711.82	862.10	691.36	5.049	CC, ES, SF
SI VERT DUPPER 1 - OWB - Design #1	13,680.81	6,704.00	479.08	155.60	1.481	Level 3, CC
SI VERT DUPPER 1 - OWB - Design #1	13,700.00	6,704.00	479.46	154.51	1.475	Level 3, ES, SF
SI VERT SHELTON R G 26-2 - OWB - Design #1	12,422.12	6,704.00	360.33	70.43	1.243	Level 2, CC, ES, SF
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,868.48	6,725.00	432.30	183.06	1.734	CC
SI VERT SHELTON RG 26-1 - OWB - Design #1	10,900.00	6,725.00	433.44	181.66	1.722	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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						
ABND VERT ANDERSON 12-27 - OWB - Design #1	20,258.63	6,769.00	930.58	428.58	1.854	CC, ES, SF
ABND VERT ANDERSON 17-27 GYRO - OWB - GYRO	16,884.77	6,721.09	15.33	-279.85	0.052	Level 1, CC, ES, SF
ABND VERT BOHLENDER 1 - OWB - Design #1	20,096.13	6,759.00	78.22	-419.21	0.157	Level 1, CC, ES, SF
ABND VERT BOHLENDER 2 GYRO - OWB - GYRO	17,369.15	6,736.40	463.64	155.21	1.503	CC
ABND VERT BOHLENDER 2 GYRO - OWB - GYRO	17,400.00	6,735.91	464.67	154.25	1.497	Level 3, ES, SF
ABND VERT DUPPER 3 - OWB - Design #1	16,027.76	6,713.00	757.99	371.29	1.960	CC, ES, SF
ABND VERT KNAUB 22-27 GYRO - OWB - GYRO	18,641.29	6,729.53	762.06	419.21	2.223	CC, ES, SF
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,441.90	6,718.56	2,217.90	1,907.67	7.149	CC, ES
ABND VERT LIBSACK R G 27-10 GYRO - OWB - GYRO	17,600.00	6,719.54	2,223.53	1,911.78	7.132	SF
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,449.86	6,716.18	3,332.40	3,021.55	10.721	CC
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,500.00	6,715.66	3,332.77	3,021.03	10.691	ES
ABND VERT LIBSACK R G 27-15 GYRO - OWB - GYRO	17,800.00	6,713.89	3,350.74	3,035.04	10.614	SF
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,654.13	6,729.80	636.63	293.49	1.855	CC
ABND VERT OSTER 21-27 GYRO - OWB - GYRO	18,700.00	6,729.24	638.28	292.78	1.847	ES, SF
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,593.38	6,644.21	2,237.44	1,896.44	6.561	CC
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,600.00	6,644.15	2,237.45	1,896.36	6.560	ES
ABND VERT OSTER 27-11G GYRO - OWB - GYRO	18,700.00	6,643.18	2,239.98	1,897.81	6.546	SF
ABND VERT OSTER 4-27 - OWB - Design #1	20,212.38	6,759.00	639.39	138.81	1.277	Level 3, CC, ES, SF
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,369.30	6,715.37	3,918.25	3,555.86	10.812	CC
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,400.00	6,715.12	3,918.37	3,555.38	10.795	ES
ABND VERT OSTER G 34-29 GYRO - OWB - GYRO	19,800.00	6,712.64	3,941.84	3,573.02	10.688	SF
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,546.04	6,709.07	3,632.39	3,291.87	10.667	CC
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,600.00	6,708.90	3,632.79	3,291.26	10.637	ES
ABND VERT OSTER PM G 27-14 GYRO - OWB - GYRO	18,900.00	6,707.99	3,649.59	3,303.80	10.554	SF
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,104.61	6,703.65	3,430.44	3,047.97	8.969	CC
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,200.00	6,703.54	3,431.77	3,047.63	8.934	ES
ABND VERT OSTER R G 27-13 GYRO - OWB - GYRO	20,400.00	6,703.30	3,443.14	3,056.46	8.904	SF
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,664.84	6,766.47	708.76	371.81	2.103	CC
EXIST HZ ANDERSON 2-27 - OWB - FINAL SURVEY	17,700.00	6,765.93	709.63	370.70	2.094	ES, SF
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	15,600.00	15,600.00	3,375.98	3,058.90	10.647	SF
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,247.17	6,054.21	3,314.66	3,024.27	11.415	CC
EXIST HZ LIBACK 44-27 - OWB - FINAL SURVEY	16,300.00	6,049.89	3,315.08	3,023.93	11.386	ES
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,060.07	6,886.26	4,066.15	3,737.41	12.369	CC
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,100.00	6,886.79	4,066.35	3,736.82	12.340	ES
EXIST HZ LIBSACK 4-8-27 - OWB - GYRO	18,600.00	6,893.50	4,101.84	3,765.05	12.179	SF
EXIST HZ LIBSACK 8-4-27 - OWB - FINAL SURVEY	15,514.22	6,727.62	1,543.26	1,263.59	5.518	CC, ES, SF
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,515.40	15,515.40	2,789.92	2,530.48	10.754	CC, ES
EXIST HZ LIBSACK 8-6-27 GYRO - OWB - GYRO	15,700.00	15,700.00	2,796.06	2,534.75	10.700	SF
EXIST HZ LORY 12N - OWB - FINAL SURVEY	20,609.76	16,480.34	421.89	208.45	1.977	CC, ES, SF
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,175.73	6,706.00	687.73	297.15	1.761	CC
EXIST VERT ANDERSON 41-27 - OWB - Design #1	16,200.00	6,706.00	688.15	296.12	1.755	ES, SF
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,468.02	6,714.00	2,463.22	2,064.63	6.180	CC
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,500.00	6,714.00	2,463.43	2,064.36	6.173	ES
EXIST VERT HORN-LIBSACK 1 - OWB - Design #1	16,600.00	6,714.00	2,466.75	2,066.49	6.163	SF
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,861.35	6,748.38	2,346.89	1,971.18	6.247	CC
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	19,900.00	6,749.42	2,347.21	1,970.95	6.238	ES
EXIST VERT OSTER 13-27 GYRO - OWB - GYRO	20,000.00	6,752.18	2,350.98	1,973.78	6.233	SF
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,308.08	6,779.41	1,916.78	1,528.92	4.942	CC, ES
EXIST VERT OSTER 13-27B GYRO - OWB - GYRO	20,400.00	6,778.61	1,918.98	1,530.39	4.938	SF
SI VERT LIBSACK 43-27 - OWB - Design #1	16,112.25	6,716.00	1,975.11	1,586.08	5.077	CC, ES
SI VERT LIBSACK 43-27 - OWB - Design #1	16,200.00	6,716.00	1,977.06	1,587.16	5.071	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
0.00	0.00	0.00	0.00	0.00	0.00	-98.15	-572.73	-3,998.80	4,040.23					
100.00	100.00	25.01	25.01	0.13	0.03	-98.15	-572.74	-3,998.81	4,039.62	4,039.46	0.16	N/A		
200.00	200.00	114.58	114.58	0.49	0.13	-98.15	-572.95	-3,999.02	4,039.88	4,039.26	0.62	6,540.845		
300.00	300.00	223.32	223.31	0.85	0.25	-98.16	-573.13	-3,999.24	4,040.10	4,039.00	1.10	3,658.887		
400.00	400.00	320.85	320.85	1.21	0.32	-98.16	-573.45	-3,999.35	4,040.26	4,038.74	1.53	2,644.702		
500.00	499.98	413.71	413.71	1.57	0.37	-48.93	-573.62	-3,999.58	4,039.39	4,037.46	1.93	2,091.725		
600.00	599.84	497.79	497.79	1.93	0.42	-49.02	-573.45	-4,000.09	4,036.52	4,034.19	2.34	1,726.035		
700.00	699.45	573.20	573.18	2.29	0.46	-49.15	-572.80	-4,001.00	4,031.87	4,029.13	2.74	1,470.094		
800.00	798.70	661.28	661.24	2.67	0.51	-49.34	-571.34	-4,002.62	4,025.45	4,022.29	3.16	1,274.011		
900.00	897.47	761.74	761.67	3.07	0.55	-49.61	-569.77	-4,004.54	4,016.88	4,013.29	3.59	1,118.068		
1,000.00	995.62	869.41	869.31	3.50	0.60	-49.98	-568.27	-4,006.42	4,005.95	4,001.91	4.04	990.778		
1,100.00	1,093.06	976.18	976.06	3.97	0.65	-50.43	-566.86	-4,008.00	3,992.60	3,988.09	4.51	885.175		
1,200.00	1,189.64	1,074.56	1,074.43	4.47	0.69	-50.94	-565.49	-4,009.33	3,976.98	3,971.98	5.00	795.868		
1,300.00	1,285.27	1,171.21	1,171.06	5.01	0.73	-51.52	-564.14	-4,010.63	3,959.29	3,953.78	5.51	718.401		
1,400.00	1,379.82	1,278.11	1,277.94	5.61	0.78	-52.23	-562.89	-4,011.90	3,939.49	3,933.42	6.06	649.849		
1,500.00	1,473.17	1,393.06	1,392.88	6.25	0.82	-53.06	-561.76	-4,012.71	3,917.33	3,910.68	6.65	589.114		
1,600.00	1,565.21	1,485.01	1,484.83	6.96	0.85	-53.88	-560.77	-4,013.10	3,893.06	3,885.79	7.27	535.395		
1,700.00	1,656.01	1,578.04	1,577.85	7.72	0.89	-54.58	-559.73	-4,013.51	3,867.27	3,859.33	7.94	487.289		
1,800.00	1,746.60	1,675.19	1,675.00	8.50	0.92	-55.08	-558.80	-4,013.81	3,841.38	3,832.76	8.62	445.459		
1,900.00	1,837.19	1,784.69	1,784.49	9.30	0.95	-55.66	-558.02	-4,013.75	3,815.51	3,806.18	9.32	409.258		
2,000.00	1,927.79	1,877.91	1,877.71	10.12	0.97	-56.16	-557.46	-4,013.34	3,789.60	3,779.56	10.04	377.589		
2,100.00	2,018.38	1,968.25	1,968.04	10.93	0.99	-56.66	-556.96	-4,012.95	3,764.00	3,753.23	10.76	349.675		
2,200.00	2,108.97	2,065.80	2,065.59	11.76	1.01	-57.20	-556.60	-4,012.42	3,738.64	3,727.14	11.50	324.980		
2,300.00	2,199.56	2,169.22	2,169.01	12.59	1.03	-57.79	-556.40	-4,011.50	3,713.34	3,701.09	12.26	302.956		
2,400.00	2,290.15	2,260.58	2,260.36	13.43	1.04	-58.31	-556.18	-4,010.47	3,688.14	3,675.12	13.02	283.201		
2,500.00	2,380.75	2,356.22	2,356.00	14.26	1.06	-58.87	-555.94	-4,009.42	3,663.29	3,649.49	13.80	265.458		
2,600.00	2,471.34	2,461.25	2,461.01	15.11	1.07	-59.50	-556.01	-4,007.80	3,638.48	3,623.90	14.59	249.427		
2,700.00	2,561.93	2,555.02	2,554.76	15.95	1.09	-60.07	-556.34	-4,005.98	3,613.74	3,598.35	15.39	234.858		
2,800.00	2,652.52	2,638.01	2,637.74	16.80	1.10	-60.58	-556.66	-4,004.41	3,589.42	3,573.23	16.20	221.605		
2,900.00	2,743.12	2,720.81	2,720.53	17.64	1.11	-61.10	-557.17	-4,003.03	3,565.73	3,548.71	17.02	209.532		
3,000.00	2,833.71	2,816.71	2,816.41	18.49	1.12	-61.71	-558.01	-4,001.29	3,542.37	3,524.53	17.85	198.496		
3,100.00	2,924.30	2,907.84	2,907.52	19.35	1.14	-62.30	-558.78	-3,999.57	3,519.34	3,500.65	18.68	188.366		
3,200.00	3,014.89	2,987.56	2,987.22	20.20	1.15	-62.82	-559.33	-3,998.22	3,496.83	3,477.30	19.53	179.041		
3,300.00	3,105.48	3,061.31	3,060.97	21.05	1.16	-63.30	-559.83	-3,997.24	3,475.04	3,454.65	20.39	170.465		
3,400.00	3,196.08	3,144.44	3,144.09	21.91	1.17	-63.85	-560.57	-3,996.46	3,454.05	3,432.81	21.25	162.565		
3,500.00	3,286.67	3,231.11	3,230.76	22.76	1.18	-64.42	-561.30	-3,995.65	3,433.48	3,411.37	22.12	155.255		
3,600.00	3,377.26	3,306.72	3,306.36	23.62	1.20	-64.93	-561.91	-3,995.24	3,413.65	3,390.66	22.99	148.482		
3,700.00	3,467.85	3,390.17	3,389.80	24.47	1.21	-65.49	-562.61	-3,995.04	3,394.53	3,370.66	23.87	142.207		
3,800.00	3,558.45	3,478.79	3,478.42	25.33	1.22	-66.09	-563.38	-3,994.95	3,375.96	3,351.21	24.76	136.373		
3,900.00	3,649.04	3,571.64	3,571.27	26.19	1.23	-66.72	-564.03	-3,994.92	3,357.84	3,332.19	25.64	130.936		
4,000.00	3,739.63	3,653.10	3,652.73	27.05	1.24	-67.28	-564.35	-3,995.02	3,340.18	3,313.64	26.54	125.850		
4,100.00	3,830.22	3,732.99	3,732.62	27.90	1.25	-67.83	-564.98	-3,995.33	3,323.33	3,295.89	27.44	121.097		
4,200.00	3,920.81	3,819.97	3,819.59	28.76	1.27	-68.44	-565.96	-3,995.70	3,307.11	3,278.76	28.35	116.648		
4,300.00	4,011.41	3,910.05	3,909.66	29.62	1.28	-69.08	-567.14	-3,996.05	3,291.41	3,262.15	29.26	112.472		
4,400.00	4,102.00	4,001.99	4,001.60	30.48	1.30	-69.74	-568.34	-3,996.38	3,276.18	3,246.00	30.18	108.546		
4,500.00	4,192.59	4,081.95	4,081.55	31.34	1.31	-70.31	-569.23	-3,996.88	3,261.56	3,230.46	31.10	104.858		
4,600.00	4,283.18	4,163.36	4,162.95	32.20	1.32	-70.90	-569.95	-3,997.76	3,247.71	3,215.68	32.03	101.393		
4,700.00	4,373.78	4,246.53	4,246.11	33.06	1.34	-71.49	-570.64	-3,998.94	3,234.58	3,201.62	32.96	98.135		
4,800.00	4,464.37	4,334.87	4,334.43	33.92	1.35	-72.13	-571.72	-4,000.19	3,222.12	3,188.23	33.89	95.062		
4,900.00	4,554.96	4,429.33	4,428.87	34.78	1.37	-72.82	-572.95	-4,001.39	3,210.09	3,175.26	34.83	92.157		
5,000.00	4,645.55	4,517.68	4,517.22	35.64	1.39	-73.47	-573.89	-4,002.60	3,198.53	3,162.76	35.77	89.410		
5,100.00	4,736.14	4,594.44	4,593.96	36.51	1.40	-74.04	-574.77	-4,003.86	3,187.75	3,151.04	36.72	86.819		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,826.74	4,699.03	4,698.52	37.37	1.42	-74.82	-576.27	-4,005.44	3,177.52	3,139.86	37.66	84.365		
5,300.00	4,917.33	4,803.17	4,802.65	38.23	1.44	-75.60	-577.51	-4,006.61	3,167.41	3,128.79	38.61	82.028		
5,400.00	5,007.92	4,907.31	4,906.78	39.09	1.46	-76.37	-578.07	-4,007.70	3,157.43	3,117.87	39.56	79.808		
5,500.00	5,098.51	4,995.41	4,994.88	39.95	1.48	-77.03	-578.22	-4,008.69	3,147.84	3,107.33	40.51	77.700		
5,600.00	5,189.11	5,085.99	5,085.45	40.81	1.50	-77.71	-578.45	-4,009.68	3,138.81	3,097.35	41.46	75.701		
5,700.00	5,279.70	5,188.60	5,188.06	41.68	1.52	-78.48	-578.84	-4,010.51	3,130.17	3,087.75	42.42	73.797		
5,800.00	5,370.29	5,271.71	5,271.16	42.54	1.54	-79.11	-579.01	-4,011.15	3,121.95	3,078.58	43.37	71.988		
5,900.00	5,460.88	5,364.32	5,363.77	43.40	1.56	-79.82	-579.29	-4,012.03	3,114.45	3,070.13	44.32	70.274		
6,000.00	5,551.47	5,455.02	5,454.47	44.26	1.58	-80.52	-579.64	-4,012.67	3,107.37	3,062.10	45.27	68.641		
6,100.00	5,642.07	5,544.44	5,543.88	45.13	1.60	-81.21	-580.08	-4,013.33	3,100.93	3,054.71	46.22	67.092		
6,200.00	5,732.66	5,638.51	5,637.95	45.99	1.62	-81.94	-580.75	-4,013.79	3,095.01	3,047.84	47.17	65.618		
6,300.00	5,823.25	5,731.43	5,730.86	46.85	1.64	-82.67	-581.31	-4,014.16	3,089.54	3,041.42	48.11	64.214		
6,400.00	5,913.84	5,818.12	5,817.55	47.72	1.66	-83.34	-581.76	-4,014.62	3,084.67	3,035.62	49.06	62.882		
6,500.00	6,004.44	5,901.58	5,901.01	48.58	1.68	-84.00	-582.41	-4,015.09	3,080.57	3,030.57	49.99	61.620		
6,600.00	6,095.03	6,013.93	6,013.36	49.44	1.71	-84.89	-583.13	-4,015.50	3,076.82	3,025.88	50.93	60.409		
6,700.00	6,185.62	6,110.26	6,109.68	50.30	1.72	-85.64	-583.23	-4,015.79	3,073.27	3,021.41	51.86	59.263		
6,800.00	6,276.21	6,192.68	6,192.11	51.17	1.74	-86.29	-583.27	-4,016.13	3,070.33	3,017.55	52.78	58.172		
6,900.00	6,366.80	6,318.23	6,317.65	52.03	1.74	-87.28	-583.04	-4,016.18	3,067.60	3,013.92	53.68	57.145		
7,000.00	6,457.40	6,397.41	6,396.84	52.89	1.75	-87.90	-582.62	-4,016.17	3,065.16	3,010.58	54.58	56.163		
7,100.00	6,545.60	6,501.98	6,501.40	53.85	1.75	-79.21	-581.93	-4,015.99	3,058.40	3,002.84	55.56	55.046		
7,200.00	6,626.13	6,586.33	6,585.75	55.05	1.75	-74.70	-581.30	-4,015.51	3,040.31	2,983.53	56.77	53.550		
7,300.00	6,696.49	6,656.80	6,656.21	56.46	1.75	-73.79	-580.70	-4,015.10	3,012.10	2,953.90	58.20	51.757		
7,400.00	6,754.56	6,713.76	6,713.18	58.05	1.75	-75.32	-580.12	-4,014.89	2,975.22	2,915.43	59.79	49.758		
7,500.00	6,798.57	6,755.34	6,754.75	59.78	1.76	-78.65	-579.69	-4,014.80	2,931.29	2,869.77	61.52	47.647		
7,600.00	6,827.18	6,782.45	6,781.85	61.58	1.76	-83.37	-579.41	-4,014.76	2,882.00	2,818.68	63.32	45.513		
7,700.00	6,839.51	6,794.15	6,793.56	63.39	1.76	-89.11	-579.29	-4,014.75	2,829.06	2,763.92	65.13	43.434		
7,800.00	6,840.00	6,794.57	6,793.98	65.19	1.76	-90.61	-579.28	-4,014.75	2,775.19	2,708.26	66.93	41.463		
7,900.00	6,840.00	6,794.53	6,793.94	67.04	1.76	-90.61	-579.28	-4,014.75	2,723.80	2,655.02	68.78	39.602		
8,000.00	6,840.00	6,794.48	6,793.89	68.95	1.76	-90.60	-579.28	-4,014.75	2,675.16	2,604.49	70.67	37.854		
8,100.00	6,840.00	6,794.44	6,793.85	70.91	1.76	-90.60	-579.28	-4,014.75	2,629.43	2,556.83	72.60	36.218		
8,200.00	6,840.00	6,794.39	6,793.80	72.91	1.76	-90.60	-579.28	-4,014.75	2,586.76	2,512.20	74.55	34.696		
8,300.00	6,840.00	6,794.35	6,793.76	74.96	1.76	-90.60	-579.29	-4,014.75	2,547.30	2,470.77	76.52	33.287		
8,400.00	6,840.00	6,794.30	6,793.71	77.05	1.76	-90.60	-579.29	-4,014.75	2,511.20	2,432.70	78.50	31.991		
8,500.00	6,840.00	6,794.26	6,793.66	79.18	1.76	-90.60	-579.29	-4,014.75	2,478.62	2,398.16	80.46	30.807		
8,600.00	6,840.00	6,794.21	6,793.62	81.34	1.76	-90.60	-579.29	-4,014.75	2,449.68	2,367.29	82.39	29.733		
8,700.00	6,840.00	6,794.17	6,793.57	83.54	1.76	-90.60	-579.29	-4,014.75	2,424.53	2,340.25	84.28	28.768		
8,800.00	6,840.00	6,794.12	6,793.53	85.76	1.76	-90.60	-579.29	-4,014.75	2,403.28	2,317.17	86.11	27.909		
8,900.00	6,840.00	6,794.07	6,793.48	88.02	1.76	-90.59	-579.29	-4,014.75	2,386.04	2,298.17	87.87	27.155		
9,000.00	6,840.00	6,794.03	6,793.43	90.30	1.76	-90.59	-579.29	-4,014.75	2,372.89	2,283.35	89.53	26.502		
9,100.00	6,840.00	6,793.98	6,793.38	92.60	1.76	-90.59	-579.29	-4,014.75	2,363.89	2,272.80	91.10	25.949		
9,200.00	6,840.00	6,793.93	6,793.34	94.93	1.76	-90.59	-579.29	-4,014.75	2,359.11	2,266.56	92.55	25.491		
9,262.95	6,840.00	6,793.90	6,793.31	96.41	1.76	-90.59	-579.29	-4,014.75	2,358.27	2,264.88	93.40	25.250 CC		
9,300.00	6,840.00	6,793.88	6,793.29	97.28	1.76	-90.59	-579.29	-4,014.75	2,358.56	2,264.69	93.87	25.126 ES		
9,400.00	6,840.00	6,793.83	6,793.24	99.65	1.76	-90.59	-579.29	-4,014.75	2,362.25	2,267.20	95.05	24.852		
9,500.00	6,840.00	6,793.79	6,793.19	102.03	1.76	-90.59	-579.29	-4,014.76	2,370.16	2,274.06	96.10	24.664		
9,600.00	6,840.00	6,793.74	6,793.14	104.43	1.76	-90.59	-579.29	-4,014.76	2,382.24	2,285.24	97.00	24.560		
9,700.00	6,840.00	6,793.69	6,793.10	106.85	1.76	-90.59	-579.29	-4,014.76	2,398.43	2,300.68	97.75	24.537 SF		
9,800.00	6,840.00	6,793.64	6,793.05	109.29	1.76	-90.58	-579.29	-4,014.76	2,418.65	2,320.29	98.36	24.591		
9,900.00	6,840.00	6,793.59	6,793.00	111.73	1.76	-90.58	-579.29	-4,014.76	2,442.80	2,343.98	98.82	24.719		
10,000.00	6,840.00	6,793.54	6,792.95	114.19	1.76	-90.58	-579.29	-4,014.76	2,470.77	2,371.61	99.15	24.918		
10,100.00	6,840.00	6,793.49	6,792.90	116.66	1.76	-90.58	-579.29	-4,014.76	2,502.42	2,403.06	99.36	25.186		
10,200.00	6,840.00	6,793.44	6,792.85	119.15	1.76	-90.58	-579.29	-4,014.76	2,537.62	2,438.18	99.44	25.520		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,300.00	6,840.00	6,793.39	6,792.80	121.64	1.76	-90.58	-579.30	-4,014.76	2,576.22	2,476.81	99.41	25.915		
10,400.00	6,840.00	6,793.34	6,792.74	124.14	1.76	-90.58	-579.30	-4,014.76	2,618.08	2,518.80	99.28	26.371		
10,500.00	6,840.00	6,793.29	6,792.69	126.65	1.76	-90.58	-579.30	-4,014.76	2,663.03	2,563.97	99.06	26.884		
10,600.00	6,840.00	6,793.23	6,792.64	129.18	1.76	-90.57	-579.30	-4,014.76	2,710.93	2,612.17	98.76	27.451		
10,700.00	6,840.00	6,793.18	6,792.59	131.70	1.76	-90.57	-579.30	-4,014.76	2,761.62	2,663.24	98.38	28.070		
10,800.00	6,840.00	6,793.13	6,792.54	134.24	1.76	-90.57	-579.30	-4,014.76	2,814.95	2,717.00	97.95	28.739		
10,900.00	6,840.00	6,793.08	6,792.48	136.79	1.76	-90.57	-579.30	-4,014.76	2,870.78	2,773.32	97.46	29.455		
11,000.00	6,840.00	6,793.03	6,792.43	139.34	1.76	-90.57	-579.30	-4,014.76	2,928.96	2,832.02	96.93	30.216		
11,100.00	6,840.00	6,792.97	6,792.38	141.90	1.76	-90.57	-579.30	-4,014.76	2,989.35	2,892.98	96.37	31.021		
11,200.00	6,840.00	6,792.92	6,792.33	144.46	1.76	-90.57	-579.30	-4,014.76	3,051.82	2,956.05	95.77	31.866		
11,300.00	6,840.00	6,792.86	6,792.27	147.03	1.76	-90.57	-579.30	-4,014.76	3,116.25	3,021.10	95.15	32.750		
11,400.00	6,840.00	6,792.81	6,792.22	149.60	1.76	-90.56	-579.30	-4,014.76	3,182.52	3,088.00	94.52	33.672		
11,500.00	6,840.00	6,792.76	6,792.16	152.18	1.76	-90.56	-579.30	-4,014.76	3,250.51	3,156.65	93.87	34.629		
11,600.00	6,840.00	6,792.70	6,792.11	154.77	1.76	-90.56	-579.30	-4,014.76	3,320.13	3,226.92	93.21	35.619		
11,700.00	6,840.00	6,792.65	6,792.05	157.36	1.76	-90.56	-579.30	-4,014.76	3,391.26	3,298.71	92.55	36.642		
11,800.00	6,840.00	6,792.59	6,792.00	159.95	1.76	-90.56	-579.30	-4,014.76	3,463.82	3,371.93	91.89	37.695		
11,900.00	6,840.00	6,792.54	6,791.94	162.55	1.76	-90.56	-579.30	-4,014.76	3,537.72	3,446.49	91.23	38.778		
12,000.00	6,840.00	6,792.48	6,791.89	165.16	1.76	-90.56	-579.30	-4,014.76	3,612.88	3,522.30	90.58	39.888		
12,100.00	6,840.00	6,792.42	6,791.83	167.76	1.76	-90.55	-579.31	-4,014.76	3,689.21	3,599.29	89.93	41.024		
12,200.00	6,840.00	6,792.37	6,791.77	170.37	1.76	-90.55	-579.31	-4,014.76	3,766.66	3,677.37	89.29	42.186		
12,300.00	6,840.00	6,792.31	6,791.72	172.99	1.76	-90.55	-579.31	-4,014.76	3,845.14	3,756.49	88.66	43.372		
12,400.00	6,840.00	6,792.25	6,791.66	175.60	1.76	-90.55	-579.31	-4,014.76	3,924.60	3,836.57	88.04	44.580		
12,500.00	6,840.00	6,792.19	6,791.60	178.23	1.76	-90.55	-579.31	-4,014.76	4,004.99	3,917.56	87.43	45.810		
12,600.00	6,840.00	6,792.13	6,791.54	180.85	1.76	-90.55	-579.31	-4,014.76	4,086.24	3,999.41	86.83	47.060		
12,700.00	6,840.00	6,792.08	6,791.48	183.47	1.76	-90.55	-579.31	-4,014.76	4,168.30	4,082.06	86.25	48.330		
12,800.00	6,840.00	6,792.02	6,791.42	186.10	1.76	-90.54	-579.31	-4,014.76	4,251.14	4,165.46	85.68	49.619		
12,900.00	6,840.00	6,791.96	6,791.36	188.74	1.76	-90.54	-579.31	-4,014.76	4,334.69	4,249.58	85.12	50.926		
13,000.00	6,840.00	6,791.90	6,791.30	191.37	1.76	-90.54	-579.31	-4,014.76	4,418.93	4,334.36	84.57	52.249		
13,100.00	6,840.00	6,791.84	6,791.24	194.01	1.76	-90.54	-579.31	-4,014.76	4,503.82	4,419.77	84.04	53.588		
13,200.00	6,840.00	6,791.78	6,791.18	196.65	1.76	-90.54	-579.31	-4,014.76	4,589.31	4,505.78	83.53	54.943		
13,300.00	6,840.00	6,791.72	6,791.12	199.29	1.76	-90.54	-579.31	-4,014.76	4,675.38	4,592.36	83.03	56.312		
13,400.00	6,840.00	6,791.65	6,791.06	201.93	1.76	-90.54	-579.31	-4,014.76	4,762.00	4,679.46	82.54	57.695		
13,500.00	6,840.00	6,791.59	6,791.00	204.58	1.76	-90.53	-579.31	-4,014.76	4,849.13	4,767.06	82.06	59.091		
13,600.00	6,840.00	6,791.53	6,790.94	207.22	1.76	-90.53	-579.31	-4,014.76	4,936.74	4,855.14	81.60	60.500		
13,700.00	6,840.00	6,791.47	6,790.88	209.87	1.76	-90.53	-579.31	-4,014.76	5,024.82	4,943.67	81.15	61.920		
13,800.00	6,840.00	6,791.41	6,790.81	212.52	1.76	-90.53	-579.32	-4,014.76	5,113.34	5,032.63	80.71	63.352		
13,900.00	6,840.00	6,791.34	6,790.75	215.18	1.76	-90.53	-579.32	-4,014.76	5,202.28	5,121.99	80.29	64.794		
14,000.00	6,840.00	6,791.28	6,790.69	217.83	1.76	-90.53	-579.32	-4,014.76	5,291.60	5,211.73	79.88	66.246		
14,100.00	6,840.00	6,791.21	6,790.62	220.49	1.76	-90.53	-579.32	-4,014.76	5,381.31	5,301.83	79.48	67.708		
14,200.00	6,840.00	6,791.15	6,790.56	223.15	1.76	-90.52	-579.32	-4,014.76	5,471.37	5,392.28	79.09	69.179		
14,300.00	6,840.00	6,791.08	6,790.49	225.81	1.76	-90.52	-579.32	-4,014.76	5,561.77	5,483.06	78.71	70.659		
14,400.00	6,840.00	6,791.02	6,790.43	228.47	1.76	-90.52	-579.32	-4,014.76	5,652.50	5,574.15	78.35	72.147		
14,500.00	6,840.00	6,790.95	6,790.36	231.13	1.76	-90.52	-579.32	-4,014.76	5,743.53	5,665.54	77.99	73.642		
14,600.00	6,840.00	6,790.89	6,790.29	233.79	1.76	-90.52	-579.32	-4,014.76	5,834.86	5,757.21	77.65	75.145		
14,700.00	6,840.00	6,790.82	6,790.23	236.46	1.76	-90.52	-579.32	-4,014.76	5,926.46	5,849.15	77.31	76.655		
14,800.00	6,840.00	6,790.75	6,790.16	239.12	1.76	-90.51	-579.32	-4,014.76	6,018.33	5,941.35	76.99	78.171		
14,900.00	6,840.00	6,790.69	6,790.09	241.79	1.76	-90.51	-579.32	-4,014.76	6,110.46	6,033.79	76.67	79.693		
15,000.00	6,840.00	6,790.62	6,790.02	244.46	1.76	-90.51	-579.32	-4,014.76	6,202.84	6,126.47	76.37	81.221		
15,100.00	6,840.00	6,790.55	6,789.96	247.13	1.76	-90.51	-579.32	-4,014.76	6,295.44	6,219.37	76.07	82.755		
15,200.00	6,840.00	6,790.48	6,789.89	249.80	1.76	-90.51	-579.33	-4,014.76	6,388.27	6,312.48	75.79	84.293		
15,300.00	6,840.00	6,790.41	6,789.82	252.47	1.76	-90.51	-579.33	-4,014.76	6,481.31	6,405.80	75.51	85.837		
15,400.00	6,840.00	6,790.34	6,789.75	255.15	1.76	-90.50	-579.33	-4,014.76	6,574.56	6,499.32	75.24	87.385		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

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
15,500.00	6,840.00	6,790.27	6,789.68	257.82	1.76	-90.50	-579.33	-4,014.76	6,668.00	6,593.03	74.97	88.937	
15,600.00	6,840.00	6,790.20	6,789.60	260.50	1.76	-90.50	-579.33	-4,014.76	6,761.63	6,686.91	74.72	90.493	
15,700.00	6,840.00	6,790.13	6,789.53	263.17	1.76	-90.50	-579.33	-4,014.76	6,855.44	6,780.97	74.47	92.053	
15,800.00	6,840.00	6,790.05	6,789.46	265.85	1.76	-90.50	-579.33	-4,014.76	6,949.42	6,875.19	74.23	93.616	
15,900.00	6,840.00	6,789.98	6,789.39	268.53	1.76	-90.50	-579.33	-4,014.76	7,043.57	6,969.57	74.00	95.182	
16,000.00	6,840.00	6,789.91	6,789.32	271.20	1.76	-90.49	-579.33	-4,014.76	7,137.88	7,064.10	73.78	96.751	
16,100.00	6,840.00	6,789.84	6,789.24	273.88	1.76	-90.49	-579.33	-4,014.76	7,232.34	7,158.78	73.56	98.323	
16,200.00	6,840.00	6,789.76	6,789.17	276.56	1.76	-90.49	-579.33	-4,014.76	7,326.94	7,253.60	73.35	99.897	
16,300.00	6,840.00	6,789.69	6,789.09	279.25	1.76	-90.49	-579.33	-4,014.76	7,421.69	7,348.55	73.14	101.473	
16,400.00	6,840.00	6,789.61	6,789.02	281.93	1.76	-90.49	-579.33	-4,014.76	7,516.58	7,443.64	72.94	103.051	
16,500.00	6,840.00	6,789.54	6,788.94	284.61	1.76	-90.48	-579.33	-4,014.76	7,611.59	7,538.84	72.75	104.632	
16,600.00	6,840.00	6,789.46	6,788.87	287.29	1.76	-90.48	-579.34	-4,014.76	7,706.73	7,634.17	72.56	106.213	
16,700.00	6,840.00	6,789.38	6,788.79	289.98	1.76	-90.48	-579.34	-4,014.76	7,802.00	7,729.62	72.38	107.797	
16,800.00	6,840.00	6,789.31	6,788.71	292.66	1.76	-90.48	-579.34	-4,014.76	7,897.38	7,825.18	72.20	109.381	
16,900.00	6,840.00	6,789.23	6,788.63	295.35	1.76	-90.48	-579.34	-4,014.76	7,992.87	7,920.84	72.03	110.967	
17,000.00	6,840.00	6,789.15	6,788.56	298.03	1.76	-90.48	-579.34	-4,014.76	8,088.47	8,016.61	71.86	112.553	
17,100.00	6,840.00	6,789.07	6,788.48	300.72	1.76	-90.47	-579.34	-4,014.76	8,184.18	8,112.48	71.70	114.140	
17,200.00	6,840.00	6,788.99	6,788.40	303.41	1.76	-90.47	-579.34	-4,014.76	8,279.99	8,208.44	71.55	115.728	
17,300.00	6,840.00	6,788.91	6,788.32	306.09	1.76	-90.47	-579.34	-4,014.76	8,375.89	8,304.50	71.40	117.316	
17,400.00	6,840.00	6,788.83	6,788.24	308.78	1.76	-90.47	-579.34	-4,014.76	8,471.89	8,400.65	71.25	118.904	
17,500.00	6,840.00	6,788.75	6,788.15	311.47	1.76	-90.47	-579.34	-4,014.76	8,567.99	8,496.88	71.11	120.493	
17,600.00	6,840.00	6,788.67	6,788.07	314.16	1.76	-90.46	-579.34	-4,014.76	8,664.17	8,593.20	70.97	122.081	
17,700.00	6,840.00	6,788.58	6,787.99	316.85	1.76	-90.46	-579.34	-4,014.76	8,760.44	8,689.60	70.84	123.670	
17,800.00	6,840.00	6,788.50	6,787.91	319.54	1.76	-90.46	-579.35	-4,014.76	8,856.78	8,786.08	70.71	125.258	
17,900.00	6,840.00	6,788.42	6,787.82	322.23	1.76	-90.46	-579.35	-4,014.76	8,953.21	8,882.63	70.58	126.846	
18,000.00	6,840.00	6,788.33	6,787.74	324.92	1.76	-90.46	-579.35	-4,014.76	9,049.72	8,979.26	70.46	128.433	
18,100.00	6,840.00	6,788.25	6,787.65	327.62	1.76	-90.45	-579.35	-4,014.76	9,146.30	9,075.96	70.35	130.019	
18,200.00	6,840.00	6,788.16	6,787.57	330.31	1.76	-90.45	-579.35	-4,014.76	9,242.96	9,172.73	70.23	131.605	
18,300.00	6,840.00	6,788.07	6,787.48	333.00	1.76	-90.45	-579.35	-4,014.76	9,339.68	9,269.56	70.12	133.190	
18,400.00	6,840.00	6,787.99	6,787.39	335.70	1.76	-90.45	-579.35	-4,014.76	9,436.48	9,366.46	70.02	134.774	
18,500.00	6,840.00	6,787.90	6,787.31	338.39	1.76	-90.44	-579.35	-4,014.76	9,533.34	9,463.42	69.91	136.357	
18,600.00	6,840.00	6,787.81	6,787.22	341.08	1.76	-90.44	-579.35	-4,014.76	9,630.26	9,560.44	69.82	137.938	
18,700.00	6,840.00	6,787.72	6,787.13	343.78	1.76	-90.44	-579.35	-4,014.76	9,727.25	9,657.53	69.72	139.519	
18,800.00	6,840.00	6,787.63	6,787.04	346.47	1.76	-90.44	-579.35	-4,014.76	9,824.29	9,754.67	69.63	141.098	
18,900.00	6,840.00	6,787.54	6,786.95	349.17	1.76	-90.44	-579.36	-4,014.76	9,921.40	9,851.86	69.54	142.675	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-97.03	-368.86	-2,991.54	3,014.96					
100.00	100.00	27.56	27.56	0.13	0.03	-97.03	-368.87	-2,991.56	3,014.22	3,014.05	0.16	N/A		
200.00	200.00	115.23	115.23	0.49	0.13	-97.03	-369.04	-2,991.87	3,014.59	3,013.97	0.62	4,873.197		
300.00	300.00	210.43	210.43	0.85	0.24	-97.03	-369.16	-2,992.46	3,015.22	3,014.12	1.09	2,754.294		
400.00	400.00	300.97	300.97	1.21	0.32	-97.03	-369.34	-2,993.23	3,016.09	3,014.56	1.53	1,970.691		
500.00	499.98	401.86	401.85	1.57	0.39	-47.81	-369.85	-2,994.20	3,015.94	3,013.98	1.96	1,542.677		
600.00	599.84	513.80	513.78	1.93	0.46	-47.94	-370.56	-2,995.02	3,013.22	3,010.84	2.38	1,266.438		
700.00	699.45	621.87	621.86	2.29	0.52	-48.16	-370.92	-2,995.46	3,007.84	3,005.04	2.80	1,074.818		
800.00	798.70	726.52	726.50	2.67	0.56	-48.46	-370.94	-2,995.71	2,999.93	2,996.72	3.21	933.279		
900.00	897.47	832.39	832.37	3.07	0.59	-48.85	-370.73	-2,995.76	2,989.55	2,985.92	3.63	823.551		
1,000.00	995.62	934.07	934.05	3.50	0.62	-49.32	-370.11	-2,995.65	2,976.72	2,972.66	4.06	732.591		
1,100.00	1,093.06	1,028.28	1,028.25	3.97	0.65	-49.85	-369.12	-2,995.63	2,961.76	2,957.24	4.51	656.047		
1,200.00	1,189.64	1,121.01	1,120.98	4.47	0.69	-50.45	-367.92	-2,995.77	2,944.79	2,939.80	4.99	590.114		
1,300.00	1,285.27	1,211.70	1,211.65	5.01	0.72	-51.13	-366.61	-2,996.05	2,925.91	2,920.41	5.50	532.427		
1,400.00	1,379.82	1,294.63	1,294.57	5.61	0.75	-51.86	-365.39	-2,996.58	2,905.34	2,899.31	6.03	481.531		
1,500.00	1,473.17	1,380.07	1,380.00	6.25	0.78	-52.69	-364.27	-2,997.41	2,883.22	2,876.61	6.61	435.938		
1,600.00	1,565.21	1,469.03	1,468.95	6.96	0.82	-53.63	-363.38	-2,998.43	2,859.52	2,852.28	7.24	394.891		
1,700.00	1,656.01	1,562.91	1,562.82	7.72	0.85	-54.49	-362.81	-2,999.46	2,834.39	2,826.48	7.92	358.026		
1,800.00	1,746.60	1,661.54	1,661.45	8.50	0.89	-55.20	-362.58	-3,000.28	2,809.20	2,800.58	8.62	325.907		
1,900.00	1,837.19	1,762.60	1,762.51	9.30	0.92	-55.95	-362.49	-3,000.75	2,784.09	2,774.76	9.34	298.172		
2,000.00	1,927.79	1,853.92	1,853.83	10.12	0.95	-56.62	-362.02	-3,001.01	2,759.15	2,749.08	10.07	273.990		
2,100.00	2,018.38	1,937.74	1,937.65	10.93	0.98	-57.25	-361.35	-3,001.45	2,734.78	2,723.96	10.82	252.714		
2,200.00	2,108.97	2,018.93	2,018.83	11.76	1.01	-57.86	-360.78	-3,002.12	2,711.11	2,699.52	11.59	233.923		
2,300.00	2,199.56	2,097.71	2,097.60	12.59	1.03	-58.47	-360.40	-3,003.07	2,688.25	2,675.88	12.37	217.249		
2,400.00	2,290.15	2,183.83	2,183.71	13.43	1.06	-59.14	-360.31	-3,004.31	2,666.14	2,652.96	13.17	202.375		
2,500.00	2,380.75	2,277.89	2,277.76	14.26	1.09	-59.90	-360.63	-3,005.60	2,644.54	2,630.55	13.99	189.039		
2,600.00	2,471.34	2,408.91	2,408.78	15.11	1.10	-60.98	-361.09	-3,006.37	2,622.80	2,608.00	14.79	177.295		
2,700.00	2,561.93	2,542.93	2,542.79	15.95	1.11	-62.10	-360.66	-3,004.95	2,599.88	2,584.28	15.59	166.728		
2,800.00	2,652.52	2,649.49	2,649.31	16.80	1.12	-63.05	-361.34	-3,002.13	2,576.41	2,559.99	16.42	156.918		
2,900.00	2,743.12	2,740.63	2,740.41	17.64	1.12	-63.87	-361.71	-2,999.51	2,553.26	2,536.00	17.26	147.907		
3,000.00	2,833.71	2,824.58	2,824.33	18.49	1.13	-64.63	-361.85	-2,997.23	2,530.74	2,512.62	18.12	139.669		
3,100.00	2,924.30	2,902.50	2,902.23	19.35	1.14	-65.34	-361.80	-2,995.51	2,509.16	2,490.17	18.99	132.137		
3,200.00	3,014.89	2,983.07	2,982.79	20.20	1.14	-66.08	-361.65	-2,994.15	2,488.54	2,468.67	19.87	125.256		
3,300.00	3,105.48	3,066.67	3,066.38	21.05	1.15	-66.85	-361.55	-2,993.02	2,468.80	2,448.05	20.75	118.950		
3,400.00	3,196.08	3,148.57	3,148.28	21.91	1.16	-67.62	-361.68	-2,992.04	2,449.92	2,428.27	21.65	113.149		
3,500.00	3,286.67	3,228.27	3,227.97	22.76	1.17	-68.39	-362.36	-2,991.19	2,432.02	2,409.46	22.56	107.801		
3,600.00	3,377.26	3,310.54	3,310.22	23.62	1.18	-69.21	-363.95	-2,990.28	2,415.19	2,391.71	23.48	102.866		
3,700.00	3,467.85	3,424.57	3,424.22	24.47	1.19	-70.35	-365.73	-2,988.57	2,398.56	2,374.16	24.40	98.315		
3,800.00	3,558.45	3,514.38	3,514.02	25.33	1.20	-71.24	-365.88	-2,987.45	2,382.26	2,356.93	25.32	94.084		
3,900.00	3,649.04	3,596.61	3,596.24	26.19	1.21	-72.04	-365.31	-2,987.00	2,366.81	2,340.56	26.25	90.169		
4,000.00	3,739.63	3,677.75	3,677.38	27.05	1.23	-72.83	-364.48	-2,987.06	2,352.36	2,325.18	27.18	86.533		
4,100.00	3,830.22	3,756.44	3,756.07	27.90	1.24	-73.59	-363.71	-2,987.51	2,338.97	2,310.85	28.12	83.164		
4,200.00	3,920.81	3,831.65	3,831.27	28.76	1.26	-74.33	-363.19	-2,988.33	2,326.78	2,297.71	29.07	80.045		
4,300.00	4,011.41	3,903.48	3,903.10	29.62	1.27	-75.04	-363.19	-2,989.46	2,315.98	2,285.97	30.01	77.163		
4,400.00	4,102.00	3,975.60	3,975.20	30.48	1.29	-75.77	-363.81	-2,990.91	2,306.62	2,275.66	30.96	74.498		
4,500.00	4,192.59	4,050.13	4,049.70	31.34	1.30	-76.54	-365.10	-2,992.67	2,298.70	2,266.79	31.91	72.035		
4,600.00	4,283.18	4,129.05	4,128.56	32.20	1.32	-77.36	-367.00	-2,994.77	2,292.09	2,259.23	32.86	69.754		
4,700.00	4,373.78	4,221.26	4,220.70	33.06	1.33	-78.34	-369.69	-2,997.22	2,286.53	2,252.72	33.81	67.624		
4,800.00	4,464.37	4,343.68	4,343.06	33.92	1.36	-79.61	-371.73	-3,000.22	2,280.85	2,246.08	34.77	65.598		
4,900.00	4,554.96	4,448.10	4,447.45	34.78	1.38	-80.67	-371.77	-3,002.85	2,275.05	2,239.33	35.72	63.696		
5,000.00	4,645.55	4,541.93	4,541.25	35.64	1.41	-81.61	-371.10	-3,005.39	2,269.66	2,233.00	36.66	61.913		
5,100.00	4,736.14	4,622.20	4,621.47	36.51	1.43	-82.41	-370.40	-3,007.79	2,265.07	2,227.48	37.59	60.250		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,826.74	4,686.23	4,685.45	37.37	1.44	-83.06	-370.30	-3,010.16	2,262.09	2,223.57	38.52	58.726		
5,300.00	4,917.33	4,778.55	4,777.70	38.23	1.47	-83.99	-370.76	-3,013.94	2,260.48	2,221.03	39.45	57.302		
5,400.00	5,007.92	4,896.91	4,895.98	39.09	1.50	-85.19	-370.88	-3,018.14	2,258.98	2,218.60	40.38	55.939		
5,500.00	5,098.51	4,977.35	4,976.38	39.95	1.52	-86.00	-370.46	-3,021.01	2,257.77	2,216.47	41.30	54.673		
5,554.75	5,148.12	5,021.81	5,020.79	40.42	1.53	-86.44	-370.24	-3,022.83	2,257.60	2,215.81	41.79	54.020		
5,600.00	5,189.11	5,059.33	5,058.28	40.81	1.54	-86.82	-370.11	-3,024.43	2,257.71	2,215.51	42.20	53.499		
5,700.00	5,279.70	5,180.43	5,179.30	41.68	1.57	-88.04	-369.98	-3,028.87	2,258.32	2,215.20	43.12	52.375		
5,800.00	5,370.29	5,339.94	5,338.79	42.54	1.59	-89.73	-369.06	-3,029.48	2,257.17	2,213.16	44.01	51.284		
5,900.00	5,460.88	5,482.56	5,481.35	43.40	1.61	-91.23	-365.19	-3,028.04	2,254.59	2,209.70	44.89	50.227		
6,000.00	5,551.47	5,569.93	5,568.61	44.26	1.62	-92.11	-360.91	-3,027.67	2,251.55	2,205.79	45.76	49.201		
6,100.00	5,642.07	5,627.46	5,626.09	45.13	1.63	-92.70	-358.50	-3,027.60	2,249.98	2,203.35	46.63	48.256		
6,113.19	5,654.02	5,633.28	5,631.91	45.24	1.63	-92.76	-358.34	-3,027.60	2,249.96	2,203.22	46.74	48.140		
6,200.00	5,732.66	5,671.28	5,669.90	45.99	1.63	-93.16	-357.80	-3,027.59	2,250.96	2,203.50	47.46	47.424		
6,300.00	5,823.25	5,724.36	5,722.98	46.85	1.63	-93.74	-358.33	-3,027.63	2,254.57	2,206.28	48.28	46.695		
6,400.00	5,913.84	5,796.55	5,795.16	47.72	1.64	-94.53	-359.85	-3,027.78	2,259.96	2,210.86	49.10	46.031		
6,500.00	6,004.44	5,876.70	5,875.27	48.58	1.65	-95.42	-362.14	-3,027.96	2,266.74	2,216.84	49.90	45.426		
6,600.00	6,095.03	5,967.27	5,965.79	49.44	1.65	-96.42	-365.18	-3,027.89	2,274.58	2,223.88	50.69	44.869		
6,700.00	6,185.62	6,074.91	6,073.36	50.30	1.66	-97.62	-368.73	-3,027.11	2,282.92	2,231.43	51.49	44.340		
6,800.00	6,276.21	6,181.62	6,180.04	51.17	1.67	-98.80	-371.40	-3,025.91	2,291.29	2,239.02	52.26	43.842		
6,900.00	6,366.80	6,284.97	6,283.36	52.03	1.67	-99.93	-373.19	-3,024.79	2,299.91	2,246.89	53.02	43.378		
7,000.00	6,457.40	6,380.91	6,379.30	52.89	1.68	-100.95	-374.15	-3,024.11	2,308.94	2,255.18	53.76	42.950		
7,100.00	6,545.60	6,467.01	6,465.39	53.85	1.69	-91.46	-374.71	-3,023.88	2,315.12	2,260.56	54.57	42.427		
7,200.00	6,626.13	6,540.22	6,538.60	55.05	1.70	-85.88	-375.24	-3,023.89	2,313.60	2,258.02	55.58	41.630		
7,300.00	6,696.49	6,601.75	6,600.13	56.46	1.70	-83.57	-375.86	-3,024.08	2,305.35	2,248.59	56.76	40.612		
7,400.00	6,754.56	6,650.08	6,648.45	58.05	1.71	-83.22	-376.55	-3,024.22	2,291.49	2,233.40	58.09	39.446		
7,500.00	6,798.57	6,686.42	6,684.79	59.78	1.72	-84.13	-377.26	-3,024.25	2,273.24	2,213.73	59.51	38.199		
7,600.00	6,827.18	6,710.06	6,708.42	61.58	1.72	-85.83	-377.80	-3,024.24	2,251.75	2,190.79	60.96	36.939		
7,700.00	6,839.51	6,720.22	6,718.57	63.39	1.72	-88.01	-378.05	-3,024.22	2,228.09	2,165.72	62.37	35.724		
7,800.00	6,840.00	6,720.43	6,718.79	65.19	1.72	-88.58	-378.05	-3,024.22	2,204.64	2,140.93	63.71	34.605		
7,900.00	6,840.00	6,720.25	6,718.61	67.04	1.72	-88.58	-378.05	-3,024.22	2,185.35	2,120.34	65.01	33.615		
8,000.00	6,840.00	6,720.07	6,718.42	68.95	1.72	-88.57	-378.04	-3,024.22	2,170.51	2,104.24	66.27	32.753		
8,100.00	6,840.00	6,719.88	6,718.24	70.91	1.72	-88.57	-378.04	-3,024.22	2,160.20	2,092.73	67.46	32.020		
8,200.00	6,840.00	6,719.70	6,718.06	72.91	1.72	-88.56	-378.03	-3,024.22	2,154.48	2,085.90	68.58	31.413		
8,273.30	6,840.00	6,719.57	6,717.93	74.41	1.72	-88.56	-378.03	-3,024.22	2,153.23	2,083.88	69.36	31.046 CC		
8,300.00	6,840.00	6,719.53	6,717.89	74.96	1.72	-88.56	-378.03	-3,024.22	2,153.40	2,083.78	69.62	30.930 ES		
8,400.00	6,840.00	6,719.35	6,717.71	77.05	1.72	-88.56	-378.02	-3,024.22	2,156.96	2,086.39	70.56	30.567		
8,500.00	6,840.00	6,719.18	6,717.54	79.18	1.72	-88.55	-378.02	-3,024.22	2,165.13	2,093.73	71.40	30.322		
8,600.00	6,840.00	6,719.01	6,717.37	81.34	1.72	-88.55	-378.02	-3,024.22	2,177.88	2,105.74	72.14	30.190		
8,700.00	6,840.00	6,718.84	6,717.20	83.54	1.72	-88.54	-378.01	-3,024.22	2,195.10	2,122.34	72.77	30.167 SF		
8,800.00	6,840.00	6,718.67	6,717.03	85.76	1.72	-88.54	-378.01	-3,024.22	2,216.71	2,143.43	73.28	30.248		
8,900.00	6,840.00	6,718.50	6,716.86	88.02	1.72	-88.53	-378.00	-3,024.22	2,242.58	2,168.88	73.70	30.430		
9,000.00	6,840.00	6,718.34	6,716.70	90.30	1.72	-88.53	-378.00	-3,024.22	2,272.55	2,198.55	74.01	30.707		
9,100.00	6,840.00	6,718.18	6,716.53	92.60	1.72	-88.52	-377.99	-3,024.22	2,306.48	2,232.26	74.22	31.076		
9,200.00	6,840.00	6,718.01	6,716.37	94.93	1.72	-88.52	-377.99	-3,024.22	2,344.18	2,269.84	74.34	31.531		
9,300.00	6,840.00	6,717.85	6,716.21	97.28	1.72	-88.52	-377.99	-3,024.22	2,385.48	2,311.09	74.39	32.069		
9,400.00	6,840.00	6,717.70	6,716.06	99.65	1.72	-88.51	-377.98	-3,024.22	2,430.20	2,355.84	74.35	32.684		
9,500.00	6,840.00	6,717.54	6,715.90	102.03	1.72	-88.51	-377.98	-3,024.22	2,478.14	2,403.89	74.25	33.373		
9,600.00	6,840.00	6,717.39	6,715.75	104.43	1.72	-88.50	-377.97	-3,024.22	2,529.14	2,455.04	74.10	34.132		
9,700.00	6,840.00	6,717.23	6,715.59	106.85	1.72	-88.50	-377.97	-3,024.22	2,583.00	2,509.10	73.89	34.956		
9,800.00	6,840.00	6,717.08	6,715.44	109.29	1.72	-88.49	-377.97	-3,024.22	2,639.55	2,565.90	73.64	35.842		
9,900.00	6,840.00	6,716.93	6,715.29	111.73	1.72	-88.49	-377.96	-3,024.22	2,698.62	2,625.26	73.36	36.786		
10,000.00	6,840.00	6,716.79	6,715.14	114.19	1.72	-88.49	-377.96	-3,024.22	2,760.05	2,687.01	73.05	37.785		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,100.00	6,840.00	6,716.64	6,715.00	116.66	1.72	-88.48	-377.96	-3,024.22	2,823.69	2,750.98	72.71	38.836		
10,200.00	6,840.00	6,716.49	6,714.85	119.15	1.72	-88.48	-377.95	-3,024.22	2,889.39	2,817.04	72.35	39.935		
10,300.00	6,840.00	6,716.35	6,714.71	121.64	1.72	-88.48	-377.95	-3,024.23	2,957.01	2,885.03	71.98	41.080		
10,400.00	6,840.00	6,716.21	6,714.57	124.14	1.72	-88.47	-377.95	-3,024.23	3,026.42	2,954.82	71.60	42.267		
10,500.00	6,840.00	6,716.07	6,714.43	126.65	1.72	-88.47	-377.94	-3,024.23	3,097.51	3,026.29	71.22	43.495		
10,600.00	6,840.00	6,715.93	6,714.29	129.18	1.72	-88.46	-377.94	-3,024.23	3,170.16	3,099.33	70.83	44.760		
10,700.00	6,840.00	6,715.79	6,714.15	131.70	1.72	-88.46	-377.94	-3,024.23	3,244.26	3,173.83	70.43	46.061		
10,800.00	6,840.00	6,715.65	6,714.01	134.24	1.72	-88.46	-377.93	-3,024.23	3,319.73	3,249.68	70.04	47.395		
10,900.00	6,840.00	6,715.52	6,713.88	136.79	1.72	-88.45	-377.93	-3,024.23	3,396.46	3,326.80	69.66	48.760		
11,000.00	6,840.00	6,715.38	6,713.74	139.34	1.72	-88.45	-377.93	-3,024.23	3,474.37	3,405.10	69.27	50.154		
11,100.00	6,840.00	6,715.25	6,713.61	141.90	1.72	-88.45	-377.92	-3,024.23	3,553.39	3,484.50	68.90	51.576		
11,200.00	6,840.00	6,715.12	6,713.48	144.46	1.72	-88.44	-377.92	-3,024.23	3,633.45	3,564.92	68.52	53.024		
11,300.00	6,840.00	6,714.99	6,713.35	147.03	1.72	-88.44	-377.92	-3,024.23	3,714.47	3,646.31	68.16	54.495		
11,400.00	6,840.00	6,714.86	6,713.22	149.60	1.72	-88.44	-377.91	-3,024.23	3,796.39	3,728.59	67.81	55.990		
11,500.00	6,840.00	6,714.73	6,713.09	152.18	1.72	-88.43	-377.91	-3,024.23	3,879.17	3,811.71	67.46	57.505		
11,600.00	6,840.00	6,714.60	6,712.96	154.77	1.72	-88.43	-377.91	-3,024.23	3,962.74	3,895.62	67.12	59.040		
11,700.00	6,840.00	6,714.48	6,712.84	157.36	1.72	-88.43	-377.90	-3,024.23	4,047.05	3,980.26	66.79	60.594		
11,800.00	6,840.00	6,714.35	6,712.71	159.95	1.72	-88.42	-377.90	-3,024.23	4,132.06	4,065.60	66.47	62.166		
11,900.00	6,840.00	6,714.23	6,712.59	162.55	1.72	-88.42	-377.90	-3,024.23	4,217.74	4,151.58	66.16	63.754		
12,000.00	6,840.00	6,714.11	6,712.47	165.16	1.72	-88.42	-377.89	-3,024.23	4,304.03	4,238.17	65.85	65.357		
12,100.00	6,840.00	6,713.99	6,712.35	167.76	1.72	-88.41	-377.89	-3,024.23	4,390.90	4,325.33	65.56	66.974		
12,200.00	6,840.00	6,713.87	6,712.23	170.37	1.72	-88.41	-377.89	-3,024.23	4,478.32	4,413.04	65.28	68.605		
12,300.00	6,840.00	6,713.75	6,712.11	172.99	1.72	-88.41	-377.89	-3,024.23	4,566.25	4,501.25	65.00	70.248		
12,400.00	6,840.00	6,713.63	6,711.99	175.60	1.72	-88.40	-377.88	-3,024.23	4,654.67	4,589.94	64.74	71.903		
12,500.00	6,840.00	6,713.51	6,711.87	178.23	1.72	-88.40	-377.88	-3,024.23	4,743.56	4,679.08	64.48	73.568		
12,600.00	6,840.00	6,713.40	6,711.76	180.85	1.72	-88.40	-377.88	-3,024.23	4,832.87	4,768.64	64.23	75.244		
12,700.00	6,840.00	6,713.28	6,711.64	183.47	1.72	-88.39	-377.87	-3,024.23	4,922.60	4,858.61	63.99	76.929		
12,800.00	6,840.00	6,713.17	6,711.53	186.10	1.72	-88.39	-377.87	-3,024.23	5,012.72	4,948.96	63.76	78.624		
12,900.00	6,840.00	6,713.06	6,711.42	188.74	1.72	-88.39	-377.87	-3,024.23	5,103.20	5,039.67	63.53	80.326		
13,000.00	6,840.00	6,712.95	6,711.31	191.37	1.72	-88.38	-377.87	-3,024.23	5,194.03	5,130.72	63.31	82.036		
13,100.00	6,840.00	6,712.84	6,711.20	194.01	1.72	-88.38	-377.86	-3,024.23	5,285.20	5,222.09	63.11	83.752		
13,200.00	6,840.00	6,712.73	6,711.09	196.65	1.72	-88.38	-377.86	-3,024.23	5,376.68	5,313.78	62.90	85.476		
13,300.00	6,840.00	6,712.62	6,710.98	199.29	1.72	-88.38	-377.86	-3,024.23	5,468.46	5,405.75	62.71	87.205		
13,400.00	6,840.00	6,712.51	6,710.87	201.93	1.72	-88.37	-377.85	-3,024.23	5,560.52	5,498.00	62.52	88.940		
13,500.00	6,840.00	6,712.40	6,710.76	204.58	1.72	-88.37	-377.85	-3,024.23	5,652.85	5,590.51	62.34	90.680		
13,600.00	6,840.00	6,700.00	6,698.36	207.22	1.72	-88.04	-377.56	-3,024.25	5,745.46	5,683.34	62.11	92.499		
13,700.00	6,840.00	6,700.00	6,698.36	209.87	1.72	-88.04	-377.56	-3,024.25	5,838.29	5,776.34	61.95	94.249		
13,800.00	6,840.00	6,700.00	6,698.36	212.52	1.72	-88.04	-377.56	-3,024.25	5,931.35	5,869.57	61.78	96.002		
13,900.00	6,840.00	6,700.00	6,698.36	215.18	1.72	-88.04	-377.56	-3,024.25	6,024.64	5,963.01	61.63	97.758		
14,000.00	6,840.00	6,700.00	6,698.36	217.83	1.72	-88.04	-377.56	-3,024.25	6,118.14	6,056.66	61.48	99.518		
14,100.00	6,840.00	6,700.00	6,698.36	220.49	1.72	-88.04	-377.56	-3,024.25	6,211.84	6,150.50	61.33	101.281		
14,200.00	6,840.00	6,700.00	6,698.36	223.15	1.72	-88.04	-377.56	-3,024.25	6,305.73	6,244.54	61.19	103.046		
14,300.00	6,840.00	6,700.00	6,698.36	225.81	1.72	-88.04	-377.56	-3,024.25	6,399.81	6,338.75	61.06	104.813		
14,400.00	6,840.00	6,700.00	6,698.36	228.47	1.72	-88.04	-377.56	-3,024.25	6,494.07	6,433.14	60.93	106.582		
14,500.00	6,840.00	6,700.00	6,698.36	231.13	1.72	-88.04	-377.56	-3,024.25	6,588.49	6,527.69	60.81	108.352		
14,600.00	6,840.00	6,700.00	6,698.36	233.79	1.72	-88.04	-377.56	-3,024.25	6,683.08	6,622.40	60.69	110.124		
14,700.00	6,840.00	6,700.00	6,698.36	236.46	1.72	-88.04	-377.56	-3,024.25	6,777.83	6,717.25	60.57	111.897		
14,800.00	6,840.00	6,700.00	6,698.36	239.12	1.72	-88.04	-377.56	-3,024.25	6,872.72	6,812.26	60.46	113.670		
14,900.00	6,840.00	6,700.00	6,698.36	241.79	1.72	-88.04	-377.56	-3,024.25	6,967.75	6,907.40	60.36	115.444		
15,000.00	6,840.00	6,700.00	6,698.36	244.46	1.72	-88.04	-377.56	-3,024.25	7,062.93	7,002.67	60.25	117.219		
15,100.00	6,840.00	6,700.00	6,698.36	247.13	1.72	-88.04	-377.56	-3,024.25	7,158.23	7,098.07	60.16	118.994		
15,200.00	6,840.00	6,700.00	6,698.36	249.80	1.72	-88.04	-377.56	-3,024.25	7,253.66	7,193.60	60.06	120.768		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,300.00	6,840.00	6,700.00	6,698.36	252.47	1.72	-88.04	-377.56	-3,024.25	7,349.21	7,289.24	59.97	122.542		
15,400.00	6,840.00	6,700.00	6,698.36	255.15	1.72	-88.04	-377.56	-3,024.25	7,444.88	7,384.99	59.89	124.316		
15,500.00	6,840.00	6,700.00	6,698.36	257.82	1.72	-88.04	-377.56	-3,024.25	7,540.66	7,480.86	59.80	126.089		
15,600.00	6,840.00	6,700.00	6,698.36	260.50	1.72	-88.04	-377.56	-3,024.25	7,636.55	7,576.83	59.73	127.862		
15,700.00	6,840.00	6,700.00	6,698.36	263.17	1.72	-88.04	-377.56	-3,024.25	7,732.55	7,672.90	59.65	129.633		
15,800.00	6,840.00	6,700.00	6,698.36	265.85	1.72	-88.04	-377.56	-3,024.25	7,828.64	7,769.06	59.58	131.403		
15,900.00	6,840.00	6,700.00	6,698.36	268.53	1.72	-88.04	-377.56	-3,024.25	7,924.83	7,865.32	59.51	133.172		
16,000.00	6,840.00	6,700.00	6,698.36	271.20	1.72	-88.04	-377.56	-3,024.25	8,021.11	7,961.67	59.44	134.939		
16,100.00	6,840.00	6,700.00	6,698.36	273.88	1.72	-88.04	-377.56	-3,024.25	8,117.49	8,058.11	59.38	136.705		
16,200.00	6,840.00	6,700.00	6,698.36	276.56	1.72	-88.04	-377.56	-3,024.25	8,213.95	8,154.63	59.32	138.469		
16,300.00	6,840.00	6,700.00	6,698.36	279.25	1.72	-88.04	-377.56	-3,024.25	8,310.49	8,251.23	59.26	140.232		
16,400.00	6,840.00	6,700.00	6,698.36	281.93	1.72	-88.04	-377.56	-3,024.25	8,407.12	8,347.91	59.21	141.992		
16,500.00	6,840.00	6,700.00	6,698.36	284.61	1.72	-88.04	-377.56	-3,024.25	8,503.82	8,444.66	59.16	143.750		
16,600.00	6,840.00	6,700.00	6,698.36	287.29	1.72	-88.04	-377.56	-3,024.25	8,600.60	8,541.49	59.11	145.506		
16,700.00	6,840.00	6,700.00	6,698.36	289.98	1.72	-88.04	-377.56	-3,024.25	8,697.45	8,638.39	59.06	147.259		
16,800.00	6,840.00	6,700.00	6,698.36	292.66	1.72	-88.04	-377.56	-3,024.25	8,794.37	8,735.35	59.02	149.011		
16,900.00	6,840.00	6,700.00	6,698.36	295.35	1.72	-88.04	-377.56	-3,024.25	8,891.36	8,832.38	58.98	150.759		
17,000.00	6,840.00	6,700.00	6,698.36	298.03	1.72	-88.04	-377.56	-3,024.25	8,988.41	8,929.48	58.94	152.505		
17,100.00	6,840.00	6,700.00	6,698.36	300.72	1.72	-88.04	-377.56	-3,024.25	9,085.53	9,026.63	58.90	154.248		
17,200.00	6,840.00	6,700.00	6,698.36	303.41	1.72	-88.04	-377.56	-3,024.25	9,182.72	9,123.85	58.87	155.988		
17,300.00	6,840.00	6,700.00	6,698.36	306.09	1.72	-88.04	-377.56	-3,024.25	9,279.96	9,221.12	58.84	157.726		
17,400.00	6,840.00	6,700.00	6,698.36	308.78	1.72	-88.04	-377.56	-3,024.25	9,377.26	9,318.45	58.81	159.460		
17,500.00	6,840.00	6,700.00	6,698.36	311.47	1.72	-88.04	-377.56	-3,024.25	9,474.61	9,415.83	58.78	161.191		
17,600.00	6,840.00	6,700.00	6,698.36	314.16	1.72	-88.04	-377.56	-3,024.25	9,572.02	9,513.27	58.75	162.919		
17,700.00	6,840.00	6,700.00	6,698.36	316.85	1.72	-88.04	-377.56	-3,024.25	9,669.48	9,610.75	58.73	164.643		
17,800.00	6,840.00	6,700.00	6,698.36	319.54	1.72	-88.04	-377.56	-3,024.25	9,767.00	9,708.29	58.71	166.364		
17,900.00	6,840.00	6,700.00	6,698.36	322.23	1.72	-88.04	-377.56	-3,024.25	9,864.56	9,805.87	58.69	168.082		
18,000.00	6,840.00	6,700.00	6,698.36	324.92	1.72	-88.04	-377.56	-3,024.25	9,962.17	9,903.50	58.67	169.796		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-112.65	-1,709.35	-4,096.64	4,439.59					
100.00	100.00	26.29	26.29	0.13	0.03	-112.65	-1,709.32	-4,096.65	4,438.95	4,438.79	0.16	N/A		
200.00	200.00	135.19	135.19	0.49	0.15	-112.64	-1,708.58	-4,096.84	4,438.85	4,438.21	0.64	6,903.806		
300.00	300.00	233.55	233.54	0.85	0.26	-112.62	-1,707.45	-4,096.95	4,438.52	4,437.41	1.11	4,001.206		
333.69	333.69	258.70	258.69	0.97	0.29	-112.62	-1,707.17	-4,097.04	4,438.49	4,437.24	1.25	3,554.926		
400.00	400.00	316.18	316.16	1.21	0.33	-112.61	-1,706.61	-4,097.39	4,438.60	4,437.08	1.53	2,907.980		
500.00	499.98	445.87	445.84	1.57	0.41	-63.37	-1,704.99	-4,097.75	4,437.57	4,435.62	1.96	2,266.169		
600.00	599.84	549.74	549.71	1.93	0.47	-63.47	-1,703.81	-4,097.65	4,434.70	4,432.33	2.37	1,870.812		
700.00	699.45	632.47	632.43	2.29	0.52	-63.62	-1,702.83	-4,097.62	4,430.33	4,427.56	2.77	1,598.917		
800.00	798.70	700.00	699.96	2.67	0.54	-63.80	-1,702.24	-4,098.03	4,425.12	4,421.95	3.17	1,396.299		
900.00	897.47	831.67	831.61	3.07	0.61	-64.14	-1,700.61	-4,098.83	4,418.23	4,414.62	3.61	1,223.502		
1,000.00	995.62	918.72	918.66	3.50	0.65	-64.48	-1,700.02	-4,098.99	4,409.74	4,405.68	4.06	1,086.204		
1,100.00	1,093.06	1,000.86	1,000.79	3.97	0.68	-64.86	-1,699.18	-4,099.56	4,400.14	4,395.60	4.53	970.930		
1,200.00	1,189.64	1,114.77	1,114.69	4.47	0.74	-65.39	-1,697.89	-4,100.29	4,389.07	4,384.02	5.05	869.742		
1,300.00	1,285.27	1,194.12	1,194.04	5.01	0.77	-65.89	-1,697.31	-4,100.71	4,376.75	4,371.16	5.59	783.522		
1,400.00	1,379.82	1,311.15	1,311.07	5.61	0.81	-66.59	-1,696.27	-4,101.26	4,363.06	4,356.89	6.18	706.345		
1,500.00	1,473.17	1,377.28	1,377.20	6.25	0.83	-67.15	-1,695.86	-4,101.57	4,348.33	4,341.53	6.80	639.696		
1,600.00	1,565.21	1,463.18	1,463.09	6.96	0.86	-67.84	-1,695.73	-4,102.25	4,332.95	4,325.47	7.48	579.224		
1,700.00	1,656.01	1,562.24	1,562.15	7.72	0.89	-68.51	-1,695.24	-4,103.08	4,316.65	4,308.43	8.22	525.020		
1,800.00	1,746.60	1,637.82	1,637.72	8.50	0.92	-68.91	-1,694.91	-4,103.65	4,300.48	4,291.49	8.99	478.603		
1,900.00	1,837.19	1,700.00	1,699.89	9.30	0.95	-69.23	-1,694.55	-4,104.62	4,285.23	4,275.46	9.76	438.886		
2,000.00	1,927.79	1,852.20	1,852.08	10.12	1.00	-70.03	-1,693.79	-4,106.07	4,269.78	4,259.21	10.57	403.804		
2,100.00	2,018.38	1,944.03	1,943.91	10.93	1.04	-70.52	-1,692.89	-4,106.44	4,254.11	4,242.73	11.38	373.728		
2,200.00	2,108.97	2,034.96	2,034.82	11.76	1.07	-70.99	-1,691.34	-4,107.37	4,238.97	4,226.77	12.20	347.387		
2,300.00	2,199.56	2,141.80	2,141.64	12.59	1.11	-71.55	-1,689.52	-4,107.99	4,223.79	4,210.76	13.03	324.082		
2,400.00	2,290.15	2,224.22	2,224.05	13.43	1.14	-72.00	-1,688.46	-4,108.26	4,208.97	4,195.10	13.87	303.483		
2,500.00	2,380.75	2,298.96	2,298.78	14.26	1.17	-72.40	-1,687.57	-4,108.75	4,194.80	4,180.08	14.71	285.156		
2,600.00	2,471.34	2,367.73	2,367.54	15.11	1.20	-72.77	-1,686.63	-4,109.64	4,181.40	4,165.84	15.56	268.760		
2,700.00	2,561.93	2,453.64	2,453.43	15.95	1.23	-73.22	-1,685.32	-4,111.26	4,168.75	4,152.34	16.41	253.988		
2,800.00	2,652.52	2,553.06	2,552.83	16.80	1.26	-73.76	-1,684.19	-4,112.76	4,156.34	4,139.07	17.28	240.596		
2,900.00	2,743.12	2,646.00	2,645.74	17.64	1.30	-74.26	-1,682.50	-4,114.40	4,144.15	4,126.01	18.14	228.445		
3,000.00	2,833.71	2,738.58	2,738.29	18.49	1.33	-74.75	-1,680.66	-4,116.17	4,132.36	4,113.35	19.01	217.374		
3,100.00	2,924.30	2,867.33	2,867.02	19.35	1.38	-75.46	-1,678.97	-4,117.54	4,120.66	4,100.77	19.89	207.215		
3,200.00	3,014.89	2,964.14	2,963.81	20.20	1.41	-75.99	-1,676.88	-4,118.14	4,108.50	4,087.74	20.76	197.878		
3,300.00	3,105.48	3,044.13	3,043.76	21.05	1.44	-76.43	-1,674.86	-4,119.07	4,096.93	4,075.29	21.64	189.298		
3,400.00	3,196.08	3,123.76	3,123.37	21.91	1.47	-76.87	-1,673.45	-4,119.85	4,085.99	4,063.46	22.53	181.385		
3,500.00	3,286.67	3,203.30	3,202.88	22.76	1.50	-77.30	-1,671.78	-4,121.11	4,075.69	4,052.28	23.41	174.081		
3,600.00	3,377.26	3,299.73	3,299.28	23.62	1.53	-77.83	-1,669.80	-4,122.70	4,065.84	4,041.54	24.30	167.304		
3,700.00	3,467.85	3,435.11	3,434.61	24.47	1.58	-78.58	-1,666.29	-4,124.25	4,055.63	4,030.44	25.19	160.973		
3,800.00	3,558.45	3,546.30	3,545.71	25.33	1.62	-79.19	-1,662.24	-4,125.66	4,045.39	4,019.30	26.09	155.069		
3,900.00	3,649.04	3,726.70	3,725.91	26.19	1.68	-80.17	-1,653.83	-4,125.95	4,034.07	4,007.10	26.98	149.541		
4,000.00	3,739.63	3,824.86	3,823.94	27.05	1.71	-80.71	-1,648.82	-4,125.04	4,022.10	3,994.22	27.88	144.289		
4,100.00	3,830.22	3,918.38	3,917.34	27.90	1.74	-81.24	-1,644.40	-4,123.72	4,010.37	3,981.59	28.78	139.358		
4,200.00	3,920.81	3,999.18	3,998.04	28.76	1.76	-81.69	-1,640.53	-4,122.76	3,999.14	3,969.46	29.68	134.727		
4,300.00	4,011.41	4,060.44	4,059.24	29.62	1.78	-82.04	-1,637.72	-4,122.34	3,988.76	3,958.17	30.59	130.383		
4,400.00	4,102.00	4,126.72	4,125.47	30.48	1.80	-82.42	-1,635.12	-4,122.17	3,979.44	3,947.94	31.50	126.325		
4,500.00	4,192.59	4,200.00	4,198.69	31.34	1.83	-82.83	-1,632.23	-4,122.42	3,970.94	3,938.53	32.41	122.522		
4,600.00	4,283.18	4,262.97	4,261.61	32.20	1.85	-83.18	-1,629.81	-4,123.08	3,963.37	3,930.05	33.32	118.958		
4,700.00	4,373.78	4,330.83	4,329.43	33.06	1.87	-83.57	-1,627.50	-4,124.23	3,956.86	3,922.64	34.22	115.619		
4,800.00	4,464.37	4,416.15	4,414.71	33.92	1.90	-84.06	-1,625.41	-4,125.41	3,951.12	3,915.99	35.13	112.473		
4,900.00	4,554.96	4,530.06	4,528.57	34.78	1.94	-84.71	-1,622.37	-4,126.56	3,945.36	3,909.33	36.04	109.483		
5,000.00	4,645.55	4,622.21	4,620.68	35.64	1.97	-85.24	-1,619.63	-4,127.75	3,940.03	3,903.09	36.94	106.651		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,100.00	4,736.14	4,749.94	4,748.33	36.51	2.02	-85.98	-1,615.45	-4,128.27	3,934.23	3,896.38	37.85	103.939		
5,200.00	4,826.74	4,852.14	4,850.50	37.37	2.05	-86.60	-1,612.87	-4,127.60	3,928.73	3,889.97	38.76	101.354		
5,300.00	4,917.33	4,945.05	4,943.37	38.23	2.07	-87.16	-1,610.39	-4,126.51	3,923.22	3,883.54	39.67	98.886		
5,400.00	5,007.92	5,017.97	5,016.26	39.09	2.09	-87.60	-1,608.49	-4,126.02	3,918.50	3,877.92	40.58	96.555		
5,500.00	5,098.51	5,096.73	5,094.99	39.95	2.12	-88.06	-1,606.34	-4,126.02	3,914.55	3,873.06	41.49	94.351		
5,600.00	5,189.11	5,186.61	5,184.84	40.81	2.15	-88.60	-1,604.08	-4,126.06	3,911.19	3,868.80	42.39	92.257		
5,700.00	5,279.70	5,248.97	5,247.19	41.68	2.17	-88.98	-1,602.88	-4,125.95	3,908.56	3,865.26	43.29	90.283		
5,800.00	5,370.29	5,308.75	5,306.96	42.54	2.18	-89.34	-1,602.06	-4,126.29	3,907.13	3,862.94	44.18	88.427		
5,900.00	5,460.88	5,384.82	5,383.03	43.40	2.21	-89.80	-1,601.43	-4,126.87	3,906.65	3,861.58	45.07	86.678		
5,910.47	5,470.37	5,392.77	5,390.97	43.49	2.21	-89.85	-1,601.39	-4,126.93	3,906.65	3,861.48	45.16	86.500		
6,000.00	5,551.47	5,478.84	5,477.05	44.26	2.24	-90.37	-1,600.92	-4,127.58	3,906.79	3,860.84	45.96	85.012		
6,100.00	5,642.07	5,616.31	5,614.50	45.13	2.28	-91.20	-1,598.83	-4,128.61	3,906.67	3,859.82	46.85	83.392		
6,135.69	5,674.40	5,639.80	5,637.97	45.43	2.29	-91.34	-1,598.32	-4,128.82	3,906.60	3,859.44	47.16	82.835		
6,200.00	5,732.66	5,682.18	5,680.35	45.99	2.30	-91.59	-1,597.46	-4,129.35	3,906.81	3,859.09	47.73	81.858		
6,300.00	5,823.25	5,813.49	5,811.62	46.85	2.35	-92.36	-1,594.77	-4,130.70	3,907.41	3,858.80	48.61	80.378		
6,400.00	5,913.84	5,877.90	5,876.01	47.72	2.37	-92.75	-1,593.37	-4,131.30	3,908.17	3,858.68	49.49	78.973		
6,500.00	6,004.44	5,966.54	5,964.63	48.58	2.40	-93.27	-1,591.64	-4,132.29	3,909.66	3,859.30	50.36	77.632		
6,600.00	6,095.03	6,064.14	6,062.22	49.44	2.43	-93.86	-1,590.16	-4,132.66	3,911.48	3,860.25	51.23	76.344		
6,700.00	6,185.62	6,174.27	6,172.32	50.30	2.47	-94.52	-1,587.91	-4,133.33	3,913.48	3,861.37	52.11	75.103		
6,800.00	6,276.21	6,266.37	6,264.39	51.17	2.50	-95.06	-1,585.64	-4,133.86	3,915.56	3,862.59	52.97	73.916		
6,900.00	6,366.80	6,357.63	6,355.60	52.03	2.53	-95.59	-1,582.93	-4,135.17	3,918.13	3,864.30	53.83	72.784		
7,000.00	6,457.40	6,439.90	6,437.79	52.89	2.56	-96.05	-1,579.98	-4,137.11	3,921.13	3,866.44	54.68	71.706		
7,100.00	6,545.60	6,510.32	6,508.16	53.85	2.58	-96.50	-1,577.80	-4,138.85	3,920.88	3,865.25	55.62	70.489		
7,200.00	6,626.13	6,579.44	6,577.21	55.05	2.61	-91.05	-1,575.69	-4,141.04	3,911.29	3,854.48	56.81	68.854		
7,300.00	6,696.49	6,639.43	6,637.11	56.46	2.63	-79.07	-1,573.70	-4,143.56	3,892.91	3,834.70	58.21	66.879		
7,400.00	6,754.56	6,689.81	6,687.41	58.05	2.64	-79.40	-1,571.98	-4,146.08	3,866.68	3,806.88	59.80	64.663		
7,500.00	6,798.57	6,726.11	6,723.62	59.78	2.65	-81.35	-1,570.74	-4,148.12	3,833.75	3,772.23	61.52	62.312		
7,600.00	6,827.18	6,750.73	6,748.19	61.58	2.66	-84.57	-1,569.94	-4,149.58	3,795.42	3,732.09	63.33	59.927		
7,700.00	6,839.51	6,764.05	6,761.47	63.39	2.67	-88.81	-1,569.52	-4,150.40	3,753.01	3,687.85	65.16	57.599		
7,800.00	6,840.00	6,768.93	6,766.35	65.19	2.67	-90.02	-1,569.37	-4,150.70	3,709.07	3,642.11	66.97	55.387		
7,900.00	6,840.00	6,773.54	6,770.94	67.04	2.67	-90.10	-1,569.23	-4,150.99	3,667.17	3,598.37	68.82	53.289		
8,000.00	6,840.00	6,778.21	6,775.61	68.95	2.67	-90.18	-1,569.09	-4,151.29	3,627.57	3,556.86	70.71	51.302		
8,100.00	6,840.00	6,782.97	6,780.35	70.91	2.67	-90.26	-1,568.95	-4,151.59	3,590.29	3,517.66	72.64	49.427		
8,200.00	6,840.00	6,787.80	6,785.16	72.91	2.67	-90.35	-1,568.81	-4,151.91	3,555.43	3,480.84	74.59	47.663		
8,300.00	6,840.00	6,792.70	6,790.06	74.96	2.67	-90.43	-1,568.66	-4,152.22	3,523.05	3,446.48	76.57	46.008		
8,400.00	6,840.00	6,800.00	6,797.34	77.05	2.68	-90.55	-1,568.45	-4,152.70	3,493.23	3,414.66	78.57	44.459		
8,500.00	6,840.00	6,803.14	6,800.47	79.18	2.68	-90.61	-1,568.36	-4,152.91	3,466.03	3,385.45	80.57	43.017		
8,600.00	6,840.00	6,808.93	6,806.24	81.34	2.68	-90.71	-1,568.20	-4,153.29	3,441.50	3,358.93	82.58	41.676		
8,700.00	6,840.00	6,814.70	6,812.00	83.54	2.68	-90.80	-1,568.04	-4,153.67	3,419.72	3,335.14	84.57	40.434		
8,800.00	6,840.00	6,820.46	6,817.74	85.76	2.68	-90.90	-1,567.88	-4,154.05	3,400.72	3,314.17	86.56	39.289		
8,900.00	6,840.00	6,826.20	6,823.47	88.02	2.68	-91.00	-1,567.72	-4,154.43	3,384.57	3,296.05	88.52	38.236		
9,000.00	6,840.00	6,831.94	6,829.19	90.30	2.68	-91.10	-1,567.56	-4,154.81	3,371.29	3,280.84	90.45	37.274		
9,100.00	6,840.00	6,837.66	6,834.90	92.60	2.69	-91.20	-1,567.40	-4,155.18	3,360.93	3,268.59	92.34	36.398		
9,200.00	6,840.00	6,843.37	6,840.59	94.93	2.69	-91.29	-1,567.25	-4,155.56	3,353.50	3,259.32	94.18	35.606		
9,300.00	6,840.00	6,849.06	6,846.27	97.28	2.69	-91.39	-1,567.10	-4,155.93	3,349.04	3,253.06	95.98	34.895		
9,400.00	6,840.00	6,854.74	6,851.94	99.65	2.69	-91.49	-1,566.95	-4,156.30	3,347.55	3,249.84	97.71	34.260		
9,400.17	6,840.00	6,854.75	6,851.95	99.65	2.69	-91.49	-1,566.95	-4,156.30	3,347.55	3,249.83	97.71	34.259 CC		
9,500.00	6,840.00	6,860.41	6,857.60	102.03	2.69	-91.59	-1,566.80	-4,156.67	3,349.03	3,249.65	99.38	33.699 ES		
9,600.00	6,840.00	6,866.07	6,863.24	104.43	2.69	-91.68	-1,566.66	-4,157.04	3,353.48	3,252.50	100.98	33.210		
9,700.00	6,840.00	6,871.72	6,868.87	106.85	2.70	-91.78	-1,566.51	-4,157.41	3,360.90	3,258.39	102.50	32.788		
9,800.00	6,840.00	6,877.35	6,874.49	109.29	2.70	-91.87	-1,566.37	-4,157.77	3,371.25	3,267.30	103.95	32.431		
9,900.00	6,840.00	6,882.97	6,880.10	111.73	2.70	-91.97	-1,566.23	-4,158.14	3,384.52	3,279.20	105.32	32.137		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,000.00	6,840.00	6,888.58	6,885.69	114.19	2.70	-92.07	-1,566.09	-4,158.50	3,400.67	3,294.07	106.60	31.902		
10,100.00	6,840.00	6,894.17	6,891.28	116.66	2.70	-92.16	-1,565.95	-4,158.87	3,419.65	3,311.86	107.79	31.724		
10,200.00	6,840.00	6,899.76	6,896.85	119.15	2.70	-92.26	-1,565.82	-4,159.23	3,441.43	3,332.52	108.91	31.600		
10,300.00	6,840.00	6,900.00	6,897.09	121.64	2.70	-92.26	-1,565.81	-4,159.24	3,465.95	3,356.03	109.92	31.532		
10,400.00	6,840.00	6,909.39	6,906.45	124.14	2.71	-92.42	-1,565.59	-4,159.85	3,493.14	3,382.28	110.87	31.508 SF		
10,500.00	6,840.00	6,914.09	6,911.15	126.65	2.71	-92.50	-1,565.48	-4,160.15	3,522.96	3,411.25	111.72	31.534		
10,600.00	6,840.00	6,918.74	6,915.79	129.18	2.71	-92.58	-1,565.37	-4,160.44	3,555.34	3,442.85	112.49	31.606		
10,700.00	6,840.00	6,923.33	6,920.37	131.70	2.71	-92.66	-1,565.27	-4,160.73	3,590.20	3,477.02	113.18	31.721		
10,800.00	6,840.00	6,927.87	6,924.89	134.24	2.71	-92.74	-1,565.17	-4,161.02	3,627.48	3,513.69	113.79	31.878		
10,900.00	6,840.00	6,932.34	6,929.36	136.79	2.71	-92.81	-1,565.07	-4,161.29	3,667.10	3,552.77	114.33	32.075		
11,000.00	6,840.00	6,936.77	6,933.77	139.34	2.71	-92.89	-1,564.98	-4,161.57	3,708.98	3,594.18	114.80	32.309		
11,100.00	6,840.00	6,941.14	6,938.13	141.90	2.72	-92.96	-1,564.89	-4,161.84	3,753.05	3,637.86	115.20	32.580		
11,200.00	6,840.00	6,945.45	6,942.44	144.46	2.72	-93.04	-1,564.80	-4,162.10	3,799.24	3,683.71	115.53	32.885		
11,300.00	6,840.00	6,949.72	6,946.69	147.03	2.72	-93.11	-1,564.71	-4,162.36	3,847.47	3,731.66	115.80	33.224		
11,400.00	6,840.00	6,953.93	6,950.90	149.60	2.72	-93.18	-1,564.63	-4,162.61	3,897.66	3,781.64	116.02	33.594		
11,500.00	6,840.00	6,958.09	6,955.05	152.18	2.72	-93.25	-1,564.54	-4,162.86	3,949.74	3,833.55	116.19	33.995		
11,600.00	6,840.00	6,962.21	6,959.16	154.77	2.72	-93.32	-1,564.46	-4,163.11	4,003.63	3,887.33	116.30	34.425		
11,700.00	6,840.00	6,966.27	6,963.22	157.36	2.72	-93.39	-1,564.39	-4,163.35	4,059.26	3,942.89	116.37	34.882		
11,800.00	6,840.00	6,970.29	6,967.23	159.95	2.72	-93.46	-1,564.31	-4,163.59	4,116.57	4,000.17	116.40	35.366		
11,900.00	6,840.00	6,974.26	6,971.19	162.55	2.72	-93.53	-1,564.24	-4,163.82	4,175.48	4,059.09	116.39	35.876		
12,000.00	6,840.00	6,978.19	6,975.11	165.16	2.72	-93.60	-1,564.17	-4,164.05	4,235.93	4,119.59	116.34	36.410		
12,100.00	6,840.00	6,982.07	6,978.98	167.76	2.73	-93.66	-1,564.10	-4,164.27	4,297.84	4,181.58	116.26	36.967		
12,200.00	6,840.00	6,985.91	6,982.81	170.37	2.73	-93.73	-1,564.03	-4,164.49	4,361.17	4,245.02	116.15	37.547		
12,300.00	6,840.00	7,000.00	6,996.88	172.99	2.73	-93.97	-1,563.80	-4,165.29	4,425.86	4,309.82	116.04	38.140		
12,400.00	6,840.00	7,000.00	6,996.88	175.60	2.73	-93.97	-1,563.80	-4,165.29	4,491.82	4,375.94	115.87	38.764		
12,500.00	6,840.00	7,000.00	6,996.88	178.23	2.73	-93.97	-1,563.80	-4,165.29	4,559.01	4,443.33	115.69	39.409		
12,600.00	6,840.00	7,000.00	6,996.88	180.85	2.73	-93.97	-1,563.80	-4,165.29	4,627.39	4,511.92	115.48	40.072		
12,700.00	6,840.00	7,000.00	6,996.88	183.47	2.73	-93.97	-1,563.80	-4,165.29	4,696.91	4,581.66	115.25	40.754		
12,800.00	6,840.00	7,000.00	6,996.88	186.10	2.73	-93.97	-1,563.80	-4,165.29	4,767.50	4,652.49	115.01	41.453		
12,900.00	6,840.00	7,000.00	6,996.88	188.74	2.73	-93.97	-1,563.80	-4,165.29	4,839.14	4,724.38	114.75	42.169		
13,000.00	6,840.00	7,000.00	6,996.88	191.37	2.73	-93.97	-1,563.80	-4,165.29	4,911.76	4,797.27	114.49	42.902		
13,100.00	6,840.00	7,000.00	6,996.88	194.01	2.73	-93.97	-1,563.80	-4,165.29	4,985.34	4,871.12	114.21	43.650		
13,200.00	6,840.00	7,000.00	6,996.88	196.65	2.73	-93.97	-1,563.80	-4,165.29	5,059.82	4,945.89	113.93	44.413		
13,300.00	6,840.00	7,000.00	6,996.88	199.29	2.73	-93.97	-1,563.80	-4,165.29	5,135.16	5,021.53	113.64	45.190		
13,400.00	6,840.00	7,000.00	6,996.88	201.93	2.73	-93.97	-1,563.80	-4,165.29	5,211.34	5,098.00	113.34	45.981		
13,500.00	6,840.00	7,000.00	6,996.88	204.58	2.73	-93.97	-1,563.80	-4,165.29	5,288.31	5,175.28	113.03	46.785		
13,600.00	6,840.00	7,000.00	6,996.88	207.22	2.73	-93.97	-1,563.80	-4,165.29	5,366.04	5,253.31	112.73	47.602		
13,700.00	6,840.00	7,000.00	6,996.88	209.87	2.73	-93.97	-1,563.80	-4,165.29	5,444.50	5,332.08	112.42	48.431		
13,800.00	6,840.00	7,000.00	6,996.88	212.52	2.73	-93.97	-1,563.80	-4,165.29	5,523.65	5,411.55	112.11	49.272		
13,900.00	6,840.00	7,000.00	6,996.88	215.18	2.73	-93.97	-1,563.80	-4,165.29	5,603.47	5,491.68	111.79	50.124		
14,000.00	6,840.00	7,000.00	6,996.88	217.83	2.73	-93.97	-1,563.80	-4,165.29	5,683.93	5,572.45	111.48	50.988		
14,100.00	6,840.00	7,000.00	6,996.88	220.49	2.73	-93.97	-1,563.80	-4,165.29	5,765.00	5,653.84	111.16	51.861		
14,200.00	6,840.00	7,000.00	6,996.88	223.15	2.73	-93.97	-1,563.80	-4,165.29	5,846.66	5,735.81	110.85	52.745		
14,300.00	6,840.00	7,000.00	6,996.88	225.81	2.73	-93.97	-1,563.80	-4,165.29	5,928.87	5,818.34	110.53	53.639		
14,400.00	6,840.00	7,000.00	6,996.88	228.47	2.73	-93.97	-1,563.80	-4,165.29	6,011.63	5,901.41	110.22	54.541		
14,500.00	6,840.00	7,000.00	6,996.88	231.13	2.73	-93.97	-1,563.80	-4,165.29	6,094.91	5,984.99	109.91	55.453		
14,600.00	6,840.00	7,000.00	6,996.88	233.79	2.73	-93.97	-1,563.80	-4,165.29	6,178.68	6,069.07	109.60	56.374		
14,700.00	6,840.00	7,000.00	6,996.88	236.46	2.73	-93.97	-1,563.80	-4,165.29	6,262.92	6,153.63	109.30	57.302		
14,800.00	6,840.00	7,000.00	6,996.88	239.12	2.73	-93.97	-1,563.80	-4,165.29	6,347.63	6,238.63	108.99	58.239		
14,900.00	6,840.00	7,000.00	6,996.88	241.79	2.73	-93.97	-1,563.80	-4,165.29	6,432.77	6,324.08	108.69	59.184		
15,000.00	6,840.00	7,000.00	6,996.88	244.46	2.73	-93.97	-1,563.80	-4,165.29	6,518.34	6,409.94	108.39	60.136		
15,100.00	6,840.00	7,000.00	6,996.88	247.13	2.73	-93.97	-1,563.80	-4,165.29	6,604.31	6,496.21	108.10	61.095		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,200.00	6,840.00	7,000.00	6,996.88	249.80	2.73	-93.97	-1,563.80	-4,165.29	6,690.67	6,582.86	107.81	62.061		
15,300.00	6,840.00	7,000.00	6,996.88	252.47	2.73	-93.97	-1,563.80	-4,165.29	6,777.40	6,669.88	107.52	63.033		
15,400.00	6,840.00	7,000.00	6,996.88	255.15	2.73	-93.97	-1,563.80	-4,165.29	6,864.50	6,757.26	107.24	64.013		
15,500.00	6,840.00	7,000.00	6,996.88	257.82	2.73	-93.97	-1,563.80	-4,165.29	6,951.94	6,844.99	106.96	64.998		
15,600.00	6,840.00	7,000.00	6,996.88	260.50	2.73	-93.97	-1,563.80	-4,165.29	7,039.72	6,933.04	106.68	65.989		
15,700.00	6,840.00	7,000.00	6,996.88	263.17	2.73	-93.97	-1,563.80	-4,165.29	7,127.82	7,021.41	106.41	66.986		
15,800.00	6,840.00	7,000.00	6,996.88	265.85	2.73	-93.97	-1,563.80	-4,165.29	7,216.23	7,110.09	106.14	67.988		
15,900.00	6,840.00	7,000.00	6,996.88	268.53	2.73	-93.97	-1,563.80	-4,165.29	7,304.94	7,199.07	105.88	68.995		
16,000.00	6,840.00	7,000.00	6,996.88	271.20	2.73	-93.97	-1,563.80	-4,165.29	7,393.94	7,288.32	105.62	70.008		
16,100.00	6,840.00	7,000.00	6,996.88	273.88	2.73	-93.97	-1,563.80	-4,165.29	7,483.21	7,377.86	105.36	71.026		
16,200.00	6,840.00	7,000.00	6,996.88	276.56	2.73	-93.97	-1,563.80	-4,165.29	7,572.76	7,467.65	105.11	72.048		
16,300.00	6,840.00	7,000.00	6,996.88	279.25	2.73	-93.97	-1,563.80	-4,165.29	7,662.56	7,557.70	104.86	73.075		
16,400.00	6,840.00	7,000.00	6,996.88	281.93	2.73	-93.97	-1,563.80	-4,165.29	7,752.61	7,648.00	104.62	74.106		
16,500.00	6,840.00	7,000.00	6,996.88	284.61	2.73	-93.97	-1,563.80	-4,165.29	7,842.90	7,738.53	104.38	75.141		
16,600.00	6,840.00	7,000.00	6,996.88	287.29	2.73	-93.97	-1,563.80	-4,165.29	7,933.43	7,829.29	104.14	76.181		
16,700.00	6,840.00	7,000.00	6,996.88	289.98	2.73	-93.97	-1,563.80	-4,165.29	8,024.18	7,920.27	103.91	77.224		
16,800.00	6,840.00	7,000.00	6,996.88	292.66	2.73	-93.97	-1,563.80	-4,165.29	8,115.15	8,011.47	103.68	78.271		
16,900.00	6,840.00	7,000.00	6,996.88	295.35	2.73	-93.97	-1,563.80	-4,165.29	8,206.33	8,102.87	103.46	79.322		
17,000.00	6,840.00	7,000.00	6,996.88	298.03	2.73	-93.97	-1,563.80	-4,165.29	8,297.71	8,194.47	103.24	80.376		
17,100.00	6,840.00	7,000.00	6,996.88	300.72	2.73	-93.97	-1,563.80	-4,165.29	8,389.29	8,286.27	103.02	81.433		
17,200.00	6,840.00	7,000.00	6,996.88	303.41	2.73	-93.97	-1,563.80	-4,165.29	8,481.06	8,378.25	102.81	82.494		
17,300.00	6,840.00	7,000.00	6,996.88	306.09	2.73	-93.97	-1,563.80	-4,165.29	8,573.01	8,470.41	102.60	83.557		
17,400.00	6,840.00	7,000.00	6,996.88	308.78	2.73	-93.97	-1,563.80	-4,165.29	8,665.14	8,562.74	102.40	84.624		
17,500.00	6,840.00	7,000.00	6,996.88	311.47	2.73	-93.97	-1,563.80	-4,165.29	8,757.44	8,655.25	102.20	85.693		
17,600.00	6,840.00	7,000.00	6,996.88	314.16	2.73	-93.97	-1,563.80	-4,165.29	8,849.91	8,747.91	102.00	86.765		
17,700.00	6,840.00	7,000.00	6,996.88	316.85	2.73	-93.97	-1,563.80	-4,165.29	8,942.55	8,840.74	101.81	87.839		
17,800.00	6,840.00	7,000.00	6,996.88	319.54	2.73	-93.97	-1,563.80	-4,165.29	9,035.34	8,933.72	101.62	88.916		
17,900.00	6,840.00	7,000.00	6,996.88	322.23	2.73	-93.97	-1,563.80	-4,165.29	9,128.28	9,026.85	101.43	89.996		
18,000.00	6,840.00	7,000.00	6,996.88	324.92	2.73	-93.97	-1,563.80	-4,165.29	9,221.37	9,120.12	101.25	91.077		
18,100.00	6,840.00	7,000.00	6,996.88	327.62	2.73	-93.97	-1,563.80	-4,165.29	9,314.60	9,213.53	101.07	92.161		
18,200.00	6,840.00	7,000.00	6,996.88	330.31	2.73	-93.97	-1,563.80	-4,165.29	9,407.97	9,307.08	100.89	93.247		
18,300.00	6,840.00	7,000.00	6,996.88	333.00	2.73	-93.97	-1,563.80	-4,165.29	9,501.48	9,400.76	100.72	94.334		
18,400.00	6,840.00	7,000.00	6,996.88	335.70	2.73	-93.97	-1,563.80	-4,165.29	9,595.12	9,494.56	100.55	95.424		
18,500.00	6,840.00	7,000.00	6,996.88	338.39	2.73	-93.97	-1,563.80	-4,165.29	9,688.88	9,588.49	100.39	96.515		
18,600.00	6,840.00	7,000.00	6,996.88	341.08	2.73	-93.97	-1,563.80	-4,165.29	9,782.77	9,682.55	100.22	97.608		
18,700.00	6,840.00	7,000.00	6,996.88	343.78	2.73	-93.97	-1,563.80	-4,165.29	9,876.78	9,776.71	100.07	98.703		
18,800.00	6,840.00	7,000.00	6,996.88	346.47	2.73	-93.97	-1,563.80	-4,165.29	9,970.90	9,870.99	99.91	99.799		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-119.54	-1,684.00	-2,972.17	3,416.41					
100.00	100.00	44.80	44.80	0.13	0.05	-119.54	-1,684.09	-2,972.18	3,416.15	3,415.97	0.18	N/A		
200.00	200.00	134.04	134.03	0.49	0.15	-119.55	-1,684.73	-2,972.27	3,416.59	3,415.95	0.64	5,335.720		
300.00	300.00	233.33	233.33	0.85	0.26	-119.55	-1,685.29	-2,972.62	3,417.17	3,416.06	1.11	3,083.660		
400.00	400.00	337.40	337.39	1.21	0.34	-119.55	-1,685.57	-2,973.10	3,417.71	3,416.16	1.55	2,209.299		
500.00	499.98	446.87	446.86	1.57	0.40	-70.32	-1,685.52	-2,973.54	3,417.45	3,415.48	1.97	1,738.350		
600.00	599.84	552.43	552.42	1.93	0.45	-70.43	-1,685.03	-2,973.89	3,415.74	3,413.37	2.37	1,438.681		
700.00	699.45	656.68	656.67	2.29	0.50	-70.62	-1,684.42	-2,974.21	3,412.80	3,410.01	2.79	1,225.029		
800.00	798.70	767.85	767.84	2.67	0.55	-70.90	-1,683.58	-2,974.33	3,408.48	3,405.27	3.21	1,062.553		
900.00	897.47	870.56	870.54	3.07	0.59	-71.25	-1,682.68	-2,974.17	3,402.77	3,399.13	3.64	934.646		
1,000.00	995.62	965.37	965.35	3.50	0.63	-71.66	-1,681.82	-2,974.06	3,396.03	3,391.94	4.09	829.450		
1,100.00	1,093.06	1,059.55	1,059.52	3.97	0.66	-72.13	-1,680.98	-2,974.08	3,388.43	3,383.85	4.58	740.246		
1,200.00	1,189.64	1,149.28	1,149.25	4.47	0.70	-72.66	-1,680.22	-2,974.19	3,380.02	3,374.93	5.09	663.505		
1,300.00	1,285.27	1,238.01	1,237.97	5.01	0.73	-73.24	-1,679.59	-2,974.51	3,371.02	3,365.37	5.65	596.425		
1,400.00	1,379.82	1,331.33	1,331.30	5.61	0.77	-73.92	-1,679.03	-2,974.91	3,361.37	3,355.11	6.26	537.075		
1,500.00	1,473.17	1,423.29	1,423.25	6.25	0.80	-74.65	-1,678.49	-2,975.29	3,351.07	3,344.16	6.92	484.598		
1,600.00	1,565.21	1,507.72	1,507.68	6.96	0.83	-75.40	-1,678.32	-2,975.61	3,340.39	3,332.76	7.62	438.190		
1,700.00	1,656.01	1,592.36	1,592.32	7.72	0.86	-76.10	-1,678.37	-2,975.99	3,329.56	3,321.17	8.39	396.774		
1,800.00	1,746.60	1,689.89	1,689.85	8.50	0.89	-76.79	-1,678.11	-2,976.66	3,319.13	3,309.94	9.19	361.300		
1,900.00	1,837.19	1,782.83	1,782.78	9.30	0.92	-77.44	-1,677.36	-2,977.48	3,309.03	3,299.03	10.00	330.868		
2,000.00	1,927.79	1,876.87	1,876.82	10.12	0.96	-78.10	-1,676.62	-2,978.21	3,299.37	3,288.54	10.83	304.663		
2,100.00	2,018.38	1,961.39	1,961.33	10.93	0.99	-78.70	-1,676.01	-2,978.85	3,290.21	3,278.54	11.67	282.010		
2,200.00	2,108.97	2,063.19	2,063.12	11.76	1.02	-79.42	-1,675.23	-2,979.78	3,281.66	3,269.14	12.51	262.220		
2,300.00	2,199.56	2,175.62	2,175.55	12.59	1.06	-80.23	-1,674.24	-2,979.99	3,272.99	3,259.62	13.37	244.794		
2,400.00	2,290.15	2,287.34	2,287.26	13.43	1.09	-81.04	-1,672.92	-2,979.59	3,264.29	3,250.05	14.23	229.341		
2,500.00	2,380.75	2,390.25	2,390.15	14.26	1.12	-81.78	-1,671.19	-2,978.94	3,255.61	3,240.51	15.10	215.582		
2,600.00	2,471.34	2,483.26	2,483.14	15.11	1.15	-82.45	-1,669.29	-2,978.37	3,247.26	3,231.29	15.97	203.286		
2,700.00	2,561.93	2,573.44	2,573.30	15.95	1.17	-83.11	-1,667.30	-2,977.93	3,239.40	3,222.55	16.85	192.245		
2,800.00	2,652.52	2,659.96	2,659.80	16.80	1.20	-83.74	-1,665.50	-2,977.49	3,232.13	3,214.40	17.73	182.292		
2,900.00	2,743.12	2,741.22	2,741.05	17.64	1.22	-84.33	-1,663.94	-2,977.19	3,225.56	3,206.94	18.61	173.298		
3,000.00	2,833.71	2,823.67	2,823.48	18.49	1.25	-84.93	-1,662.44	-2,977.22	3,219.84	3,200.34	19.50	165.146		
3,100.00	2,924.30	2,918.62	2,918.42	19.35	1.28	-85.63	-1,660.85	-2,977.14	3,214.65	3,194.26	20.38	157.698		
3,200.00	3,014.89	3,009.53	3,009.31	20.20	1.31	-86.29	-1,659.14	-2,977.18	3,209.94	3,188.67	21.27	150.888		
3,300.00	3,105.48	3,096.81	3,096.57	21.05	1.34	-86.93	-1,657.35	-2,977.46	3,205.82	3,183.65	22.16	144.654		
3,400.00	3,196.08	3,184.12	3,183.86	21.91	1.37	-87.56	-1,655.52	-2,977.92	3,202.32	3,179.27	23.05	138.928		
3,500.00	3,286.67	3,284.36	3,284.08	22.76	1.40	-88.29	-1,653.49	-2,978.31	3,199.29	3,175.35	23.94	133.636		
3,600.00	3,377.26	3,348.96	3,348.67	23.62	1.42	-88.77	-1,652.43	-2,978.41	3,196.93	3,172.11	24.82	128.803		
3,700.00	3,467.85	3,409.38	3,409.08	24.47	1.44	-89.22	-1,651.89	-2,978.96	3,196.03	3,170.33	25.70	124.380		
3,727.32	3,492.60	3,431.24	3,430.94	24.71	1.44	-89.38	-1,651.77	-2,979.24	3,196.00	3,170.06	25.93	123.231 CC		
3,800.00	3,558.45	3,489.39	3,489.08	25.33	1.46	-89.81	-1,651.52	-2,980.03	3,196.22	3,169.65	26.57	120.292		
3,900.00	3,649.04	3,576.01	3,575.70	26.19	1.48	-90.44	-1,651.20	-2,981.45	3,197.18	3,169.73	27.44	116.498		
4,000.00	3,739.63	3,682.54	3,682.21	27.05	1.51	-91.22	-1,650.46	-2,983.41	3,198.57	3,170.25	28.32	112.943		
4,100.00	3,830.22	3,838.36	3,837.99	27.90	1.56	-92.36	-1,647.78	-2,984.69	3,199.05	3,169.84	29.21	109.529		
4,200.00	3,920.81	3,941.48	3,941.09	28.76	1.59	-93.12	-1,645.39	-2,984.59	3,199.21	3,169.13	30.09	106.332		
4,300.00	4,011.41	4,047.98	4,047.54	29.62	1.62	-93.90	-1,642.42	-2,984.31	3,199.45	3,168.49	30.97	103.324		
4,400.00	4,102.00	4,142.33	4,141.85	30.48	1.65	-94.59	-1,639.59	-2,983.81	3,199.92	3,168.08	31.84	100.505 ES		
4,500.00	4,192.59	4,230.13	4,229.62	31.34	1.68	-95.24	-1,637.28	-2,983.03	3,201.00	3,168.29	32.71	97.870		
4,600.00	4,283.18	4,321.38	4,320.82	32.20	1.70	-95.91	-1,634.56	-2,982.70	3,202.62	3,169.05	33.57	95.396		
4,700.00	4,373.78	4,408.64	4,408.05	33.06	1.73	-96.54	-1,631.93	-2,982.53	3,204.83	3,170.40	34.43	93.078		
4,800.00	4,464.37	4,494.93	4,494.30	33.92	1.76	-97.17	-1,629.53	-2,982.29	3,207.68	3,172.40	35.29	90.904		
4,900.00	4,554.96	4,588.80	4,588.13	34.78	1.79	-97.86	-1,626.96	-2,982.03	3,211.10	3,174.96	36.14	88.855		
5,000.00	4,645.55	4,696.41	4,695.69	35.64	1.82	-98.64	-1,623.77	-2,981.57	3,214.78	3,177.79	36.99	86.910		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,784.08	4,783.33	36.51	1.85	-99.28	-1,621.13	-2,980.86	3,218.76	3,180.93	37.83	85.084		
5,200.00	4,826.74	4,871.05	4,870.26	37.37	1.87	-99.92	-1,618.69	-2,980.07	3,223.39	3,184.72	38.67	83.367		
5,300.00	4,917.33	4,959.65	4,958.82	38.23	1.90	-100.57	-1,616.33	-2,979.26	3,228.63	3,189.14	39.49	81.750		
5,400.00	5,007.92	5,049.78	5,048.91	39.09	1.93	-101.23	-1,613.99	-2,978.40	3,234.45	3,194.13	40.32	80.225		
5,500.00	5,098.51	5,144.10	5,143.20	39.95	1.95	-101.92	-1,611.58	-2,977.42	3,240.77	3,199.64	41.13	78.784		
5,600.00	5,189.11	5,244.38	5,243.43	40.81	1.98	-102.65	-1,608.94	-2,976.06	3,247.43	3,205.48	41.95	77.416		
5,700.00	5,279.70	5,340.83	5,339.84	41.68	2.01	-103.36	-1,606.29	-2,974.36	3,254.34	3,211.59	42.75	76.122		
5,800.00	5,370.29	5,423.89	5,422.85	42.54	2.03	-103.97	-1,604.00	-2,972.90	3,261.79	3,218.25	43.54	74.910		
5,900.00	5,460.88	5,493.95	5,492.88	43.40	2.05	-104.48	-1,602.46	-2,971.69	3,270.22	3,225.90	44.32	73.787		
6,000.00	5,551.47	5,588.31	5,587.21	44.26	2.07	-105.17	-1,600.71	-2,970.00	3,279.43	3,234.33	45.10	72.719		
6,100.00	5,642.07	5,681.15	5,680.02	45.13	2.09	-105.85	-1,598.93	-2,968.17	3,289.05	3,243.18	45.87	71.710		
6,200.00	5,732.66	5,769.61	5,768.44	45.99	2.11	-106.50	-1,597.33	-2,966.18	3,299.18	3,252.56	46.62	70.764		
6,300.00	5,823.25	5,860.70	5,859.49	46.85	2.13	-107.17	-1,595.81	-2,963.94	3,309.89	3,262.52	47.37	69.873		
6,400.00	5,913.84	5,951.43	5,950.18	47.72	2.14	-107.83	-1,594.27	-2,961.66	3,321.07	3,272.96	48.11	69.033		
6,500.00	6,004.44	6,033.79	6,032.50	48.58	2.16	-108.43	-1,592.89	-2,959.67	3,332.83	3,284.00	48.83	68.249		
6,600.00	6,095.03	6,109.54	6,108.23	49.44	2.18	-108.96	-1,591.71	-2,958.50	3,345.47	3,295.92	49.55	67.520		
6,700.00	6,185.62	6,193.69	6,192.37	50.30	2.21	-109.55	-1,590.43	-2,957.84	3,358.87	3,308.61	50.26	66.828		
6,800.00	6,276.21	6,292.18	6,290.84	51.17	2.24	-110.22	-1,588.79	-2,957.44	3,372.74	3,321.76	50.98	66.160		
6,900.00	6,366.80	6,379.98	6,378.63	52.03	2.26	-110.81	-1,587.16	-2,957.34	3,386.97	3,335.29	51.68	65.538		
7,000.00	6,457.40	6,477.41	6,476.04	52.89	2.30	-111.45	-1,585.25	-2,957.54	3,401.65	3,349.27	52.38	64.941		
7,100.00	6,545.60	6,563.50	6,562.11	53.85	2.32	-110.03	-1,583.48	-2,957.61	3,414.18	3,361.02	53.16	64.230		
7,200.00	6,626.13	6,637.81	6,636.41	55.05	2.35	-94.32	-1,582.08	-2,957.70	3,421.12	3,366.98	54.14	63.187		
7,300.00	6,696.49	6,701.95	6,700.54	56.46	2.37	-90.81	-1,580.99	-2,957.85	3,422.88	3,367.56	55.33	61.865		
7,400.00	6,754.56	6,753.07	6,751.65	58.05	2.38	-89.19	-1,580.18	-2,958.15	3,420.07	3,363.39	56.68	60.345		
7,500.00	6,798.57	6,792.75	6,791.33	59.78	2.40	-88.81	-1,579.58	-2,958.59	3,413.34	3,355.19	58.14	58.705		
7,600.00	6,827.18	6,817.37	6,815.94	61.58	2.40	-89.24	-1,579.22	-2,958.98	3,403.39	3,343.72	59.67	57.035		
7,700.00	6,839.51	6,828.82	6,827.38	63.39	2.40	-90.28	-1,579.07	-2,959.20	3,390.85	3,329.65	61.20	55.409		
7,800.00	6,840.00	6,830.92	6,829.48	65.19	2.41	-90.62	-1,579.04	-2,959.24	3,377.60	3,314.92	62.69	53.880		
7,900.00	6,840.00	6,832.68	6,831.25	67.04	2.41	-90.65	-1,579.01	-2,959.28	3,367.13	3,302.95	64.18	52.461		
8,000.00	6,840.00	6,834.51	6,833.08	68.95	2.41	-90.68	-1,578.99	-2,959.32	3,359.61	3,293.93	65.68	51.150		
8,100.00	6,840.00	6,836.41	6,834.98	70.91	2.41	-90.72	-1,578.96	-2,959.36	3,355.04	3,287.87	67.17	49.947		
8,200.00	6,840.00	6,838.38	6,836.95	72.91	2.41	-90.75	-1,578.94	-2,959.41	3,353.46	3,284.81	68.65	48.850		
8,203.24	6,840.00	6,838.45	6,837.01	72.98	2.41	-90.75	-1,578.94	-2,959.41	3,353.46	3,284.76	68.70	48.815		
8,300.00	6,840.00	6,840.43	6,838.99	74.96	2.41	-90.79	-1,578.91	-2,959.45	3,354.85	3,284.75	70.11	47.854		
8,400.00	6,840.00	6,842.56	6,841.12	77.05	2.41	-90.82	-1,578.88	-2,959.50	3,359.22	3,287.69	71.54	46.959		
8,500.00	6,840.00	6,844.77	6,843.33	79.18	2.41	-90.86	-1,578.85	-2,959.56	3,366.55	3,293.62	72.93	46.159		
8,600.00	6,840.00	6,847.07	6,845.63	81.34	2.41	-90.90	-1,578.82	-2,959.61	3,376.83	3,302.54	74.29	45.452		
8,700.00	6,840.00	6,849.47	6,848.03	83.54	2.41	-90.94	-1,578.79	-2,959.67	3,390.03	3,314.42	75.61	44.834		
8,800.00	6,840.00	6,851.98	6,850.53	85.76	2.41	-90.98	-1,578.76	-2,959.74	3,406.11	3,329.23	76.89	44.300		
8,900.00	6,840.00	6,854.59	6,853.15	88.02	2.41	-91.03	-1,578.73	-2,959.80	3,425.04	3,346.93	78.11	43.849		
9,000.00	6,840.00	6,857.32	6,855.87	90.30	2.41	-91.07	-1,578.69	-2,959.88	3,446.76	3,367.48	79.28	43.474		
9,100.00	6,840.00	6,860.17	6,858.73	92.60	2.41	-91.12	-1,578.66	-2,959.95	3,471.22	3,390.82	80.40	43.174		
9,200.00	6,840.00	6,863.16	6,861.71	94.93	2.41	-91.17	-1,578.62	-2,960.04	3,498.38	3,416.91	81.46	42.944		
9,300.00	6,840.00	6,866.29	6,864.84	97.28	2.41	-91.23	-1,578.58	-2,960.12	3,528.15	3,445.68	82.47	42.781		
9,400.00	6,840.00	6,869.57	6,868.12	99.65	2.41	-91.28	-1,578.54	-2,960.22	3,560.48	3,477.07	83.42	42.682		
9,500.00	6,840.00	6,873.02	6,871.57	102.03	2.41	-91.34	-1,578.50	-2,960.32	3,595.31	3,510.99	84.31	42.643 SF		
9,600.00	6,840.00	6,876.65	6,875.20	104.43	2.42	-91.40	-1,578.46	-2,960.43	3,632.55	3,547.40	85.15	42.661		
9,700.00	6,840.00	6,880.47	6,879.01	106.85	2.42	-91.47	-1,578.42	-2,960.55	3,672.13	3,586.20	85.93	42.733		
9,800.00	6,840.00	6,884.50	6,883.04	109.29	2.42	-91.54	-1,578.37	-2,960.68	3,713.98	3,627.32	86.66	42.857		
9,900.00	6,840.00	6,888.75	6,887.29	111.73	2.42	-91.61	-1,578.32	-2,960.82	3,758.02	3,670.68	87.34	43.030		
10,000.00	6,840.00	6,893.25	6,891.78	114.19	2.42	-91.69	-1,578.27	-2,960.97	3,804.18	3,716.22	87.96	43.248		
10,100.00	6,840.00	6,898.01	6,896.54	116.66	2.42	-91.77	-1,578.22	-2,961.14	3,852.37	3,763.84	88.54	43.511		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,903.07	6,901.60	119.15	2.42	-91.86	-1,578.16	-2,961.32	3,902.53	3,813.47	89.07	43.814		
10,300.00	6,840.00	6,908.44	6,906.96	121.64	2.42	-91.95	-1,578.11	-2,961.52	3,954.58	3,865.03	89.56	44.157		
10,400.00	6,840.00	6,914.16	6,912.68	124.14	2.42	-92.04	-1,578.05	-2,961.74	4,008.45	3,918.44	90.00	44.537		
10,500.00	6,840.00	6,920.27	6,918.78	126.65	2.43	-92.15	-1,577.98	-2,961.98	4,064.05	3,973.64	90.41	44.953		
10,600.00	6,840.00	6,924.86	6,923.37	129.18	2.43	-92.23	-1,577.93	-2,962.15	4,121.33	4,030.56	90.77	45.404		
10,700.00	6,840.00	6,930.92	6,929.43	131.70	2.43	-92.33	-1,577.86	-2,962.39	4,180.21	4,089.10	91.10	45.885		
10,800.00	6,840.00	6,937.26	6,935.76	134.24	2.43	-92.44	-1,577.79	-2,962.65	4,240.62	4,149.22	91.40	46.396		
10,900.00	6,840.00	6,943.89	6,942.39	136.79	2.43	-92.55	-1,577.72	-2,962.93	4,302.50	4,210.83	91.67	46.936		
11,000.00	6,840.00	6,950.83	6,949.32	139.34	2.43	-92.67	-1,577.65	-2,963.22	4,365.79	4,273.88	91.91	47.502		
11,100.00	6,840.00	6,958.10	6,956.58	141.90	2.43	-92.79	-1,577.57	-2,963.54	4,430.43	4,338.31	92.12	48.094		
11,200.00	6,840.00	6,965.73	6,964.20	144.46	2.43	-92.92	-1,577.49	-2,963.88	4,496.35	4,404.04	92.31	48.710		
11,300.00	6,840.00	6,973.74	6,972.21	147.03	2.43	-93.06	-1,577.40	-2,964.25	4,563.51	4,471.03	92.47	49.349		
11,400.00	6,840.00	6,982.17	6,980.63	149.60	2.44	-93.20	-1,577.31	-2,964.64	4,631.84	4,539.22	92.62	50.009		
11,500.00	6,840.00	6,991.05	6,989.49	152.18	2.44	-93.36	-1,577.21	-2,965.07	4,701.30	4,608.55	92.75	50.690		
11,600.00	6,840.00	7,000.41	6,998.84	154.77	2.44	-93.51	-1,577.11	-2,965.54	4,771.83	4,678.98	92.86	51.390		
11,700.00	6,840.00	7,010.29	7,008.71	157.36	2.44	-93.68	-1,577.01	-2,966.04	4,843.39	4,750.44	92.95	52.108		
11,800.00	6,840.00	11,800.00	6,983.42	159.95	4.28	-93.25	-1,577.28	-2,964.87	4,915.93	4,820.84	95.09	51.698		
11,900.00	6,840.00	11,900.00	6,987.72	162.55	4.33	-93.33	-1,577.23	-2,965.05	4,989.45	4,894.09	95.36	52.320		
12,000.00	6,840.00	12,000.00	6,992.03	165.16	4.38	-93.40	-1,577.19	-2,965.24	5,063.88	4,968.26	95.62	52.957		
12,100.00	6,840.00	12,100.00	6,996.33	167.76	4.43	-93.47	-1,577.14	-2,965.43	5,139.17	5,043.30	95.86	53.609		
12,200.00	6,840.00	12,200.00	7,000.63	170.37	4.48	-93.55	-1,577.09	-2,965.61	5,215.28	5,119.19	96.09	54.274		
12,300.00	6,840.00	12,300.00	7,004.94	172.99	4.53	-93.62	-1,577.05	-2,965.80	5,292.19	5,195.88	96.31	54.951		
12,400.00	6,840.00	7,000.00	6,998.43	175.60	2.44	-93.51	-1,577.12	-2,965.52	5,369.86	5,276.86	93.01	57.737		
12,500.00	6,840.00	7,000.00	6,998.43	178.23	2.44	-93.51	-1,577.12	-2,965.52	5,448.26	5,355.28	92.98	58.598		
12,600.00	6,840.00	7,000.00	6,998.43	180.85	2.44	-93.51	-1,577.12	-2,965.52	5,527.36	5,434.41	92.94	59.471		
12,700.00	6,840.00	7,000.00	6,998.43	183.47	2.44	-93.51	-1,577.12	-2,965.52	5,607.12	5,514.22	92.90	60.357		
12,800.00	6,840.00	7,000.00	6,998.43	186.10	2.44	-93.51	-1,577.12	-2,965.52	5,687.52	5,594.67	92.85	61.255		
12,900.00	6,840.00	7,000.00	6,998.43	188.74	2.44	-93.51	-1,577.12	-2,965.52	5,768.54	5,675.74	92.80	62.164		
13,000.00	6,840.00	7,000.00	6,998.43	191.37	2.44	-93.51	-1,577.12	-2,965.52	5,850.14	5,757.41	92.74	63.084		
13,100.00	6,840.00	7,000.00	6,998.43	194.01	2.44	-93.51	-1,577.12	-2,965.52	5,932.31	5,839.64	92.67	64.014		
13,200.00	6,840.00	7,000.00	6,998.43	196.65	2.44	-93.51	-1,577.12	-2,965.52	6,015.02	5,922.41	92.61	64.953		
13,300.00	6,840.00	7,000.00	6,998.43	199.29	2.44	-93.51	-1,577.12	-2,965.52	6,098.24	6,005.71	92.53	65.902		
13,400.00	6,840.00	7,000.00	6,998.43	201.93	2.44	-93.51	-1,577.12	-2,965.52	6,181.97	6,089.50	92.46	66.860		
13,500.00	6,840.00	7,000.00	6,998.43	204.58	2.44	-93.51	-1,577.12	-2,965.52	6,266.17	6,173.78	92.38	67.827		
13,600.00	6,840.00	7,000.00	6,998.43	207.22	2.44	-93.51	-1,577.12	-2,965.52	6,350.82	6,258.52	92.31	68.802		
13,700.00	6,840.00	7,000.00	6,998.43	209.87	2.44	-93.51	-1,577.12	-2,965.52	6,435.92	6,343.70	92.23	69.784		
13,800.00	6,840.00	7,000.00	6,998.43	212.52	2.44	-93.51	-1,577.12	-2,965.52	6,521.44	6,429.30	92.14	70.774		
13,900.00	6,840.00	7,000.00	6,998.43	215.18	2.44	-93.51	-1,577.12	-2,965.52	6,607.37	6,515.31	92.06	71.772		
14,000.00	6,840.00	7,000.00	6,998.43	217.83	2.44	-93.51	-1,577.12	-2,965.52	6,693.69	6,601.71	91.98	72.776		
14,100.00	6,840.00	7,000.00	6,998.43	220.49	2.44	-93.51	-1,577.12	-2,965.52	6,780.38	6,688.49	91.89	73.787		
14,200.00	6,840.00	7,000.00	6,998.43	223.15	2.44	-93.51	-1,577.12	-2,965.52	6,867.44	6,775.63	91.81	74.804		
14,300.00	6,840.00	7,000.00	6,998.43	225.81	2.44	-93.51	-1,577.12	-2,965.52	6,954.84	6,863.12	91.72	75.827		
14,400.00	6,840.00	7,000.00	6,998.43	228.47	2.44	-93.51	-1,577.12	-2,965.52	7,042.58	6,950.95	91.63	76.856		
14,500.00	6,840.00	7,000.00	6,998.43	231.13	2.44	-93.51	-1,577.12	-2,965.52	7,130.65	7,039.10	91.55	77.891		
14,600.00	6,840.00	7,000.00	6,998.43	233.79	2.44	-93.51	-1,577.12	-2,965.52	7,219.02	7,127.56	91.46	78.930		
14,700.00	6,840.00	7,000.00	6,998.43	236.46	2.44	-93.51	-1,577.12	-2,965.52	7,307.69	7,216.32	91.37	79.975		
14,800.00	6,840.00	7,000.00	6,998.43	239.12	2.44	-93.51	-1,577.12	-2,965.52	7,396.65	7,305.37	91.29	81.025		
14,900.00	6,840.00	7,000.00	6,998.43	241.79	2.44	-93.51	-1,577.12	-2,965.52	7,485.90	7,394.69	91.20	82.079		
15,000.00	6,840.00	7,000.00	6,998.43	244.46	2.44	-93.51	-1,577.12	-2,965.52	7,575.40	7,484.29	91.12	83.138		
15,100.00	6,840.00	7,000.00	6,998.43	247.13	2.44	-93.51	-1,577.12	-2,965.52	7,665.17	7,574.14	91.03	84.201		
15,200.00	6,840.00	7,000.00	6,998.43	249.80	2.44	-93.51	-1,577.12	-2,965.52	7,755.19	7,664.24	90.95	85.268		
15,300.00	6,840.00	7,000.00	6,998.43	252.47	2.44	-93.51	-1,577.12	-2,965.52	7,845.45	7,754.59	90.87	86.339		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	255.15	2.44	-93.51	-1,577.12	-2,965.52	7,935.95	7,845.16	90.79	87.414	
15,500.00	6,840.00	7,000.00	6,998.43	257.82	2.44	-93.51	-1,577.12	-2,965.52	8,026.67	7,935.96	90.70	88.492	
15,600.00	6,840.00	7,000.00	6,998.43	260.50	2.44	-93.51	-1,577.12	-2,965.52	8,117.61	8,026.98	90.62	89.574	
15,700.00	6,840.00	7,000.00	6,998.43	263.17	2.44	-93.51	-1,577.12	-2,965.52	8,208.76	8,118.21	90.55	90.659	
15,800.00	6,840.00	7,000.00	6,998.43	265.85	2.44	-93.51	-1,577.12	-2,965.52	8,300.11	8,209.64	90.47	91.747	
15,900.00	6,840.00	7,000.00	6,998.43	268.53	2.44	-93.51	-1,577.12	-2,965.52	8,391.66	8,301.27	90.39	92.838	
16,000.00	6,840.00	7,000.00	6,998.43	271.20	2.44	-93.51	-1,577.12	-2,965.52	8,483.40	8,393.08	90.31	93.931	
16,100.00	6,840.00	7,000.00	6,998.43	273.88	2.44	-93.51	-1,577.12	-2,965.52	8,575.32	8,485.08	90.24	95.028	
16,200.00	6,840.00	7,000.00	6,998.43	276.56	2.44	-93.51	-1,577.12	-2,965.52	8,667.43	8,577.26	90.17	96.126	
16,300.00	6,840.00	7,000.00	6,998.43	279.25	2.44	-93.51	-1,577.12	-2,965.52	8,759.71	8,669.61	90.09	97.228	
16,400.00	6,840.00	7,000.00	6,998.43	281.93	2.44	-93.51	-1,577.12	-2,965.52	8,852.15	8,762.13	90.02	98.331	
16,500.00	6,840.00	7,000.00	6,998.43	284.61	2.44	-93.51	-1,577.12	-2,965.52	8,944.76	8,854.80	89.95	99.437	
16,600.00	6,840.00	7,000.00	6,998.43	287.29	2.44	-93.51	-1,577.12	-2,965.52	9,037.52	8,947.64	89.89	100.545	
16,700.00	6,840.00	7,000.00	6,998.43	289.98	2.44	-93.51	-1,577.12	-2,965.52	9,130.44	9,040.62	89.82	101.655	
16,800.00	6,840.00	7,000.00	6,998.43	292.66	2.44	-93.51	-1,577.12	-2,965.52	9,223.51	9,133.75	89.75	102.766	
16,900.00	6,840.00	7,000.00	6,998.43	295.35	2.44	-93.51	-1,577.12	-2,965.52	9,316.72	9,227.03	89.69	103.880	
17,000.00	6,840.00	7,000.00	6,998.43	298.03	2.44	-93.51	-1,577.12	-2,965.52	9,410.07	9,320.44	89.62	104.995	
17,100.00	6,840.00	7,000.00	6,998.43	300.72	2.44	-93.51	-1,577.12	-2,965.52	9,503.55	9,413.99	89.56	106.112	
17,200.00	6,840.00	7,000.00	6,998.43	303.41	2.44	-93.51	-1,577.12	-2,965.52	9,597.17	9,507.66	89.50	107.230	
17,300.00	6,840.00	7,000.00	6,998.43	306.09	2.44	-93.51	-1,577.12	-2,965.52	9,690.91	9,601.47	89.44	108.349	
17,400.00	6,840.00	7,000.00	6,998.43	308.78	2.44	-93.51	-1,577.12	-2,965.52	9,784.78	9,695.39	89.38	109.470	
17,500.00	6,840.00	7,000.00	6,998.43	311.47	2.44	-93.51	-1,577.12	-2,965.52	9,878.76	9,789.44	89.33	110.592	
17,600.00	6,840.00	7,000.00	6,998.43	314.16	2.44	-93.51	-1,577.12	-2,965.52	9,972.87	9,883.60	89.27	111.715	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-5.63	2,326.81	-229.32	2,338.18					
100.00	100.00	79.00	79.00	0.13	0.62	-5.63	2,326.81	-229.32	2,338.08	2,337.33	0.75	3,097.238		
200.00	200.00	179.00	179.00	0.49	2.16	-5.63	2,326.81	-229.32	2,338.08	2,335.42	2.66	879.934		
300.00	300.00	279.00	279.00	0.85	3.91	-5.63	2,326.81	-229.32	2,338.08	2,333.32	4.76	491.100		
400.00	400.00	379.00	379.00	1.21	5.65	-5.63	2,326.81	-229.32	2,338.08	2,331.22	6.86	340.594		
500.00	499.98	478.98	478.98	1.57	7.40	43.68	2,326.81	-229.32	2,336.82	2,327.85	8.97	260.623		
600.00	599.84	578.84	578.84	1.93	9.14	43.82	2,326.81	-229.32	2,333.03	2,321.97	11.07	210.784		
700.00	699.45	678.45	678.45	2.29	10.88	44.06	2,326.81	-229.32	2,326.75	2,313.57	13.17	176.635		
800.00	798.70	777.70	777.70	2.67	12.61	44.39	2,326.81	-229.32	2,317.98	2,302.70	15.28	151.707		
900.00	897.47	876.47	876.47	3.07	14.34	44.82	2,326.81	-229.32	2,306.78	2,289.39	17.39	132.651		
1,000.00	995.62	974.62	974.62	3.50	16.05	45.35	2,326.81	-229.32	2,293.18	2,273.67	19.51	117.565		
1,100.00	1,093.06	1,072.06	1,072.06	3.97	17.75	45.97	2,326.81	-229.32	2,277.25	2,255.62	21.63	105.289		
1,200.00	1,189.64	1,168.64	1,168.64	4.47	19.44	46.71	2,326.81	-229.32	2,259.06	2,235.30	23.76	95.073		
1,300.00	1,285.27	1,264.27	1,264.27	5.01	21.11	47.54	2,326.81	-229.32	2,238.69	2,212.78	25.91	86.415		
1,400.00	1,379.82	1,358.82	1,358.82	5.61	22.76	48.49	2,326.81	-229.32	2,216.24	2,188.18	28.07	78.963		
1,500.00	1,473.17	1,452.17	1,452.17	6.25	24.39	49.55	2,326.81	-229.32	2,191.83	2,161.58	30.25	72.468		
1,600.00	1,565.21	1,544.21	1,544.21	6.96	25.99	50.72	2,326.81	-229.32	2,165.57	2,133.13	32.45	66.743		
1,700.00	1,656.01	1,635.01	1,635.01	7.72	27.58	51.78	2,326.81	-229.32	2,137.85	2,103.18	34.67	61.658		
1,800.00	1,746.60	1,725.60	1,725.60	8.50	29.16	52.63	2,326.81	-229.32	2,110.31	2,073.39	36.92	57.156		
1,900.00	1,837.19	1,816.19	1,816.19	9.30	30.74	53.50	2,326.81	-229.32	2,083.26	2,044.07	39.20	53.150		
2,000.00	1,927.79	1,906.79	1,906.79	10.12	32.32	54.39	2,326.81	-229.32	2,056.74	2,015.24	41.49	49.570		
2,100.00	2,018.38	2,002.62	1,997.38	10.93	33.99	55.30	2,326.81	-229.32	2,030.74	1,986.85	43.90	46.259		
2,200.00	2,108.97	2,087.97	2,087.97	11.76	35.48	56.23	2,326.81	-229.32	2,005.31	1,959.17	46.14	43.459		
2,300.00	2,199.56	2,178.56	2,178.56	12.59	37.06	57.18	2,326.81	-229.32	1,980.46	1,931.96	48.50	40.838		
2,400.00	2,290.15	2,269.15	2,269.15	13.43	38.64	58.15	2,326.81	-229.32	1,956.20	1,905.34	50.87	38.458		
2,500.00	2,380.75	2,359.75	2,359.75	14.26	40.23	59.15	2,326.81	-229.32	1,932.57	1,879.32	53.25	36.291		
2,600.00	2,471.34	2,450.34	2,450.34	15.11	41.81	60.16	2,326.81	-229.32	1,909.59	1,853.93	55.65	34.312		
2,700.00	2,561.93	2,540.93	2,540.93	15.95	43.39	61.20	2,326.81	-229.32	1,887.27	1,829.20	58.07	32.500		
2,800.00	2,652.52	2,631.52	2,631.52	16.80	44.97	62.25	2,326.81	-229.32	1,865.65	1,805.15	60.50	30.837		
2,900.00	2,743.12	2,722.12	2,722.12	17.64	46.55	63.33	2,326.81	-229.32	1,844.75	1,781.81	62.94	29.308		
3,000.00	2,833.71	2,812.71	2,812.71	18.49	48.13	64.43	2,326.81	-229.32	1,824.60	1,759.19	65.40	27.899		
3,100.00	2,924.30	2,903.30	2,903.30	19.35	49.71	65.55	2,326.81	-229.32	1,805.21	1,737.34	67.87	26.598		
3,200.00	3,014.89	3,006.11	2,993.89	20.20	51.51	66.69	2,326.81	-229.32	1,786.61	1,716.05	70.56	25.320		
3,300.00	3,105.48	3,084.48	3,084.48	21.05	52.87	67.84	2,326.81	-229.32	1,768.83	1,696.00	72.84	24.284		
3,400.00	3,196.08	3,175.08	3,175.08	21.91	54.46	69.02	2,326.81	-229.32	1,751.90	1,676.56	75.34	23.254		
3,500.00	3,286.67	3,265.67	3,265.67	22.76	56.04	70.22	2,326.81	-229.32	1,735.83	1,657.99	77.84	22.299		
3,600.00	3,377.26	3,356.26	3,356.26	23.62	57.62	71.44	2,326.81	-229.32	1,720.66	1,640.30	80.36	21.413		
3,700.00	3,467.85	3,446.85	3,446.85	24.47	59.20	72.67	2,326.81	-229.32	1,706.40	1,623.53	82.88	20.590		
3,800.00	3,558.45	3,537.45	3,537.45	25.33	60.78	73.92	2,326.81	-229.32	1,693.09	1,607.69	85.40	19.826		
3,900.00	3,649.04	3,628.04	3,628.04	26.19	62.36	75.18	2,326.81	-229.32	1,680.73	1,592.80	87.92	19.116		
4,000.00	3,739.63	3,718.63	3,718.63	27.05	63.94	76.46	2,326.81	-229.32	1,669.35	1,578.90	90.45	18.456		
4,100.00	3,830.22	3,809.22	3,809.22	27.90	65.52	77.76	2,326.81	-229.32	1,658.98	1,566.01	92.98	17.843		
4,200.00	3,920.81	3,900.19	3,899.81	28.76	67.11	79.07	2,326.81	-229.32	1,649.64	1,554.13	95.51	17.273		
4,300.00	4,011.41	4,009.59	3,990.41	29.62	69.02	80.38	2,326.81	-229.32	1,641.33	1,542.97	98.35	16.688		
4,400.00	4,102.00	4,081.00	4,081.00	30.48	70.27	81.71	2,326.81	-229.32	1,634.07	1,533.54	100.53	16.254		
4,500.00	4,192.59	4,171.59	4,171.59	31.34	71.85	83.05	2,326.81	-229.32	1,627.89	1,524.85	103.04	15.799		
4,600.00	4,283.18	4,262.18	4,262.18	32.20	73.43	84.40	2,326.81	-229.32	1,622.79	1,517.25	105.54	15.377		
4,700.00	4,373.78	4,352.78	4,352.78	33.06	75.01	85.75	2,326.81	-229.32	1,618.78	1,510.75	108.02	14.986		
4,800.00	4,464.37	4,443.37	4,443.37	33.92	76.59	87.11	2,326.81	-229.32	1,615.87	1,505.37	110.49	14.624		
4,900.00	4,554.96	4,533.96	4,533.96	34.78	78.17	88.47	2,326.81	-229.32	1,614.06	1,501.11	112.95	14.290		
5,000.00	4,645.55	4,624.55	4,624.55	35.64	79.75	89.83	2,326.81	-229.32	1,613.37	1,497.97	115.40	13.981		
5,012.52	4,656.89	4,635.89	4,635.89	35.75	79.95	90.00	2,326.81	-229.32	1,613.36	1,497.66	115.70	13.944	CC	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,100.00	4,736.14	4,715.14	4,715.14	36.51	81.33	91.19	2,326.81	-229.32	1,613.78	1,495.96	117.82	13.697		
5,200.00	4,826.74	4,805.74	4,805.74	37.37	82.92	92.55	2,326.81	-229.32	1,615.31	1,495.08	120.23	13.435	ES	
5,300.00	4,917.33	4,903.67	4,896.33	38.23	84.63	93.91	2,326.81	-229.32	1,617.94	1,495.20	122.75	13.181		
5,400.00	5,007.92	4,986.92	4,986.92	39.09	86.08	95.26	2,326.81	-229.32	1,621.68	1,496.69	124.99	12.975		
5,500.00	5,098.51	5,077.51	5,077.51	39.95	87.66	96.61	2,326.81	-229.32	1,626.51	1,499.18	127.33	12.774		
5,600.00	5,189.11	5,168.11	5,168.11	40.81	89.24	97.95	2,326.81	-229.32	1,632.42	1,502.77	129.66	12.590		
5,700.00	5,279.70	5,258.70	5,258.70	41.68	90.82	99.28	2,326.81	-229.32	1,639.41	1,507.45	131.96	12.424		
5,800.00	5,370.29	5,349.29	5,349.29	42.54	92.40	100.61	2,326.81	-229.32	1,647.46	1,513.22	134.24	12.273		
5,900.00	5,460.88	5,439.88	5,439.88	43.40	93.98	101.92	2,326.81	-229.32	1,656.55	1,520.06	136.49	12.137		
6,000.00	5,551.47	5,530.47	5,530.47	44.26	95.57	103.21	2,326.81	-229.32	1,666.66	1,527.94	138.72	12.014		
6,100.00	5,642.07	5,621.07	5,621.07	45.13	97.15	104.50	2,326.81	-229.32	1,677.79	1,536.86	140.93	11.905		
6,200.00	5,732.66	5,711.66	5,711.66	45.99	98.73	105.77	2,326.81	-229.32	1,689.90	1,546.79	143.12	11.808		
6,300.00	5,823.25	5,802.25	5,802.25	46.85	100.31	107.02	2,326.81	-229.32	1,702.98	1,557.70	145.28	11.722		
6,400.00	5,913.84	5,907.16	5,892.84	47.72	102.14	108.26	2,326.81	-229.32	1,717.00	1,569.34	147.67	11.628		
6,500.00	6,004.44	5,983.44	5,983.44	48.58	103.47	109.48	2,326.81	-229.32	1,731.95	1,582.41	149.54	11.582		
6,600.00	6,095.03	6,074.03	6,074.03	49.44	105.05	110.68	2,326.81	-229.32	1,747.80	1,596.16	151.63	11.526		
6,700.00	6,185.62	6,164.62	6,164.62	50.30	106.63	111.86	2,326.81	-229.32	1,764.51	1,610.80	153.71	11.479		
6,800.00	6,276.21	6,255.21	6,255.21	51.17	108.21	113.03	2,326.81	-229.32	1,782.08	1,626.31	155.77	11.441		
6,900.00	6,366.80	6,345.80	6,345.80	52.03	109.80	114.17	2,326.81	-229.32	1,800.48	1,642.67	157.81	11.409		
7,000.00	6,457.40	6,436.40	6,436.40	52.89	111.38	115.29	2,326.81	-229.32	1,819.67	1,659.84	159.83	11.385	SF	
7,100.00	6,545.60	6,524.60	6,524.60	53.85	112.92	125.61	2,326.81	-229.32	1,845.75	1,683.93	161.82	11.406		
7,200.00	6,626.13	6,605.13	6,605.13	55.05	114.32	131.96	2,326.81	-229.32	1,887.86	1,724.13	163.73	11.530		
7,300.00	6,696.49	6,675.49	6,675.49	56.46	115.55	134.74	2,326.81	-229.32	1,944.92	1,779.45	165.47	11.754		
7,400.00	6,754.56	6,733.56	6,733.56	58.05	116.56	134.60	2,326.81	-229.32	2,015.18	1,848.22	166.96	12.070		
7,500.00	6,798.57	6,777.57	6,777.57	59.78	117.33	130.95	2,326.81	-229.32	2,096.39	1,928.24	168.15	12.467		
7,600.00	6,827.18	6,806.18	6,806.18	61.58	117.83	121.25	2,326.81	-229.32	2,185.89	2,016.91	168.98	12.936		
7,700.00	6,839.51	6,818.51	6,818.51	63.39	118.05	98.54	2,326.81	-229.32	2,280.74	2,111.31	169.43	13.461		
7,800.00	6,840.00	6,819.00	6,819.00	65.19	118.05	90.00	2,326.81	-229.32	2,377.71	2,208.11	169.60	14.020		
7,900.00	6,840.00	6,819.00	6,819.00	67.04	118.05	90.00	2,326.81	-229.32	2,474.97	2,305.23	169.74	14.581		
8,000.00	6,840.00	6,819.00	6,819.00	68.95	118.05	90.00	2,326.81	-229.32	2,572.43	2,402.56	169.87	15.143		
8,100.00	6,840.00	6,819.00	6,819.00	70.91	118.05	90.00	2,326.81	-229.32	2,670.08	2,500.09	170.00	15.707		
8,200.00	6,840.00	6,819.00	6,819.00	72.91	118.05	90.00	2,326.81	-229.32	2,767.91	2,597.80	170.11	16.271		
8,300.00	6,840.00	6,819.00	6,819.00	74.96	118.05	90.00	2,326.81	-229.32	2,865.88	2,695.66	170.22	16.837		
8,400.00	6,840.00	6,819.00	6,819.00	77.05	118.05	90.00	2,326.81	-229.32	2,963.98	2,793.67	170.32	17.403		
8,500.00	6,840.00	6,819.00	6,819.00	79.18	118.05	90.00	2,326.81	-229.32	3,062.21	2,891.80	170.41	17.969		
8,600.00	6,840.00	6,819.00	6,819.00	81.34	118.05	90.00	2,326.81	-229.32	3,160.55	2,990.05	170.50	18.537		
8,700.00	6,840.00	6,819.00	6,819.00	83.54	118.05	90.00	2,326.81	-229.32	3,258.99	3,088.41	170.59	19.105		
8,800.00	6,840.00	6,819.00	6,819.00	85.76	118.05	90.00	2,326.81	-229.32	3,357.53	3,186.86	170.67	19.673		
8,900.00	6,840.00	6,819.00	6,819.00	88.02	118.05	90.00	2,326.81	-229.32	3,456.14	3,285.40	170.74	20.242		
9,000.00	6,840.00	6,819.00	6,819.00	90.30	118.05	90.00	2,326.81	-229.32	3,554.84	3,384.02	170.82	20.811		
9,100.00	6,840.00	6,819.00	6,819.00	92.60	118.05	90.00	2,326.81	-229.32	3,653.60	3,482.72	170.89	21.380		
9,200.00	6,840.00	6,819.00	6,819.00	94.93	118.05	90.00	2,326.81	-229.32	3,752.43	3,581.48	170.96	21.950		
9,300.00	6,840.00	6,819.00	6,819.00	97.28	118.05	90.00	2,326.81	-229.32	3,851.33	3,680.31	171.02	22.520		
9,400.00	6,840.00	6,819.00	6,819.00	99.65	118.05	90.00	2,326.81	-229.32	3,950.27	3,779.19	171.08	23.090		
9,500.00	6,840.00	6,819.00	6,819.00	102.03	118.05	90.00	2,326.81	-229.32	4,049.27	3,878.13	171.14	23.660		
9,600.00	6,840.00	6,819.00	6,819.00	104.43	118.05	90.00	2,326.81	-229.32	4,148.32	3,977.12	171.20	24.230		
9,700.00	6,840.00	6,819.00	6,819.00	106.85	118.05	90.00	2,326.81	-229.32	4,247.41	4,076.15	171.26	24.801		
9,800.00	6,840.00	6,819.00	6,819.00	109.29	118.05	90.00	2,326.81	-229.32	4,346.54	4,175.23	171.32	25.371		
9,900.00	6,840.00	6,819.00	6,819.00	111.73	118.05	90.00	2,326.81	-229.32	4,445.72	4,274.34	171.37	25.942		
10,000.00	6,840.00	6,819.00	6,819.00	114.19	118.05	90.00	2,326.81	-229.32	4,544.92	4,373.50	171.43	26.512		
10,100.00	6,840.00	6,819.00	6,819.00	116.66	118.05	90.00	2,326.81	-229.32	4,644.17	4,472.69	171.48	27.083		
10,200.00	6,840.00	6,819.00	6,819.00	119.15	118.05	90.00	2,326.81	-229.32	4,743.44	4,571.91	171.53	27.654		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	118.05	90.00	2,326.81	-229.32	4,842.75	4,671.16	171.58	28.224		
10,400.00	6,840.00	6,819.00	6,819.00	124.14	118.05	90.00	2,326.81	-229.32	4,942.08	4,770.45	171.63	28.795		
10,500.00	6,840.00	6,819.00	6,819.00	126.65	118.05	90.00	2,326.81	-229.32	5,041.44	4,869.76	171.68	29.366		
10,600.00	6,840.00	6,819.00	6,819.00	129.18	118.05	90.00	2,326.81	-229.32	5,140.82	4,969.09	171.73	29.936		
10,700.00	6,840.00	6,819.00	6,819.00	131.70	118.05	90.00	2,326.81	-229.32	5,240.23	5,068.45	171.77	30.506		
10,800.00	6,840.00	6,819.00	6,819.00	134.24	118.05	90.00	2,326.81	-229.32	5,339.65	5,167.83	171.82	31.077		
10,900.00	6,840.00	6,819.00	6,819.00	136.79	118.05	90.00	2,326.81	-229.32	5,439.10	5,267.24	171.87	31.647		
11,000.00	6,840.00	6,819.00	6,819.00	139.34	118.05	90.00	2,326.81	-229.32	5,538.57	5,366.66	171.91	32.217		
11,100.00	6,840.00	6,819.00	6,819.00	141.90	118.05	90.00	2,326.81	-229.32	5,638.06	5,466.10	171.96	32.787		
11,200.00	6,840.00	6,819.00	6,819.00	144.46	118.05	90.00	2,326.81	-229.32	5,737.57	5,565.56	172.01	33.357		
11,300.00	6,840.00	6,819.00	6,819.00	147.03	118.05	90.00	2,326.81	-229.32	5,837.09	5,665.04	172.05	33.927		
11,400.00	6,840.00	6,819.00	6,819.00	149.60	118.05	90.00	2,326.81	-229.32	5,936.63	5,764.54	172.10	34.496		
11,500.00	6,840.00	6,819.00	6,819.00	152.18	118.05	90.00	2,326.81	-229.32	6,036.19	5,864.05	172.14	35.066		
11,600.00	6,840.00	6,819.00	6,819.00	154.77	118.05	90.00	2,326.81	-229.32	6,135.75	5,963.57	172.18	35.635		
11,700.00	6,840.00	6,819.00	6,819.00	157.36	118.05	90.00	2,326.81	-229.32	6,235.34	6,063.11	172.23	36.204		
11,800.00	6,840.00	6,819.00	6,819.00	159.95	118.05	90.00	2,326.81	-229.32	6,334.93	6,162.66	172.27	36.773		
11,900.00	6,840.00	6,819.00	6,819.00	162.55	118.05	90.00	2,326.81	-229.32	6,434.54	6,262.23	172.32	37.341		
12,000.00	6,840.00	6,819.00	6,819.00	165.16	118.05	90.00	2,326.81	-229.32	6,534.16	6,361.80	172.36	37.910		
12,100.00	6,840.00	6,819.00	6,819.00	167.76	118.05	90.00	2,326.81	-229.32	6,633.79	6,461.39	172.40	38.478		
12,200.00	6,840.00	6,819.00	6,819.00	170.37	118.05	90.00	2,326.81	-229.32	6,733.44	6,560.99	172.45	39.046		
12,300.00	6,840.00	6,819.00	6,819.00	172.99	118.05	90.00	2,326.81	-229.32	6,833.09	6,660.60	172.49	39.614		
12,400.00	6,840.00	6,819.00	6,819.00	175.60	118.05	90.00	2,326.81	-229.32	6,932.75	6,760.22	172.54	40.182		
12,500.00	6,840.00	6,819.00	6,819.00	178.23	118.05	90.00	2,326.81	-229.32	7,032.43	6,859.85	172.58	40.749		
12,600.00	6,840.00	6,819.00	6,819.00	180.85	118.05	90.00	2,326.81	-229.32	7,132.11	6,959.48	172.62	41.316		
12,700.00	6,840.00	6,819.00	6,819.00	183.47	118.05	90.00	2,326.81	-229.32	7,231.80	7,059.13	172.67	41.883		
12,800.00	6,840.00	6,819.00	6,819.00	186.10	118.05	90.00	2,326.81	-229.32	7,331.50	7,158.79	172.71	42.450		
12,900.00	6,840.00	6,819.00	6,819.00	188.74	118.05	90.00	2,326.81	-229.32	7,431.20	7,258.45	172.75	43.016		
13,000.00	6,840.00	6,819.00	6,819.00	191.37	118.05	90.00	2,326.81	-229.32	7,530.92	7,358.12	172.80	43.582		
13,100.00	6,840.00	6,819.00	6,819.00	194.01	118.05	90.00	2,326.81	-229.32	7,630.64	7,457.80	172.84	44.148		
13,200.00	6,840.00	6,819.00	6,819.00	196.65	118.05	90.00	2,326.81	-229.32	7,730.37	7,557.48	172.89	44.713		
13,300.00	6,840.00	6,819.00	6,819.00	199.29	118.05	90.00	2,326.81	-229.32	7,830.11	7,657.18	172.93	45.279		
13,400.00	6,840.00	6,819.00	6,819.00	201.93	118.05	90.00	2,326.81	-229.32	7,929.85	7,756.87	172.98	45.844		
13,500.00	6,840.00	6,819.00	6,819.00	204.58	118.05	90.00	2,326.81	-229.32	8,029.60	7,856.58	173.02	46.408		
13,600.00	6,840.00	6,819.00	6,819.00	207.22	118.05	90.00	2,326.81	-229.32	8,129.36	7,956.29	173.07	46.973		
13,700.00	6,840.00	6,819.00	6,819.00	209.87	118.05	90.00	2,326.81	-229.32	8,229.12	8,056.01	173.11	47.537		
13,800.00	6,840.00	6,819.00	6,819.00	212.52	118.05	90.00	2,326.81	-229.32	8,328.88	8,155.73	173.16	48.100		
13,900.00	6,840.00	6,819.00	6,819.00	215.18	118.05	90.00	2,326.81	-229.32	8,428.66	8,255.46	173.20	48.664		
14,000.00	6,840.00	6,819.00	6,819.00	217.83	118.05	90.00	2,326.81	-229.32	8,528.44	8,355.19	173.25	49.227		
14,100.00	6,840.00	6,819.00	6,819.00	220.49	118.05	90.00	2,326.81	-229.32	8,628.22	8,454.93	173.29	49.790		
14,200.00	6,840.00	6,819.00	6,819.00	223.15	118.05	90.00	2,326.81	-229.32	8,728.01	8,554.67	173.34	50.352		
14,300.00	6,840.00	6,819.00	6,819.00	225.81	118.05	90.00	2,326.81	-229.32	8,827.80	8,654.42	173.38	50.914		
14,400.00	6,840.00	6,819.00	6,819.00	228.47	118.05	90.00	2,326.81	-229.32	8,927.60	8,754.17	173.43	51.476		
14,500.00	6,840.00	6,819.00	6,819.00	231.13	118.05	90.00	2,326.81	-229.32	9,027.40	8,853.92	173.48	52.038		
14,600.00	6,840.00	6,819.00	6,819.00	233.79	118.05	90.00	2,326.81	-229.32	9,127.21	8,953.68	173.52	52.599		
14,700.00	6,840.00	6,819.00	6,819.00	236.46	118.05	90.00	2,326.81	-229.32	9,227.02	9,053.45	173.57	53.160		
14,800.00	6,840.00	6,819.00	6,819.00	239.12	118.05	90.00	2,326.81	-229.32	9,326.83	9,153.21	173.62	53.720		
14,900.00	6,840.00	6,819.00	6,819.00	241.79	118.05	90.00	2,326.81	-229.32	9,426.65	9,252.98	173.67	54.280		
15,000.00	6,840.00	6,819.00	6,819.00	244.46	118.05	90.00	2,326.81	-229.32	9,526.47	9,352.76	173.71	54.840		
15,100.00	6,840.00	6,819.00	6,819.00	247.13	118.05	90.00	2,326.81	-229.32	9,626.30	9,452.54	173.76	55.399		
15,200.00	6,840.00	6,819.00	6,819.00	249.80	118.05	90.00	2,326.81	-229.32	9,726.13	9,552.32	173.81	55.958		
15,300.00	6,840.00	6,819.00	6,819.00	252.47	118.05	90.00	2,326.81	-229.32	9,825.96	9,652.10	173.86	56.517		
15,400.00	6,840.00	6,819.00	6,819.00	255.15	118.05	90.00	2,326.81	-229.32	9,925.80	9,751.89	173.91	57.075		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-107.61	-1,097.41	-3,457.59	3,627.94					
100.00	100.00	48.82	48.82	0.13	0.05	-107.61	-1,097.53	-3,457.55	3,627.56	3,627.38	0.18	N/A		
200.00	200.00	173.50	173.49	0.49	0.19	-107.63	-1,098.58	-3,456.90	3,627.36	3,626.68	0.68	5,324.906		
300.00	300.00	280.15	280.13	0.85	0.30	-107.65	-1,099.62	-3,455.58	3,626.46	3,625.32	1.14	3,178.350		
400.00	400.00	374.64	374.61	1.21	0.37	-107.67	-1,100.74	-3,454.41	3,625.64	3,624.08	1.57	2,315.613		
500.00	499.98	459.53	459.48	1.57	0.42	-58.48	-1,101.82	-3,453.56	3,624.17	3,622.20	1.97	1,839.151		
600.00	599.84	531.42	531.37	1.93	0.46	-58.59	-1,103.03	-3,453.16	3,621.44	3,619.08	2.36	1,532.708		
700.00	699.45	600.00	599.93	2.29	0.50	-58.76	-1,104.57	-3,453.40	3,617.88	3,615.12	2.76	1,312.863		
800.00	798.70	672.77	672.66	2.67	0.53	-58.99	-1,106.61	-3,454.12	3,613.33	3,610.17	3.16	1,142.747		
900.00	897.47	768.98	768.81	3.07	0.58	-59.34	-1,109.76	-3,455.28	3,607.41	3,603.82	3.59	1,004.246		
1,000.00	995.62	872.72	872.49	3.50	0.63	-59.79	-1,113.26	-3,456.34	3,599.68	3,595.64	4.04	889.973		
1,100.00	1,093.06	973.46	973.17	3.97	0.68	-60.31	-1,116.49	-3,457.29	3,590.18	3,585.66	4.52	794.221		
1,200.00	1,189.64	1,070.01	1,069.68	4.47	0.72	-60.89	-1,119.27	-3,458.24	3,579.06	3,574.04	5.02	712.290		
1,300.00	1,285.27	1,164.82	1,164.45	5.01	0.76	-61.54	-1,121.80	-3,459.27	3,566.46	3,560.90	5.56	640.911		
1,400.00	1,379.82	1,257.65	1,257.24	5.61	0.80	-62.25	-1,124.08	-3,460.36	3,552.47	3,546.32	6.15	578.022		
1,500.00	1,473.17	1,344.44	1,344.00	6.25	0.83	-63.00	-1,126.01	-3,461.54	3,537.23	3,530.45	6.77	522.332		
1,600.00	1,565.21	1,428.86	1,428.39	6.96	0.86	-63.79	-1,127.82	-3,462.94	3,520.99	3,513.53	7.45	472.567		
1,700.00	1,656.01	1,518.85	1,518.35	7.72	0.90	-64.54	-1,129.79	-3,464.52	3,503.89	3,495.70	8.18	428.174		
1,800.00	1,746.60	1,616.66	1,616.12	8.50	0.93	-65.18	-1,131.78	-3,466.20	3,486.93	3,477.98	8.95	389.744		
1,900.00	1,837.19	1,719.99	1,719.43	9.30	0.97	-65.86	-1,133.48	-3,467.79	3,470.11	3,460.38	9.73	356.588		
2,000.00	1,927.79	1,820.86	1,820.28	10.12	1.00	-66.53	-1,134.65	-3,469.24	3,453.47	3,442.94	10.53	327.912		
2,100.00	2,018.38	1,938.59	1,938.00	10.93	1.03	-67.30	-1,135.07	-3,470.67	3,436.78	3,425.43	11.35	302.907		
2,200.00	2,108.97	2,067.12	2,066.52	11.76	1.05	-68.13	-1,134.00	-3,471.56	3,419.62	3,407.46	12.16	281.166		
2,300.00	2,199.56	2,169.65	2,169.04	12.59	1.06	-68.79	-1,132.32	-3,471.75	3,402.13	3,389.15	12.98	262.069		
2,400.00	2,290.15	2,275.25	2,274.63	13.43	1.06	-69.48	-1,130.55	-3,471.67	3,384.85	3,371.04	13.81	245.138		
2,500.00	2,380.75	2,388.73	2,388.08	14.26	1.07	-70.24	-1,128.50	-3,470.92	3,367.44	3,352.80	14.64	230.021		
2,600.00	2,471.34	2,489.23	2,488.55	15.11	1.08	-70.92	-1,126.64	-3,469.69	3,350.00	3,334.53	15.48	216.424		
2,700.00	2,561.93	2,572.46	2,571.77	15.95	1.09	-71.49	-1,125.50	-3,468.42	3,332.97	3,316.65	16.33	204.132		
2,800.00	2,652.52	2,658.02	2,657.32	16.80	1.10	-72.09	-1,124.83	-3,467.08	3,316.62	3,299.43	17.18	193.003		
2,900.00	2,743.12	2,738.90	2,738.19	17.64	1.11	-72.67	-1,124.34	-3,465.84	3,300.87	3,282.82	18.05	182.885		
3,000.00	2,833.71	2,815.53	2,814.81	18.49	1.12	-73.22	-1,124.08	-3,464.94	3,285.99	3,267.07	18.92	173.675		
3,100.00	2,924.30	2,901.45	2,900.72	19.35	1.14	-73.84	-1,123.96	-3,464.07	3,271.84	3,252.04	19.80	165.265		
3,200.00	3,014.89	2,993.79	2,993.06	20.20	1.16	-74.51	-1,123.94	-3,463.11	3,258.22	3,237.54	20.68	157.550		
3,300.00	3,105.48	3,087.45	3,086.71	21.05	1.17	-75.21	-1,124.15	-3,461.89	3,245.04	3,223.47	21.57	150.453		
3,400.00	3,196.08	3,184.70	3,183.95	21.91	1.20	-75.94	-1,124.43	-3,460.41	3,232.25	3,209.79	22.46	143.907		
3,500.00	3,286.67	3,328.25	3,327.47	22.76	1.22	-77.00	-1,123.12	-3,457.88	3,219.26	3,195.91	23.35	137.874		
3,600.00	3,377.26	3,432.67	3,431.82	23.62	1.24	-77.78	-1,121.22	-3,454.83	3,205.38	3,181.13	24.25	132.201		
3,700.00	3,467.85	3,500.00	3,499.13	24.47	1.25	-78.28	-1,120.05	-3,453.36	3,192.61	3,167.45	25.15	126.931		
3,800.00	3,558.45	3,545.07	3,544.19	25.33	1.25	-78.62	-1,119.30	-3,452.94	3,181.29	3,155.23	26.06	122.078		
3,900.00	3,649.04	3,600.00	3,599.11	26.19	1.25	-79.01	-1,118.40	-3,453.25	3,171.62	3,144.66	26.96	117.630		
4,000.00	3,739.63	3,656.05	3,655.15	27.05	1.26	-79.42	-1,117.66	-3,454.22	3,163.49	3,135.62	27.87	113.515		
4,100.00	3,830.22	3,717.92	3,717.00	27.90	1.27	-79.87	-1,117.27	-3,455.72	3,156.76	3,127.99	28.77	109.714		
4,200.00	3,920.81	3,785.74	3,784.79	28.76	1.28	-80.36	-1,117.37	-3,457.65	3,151.29	3,121.61	29.68	106.183		
4,300.00	4,011.41	3,871.50	3,870.51	29.62	1.29	-80.99	-1,118.00	-3,460.26	3,146.81	3,116.22	30.59	102.879		
4,400.00	4,102.00	3,969.03	3,968.00	30.48	1.30	-81.72	-1,118.70	-3,463.18	3,142.82	3,111.32	31.50	99.771		
4,500.00	4,192.59	4,070.56	4,069.48	31.34	1.32	-82.47	-1,119.22	-3,466.02	3,139.09	3,106.68	32.41	96.841		
4,600.00	4,283.18	4,177.38	4,176.27	32.20	1.34	-83.27	-1,119.55	-3,468.64	3,135.53	3,102.20	33.33	94.078		
4,700.00	4,373.78	4,275.02	4,273.89	33.06	1.36	-83.99	-1,119.56	-3,470.76	3,132.12	3,097.88	34.24	91.472		
4,800.00	4,464.37	4,376.60	4,375.45	33.92	1.37	-84.75	-1,119.30	-3,472.94	3,129.06	3,093.91	35.15	89.015		
4,900.00	4,554.96	4,474.16	4,472.98	34.78	1.39	-85.47	-1,118.65	-3,475.00	3,126.24	3,090.18	36.06	86.698		
5,000.00	4,645.55	4,577.04	4,575.83	35.64	1.41	-86.23	-1,117.42	-3,477.37	3,123.73	3,086.76	36.96	84.508		
5,100.00	4,736.14	4,687.07	4,685.78	36.51	1.43	-87.01	-1,114.89	-3,480.38	3,121.28	3,083.41	37.87	82.432		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,826.74	4,804.49	4,803.03	37.37	1.44	-87.82	-1,110.17	-3,484.53	3,118.65	3,079.89	38.76	80.456		
5,300.00	4,917.33	4,918.15	4,916.52	38.23	1.46	-88.61	-1,105.02	-3,487.80	3,115.71	3,076.06	39.65	78.573		
5,400.00	5,007.92	5,007.26	5,005.57	39.09	1.48	-89.25	-1,101.84	-3,489.15	3,113.05	3,072.51	40.54	76.786		
5,500.00	5,098.51	5,097.27	5,095.53	39.95	1.49	-89.91	-1,099.23	-3,489.94	3,110.96	3,069.53	41.43	75.097		
5,600.00	5,189.11	5,177.11	5,175.36	40.81	1.50	-90.51	-1,097.31	-3,490.44	3,109.57	3,067.27	42.30	73.504		
5,700.00	5,279.70	5,260.62	5,258.85	41.68	1.51	-91.14	-1,095.82	-3,490.78	3,109.03	3,065.85	43.18	72.004		
5,724.74	5,302.11	5,281.68	5,279.91	41.89	1.52	-91.30	-1,095.49	-3,490.85	3,109.00	3,065.61	43.39	71.645		
5,800.00	5,370.29	5,346.59	5,344.80	42.54	1.53	-91.79	-1,094.58	-3,491.04	3,109.20	3,065.15	44.05	70.586		
5,900.00	5,460.88	5,434.81	5,433.02	43.40	1.54	-92.47	-1,093.57	-3,491.19	3,110.05	3,065.14	44.91	69.247		
6,000.00	5,551.47	5,526.20	5,524.41	44.26	1.55	-93.17	-1,092.66	-3,491.19	3,111.49	3,065.72	45.77	67.982		
6,100.00	5,642.07	5,620.64	5,618.84	45.13	1.56	-93.91	-1,092.13	-3,490.57	3,113.44	3,066.82	46.62	66.785		
6,200.00	5,732.66	5,721.73	5,719.92	45.99	1.57	-94.70	-1,091.55	-3,489.47	3,115.72	3,068.25	47.47	65.640		
6,300.00	5,823.25	5,816.99	5,815.18	46.85	1.58	-95.45	-1,090.76	-3,488.39	3,118.39	3,070.08	48.31	64.554		
6,400.00	5,913.84	5,914.15	5,912.33	47.72	1.60	-96.21	-1,089.76	-3,487.26	3,121.46	3,072.32	49.14	63.521		
6,500.00	6,004.44	6,011.42	6,009.58	48.58	1.61	-96.96	-1,088.54	-3,486.06	3,124.91	3,074.95	49.97	62.538		
6,600.00	6,095.03	6,108.73	6,106.88	49.44	1.62	-97.72	-1,087.16	-3,484.76	3,128.76	3,077.97	50.79	61.604		
6,700.00	6,185.62	6,219.02	6,217.13	50.30	1.64	-98.57	-1,085.19	-3,483.06	3,132.80	3,081.19	51.60	60.709		
6,800.00	6,276.21	6,330.60	6,328.65	51.17	1.66	-99.43	-1,082.58	-3,480.79	3,136.73	3,084.32	52.41	59.848		
6,900.00	6,366.80	6,400.00	6,398.02	52.03	1.67	-99.97	-1,080.76	-3,479.23	3,141.01	3,087.81	53.20	59.041		
7,000.00	6,457.40	6,463.96	6,461.95	52.89	1.68	-100.46	-1,079.37	-3,478.27	3,146.57	3,092.59	53.98	58.295		
7,100.00	6,545.60	6,513.90	6,511.89	53.85	1.69	-90.58	-1,078.76	-3,478.18	3,150.28	3,095.45	54.83	57.455		
7,200.00	6,626.13	6,563.59	6,561.57	55.05	1.69	-84.64	-1,078.45	-3,478.65	3,146.47	3,090.56	55.91	56.278		
7,300.00	6,696.49	6,609.97	6,607.95	56.46	1.70	-82.06	-1,078.40	-3,479.60	3,135.50	3,078.31	57.20	54.818		
7,400.00	6,754.56	6,657.93	6,655.88	58.05	1.71	-81.75	-1,078.43	-3,481.00	3,117.95	3,059.28	58.67	53.143		
7,500.00	6,798.57	6,695.81	6,693.74	59.78	1.71	-82.92	-1,078.48	-3,482.37	3,094.71	3,034.44	60.27	51.344		
7,600.00	6,827.18	6,716.35	6,714.26	61.58	1.71	-85.03	-1,078.53	-3,483.22	3,066.90	3,004.96	61.94	49.513		
7,700.00	6,839.51	6,726.54	6,724.45	63.39	1.72	-87.94	-1,078.58	-3,483.69	3,035.63	2,972.01	63.61	47.721		
7,800.00	6,840.00	6,729.77	6,727.66	65.19	1.72	-88.79	-1,078.59	-3,483.84	3,003.33	2,938.08	65.25	46.025		
7,900.00	6,840.00	6,732.79	6,730.68	67.04	1.72	-88.85	-1,078.61	-3,483.99	2,973.89	2,906.97	66.92	44.442		
8,000.00	6,840.00	6,735.92	6,733.81	68.95	1.72	-88.91	-1,078.63	-3,484.14	2,947.54	2,878.95	68.59	42.975		
8,100.00	6,840.00	6,739.15	6,737.04	70.91	1.72	-88.98	-1,078.65	-3,484.30	2,924.37	2,854.11	70.26	41.621		
8,200.00	6,840.00	6,742.51	6,740.39	72.91	1.72	-89.04	-1,078.67	-3,484.47	2,904.46	2,832.53	71.93	40.379		
8,300.00	6,840.00	6,745.98	6,743.86	74.96	1.72	-89.11	-1,078.69	-3,484.65	2,887.86	2,814.28	73.58	39.248		
8,400.00	6,840.00	6,749.58	6,747.45	77.05	1.72	-89.19	-1,078.72	-3,484.84	2,874.65	2,799.44	75.21	38.224		
8,500.00	6,840.00	6,753.32	6,751.18	79.18	1.72	-89.26	-1,078.75	-3,485.04	2,864.86	2,788.06	76.79	37.306		
8,600.00	6,840.00	6,757.20	6,755.06	81.34	1.72	-89.34	-1,078.78	-3,485.26	2,858.53	2,780.19	78.34	36.489		
8,700.00	6,840.00	6,761.23	6,759.08	83.54	1.72	-89.42	-1,078.82	-3,485.48	2,855.68	2,775.85	79.83	35.772		
8,731.57	6,840.00	6,762.53	6,760.38	84.24	1.72	-89.45	-1,078.83	-3,485.56	2,855.50	2,775.21	80.29	35.564 CC		
8,800.00	6,840.00	6,765.42	6,763.27	85.76	1.72	-89.50	-1,078.86	-3,485.72	2,856.32	2,775.06	81.26	35.149 ES		
8,900.00	6,840.00	6,769.78	6,767.62	88.02	1.72	-89.59	-1,078.90	-3,485.97	2,860.45	2,777.83	82.63	34.619		
9,000.00	6,840.00	6,774.32	6,772.15	90.30	1.72	-89.68	-1,078.95	-3,486.24	2,868.06	2,784.14	83.92	34.176		
9,100.00	6,840.00	6,779.06	6,776.88	92.60	1.72	-89.78	-1,079.01	-3,486.53	2,879.11	2,793.98	85.13	33.819		
9,200.00	6,840.00	6,784.00	6,781.81	94.93	1.72	-89.88	-1,079.06	-3,486.83	2,893.57	2,807.30	86.27	33.542		
9,300.00	6,840.00	6,789.16	6,786.96	97.28	1.72	-89.98	-1,079.13	-3,487.16	2,911.38	2,824.06	87.32	33.342		
9,400.00	6,840.00	6,794.55	6,792.34	99.65	1.73	-90.09	-1,079.20	-3,487.51	2,932.49	2,844.20	88.28	33.217		
9,500.00	6,840.00	6,802.34	6,800.12	102.03	1.73	-90.24	-1,079.31	-3,488.02	2,956.81	2,867.64	89.17	33.159		
9,600.00	6,840.00	6,911.97	6,909.35	104.43	1.75	-92.43	-1,079.36	-3,497.23	2,984.16	2,893.85	90.31	33.044 SF		
9,700.00	6,840.00	6,910.50	6,907.89	106.85	1.75	-92.40	-1,079.39	-3,497.07	3,014.41	2,923.41	91.01	33.123		
9,800.00	6,840.00	6,920.14	6,917.48	109.29	1.75	-92.60	-1,079.29	-3,497.99	3,047.62	2,955.96	91.66	33.249		
9,900.00	6,840.00	6,929.68	6,926.98	111.73	1.75	-92.79	-1,079.20	-3,498.90	3,083.68	2,991.45	92.23	33.434		
10,000.00	6,840.00	6,939.11	6,936.36	114.19	1.75	-92.97	-1,079.10	-3,499.80	3,122.50	3,029.77	92.73	33.674		
10,100.00	6,840.00	6,948.43	6,945.64	116.66	1.76	-93.16	-1,079.00	-3,500.68	3,163.98	3,070.83	93.15	33.966		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,957.65	6,954.82	119.15	1.76	-93.34	-1,078.90	-3,501.54	3,208.01	3,114.50	93.51	34.308		
10,300.00	6,840.00	6,966.77	6,963.90	121.64	1.76	-93.53	-1,078.80	-3,502.40	3,254.49	3,160.70	93.80	34.697		
10,400.00	6,840.00	6,975.79	6,972.88	124.14	1.76	-93.70	-1,078.70	-3,503.23	3,303.33	3,209.30	94.03	35.132		
10,500.00	6,840.00	6,984.71	6,981.76	126.65	1.77	-93.88	-1,078.60	-3,504.06	3,354.40	3,260.20	94.20	35.609		
10,600.00	6,840.00	6,993.54	6,990.55	129.18	1.77	-94.06	-1,078.49	-3,504.87	3,407.63	3,313.30	94.32	36.127		
10,700.00	6,840.00	7,002.52	6,999.49	131.70	1.77	-94.24	-1,078.39	-3,505.69	3,462.90	3,368.50	94.40	36.683		
10,800.00	6,840.00	7,012.24	7,009.17	134.24	1.77	-94.43	-1,078.28	-3,506.58	3,520.12	3,425.68	94.44	37.275		
10,900.00	6,840.00	7,022.08	7,018.97	136.79	1.77	-94.63	-1,078.16	-3,507.49	3,579.20	3,484.76	94.44	37.901		
11,000.00	6,840.00	7,032.03	7,028.88	139.34	1.77	-94.82	-1,078.05	-3,508.41	3,640.03	3,545.63	94.40	38.560		
11,100.00	6,840.00	7,042.10	7,038.90	141.90	1.77	-95.02	-1,077.94	-3,509.35	3,702.55	3,608.21	94.33	39.249		
11,200.00	6,840.00	7,052.29	7,049.05	144.46	1.78	-95.23	-1,077.83	-3,510.31	3,766.66	3,672.41	94.24	39.968		
11,300.00	6,840.00	7,061.51	7,058.22	147.03	1.78	-95.41	-1,077.73	-3,511.17	3,832.28	3,738.15	94.12	40.716		
11,400.00	6,840.00	7,070.91	7,067.59	149.60	1.78	-95.59	-1,077.62	-3,512.06	3,899.34	3,805.35	93.98	41.490		
11,500.00	6,840.00	7,080.32	7,076.95	152.18	1.79	-95.78	-1,077.52	-3,512.94	3,967.76	3,873.94	93.82	42.290		
11,600.00	6,840.00	7,089.72	7,086.31	154.77	1.79	-95.97	-1,077.42	-3,513.83	4,037.48	3,943.83	93.65	43.113		
11,700.00	6,840.00	7,099.13	7,095.68	157.36	1.79	-96.15	-1,077.32	-3,514.71	4,108.43	4,014.97	93.46	43.960		
11,800.00	6,840.00	7,108.53	7,105.04	159.95	1.80	-96.34	-1,077.22	-3,515.59	4,180.54	4,087.29	93.26	44.828		
11,900.00	6,840.00	7,117.94	7,114.40	162.55	1.80	-96.52	-1,077.11	-3,516.48	4,253.77	4,160.72	93.05	45.717		
12,000.00	6,840.00	7,127.34	7,123.76	165.16	1.80	-96.71	-1,077.01	-3,517.36	4,328.04	4,235.22	92.83	46.626		
12,100.00	6,840.00	7,136.75	7,133.13	167.76	1.81	-96.90	-1,076.91	-3,518.25	4,403.31	4,310.72	92.60	47.553		
12,200.00	6,840.00	7,146.15	7,142.49	170.37	1.81	-97.08	-1,076.81	-3,519.13	4,479.53	4,387.17	92.37	48.498		
12,300.00	6,840.00	7,155.56	7,151.85	172.99	1.81	-97.27	-1,076.70	-3,520.01	4,556.66	4,464.53	92.13	49.460		
12,400.00	6,840.00	7,164.96	7,161.21	175.60	1.82	-97.45	-1,076.60	-3,520.90	4,634.63	4,542.74	91.89	50.438		
12,500.00	6,840.00	7,174.37	7,170.58	178.23	1.82	-97.64	-1,076.50	-3,521.78	4,713.42	4,621.78	91.65	51.431		
12,600.00	6,840.00	7,183.77	7,179.94	180.85	1.82	-97.82	-1,076.40	-3,522.67	4,792.98	4,701.58	91.40	52.438		
12,700.00	6,840.00	7,193.18	7,189.30	183.47	1.83	-98.01	-1,076.30	-3,523.55	4,873.28	4,782.12	91.16	53.459		
12,800.00	6,840.00	7,202.58	7,198.67	186.10	1.83	-98.19	-1,076.19	-3,524.44	4,954.28	4,863.36	90.91	54.494		
12,900.00	6,840.00	7,211.99	7,208.03	188.74	1.83	-98.38	-1,076.09	-3,525.32	5,035.94	4,945.27	90.67	55.541		
13,000.00	6,840.00	7,221.39	7,217.39	191.37	1.83	-98.56	-1,075.99	-3,526.20	5,118.23	5,027.81	90.43	56.599		
13,100.00	6,840.00	7,230.80	7,226.75	194.01	1.84	-98.74	-1,075.89	-3,527.09	5,201.13	5,110.94	90.19	57.669		
13,200.00	6,840.00	7,240.20	7,236.12	196.65	1.84	-98.93	-1,075.78	-3,527.97	5,284.61	5,194.66	89.95	58.750		
13,300.00	6,840.00	7,249.61	7,245.48	199.29	1.84	-99.11	-1,075.68	-3,528.86	5,368.63	5,278.91	89.72	59.840		
13,400.00	6,840.00	7,259.01	7,254.84	201.93	1.85	-99.30	-1,075.58	-3,529.74	5,453.18	5,363.69	89.48	60.941		
13,500.00	6,840.00	7,268.42	7,264.20	204.58	1.85	-99.48	-1,075.48	-3,530.62	5,538.22	5,448.97	89.25	62.050		
13,600.00	6,840.00	7,277.82	7,273.57	207.22	1.85	-99.66	-1,075.37	-3,531.51	5,623.74	5,534.71	89.03	63.168		
13,700.00	6,840.00	7,287.23	7,283.00	209.87	1.85	-99.84	-1,075.27	-3,532.40	5,709.76	5,621.05	88.80	64.286		
13,800.00	6,840.00	7,296.63	7,292.44	212.52	1.85	-99.99	-1,075.17	-3,533.29	5,796.22	5,707.75	88.57	65.404		
13,900.00	6,840.00	7,306.03	7,298.00	215.18	1.85	-99.99	-1,075.07	-3,534.18	5,883.10	5,794.89	88.34	66.522		
14,000.00	6,840.00	7,315.43	7,303.60	217.83	1.85	-99.99	-1,074.97	-3,535.07	5,970.40	5,882.43	88.11	67.640		
14,100.00	6,840.00	7,324.83	7,312.00	220.49	1.85	-99.99	-1,074.87	-3,535.96	6,058.09	5,970.36	87.88	68.758		
14,200.00	6,840.00	7,334.23	7,316.40	223.15	1.85	-99.99	-1,074.77	-3,536.85	6,146.15	6,058.66	87.65	69.876		
14,300.00	6,840.00	7,343.63	7,320.80	225.81	1.85	-99.99	-1,074.67	-3,537.74	6,234.57	6,147.32	87.42	70.994		
14,400.00	6,840.00	7,353.03	7,325.20	228.47	1.85	-99.99	-1,074.57	-3,538.63	6,323.34	6,236.31	87.19	72.112		
14,500.00	6,840.00	7,362.43	7,329.60	231.13	1.85	-99.99	-1,074.47	-3,539.52	6,412.44	6,325.64	86.96	73.230		
14,600.00	6,840.00	7,371.83	7,334.00	233.79	1.85	-99.99	-1,074.37	-3,540.41	6,501.86	6,415.27	86.73	74.348		
14,700.00	6,840.00	7,381.23	7,338.40	236.46	1.85	-99.99	-1,074.27	-3,541.30	6,591.58	6,505.21	86.50	75.466		
14,800.00	6,840.00	7,390.63	7,342.80	239.12	1.85	-99.99	-1,074.17	-3,542.19	6,681.59	6,595.43	86.27	76.584		
14,900.00	6,840.00	7,400.03	7,347.20	241.79	1.85	-99.99	-1,074.07	-3,543.08	6,771.89	6,685.93	86.04	77.702		
15,000.00	6,840.00	7,409.43	7,351.60	244.46	1.85	-99.99	-1,073.97	-3,543.97	6,862.45	6,776.70	85.81	78.820		
15,100.00	6,840.00	7,418.83	7,356.00	247.13	1.85	-99.99	-1,073.87	-3,544.86	6,953.27	6,867.72	85.58	79.938		
15,200.00	6,840.00	7,428.23	7,360.40	249.80	1.85	-99.99	-1,073.77	-3,545.75	7,044.34	6,958.98	85.35	81.056		
15,300.00	6,840.00	7,437.63	7,364.80	252.47	1.85	-99.99	-1,073.67	-3,546.64	7,135.65	7,050.48	85.12	82.174		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	255.15	1.85	-99.39	-1,075.53	-3,530.21	7,227.18	7,142.20	84.98	85.044		
15,500.00	6,840.00	7,264.00	7,259.81	257.82	1.85	-99.39	-1,075.53	-3,530.21	7,318.94	7,234.14	84.80	86.308		
15,600.00	6,840.00	7,264.00	7,259.81	260.50	1.85	-99.39	-1,075.53	-3,530.21	7,410.92	7,326.30	84.62	87.576		
15,700.00	6,840.00	7,264.00	7,259.81	263.17	1.85	-99.39	-1,075.53	-3,530.21	7,503.10	7,418.65	84.45	88.848		
15,800.00	6,840.00	7,264.00	7,259.81	265.85	1.85	-99.39	-1,075.53	-3,530.21	7,595.47	7,511.19	84.28	90.122		
15,900.00	6,840.00	7,264.00	7,259.81	268.53	1.85	-99.39	-1,075.53	-3,530.21	7,688.04	7,603.93	84.11	91.400		
16,000.00	6,840.00	7,264.00	7,259.81	271.20	1.85	-99.39	-1,075.53	-3,530.21	7,780.79	7,696.84	83.95	92.681		
16,100.00	6,840.00	7,264.00	7,259.81	273.88	1.85	-99.39	-1,075.53	-3,530.21	7,873.72	7,789.93	83.79	93.965		
16,200.00	6,840.00	7,264.00	7,259.81	276.56	1.85	-99.39	-1,075.53	-3,530.21	7,966.82	7,883.18	83.64	95.252		
16,300.00	6,840.00	7,264.00	7,259.81	279.25	1.85	-99.39	-1,075.53	-3,530.21	8,060.09	7,976.60	83.49	96.541		
16,400.00	6,840.00	7,264.00	7,259.81	281.93	1.85	-99.39	-1,075.53	-3,530.21	8,153.51	8,070.17	83.34	97.832		
16,500.00	6,840.00	7,264.00	7,259.81	284.61	1.85	-99.39	-1,075.53	-3,530.21	8,247.09	8,163.89	83.20	99.126		
16,600.00	6,840.00	7,264.00	7,259.81	287.29	1.85	-99.39	-1,075.53	-3,530.21	8,340.82	8,257.76	83.06	100.421		
16,700.00	6,840.00	7,264.00	7,259.81	289.98	1.85	-99.39	-1,075.53	-3,530.21	8,434.69	8,351.77	82.92	101.719		
16,800.00	6,840.00	7,264.00	7,259.81	292.66	1.85	-99.39	-1,075.53	-3,530.21	8,528.70	8,445.91	82.79	103.018		
16,900.00	6,840.00	7,264.00	7,259.81	295.35	1.85	-99.39	-1,075.53	-3,530.21	8,622.85	8,540.19	82.66	104.319		
17,000.00	6,840.00	7,264.00	7,259.81	298.03	1.85	-99.39	-1,075.53	-3,530.21	8,717.12	8,634.59	82.53	105.622		
17,100.00	6,840.00	7,264.00	7,259.81	300.72	1.85	-99.39	-1,075.53	-3,530.21	8,811.53	8,729.12	82.41	106.926		
17,200.00	6,840.00	7,264.00	7,259.81	303.41	1.85	-99.39	-1,075.53	-3,530.21	8,906.05	8,823.76	82.29	108.231		
17,300.00	6,840.00	7,264.00	7,259.81	306.09	1.85	-99.39	-1,075.53	-3,530.21	9,000.69	8,918.52	82.17	109.538		
17,400.00	6,840.00	7,264.00	7,259.81	308.78	1.85	-99.39	-1,075.53	-3,530.21	9,095.45	9,013.40	82.06	110.846		
17,500.00	6,840.00	7,264.00	7,259.81	311.47	1.85	-99.39	-1,075.53	-3,530.21	9,190.32	9,108.38	81.94	112.154		
17,600.00	6,840.00	7,264.00	7,259.81	314.16	1.85	-99.39	-1,075.53	-3,530.21	9,285.30	9,203.46	81.83	113.464		
17,700.00	6,840.00	7,264.00	7,259.81	316.85	1.85	-99.39	-1,075.53	-3,530.21	9,380.38	9,298.65	81.73	114.774		
17,800.00	6,840.00	7,264.00	7,259.81	319.54	1.85	-99.39	-1,075.53	-3,530.21	9,475.56	9,393.94	81.63	116.085		
17,900.00	6,840.00	7,264.00	7,259.81	322.23	1.85	-99.39	-1,075.53	-3,530.21	9,570.84	9,489.32	81.53	117.397		
18,000.00	6,840.00	7,264.00	7,259.81	324.92	1.85	-99.39	-1,075.53	-3,530.21	9,666.22	9,584.79	81.43	118.709		
18,100.00	6,840.00	7,264.00	7,259.81	327.62	1.85	-99.39	-1,075.53	-3,530.21	9,761.69	9,680.35	81.33	120.022		
18,200.00	6,840.00	7,264.00	7,259.81	330.31	1.85	-99.39	-1,075.53	-3,530.21	9,857.24	9,776.00	81.24	121.335		
18,300.00	6,840.00	7,264.00	7,259.81	333.00	1.85	-99.39	-1,075.53	-3,530.21	9,952.89	9,871.74	81.15	122.648		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-173.50	-1,695.11	-193.08	1,706.19					
100.00	100.00	86.19	86.19	0.13	0.09	-173.51	-1,694.99	-192.78	1,705.93	1,705.70	0.23	7,571.273		
200.00	200.00	196.35	196.34	0.49	0.23	-173.54	-1,694.38	-191.78	1,705.28	1,704.56	0.72	2,360.566		
300.00	300.00	296.27	296.26	0.85	0.30	-173.55	-1,693.46	-191.32	1,704.31	1,703.16	1.15	1,483.268		
400.00	400.00	385.87	385.86	1.21	0.36	-173.55	-1,692.84	-191.51	1,703.65	1,702.08	1.57	1,086.844		
413.23	413.23	397.67	397.66	1.26	0.37	-124.28	-1,692.80	-191.53	1,703.63	1,702.01	1.62	1,049.939	CC, ES	
500.00	499.98	492.11	492.09	1.57	0.41	-124.33	-1,692.37	-191.42	1,704.19	1,702.22	1.97	864.978		
600.00	599.84	584.31	584.29	1.93	0.43	-124.42	-1,691.90	-191.30	1,706.62	1,704.27	2.35	725.269		
700.00	699.45	675.46	675.44	2.29	0.46	-124.55	-1,691.83	-191.81	1,711.56	1,708.81	2.75	621.443		
800.00	798.70	783.63	783.61	2.67	0.48	-124.78	-1,691.90	-192.21	1,718.64	1,715.49	3.15	546.394		
900.00	897.47	891.81	891.79	3.07	0.52	-125.11	-1,691.28	-192.11	1,727.09	1,723.51	3.58	482.366		
1,000.00	995.62	977.63	977.61	3.50	0.54	-125.37	-1,690.80	-192.38	1,737.71	1,733.70	4.02	432.623		
1,100.00	1,093.06	1,077.28	1,077.26	3.97	0.57	-125.74	-1,690.71	-192.79	1,750.96	1,746.48	4.48	391.085		
1,200.00	1,189.64	1,178.88	1,178.86	4.47	0.62	-126.19	-1,690.30	-192.90	1,766.10	1,761.13	4.98	354.688		
1,300.00	1,285.27	1,269.15	1,269.13	5.01	0.65	-126.59	-1,689.90	-193.11	1,783.53	1,778.03	5.49	324.593		
1,400.00	1,379.82	1,364.60	1,364.57	5.61	0.67	-127.06	-1,689.74	-193.54	1,803.58	1,797.55	6.03	299.104		
1,500.00	1,473.17	1,457.22	1,457.19	6.25	0.69	-127.55	-1,689.46	-193.52	1,825.94	1,819.35	6.59	276.952		
1,600.00	1,565.21	1,550.81	1,550.78	6.96	0.71	-128.07	-1,689.28	-193.79	1,850.93	1,843.74	7.19	257.322		
1,700.00	1,656.01	1,647.75	1,647.72	7.72	0.75	-128.85	-1,688.82	-193.92	1,878.01	1,870.18	7.83	239.834		
1,800.00	1,746.60	1,742.57	1,742.54	8.50	0.79	-129.83	-1,688.11	-193.93	1,905.66	1,897.19	8.48	224.845		
1,900.00	1,837.19	1,833.08	1,833.04	9.30	0.83	-130.75	-1,687.31	-193.70	1,933.72	1,924.60	9.12	212.128		
2,000.00	1,927.79	1,921.28	1,921.24	10.12	0.86	-131.62	-1,686.66	-193.30	1,962.41	1,952.66	9.75	201.273		
2,100.00	2,018.38	2,015.79	2,015.75	10.93	0.89	-132.54	-1,685.87	-192.77	1,991.50	1,981.12	10.38	191.794		
2,200.00	2,108.97	2,106.72	2,106.67	11.76	0.93	-133.40	-1,685.06	-192.25	2,021.01	2,010.00	11.01	183.585		
2,300.00	2,199.56	2,216.28	2,216.22	12.59	0.97	-134.40	-1,683.47	-191.94	2,050.42	2,038.78	11.64	176.104		
2,400.00	2,290.15	2,304.83	2,304.76	13.43	1.00	-135.18	-1,681.91	-191.70	2,079.98	2,067.72	12.26	169.709		
2,500.00	2,380.75	2,390.09	2,390.00	14.26	1.03	-135.92	-1,680.54	-191.23	2,110.11	2,097.26	12.86	164.126		
2,600.00	2,471.34	2,493.75	2,493.63	15.11	1.07	-136.81	-1,678.69	-190.33	2,140.54	2,127.07	13.47	158.967		
2,700.00	2,561.93	2,609.31	2,609.15	15.95	1.12	-137.78	-1,675.58	-189.29	2,170.52	2,156.44	14.08	154.177		
2,800.00	2,652.52	2,674.34	2,674.16	16.80	1.14	-138.31	-1,673.90	-188.59	2,200.97	2,186.33	14.63	150.404		
2,900.00	2,743.12	2,761.39	2,761.18	17.64	1.17	-139.01	-1,672.24	-187.42	2,232.45	2,217.25	15.20	146.863		
3,000.00	2,833.71	2,851.19	2,850.96	18.49	1.20	-139.70	-1,670.49	-186.67	2,264.16	2,248.40	15.77	143.612		
3,100.00	2,924.30	2,934.88	2,934.63	19.35	1.23	-140.33	-1,669.09	-186.05	2,296.42	2,280.10	16.32	140.734		
3,200.00	3,014.89	3,016.15	3,015.90	20.20	1.26	-140.92	-1,668.00	-185.46	2,329.29	2,312.43	16.86	138.179		
3,300.00	3,105.48	3,090.41	3,090.15	21.05	1.28	-141.46	-1,667.40	-184.68	2,362.98	2,345.60	17.37	136.003		
3,400.00	3,196.08	3,172.35	3,172.08	21.91	1.29	-142.03	-1,667.16	-183.68	2,397.44	2,379.55	17.89	134.026		
3,500.00	3,286.67	3,243.34	3,243.07	22.76	1.30	-142.51	-1,667.33	-182.98	2,432.59	2,414.22	18.38	132.384		
3,600.00	3,377.26	3,313.53	3,313.25	23.62	1.31	-142.97	-1,668.25	-182.36	2,468.88	2,450.03	18.85	130.966		
3,700.00	3,467.85	3,427.51	3,427.22	24.47	1.31	-143.69	-1,669.73	-181.94	2,505.30	2,485.92	19.38	129.293		
3,800.00	3,558.45	3,549.46	3,549.16	25.33	1.31	-144.39	-1,670.30	-183.26	2,540.81	2,520.89	19.93	127.517		
3,900.00	3,649.04	3,670.93	3,670.60	26.19	1.33	-145.04	-1,669.95	-186.26	2,575.54	2,555.04	20.49	125.687		
4,000.00	3,739.63	3,771.50	3,771.12	27.05	1.35	-145.55	-1,668.81	-189.08	2,609.56	2,588.54	21.03	124.101		
4,100.00	3,830.22	3,854.15	3,853.73	27.90	1.37	-145.97	-1,667.83	-191.13	2,643.81	2,622.28	21.53	122.790		
4,200.00	3,920.81	3,935.92	3,935.48	28.76	1.39	-146.38	-1,667.23	-193.08	2,678.63	2,656.60	22.03	121.603		
4,300.00	4,011.41	4,025.81	4,025.35	29.62	1.40	-146.82	-1,666.66	-194.87	2,713.80	2,691.27	22.53	120.440		
4,400.00	4,102.00	4,120.66	4,120.18	30.48	1.43	-147.28	-1,665.90	-196.70	2,749.00	2,725.96	23.04	119.300		
4,500.00	4,192.59	4,204.52	4,204.02	31.34	1.45	-147.67	-1,665.32	-198.22	2,784.47	2,760.94	23.53	118.334		
4,600.00	4,283.18	4,305.01	4,304.49	32.20	1.47	-148.14	-1,664.46	-199.68	2,820.05	2,796.00	24.04	117.288		
4,700.00	4,373.78	4,387.90	4,387.37	33.06	1.49	-148.52	-1,663.74	-200.86	2,855.77	2,831.24	24.52	116.453		
4,800.00	4,464.37	4,482.27	4,481.73	33.92	1.51	-148.94	-1,663.13	-202.51	2,891.71	2,866.69	25.02	115.574		
4,900.00	4,554.96	4,580.56	4,580.00	34.78	1.54	-149.37	-1,662.20	-203.96	2,927.61	2,902.09	25.52	114.712		
5,000.00	4,645.55	4,675.21	4,674.64	35.64	1.57	-149.79	-1,660.77	-204.50	2,963.46	2,937.45	26.01	113.923		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,759.65	4,759.07	36.51	1.59	-150.16	-1,659.54	-205.05	2,999.47	2,972.99	26.48	113.262		
5,200.00	4,826.74	4,876.52	4,875.92	37.37	1.63	-150.64	-1,658.08	-206.49	3,035.63	3,008.61	27.02	112.364		
5,300.00	4,917.33	5,021.48	5,020.79	38.23	1.67	-151.19	-1,654.63	-210.40	3,070.35	3,042.74	27.61	111.209		
5,400.00	5,007.92	5,131.04	5,130.22	39.09	1.71	-151.58	-1,651.16	-214.42	3,104.18	3,076.04	28.13	110.336		
5,500.00	5,098.51	5,229.62	5,228.67	39.95	1.74	-151.93	-1,647.58	-217.93	3,137.74	3,109.11	28.63	109.578		
5,600.00	5,189.11	5,323.59	5,322.52	40.81	1.77	-152.27	-1,644.04	-221.01	3,171.40	3,142.27	29.12	108.894		
5,700.00	5,279.70	5,437.24	5,436.02	41.68	1.80	-152.68	-1,638.90	-223.93	3,204.77	3,175.12	29.65	108.104		
5,800.00	5,370.29	5,536.74	5,535.35	42.54	1.84	-153.05	-1,633.54	-225.90	3,237.71	3,207.58	30.13	107.446		
5,900.00	5,460.88	5,612.72	5,611.21	43.40	1.86	-153.33	-1,629.40	-226.92	3,270.97	3,240.40	30.57	106.996		
6,000.00	5,551.47	5,672.98	5,671.40	44.26	1.88	-153.56	-1,626.53	-227.47	3,305.07	3,274.09	30.97	106.704		
6,100.00	5,642.07	5,735.64	5,734.02	45.13	1.90	-153.79	-1,624.13	-227.90	3,340.13	3,308.75	31.38	106.447		
6,200.00	5,732.66	5,800.33	5,798.68	45.99	1.92	-154.01	-1,622.21	-228.31	3,376.05	3,344.27	31.78	106.218		
6,300.00	5,823.25	5,878.60	5,876.92	46.85	1.95	-154.28	-1,620.35	-228.69	3,412.61	3,380.39	32.22	105.928		
6,400.00	5,913.84	5,981.11	5,979.41	47.72	1.98	-154.63	-1,617.99	-229.05	3,449.37	3,416.67	32.70	105.488		
6,500.00	6,004.44	6,070.93	6,069.19	48.58	2.01	-154.93	-1,615.68	-229.45	3,485.96	3,452.81	33.15	105.147		
6,600.00	6,095.03	6,154.54	6,152.78	49.44	2.03	-155.20	-1,613.67	-229.78	3,522.80	3,489.20	33.59	104.869		
6,700.00	6,185.62	6,239.91	6,238.13	50.30	2.06	-155.48	-1,611.82	-230.08	3,559.92	3,525.89	34.03	104.600		
6,800.00	6,276.21	6,322.85	6,321.04	51.17	2.09	-155.74	-1,609.99	-230.09	3,597.24	3,562.77	34.47	104.370		
6,900.00	6,366.80	6,393.85	6,392.03	52.03	2.11	-155.96	-1,608.81	-230.16	3,635.04	3,600.17	34.87	104.241		
7,000.00	6,457.40	6,499.70	6,497.87	52.89	2.14	-156.27	-1,607.29	-230.47	3,673.03	3,637.67	35.36	103.876		
7,100.00	6,545.60	6,587.34	6,585.50	53.85	2.17	-142.94	-1,605.91	-230.92	3,713.21	3,677.37	35.84	103.593		
7,200.00	6,626.13	6,671.68	6,669.83	55.05	2.20	-131.85	-1,604.57	-231.35	3,758.87	3,722.45	36.41	103.225		
7,300.00	6,696.49	6,743.40	6,741.54	56.46	2.22	-122.80	-1,603.17	-231.36	3,809.01	3,771.98	37.04	102.848		
7,400.00	6,754.56	6,801.27	6,799.39	58.05	2.24	-114.67	-1,601.95	-231.19	3,862.67	3,824.98	37.69	102.480		
7,500.00	6,798.57	6,855.82	6,853.93	59.78	2.26	-107.14	-1,600.70	-231.00	3,918.62	3,880.23	38.39	102.067		
7,600.00	6,827.18	6,891.44	6,889.54	61.58	2.27	-99.90	-1,599.82	-230.93	3,975.61	3,936.53	39.08	101.734		
7,700.00	6,839.51	6,906.82	6,904.92	63.39	2.27	-93.04	-1,599.43	-230.91	4,032.31	3,992.59	39.72	101.515		
7,800.00	6,840.00	6,907.32	6,905.42	65.19	2.27	-91.46	-1,599.42	-230.91	4,088.46	4,048.13	40.33	101.384		
7,900.00	6,840.00	6,907.21	6,905.30	67.04	2.27	-91.45	-1,599.42	-230.91	4,146.15	4,105.20	40.95	101.251		
8,000.00	6,840.00	6,907.09	6,905.18	68.95	2.27	-91.45	-1,599.42	-230.91	4,205.43	4,163.84	41.58	101.130		
8,100.00	6,840.00	6,906.97	6,905.06	70.91	2.27	-91.45	-1,599.43	-230.91	4,266.23	4,224.00	42.23	101.030		
8,200.00	6,840.00	6,906.85	6,904.94	72.91	2.27	-91.45	-1,599.43	-230.91	4,328.48	4,285.61	42.88	100.955		
8,300.00	6,840.00	6,906.73	6,904.82	74.96	2.27	-91.45	-1,599.43	-230.91	4,392.13	4,348.61	43.52	100.913		
8,400.00	6,840.00	6,906.61	6,904.70	77.05	2.27	-91.44	-1,599.43	-230.91	4,457.12	4,412.95	44.17	100.906 SF		
8,500.00	6,840.00	6,906.48	6,904.58	79.18	2.27	-91.44	-1,599.44	-230.91	4,523.38	4,478.56	44.81	100.937		
8,600.00	6,840.00	6,906.36	6,904.45	81.34	2.27	-91.44	-1,599.44	-230.91	4,590.86	4,545.41	45.45	101.008		
8,700.00	6,840.00	6,906.23	6,904.33	83.54	2.27	-91.44	-1,599.44	-230.91	4,659.51	4,613.44	46.08	101.119		
8,800.00	6,840.00	6,906.11	6,904.20	85.76	2.27	-91.43	-1,599.45	-230.91	4,729.29	4,682.59	46.70	101.271		
8,900.00	6,840.00	6,905.98	6,904.08	88.02	2.27	-91.43	-1,599.45	-230.91	4,800.13	4,752.82	47.31	101.464		
9,000.00	6,840.00	6,905.85	6,903.95	90.30	2.27	-91.43	-1,599.45	-230.91	4,871.99	4,824.08	47.91	101.696		
9,100.00	6,840.00	6,905.73	6,903.82	92.60	2.27	-91.43	-1,599.46	-230.91	4,944.83	4,896.34	48.49	101.968		
9,200.00	6,840.00	6,905.60	6,903.69	94.93	2.27	-91.43	-1,599.46	-230.91	5,018.61	4,969.54	49.07	102.278		
9,300.00	6,840.00	6,905.47	6,903.56	97.28	2.27	-91.42	-1,599.46	-230.91	5,093.28	5,043.65	49.63	102.625		
9,400.00	6,840.00	6,905.33	6,903.43	99.65	2.27	-91.42	-1,599.47	-230.91	5,168.80	5,118.62	50.18	103.008		
9,500.00	6,840.00	6,905.20	6,903.30	102.03	2.27	-91.42	-1,599.47	-230.91	5,245.15	5,194.43	50.71	103.426		
9,600.00	6,840.00	6,905.07	6,903.16	104.43	2.27	-91.42	-1,599.47	-230.91	5,322.28	5,271.04	51.24	103.876		
9,700.00	6,840.00	6,904.93	6,903.03	106.85	2.27	-91.41	-1,599.48	-230.91	5,400.16	5,348.41	51.75	104.358		
9,800.00	6,840.00	6,904.80	6,902.89	109.29	2.27	-91.41	-1,599.48	-230.91	5,478.76	5,426.51	52.24	104.870		
9,900.00	6,840.00	6,904.66	6,902.75	111.73	2.27	-91.41	-1,599.49	-230.91	5,558.04	5,505.32	52.73	105.412		
10,000.00	6,840.00	6,904.52	6,902.62	114.19	2.27	-91.41	-1,599.49	-230.91	5,637.99	5,584.79	53.20	105.981		
10,100.00	6,840.00	6,904.38	6,902.48	116.66	2.27	-91.41	-1,599.49	-230.91	5,718.56	5,664.91	53.66	106.576		
10,200.00	6,840.00	6,904.24	6,902.34	119.15	2.27	-91.40	-1,599.50	-230.91	5,799.74	5,745.64	54.10	107.197		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	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)			
10,300.00	6,840.00	6,904.10	6,902.19	121.64	2.27	-91.40	-1,599.50	-230.91	5,881.50	5,826.97	54.54	107.841		
10,400.00	6,840.00	6,903.96	6,902.05	124.14	2.27	-91.40	-1,599.50	-230.91	5,963.82	5,908.86	54.96	108.508		
10,500.00	6,840.00	6,903.81	6,901.91	126.65	2.27	-91.40	-1,599.51	-230.91	6,046.67	5,991.30	55.37	109.197		
10,600.00	6,840.00	6,903.67	6,901.76	129.18	2.27	-91.39	-1,599.51	-230.91	6,130.03	6,074.26	55.77	109.907		
10,700.00	6,840.00	6,903.52	6,901.61	131.70	2.27	-91.39	-1,599.51	-230.91	6,213.88	6,157.72	56.17	110.636		
10,800.00	6,840.00	6,903.37	6,901.47	134.24	2.27	-91.39	-1,599.52	-230.91	6,298.21	6,241.66	56.54	111.384		
10,900.00	6,840.00	6,903.22	6,901.32	136.79	2.27	-91.39	-1,599.52	-230.91	6,382.98	6,326.07	56.91	112.150		
11,000.00	6,840.00	6,903.07	6,901.17	139.34	2.27	-91.38	-1,599.53	-230.91	6,468.19	6,410.92	57.28	112.932		
11,100.00	6,840.00	6,902.92	6,901.02	141.90	2.27	-91.38	-1,599.53	-230.92	6,553.82	6,496.20	57.63	113.731		
11,200.00	6,840.00	6,902.77	6,900.86	144.46	2.27	-91.38	-1,599.53	-230.92	6,639.85	6,581.89	57.97	114.545		
11,300.00	6,840.00	6,902.61	6,900.71	147.03	2.27	-91.38	-1,599.54	-230.92	6,726.27	6,667.97	58.30	115.373		
11,400.00	6,840.00	6,902.46	6,900.55	149.60	2.27	-91.37	-1,599.54	-230.92	6,813.06	6,754.44	58.62	116.216		
11,500.00	6,840.00	6,902.30	6,900.40	152.18	2.27	-91.37	-1,599.55	-230.92	6,900.21	6,841.27	58.94	117.071		
11,600.00	6,840.00	6,902.14	6,900.24	154.77	2.27	-91.37	-1,599.55	-230.92	6,987.70	6,928.45	59.25	117.939		
11,700.00	6,840.00	6,901.98	6,900.08	157.36	2.27	-91.36	-1,599.55	-230.92	7,075.52	7,015.97	59.55	118.819		
11,800.00	6,840.00	6,901.82	6,899.92	159.95	2.27	-91.36	-1,599.56	-230.92	7,163.66	7,103.82	59.84	119.710		
11,900.00	6,840.00	6,901.66	6,899.76	162.55	2.27	-91.36	-1,599.56	-230.92	7,252.11	7,191.98	60.13	120.613		
12,000.00	6,840.00	6,901.50	6,899.59	165.16	2.27	-91.36	-1,599.57	-230.92	7,340.86	7,280.45	60.41	121.525		
12,100.00	6,840.00	6,901.33	6,899.43	167.76	2.27	-91.35	-1,599.57	-230.92	7,429.89	7,369.21	60.68	122.447		
12,200.00	6,840.00	6,901.16	6,899.26	170.37	2.27	-91.35	-1,599.58	-230.92	7,519.20	7,458.25	60.94	123.379		
12,300.00	6,840.00	6,900.99	6,899.09	172.99	2.27	-91.35	-1,599.58	-230.92	7,608.77	7,547.57	61.20	124.319		
12,400.00	6,840.00	6,900.82	6,898.92	175.60	2.27	-91.34	-1,599.58	-230.92	7,698.60	7,637.14	61.46	125.268		
12,500.00	6,840.00	6,900.65	6,898.75	178.23	2.27	-91.34	-1,599.59	-230.92	7,788.68	7,726.97	61.70	126.225		
12,600.00	6,840.00	6,900.48	6,898.58	180.85	2.27	-91.34	-1,599.59	-230.92	7,878.99	7,817.05	61.95	127.190		
12,700.00	6,840.00	6,900.30	6,898.40	183.47	2.27	-91.34	-1,599.60	-230.92	7,969.54	7,907.36	62.18	128.162		
12,800.00	6,840.00	6,900.13	6,898.22	186.10	2.27	-91.33	-1,599.60	-230.92	8,060.31	7,997.90	62.42	129.141		
12,900.00	6,840.00	6,899.95	6,898.05	188.74	2.27	-91.33	-1,599.61	-230.92	8,151.30	8,088.66	62.64	130.126		
13,000.00	6,840.00	6,899.77	6,897.87	191.37	2.27	-91.33	-1,599.61	-230.92	8,242.50	8,179.64	62.86	131.118		
13,100.00	6,840.00	6,899.59	6,897.69	194.01	2.27	-91.32	-1,599.62	-230.92	8,333.90	8,270.82	63.08	132.116		
13,200.00	6,840.00	6,899.41	6,897.50	196.65	2.27	-91.32	-1,599.62	-230.92	8,425.49	8,362.20	63.29	133.119		
13,300.00	6,840.00	6,899.22	6,897.32	199.29	2.27	-91.32	-1,599.63	-230.92	8,517.28	8,453.78	63.50	134.128		
13,400.00	6,840.00	6,899.03	6,897.13	201.93	2.27	-91.31	-1,599.63	-230.92	8,609.24	8,545.54	63.70	135.143		
13,500.00	6,840.00	6,898.85	6,896.94	204.58	2.27	-91.31	-1,599.64	-230.92	8,701.39	8,637.48	63.90	136.162		
13,600.00	6,840.00	6,898.66	6,896.75	207.22	2.27	-91.31	-1,599.64	-230.92	8,793.70	8,729.60	64.10	137.185		
13,700.00	6,840.00	6,898.46	6,896.56	209.87	2.27	-91.30	-1,599.65	-230.92	8,886.18	8,821.89	64.29	138.214		
13,800.00	6,840.00	6,898.27	6,896.37	212.52	2.27	-91.30	-1,599.65	-230.92	8,978.83	8,914.34	64.48	139.246		
13,900.00	6,840.00	6,898.07	6,896.17	215.18	2.27	-91.30	-1,599.66	-230.92	9,071.62	9,006.96	64.67	140.283		
14,000.00	6,840.00	6,897.88	6,895.97	217.83	2.27	-91.29	-1,599.66	-230.92	9,164.57	9,099.73	64.85	141.323		
14,100.00	6,840.00	6,897.68	6,895.77	220.49	2.27	-91.29	-1,599.67	-230.92	9,257.67	9,192.65	65.03	142.367		
14,200.00	6,840.00	6,897.47	6,895.57	223.15	2.27	-91.29	-1,599.67	-230.92	9,350.91	9,285.71	65.20	143.415		
14,300.00	6,840.00	6,897.27	6,895.37	225.81	2.27	-91.28	-1,599.68	-230.92	9,444.29	9,378.92	65.37	144.465		
14,400.00	6,840.00	6,897.06	6,895.16	228.47	2.27	-91.28	-1,599.68	-230.92	9,537.80	9,472.26	65.54	145.519		
14,500.00	6,840.00	6,896.86	6,894.95	231.13	2.27	-91.28	-1,599.69	-230.92	9,631.45	9,565.74	65.71	146.576		
14,600.00	6,840.00	6,896.65	6,894.74	233.79	2.27	-91.27	-1,599.69	-230.92	9,725.21	9,659.34	65.87	147.635		
14,700.00	6,840.00	6,896.43	6,894.53	236.46	2.27	-91.27	-1,599.70	-230.92	9,819.11	9,753.07	66.03	148.698		
14,800.00	6,840.00	6,896.22	6,894.32	239.12	2.27	-91.27	-1,599.70	-230.92	9,913.12	9,846.93	66.19	149.762		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-135.52	-1,032.06	-1,013.39	1,446.83					
100.00	100.00	68.43	68.43	0.13	0.12	-135.52	-1,031.99	-1,013.34	1,446.33	1,446.07	0.26	5,622.095		
200.00	200.00	168.87	168.87	0.49	0.43	-135.52	-1,031.69	-1,013.22	1,446.03	1,445.11	0.92	1,575.068		
300.00	300.00	267.45	267.45	0.85	0.78	-135.51	-1,031.33	-1,013.27	1,445.81	1,444.19	1.63	888.044		
400.00	400.00	367.19	367.19	1.21	1.13	-135.49	-1,030.98	-1,013.42	1,445.66	1,443.32	2.34	617.216		
500.00	499.98	466.65	466.65	1.57	1.49	-86.29	-1,030.55	-1,013.65	1,445.41	1,442.35	3.05	473.428		
600.00	599.84	563.23	563.23	1.93	1.83	-86.48	-1,030.24	-1,013.93	1,445.05	1,441.30	3.75	385.234		
700.00	699.45	663.41	663.41	2.29	2.18	-86.82	-1,030.17	-1,014.23	1,444.70	1,440.23	4.47	323.235		
800.00	798.70	765.68	765.67	2.67	2.54	-87.31	-1,029.84	-1,014.51	1,444.02	1,438.81	5.21	276.942		
900.00	897.47	860.94	860.93	3.07	2.88	-87.90	-1,029.56	-1,014.69	1,443.28	1,437.32	5.95	242.384		
1,000.00	995.62	957.70	957.69	3.50	3.22	-88.63	-1,029.50	-1,015.09	1,442.92	1,436.20	6.73	214.539		
1,100.00	1,093.06	1,057.37	1,057.37	3.97	3.58	-89.51	-1,029.34	-1,015.45	1,442.67	1,435.13	7.54	191.275		
1,154.46	1,145.77	1,111.24	1,111.24	4.24	3.77	-90.04	-1,029.18	-1,015.64	1,442.62	1,434.62	8.01	180.173 CC		
1,200.00	1,189.64	1,155.69	1,155.68	4.47	3.93	-90.50	-1,029.01	-1,015.81	1,442.66	1,434.26	8.40	171.834		
1,300.00	1,285.27	1,251.04	1,251.03	5.01	4.27	-91.58	-1,028.57	-1,016.21	1,443.12	1,433.84	9.28	155.457 ES		
1,400.00	1,379.82	1,343.66	1,343.64	5.61	4.60	-92.72	-1,028.09	-1,016.82	1,444.43	1,434.22	10.21	141.483		
1,500.00	1,473.17	1,437.22	1,437.20	6.25	4.94	-93.96	-1,027.61	-1,017.65	1,446.79	1,435.60	11.19	129.287		
1,600.00	1,565.21	1,531.90	1,531.88	6.96	5.28	-95.31	-1,026.94	-1,018.50	1,450.17	1,437.94	12.23	118.567		
1,700.00	1,656.01	1,623.82	1,623.79	7.72	5.61	-96.74	-1,026.21	-1,019.36	1,454.86	1,441.55	13.31	109.304		
1,800.00	1,746.60	1,718.36	1,718.32	8.50	5.95	-98.26	-1,025.32	-1,020.16	1,460.58	1,446.16	14.42	101.293		
1,900.00	1,837.19	1,809.75	1,809.71	9.30	6.27	-99.73	-1,024.42	-1,020.79	1,467.33	1,451.81	15.52	94.526		
2,000.00	1,927.79	1,899.36	1,899.31	10.12	6.59	-101.16	-1,023.66	-1,021.27	1,475.25	1,458.63	16.62	88.756		
2,100.00	2,018.38	1,991.45	1,991.40	10.93	6.92	-102.61	-1,022.93	-1,021.70	1,484.30	1,466.57	17.73	83.732		
2,200.00	2,108.97	2,092.06	2,092.00	11.76	7.28	-104.19	-1,021.83	-1,021.99	1,494.14	1,475.28	18.86	79.233		
2,300.00	2,199.56	2,183.51	2,183.44	12.59	7.61	-105.60	-1,020.52	-1,022.09	1,504.70	1,484.76	19.95	75.438		
2,400.00	2,290.15	2,278.39	2,278.30	13.43	7.95	-107.05	-1,018.98	-1,022.41	1,516.25	1,495.21	21.04	72.063		
2,500.00	2,380.75	2,364.55	2,364.45	14.26	8.26	-108.32	-1,017.38	-1,023.04	1,528.75	1,506.66	22.09	69.195		
2,600.00	2,471.34	2,457.42	2,457.30	15.11	8.59	-109.67	-1,015.83	-1,024.11	1,542.52	1,519.36	23.16	66.599		
2,700.00	2,561.93	2,556.40	2,556.26	15.95	8.94	-111.10	-1,013.94	-1,024.64	1,556.83	1,532.59	24.24	64.229		
2,800.00	2,652.52	2,651.96	2,651.80	16.80	9.28	-112.48	-1,011.91	-1,024.52	1,571.71	1,546.42	25.29	62.153		
2,900.00	2,743.12	2,742.30	2,742.11	17.64	9.60	-113.75	-1,009.80	-1,024.61	1,587.40	1,561.09	26.30	60.347		
3,000.00	2,833.71	2,833.20	2,832.99	18.49	9.93	-114.99	-1,007.72	-1,025.19	1,604.12	1,576.81	27.31	58.734		
3,100.00	2,924.30	2,929.06	2,928.82	19.35	10.27	-116.29	-1,005.41	-1,025.21	1,621.47	1,593.15	28.32	57.250		
3,200.00	3,014.89	3,027.21	3,026.94	20.20	10.62	-117.58	-1,002.81	-1,025.59	1,639.52	1,610.19	29.33	55.899		
3,300.00	3,105.48	3,135.80	3,135.44	21.05	11.01	-118.98	-998.79	-1,025.91	1,657.35	1,626.98	30.37	54.580		
3,400.00	3,196.08	3,222.06	3,221.64	21.91	11.32	-120.07	-995.40	-1,026.03	1,675.75	1,644.45	31.30	53.539		
3,500.00	3,286.67	3,298.67	3,298.21	22.76	11.59	-121.02	-992.93	-1,026.09	1,695.53	1,663.35	32.18	52.690		
3,600.00	3,377.26	3,379.65	3,379.17	23.62	11.88	-122.03	-990.96	-1,025.88	1,716.71	1,683.66	33.06	51.931		
3,700.00	3,467.85	3,457.58	3,457.08	24.47	12.15	-122.99	-989.61	-1,025.31	1,739.22	1,705.31	33.90	51.301		
3,800.00	3,558.45	3,535.90	3,535.40	25.33	12.42	-123.94	-988.88	-1,024.60	1,763.13	1,728.40	34.73	50.770		
3,900.00	3,649.04	3,616.60	3,616.09	26.19	12.70	-124.90	-988.62	-1,023.89	1,788.28	1,752.73	35.54	50.311		
4,000.00	3,739.63	3,699.27	3,698.76	27.05	12.98	-125.86	-988.74	-1,023.21	1,814.51	1,778.16	36.35	49.916		
4,100.00	3,830.22	3,785.48	3,784.97	27.90	13.26	-126.84	-989.13	-1,022.66	1,841.66	1,804.51	37.16	49.562		
4,200.00	3,920.81	3,872.50	3,871.98	28.76	13.55	-127.79	-989.70	-1,022.26	1,869.59	1,831.63	37.96	49.252		
4,300.00	4,011.41	3,958.92	3,958.40	29.62	13.83	-128.72	-990.43	-1,021.93	1,898.25	1,859.50	38.75	48.989		
4,400.00	4,102.00	4,051.80	4,051.28	30.48	14.14	-129.67	-991.32	-1,021.91	1,927.55	1,887.98	39.56	48.721		
4,500.00	4,192.59	4,146.45	4,145.92	31.34	14.46	-130.61	-991.95	-1,022.20	1,957.06	1,916.68	40.38	48.463		
4,600.00	4,283.18	4,244.25	4,243.72	32.20	14.79	-131.54	-992.48	-1,022.66	1,986.94	1,945.72	41.22	48.207		
4,700.00	4,373.78	4,338.99	4,338.45	33.06	15.12	-132.40	-992.52	-1,024.05	2,016.72	1,974.68	42.04	47.972		
4,800.00	4,464.37	4,420.61	4,420.06	33.92	15.41	-133.11	-992.88	-1,025.47	2,047.25	2,004.46	42.79	47.845		
4,900.00	4,554.96	4,513.55	4,512.98	34.78	15.73	-133.90	-993.46	-1,026.99	2,078.34	2,034.75	43.59	47.677		
5,000.00	4,645.55	4,639.27	4,638.69	35.64	16.17	-134.94	-993.14	-1,028.87	2,109.03	2,064.46	44.56	47.325		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,755.00	4,754.38	36.51	16.59	-135.88	-990.85	-1,030.41	2,138.46	2,092.98	45.48	47.024		
5,200.00	4,826.74	4,855.90	4,855.25	37.37	16.95	-136.70	-988.20	-1,030.87	2,167.82	2,121.52	46.30	46.823		
5,300.00	4,917.33	4,950.65	4,949.95	38.23	17.28	-137.47	-985.18	-1,030.55	2,197.13	2,150.05	47.08	46.670		
5,400.00	5,007.92	5,037.72	5,036.96	39.09	17.59	-138.19	-982.34	-1,029.21	2,226.92	2,179.12	47.80	46.584		
5,500.00	5,098.51	5,127.12	5,126.30	39.95	17.90	-138.91	-979.52	-1,027.66	2,257.22	2,208.68	48.53	46.508		
5,600.00	5,189.11	5,217.12	5,216.24	40.81	18.22	-139.63	-976.58	-1,025.80	2,287.84	2,238.58	49.26	46.446 SF		
5,700.00	5,279.70	5,294.24	5,293.30	41.68	18.49	-140.23	-974.37	-1,024.24	2,319.16	2,269.24	49.91	46.463		
5,800.00	5,370.29	5,376.38	5,375.40	42.54	18.78	-140.86	-972.36	-1,022.28	2,351.25	2,300.66	50.59	46.480		
5,900.00	5,460.88	5,448.22	5,447.18	43.40	19.03	-141.42	-970.79	-1,019.88	2,384.12	2,332.93	51.19	46.572		
6,000.00	5,551.47	5,516.36	5,515.27	44.26	19.27	-141.94	-969.91	-1,017.39	2,418.16	2,366.39	51.77	46.711		
6,100.00	5,642.07	5,587.09	5,585.96	45.13	19.51	-142.46	-969.62	-1,014.96	2,453.24	2,400.89	52.35	46.861		
6,200.00	5,732.66	5,664.57	5,663.40	45.99	19.77	-143.00	-969.96	-1,012.76	2,489.21	2,436.24	52.97	46.994		
6,300.00	5,823.25	5,751.08	5,749.90	46.85	20.07	-143.57	-970.88	-1,011.14	2,525.76	2,472.12	53.64	47.086		
6,400.00	5,913.84	5,862.75	5,861.56	47.72	20.44	-144.25	-972.13	-1,010.44	2,562.33	2,507.86	54.47	47.043		
6,500.00	6,004.44	5,950.61	5,949.42	48.58	20.74	-144.76	-972.56	-1,010.45	2,598.37	2,543.21	55.16	47.109		
6,600.00	6,095.03	6,036.56	6,035.35	49.44	21.03	-145.24	-973.62	-1,010.72	2,635.14	2,579.30	55.84	47.194		
6,700.00	6,185.62	6,146.33	6,145.12	50.30	21.40	-145.85	-974.12	-1,010.65	2,671.52	2,614.87	56.65	47.155		
6,800.00	6,276.21	6,234.85	6,233.65	51.17	21.71	-146.32	-974.36	-1,010.90	2,707.86	2,650.51	57.35	47.217		
6,900.00	6,366.80	6,316.34	6,315.13	52.03	21.99	-146.74	-974.87	-1,011.23	2,744.63	2,686.63	58.00	47.320		
7,000.00	6,457.40	6,404.29	6,403.07	52.89	22.29	-147.18	-975.63	-1,011.68	2,781.73	2,723.04	58.69	47.395		
7,100.00	6,545.60	6,490.73	6,489.51	53.85	22.58	-134.04	-976.44	-1,012.10	2,820.48	2,761.07	59.41	47.473		
7,200.00	6,626.13	6,574.61	6,573.39	55.05	22.87	-123.51	-977.16	-1,012.39	2,862.60	2,802.38	60.21	47.540		
7,300.00	6,696.49	6,646.26	6,645.03	56.46	23.12	-115.39	-977.70	-1,012.62	2,907.39	2,846.35	61.04	47.634		
7,400.00	6,754.56	6,704.51	6,703.29	58.05	23.32	-108.48	-978.14	-1,012.84	2,954.26	2,892.41	61.86	47.761		
7,500.00	6,798.57	6,746.93	6,745.70	59.78	23.46	-102.18	-978.45	-1,012.95	3,002.51	2,939.88	62.63	47.938		
7,600.00	6,827.18	6,774.45	6,773.22	61.58	23.56	-96.31	-978.65	-1,012.99	3,051.27	2,987.92	63.35	48.166		
7,700.00	6,839.51	6,786.25	6,785.02	63.39	23.60	-90.84	-978.74	-1,012.99	3,099.48	3,035.51	63.97	48.454		
7,800.00	6,840.00	6,786.71	6,785.49	65.19	23.60	-89.59	-978.74	-1,012.99	3,147.33	3,082.83	64.50	48.792		
7,900.00	6,840.00	6,786.71	6,785.48	67.04	23.60	-89.59	-978.74	-1,012.99	3,197.47	3,132.42	65.04	49.158		
8,000.00	6,840.00	6,786.71	6,785.48	68.95	23.60	-89.59	-978.74	-1,012.99	3,249.91	3,184.32	65.58	49.553		
8,100.00	6,840.00	6,786.71	6,785.48	70.91	23.60	-89.59	-978.74	-1,012.99	3,304.54	3,238.42	66.12	49.976		
8,200.00	6,840.00	6,786.71	6,785.48	72.91	23.60	-89.59	-978.74	-1,012.99	3,361.27	3,294.61	66.65	50.429		
8,300.00	6,840.00	6,786.71	6,785.48	74.96	23.60	-89.59	-978.74	-1,012.99	3,419.97	3,352.80	67.18	50.911		
8,400.00	6,840.00	6,786.71	6,785.48	77.05	23.60	-89.59	-978.74	-1,012.99	3,480.56	3,412.88	67.69	51.421		
8,500.00	6,840.00	6,786.71	6,785.48	79.18	23.60	-89.59	-978.74	-1,012.99	3,542.94	3,474.75	68.19	51.959		
8,600.00	6,840.00	6,786.71	6,785.48	81.34	23.60	-89.59	-978.74	-1,012.99	3,607.01	3,538.34	68.67	52.523		
8,700.00	6,840.00	6,786.71	6,785.48	83.54	23.60	-89.59	-978.74	-1,012.99	3,672.69	3,603.54	69.15	53.114		
8,800.00	6,840.00	6,786.70	6,785.48	85.76	23.60	-89.59	-978.74	-1,012.99	3,739.89	3,670.28	69.61	53.729		
8,900.00	6,840.00	6,786.70	6,785.48	88.02	23.60	-89.59	-978.74	-1,012.99	3,808.53	3,738.47	70.05	54.368		
9,000.00	6,840.00	6,786.70	6,785.47	90.30	23.60	-89.59	-978.74	-1,012.99	3,878.53	3,808.05	70.48	55.030		
9,100.00	6,840.00	6,786.70	6,785.47	92.60	23.60	-89.59	-978.74	-1,012.99	3,949.82	3,878.93	70.89	55.714		
9,200.00	6,840.00	6,786.70	6,785.47	94.93	23.60	-89.59	-978.74	-1,012.99	4,022.34	3,951.04	71.29	56.419		
9,300.00	6,840.00	6,786.70	6,785.47	97.28	23.60	-89.59	-978.74	-1,012.99	4,096.01	4,024.33	71.68	57.144		
9,400.00	6,840.00	6,786.70	6,785.47	99.65	23.60	-89.59	-978.74	-1,012.99	4,170.78	4,098.73	72.05	57.888		
9,500.00	6,840.00	6,786.70	6,785.47	102.03	23.60	-89.59	-978.74	-1,012.99	4,246.59	4,174.18	72.41	58.650		
9,600.00	6,840.00	6,786.70	6,785.47	104.43	23.60	-89.59	-978.74	-1,012.99	4,323.38	4,250.63	72.75	59.429		
9,700.00	6,840.00	6,786.70	6,785.47	106.85	23.60	-89.59	-978.74	-1,012.99	4,401.10	4,328.02	73.08	60.224		
9,800.00	6,840.00	6,786.70	6,785.47	109.29	23.60	-89.59	-978.74	-1,012.99	4,479.71	4,406.32	73.40	61.034		
9,900.00	6,840.00	6,786.70	6,785.47	111.73	23.60	-89.59	-978.74	-1,012.99	4,559.16	4,485.46	73.70	61.859		
10,000.00	6,840.00	6,786.70	6,785.47	114.19	23.60	-89.59	-978.74	-1,012.99	4,639.40	4,565.40	74.00	62.697		
10,100.00	6,840.00	6,786.69	6,785.47	116.66	23.60	-89.59	-978.74	-1,012.99	4,720.40	4,646.12	74.28	63.549		
10,200.00	6,840.00	6,786.69	6,785.47	119.15	23.60	-89.59	-978.74	-1,012.99	4,802.11	4,727.56	74.55	64.413		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,786.69	6,785.46	121.64	23.60	-89.59	-978.74	-1,012.99	4,884.50	4,809.69	74.81	65.289		
10,400.00	6,840.00	6,786.69	6,785.46	124.14	23.60	-89.59	-978.74	-1,012.99	4,967.54	4,892.47	75.07	66.175		
10,500.00	6,840.00	6,786.69	6,785.46	126.65	23.60	-89.59	-978.74	-1,012.99	5,051.19	4,975.89	75.31	67.073		
10,600.00	6,840.00	6,786.69	6,785.46	129.18	23.60	-89.59	-978.74	-1,012.99	5,135.43	5,059.89	75.54	67.980		
10,700.00	6,840.00	6,786.69	6,785.46	131.70	23.60	-89.59	-978.74	-1,012.99	5,220.23	5,144.46	75.77	68.896		
10,800.00	6,840.00	6,786.69	6,785.46	134.24	23.60	-89.59	-978.74	-1,012.99	5,305.55	5,229.56	75.99	69.821		
10,900.00	6,840.00	6,786.69	6,785.46	136.79	23.60	-89.59	-978.74	-1,012.99	5,391.38	5,315.18	76.20	70.755		
11,000.00	6,840.00	6,786.69	6,785.46	139.34	23.60	-89.59	-978.74	-1,012.99	5,477.69	5,401.29	76.40	71.696		
11,100.00	6,840.00	6,786.69	6,785.46	141.90	23.60	-89.59	-978.74	-1,012.99	5,564.46	5,487.86	76.60	72.645		
11,200.00	6,840.00	6,786.69	6,785.46	144.46	23.60	-89.59	-978.74	-1,012.99	5,651.66	5,574.88	76.79	73.601		
11,300.00	6,840.00	6,786.69	6,785.46	147.03	23.60	-89.59	-978.74	-1,012.99	5,739.29	5,662.32	76.97	74.564		
11,400.00	6,840.00	6,786.69	6,785.46	149.60	23.60	-89.59	-978.74	-1,012.99	5,827.31	5,750.16	77.15	75.533		
11,500.00	6,840.00	6,786.68	6,785.46	152.18	23.60	-89.59	-978.74	-1,012.99	5,915.71	5,838.39	77.32	76.508		
11,600.00	6,840.00	6,786.68	6,785.46	154.77	23.60	-89.59	-978.74	-1,012.99	6,004.48	5,926.99	77.49	77.489		
11,700.00	6,840.00	6,786.68	6,785.45	157.36	23.60	-89.59	-978.74	-1,012.99	6,093.59	6,015.94	77.65	78.475		
11,800.00	6,840.00	6,786.68	6,785.45	159.95	23.60	-89.59	-978.74	-1,012.99	6,183.04	6,105.23	77.81	79.466		
11,900.00	6,840.00	6,786.68	6,785.45	162.55	23.60	-89.59	-978.74	-1,012.99	6,272.80	6,194.84	77.96	80.461		
12,000.00	6,840.00	6,786.68	6,785.45	165.16	23.60	-89.59	-978.74	-1,012.99	6,362.87	6,284.77	78.11	81.462		
12,100.00	6,840.00	6,786.68	6,785.45	167.76	23.60	-89.59	-978.74	-1,012.99	6,453.24	6,374.98	78.25	82.466		
12,200.00	6,840.00	6,786.68	6,785.45	170.37	23.60	-89.59	-978.74	-1,012.99	6,543.88	6,465.49	78.39	83.475		
12,300.00	6,840.00	6,786.68	6,785.45	172.99	23.60	-89.59	-978.74	-1,012.99	6,634.79	6,556.26	78.53	84.487		
12,400.00	6,840.00	6,786.68	6,785.45	175.60	23.60	-89.59	-978.74	-1,012.99	6,725.96	6,647.30	78.66	85.503		
12,500.00	6,840.00	6,786.68	6,785.45	178.23	23.60	-89.59	-978.74	-1,012.99	6,817.38	6,738.59	78.79	86.522		
12,600.00	6,840.00	6,786.68	6,785.45	180.85	23.60	-89.59	-978.74	-1,012.99	6,909.04	6,830.12	78.92	87.545		
12,700.00	6,840.00	6,786.68	6,785.45	183.47	23.60	-89.59	-978.74	-1,012.99	7,000.92	6,921.88	79.04	88.570		
12,800.00	6,840.00	6,786.68	6,785.45	186.10	23.60	-89.59	-978.74	-1,012.99	7,093.03	7,013.86	79.16	89.598		
12,900.00	6,840.00	6,786.68	6,785.45	188.74	23.60	-89.59	-978.74	-1,012.99	7,185.34	7,106.06	79.28	90.629		
13,000.00	6,840.00	6,786.67	6,785.45	191.37	23.60	-89.59	-978.74	-1,012.99	7,277.86	7,198.46	79.40	91.663		
13,100.00	6,840.00	6,786.67	6,785.45	194.01	23.60	-89.59	-978.74	-1,012.99	7,370.57	7,291.06	79.51	92.698		
13,200.00	6,840.00	6,786.67	6,785.44	196.65	23.60	-89.59	-978.74	-1,012.99	7,463.47	7,383.85	79.62	93.736		
13,300.00	6,840.00	6,786.67	6,785.44	199.29	23.60	-89.59	-978.74	-1,012.99	7,556.56	7,476.83	79.73	94.776		
13,400.00	6,840.00	6,786.67	6,785.44	201.93	23.60	-89.59	-978.74	-1,012.99	7,649.81	7,569.98	79.84	95.817		
13,500.00	6,840.00	6,786.67	6,785.44	204.58	23.60	-89.59	-978.74	-1,012.99	7,743.24	7,663.30	79.94	96.861		
13,600.00	6,840.00	6,786.67	6,785.44	207.22	23.60	-89.59	-978.74	-1,012.99	7,836.83	7,756.78	80.04	97.906		
13,700.00	6,840.00	6,786.67	6,785.44	209.87	23.60	-89.59	-978.74	-1,012.99	7,930.57	7,850.43	80.15	98.952		
13,800.00	6,840.00	6,786.67	6,785.44	212.52	23.60	-89.59	-978.74	-1,012.99	8,024.47	7,944.22	80.24	100.000		
13,900.00	6,840.00	6,786.67	6,785.44	215.18	23.60	-89.59	-978.74	-1,012.99	8,118.51	8,038.17	80.34	101.050		
14,000.00	6,840.00	6,786.67	6,785.44	217.83	23.60	-89.59	-978.74	-1,012.99	8,212.69	8,132.25	80.44	102.100		
14,100.00	6,840.00	6,786.67	6,785.44	220.49	23.60	-89.59	-978.74	-1,012.99	8,307.01	8,226.48	80.53	103.152		
14,200.00	6,840.00	6,786.67	6,785.44	223.15	23.60	-89.59	-978.74	-1,012.99	8,401.46	8,320.83	80.63	104.204		
14,300.00	6,840.00	6,786.67	6,785.44	225.81	23.60	-89.59	-978.74	-1,012.99	8,496.04	8,415.32	80.72	105.257		
14,400.00	6,840.00	6,786.67	6,785.44	228.47	23.60	-89.59	-978.74	-1,012.99	8,590.73	8,509.93	80.81	106.311		
14,500.00	6,840.00	6,786.67	6,785.44	231.13	23.60	-89.59	-978.74	-1,012.99	8,685.55	8,604.66	80.90	107.366		
14,600.00	6,840.00	6,786.67	6,785.44	233.79	23.60	-89.59	-978.74	-1,012.99	8,780.49	8,699.50	80.98	108.422		
14,700.00	6,840.00	6,786.66	6,785.44	236.46	23.60	-89.59	-978.74	-1,012.99	8,875.53	8,794.46	81.07	109.478		
14,800.00	6,840.00	6,786.66	6,785.44	239.12	23.60	-89.59	-978.74	-1,012.99	8,970.68	8,889.53	81.16	110.534		
14,900.00	6,840.00	6,786.66	6,785.44	241.79	23.60	-89.59	-978.74	-1,012.99	9,065.94	8,984.70	81.24	111.591		
15,000.00	6,840.00	6,786.66	6,785.43	244.46	23.60	-89.59	-978.74	-1,012.99	9,161.30	9,079.97	81.33	112.649		
15,100.00	6,840.00	6,786.66	6,785.43	247.13	23.60	-89.59	-978.74	-1,012.99	9,256.75	9,175.34	81.41	113.706		
15,200.00	6,840.00	6,786.66	6,785.43	249.80	23.60	-89.59	-978.74	-1,012.99	9,352.30	9,270.81	81.49	114.764		
15,300.00	6,840.00	6,786.66	6,785.43	252.47	23.60	-89.59	-978.74	-1,012.99	9,447.95	9,366.37	81.57	115.822		
15,400.00	6,840.00	6,786.66	6,785.43	255.15	23.60	-89.59	-978.74	-1,012.99	9,543.68	9,462.02	81.65	116.880		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,786.66	6,785.43	257.82	23.60	-89.59	-978.74	-1,012.99	9,639.50	9,557.76	81.73	117.938	
15,600.00	6,840.00	6,786.66	6,785.43	260.50	23.60	-89.59	-978.74	-1,012.99	9,735.40	9,653.59	81.81	118.995	
15,700.00	6,840.00	6,786.66	6,785.43	263.17	23.60	-89.59	-978.74	-1,012.99	9,831.38	9,749.49	81.89	120.053	
15,800.00	6,840.00	6,786.66	6,785.43	265.85	23.60	-89.59	-978.74	-1,012.99	9,927.45	9,845.48	81.97	121.111	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-153.52	-376.34	-187.49	421.09					
100.00	100.00	74.31	74.31	0.13	0.08	-153.51	-376.54	-187.63	420.70	420.49	0.21	1,964.712	CC, ES	
200.00	200.00	173.77	173.76	0.49	0.20	-153.49	-377.18	-188.11	421.50	420.80	0.70	604.761		
300.00	300.00	274.56	274.55	0.85	0.30	-153.47	-377.73	-188.55	422.18	421.03	1.15	366.772		
400.00	400.00	374.28	374.27	1.21	0.37	-153.47	-378.25	-188.81	422.76	421.18	1.58	267.328		
500.00	499.98	474.44	474.43	1.57	0.44	-104.40	-378.76	-189.23	423.84	421.84	2.00	211.762		
600.00	599.84	574.63	574.61	1.93	0.49	-105.02	-379.18	-189.65	425.73	423.31	2.42	176.139		
700.00	699.45	675.96	675.95	2.29	0.52	-106.10	-379.46	-189.92	428.44	425.63	2.81	152.471		
800.00	798.70	774.23	774.21	2.67	0.54	-107.57	-379.64	-189.85	432.14	428.93	3.21	134.588		
900.00	897.47	874.28	874.27	3.07	0.55	-109.42	-379.88	-190.05	437.45	433.83	3.62	120.764		
1,000.00	995.62	971.96	971.94	3.50	0.57	-111.55	-379.86	-190.14	444.26	440.20	4.06	109.555		
1,100.00	1,093.06	1,068.61	1,068.59	3.97	0.60	-113.93	-380.06	-190.35	453.42	448.88	4.54	99.953		
1,200.00	1,189.64	1,165.55	1,165.53	4.47	0.64	-116.55	-380.30	-190.60	465.09	460.05	5.05	92.186		
1,300.00	1,285.27	1,260.74	1,260.73	5.01	0.68	-119.27	-380.46	-190.93	479.50	473.94	5.57	86.139		
1,400.00	1,379.82	1,355.12	1,355.10	5.61	0.71	-122.11	-380.81	-191.00	497.21	491.10	6.11	81.392		
1,500.00	1,473.17	1,450.22	1,450.20	6.25	0.74	-125.00	-380.99	-191.27	518.20	511.53	6.66	77.775		
1,600.00	1,565.21	1,543.12	1,543.10	6.96	0.76	-127.80	-380.80	-191.75	542.45	535.25	7.21	75.258		
1,700.00	1,656.01	1,633.23	1,633.22	7.72	0.76	-130.71	-380.76	-191.79	570.41	562.67	7.74	73.655		
1,800.00	1,746.60	1,725.08	1,725.06	8.50	0.76	-133.67	-380.64	-191.74	600.24	591.97	8.27	72.567		
1,900.00	1,837.19	1,817.24	1,817.22	9.30	0.78	-136.34	-380.33	-192.08	631.25	622.47	8.78	71.861		
2,000.00	1,927.79	1,907.99	1,907.97	10.12	0.80	-138.73	-379.96	-192.49	663.39	654.10	9.29	71.423		
2,100.00	2,018.38	2,000.32	2,000.30	10.93	0.82	-140.99	-379.41	-192.57	696.46	686.69	9.77	71.261	SF	
2,200.00	2,108.97	2,089.44	2,089.41	11.76	0.83	-143.01	-378.78	-192.22	730.45	720.21	10.24	71.302		
2,300.00	2,199.56	2,180.07	2,180.05	12.59	0.85	-144.91	-378.23	-191.75	765.38	754.67	10.71	71.474		
2,400.00	2,290.15	2,269.79	2,269.76	13.43	0.86	-146.62	-377.74	-191.41	801.03	789.87	11.16	71.764		
2,500.00	2,380.75	2,357.70	2,357.67	14.26	0.87	-148.17	-377.39	-190.91	837.50	825.90	11.60	72.188		
2,600.00	2,471.34	2,447.08	2,447.04	15.11	0.89	-149.60	-377.38	-190.51	874.78	862.75	12.04	72.660		
2,700.00	2,561.93	2,537.74	2,537.70	15.95	0.90	-150.97	-377.23	-189.84	912.51	900.04	12.47	73.149		
2,800.00	2,652.52	2,629.17	2,629.13	16.80	0.92	-152.22	-377.21	-189.46	950.68	937.77	12.91	73.665		
2,900.00	2,743.12	2,723.22	2,723.18	17.64	0.92	-153.39	-377.00	-189.40	988.90	975.56	13.33	74.161		
3,000.00	2,833.71	2,812.57	2,812.53	18.49	0.94	-154.43	-376.65	-189.26	1,027.34	1,013.59	13.76	74.686		
3,100.00	2,924.30	2,896.74	2,896.70	19.35	0.95	-155.34	-376.64	-189.00	1,066.44	1,052.29	14.15	75.355		
3,200.00	3,014.89	2,997.03	2,996.99	20.20	0.95	-156.34	-376.63	-188.95	1,105.68	1,091.10	14.58	75.814		
3,300.00	3,105.48	3,088.27	3,088.22	21.05	0.96	-157.16	-376.42	-189.51	1,144.69	1,129.68	15.01	76.262		
3,400.00	3,196.08	3,182.55	3,182.50	21.91	0.99	-157.94	-376.23	-190.41	1,183.76	1,168.31	15.45	76.626		
3,500.00	3,286.67	3,276.23	3,276.18	22.76	1.01	-158.68	-375.72	-191.26	1,222.74	1,206.85	15.89	76.968		
3,600.00	3,377.26	3,368.28	3,368.21	23.62	1.03	-159.34	-375.24	-192.42	1,261.73	1,245.41	16.32	77.307		
3,700.00	3,467.85	3,461.07	3,461.00	24.47	1.06	-159.96	-374.74	-193.68	1,300.80	1,284.04	16.76	77.618		
3,800.00	3,558.45	3,553.13	3,553.05	25.33	1.08	-160.55	-374.03	-194.82	1,339.86	1,322.67	17.19	77.927		
3,900.00	3,649.04	3,639.63	3,639.54	26.19	1.10	-161.09	-373.26	-195.61	1,379.11	1,361.50	17.61	78.321		
4,000.00	3,739.63	3,725.12	3,725.03	27.05	1.12	-161.61	-372.74	-195.85	1,418.98	1,400.96	18.02	78.754		
4,100.00	3,830.22	3,822.06	3,821.97	27.90	1.15	-162.17	-371.98	-196.14	1,458.82	1,440.36	18.47	79.001		
4,200.00	3,920.81	3,916.47	3,916.37	28.76	1.17	-162.67	-371.25	-197.00	1,498.47	1,479.56	18.91	79.250		
4,300.00	4,011.41	4,007.74	4,007.63	29.62	1.19	-163.12	-370.53	-197.96	1,538.11	1,518.77	19.34	79.520		
4,400.00	4,102.00	4,084.77	4,084.66	30.48	1.21	-163.49	-370.12	-198.40	1,578.27	1,558.54	19.73	80.010		
4,500.00	4,192.59	4,187.93	4,187.82	31.34	1.24	-163.97	-369.56	-198.69	1,618.66	1,598.46	20.20	80.129		
4,600.00	4,283.18	4,294.24	4,294.11	32.20	1.27	-164.45	-368.08	-199.53	1,658.21	1,637.52	20.69	80.154		
4,700.00	4,373.78	4,407.51	4,407.34	33.06	1.30	-164.94	-365.19	-200.70	1,696.84	1,675.64	21.20	80.054		
4,800.00	4,464.37	4,495.42	4,495.20	33.92	1.33	-165.31	-362.47	-201.69	1,735.08	1,713.47	21.62	80.263		
4,900.00	4,554.96	4,593.58	4,593.30	34.78	1.35	-165.73	-359.15	-202.57	1,773.30	1,751.22	22.07	80.342		
5,000.00	4,645.55	4,669.74	4,669.41	35.64	1.37	-166.06	-356.22	-202.54	1,811.76	1,789.31	22.45	80.719		
5,100.00	4,736.14	4,745.61	4,745.23	36.51	1.39	-166.39	-353.68	-201.83	1,851.13	1,828.32	22.81	81.139		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,826.02	4,825.62	37.37	1.40	-166.70	-351.87	-201.26	1,891.25	1,868.05	23.20	81.514		
5,300.00	4,917.33	4,916.98	4,916.57	38.23	1.42	-167.01	-350.71	-201.39	1,931.66	1,908.03	23.63	81.735		
5,400.00	5,007.92	5,013.98	5,013.56	39.09	1.45	-167.30	-349.75	-202.33	1,971.87	1,947.77	24.10	81.837		
5,500.00	5,098.51	5,094.53	5,094.10	39.95	1.47	-167.53	-349.13	-203.10	2,012.28	1,987.79	24.50	82.144		
5,600.00	5,189.11	5,196.38	5,195.94	40.81	1.50	-167.81	-348.29	-203.93	2,052.77	2,027.79	24.98	82.178		
5,700.00	5,279.70	5,280.44	5,280.00	41.68	1.53	-168.02	-347.57	-204.78	2,093.15	2,067.75	25.39	82.424		
5,800.00	5,370.29	5,353.99	5,353.54	42.54	1.54	-168.20	-347.42	-205.50	2,134.05	2,108.29	25.76	82.833		
5,900.00	5,460.88	5,427.76	5,427.31	43.40	1.55	-168.37	-347.94	-205.96	2,175.81	2,149.68	26.13	83.272		
6,000.00	5,551.47	5,506.85	5,506.39	44.26	1.56	-168.53	-349.01	-206.39	2,218.09	2,191.58	26.51	83.661		
6,100.00	5,642.07	5,573.51	5,573.04	45.13	1.56	-168.66	-350.34	-206.43	2,261.13	2,234.28	26.85	84.223		
6,200.00	5,732.66	5,655.83	5,655.33	45.99	1.56	-168.83	-352.41	-205.91	2,304.92	2,277.68	27.24	84.622		
6,300.00	5,823.25	5,744.19	5,743.65	46.85	1.56	-169.00	-354.69	-205.44	2,348.73	2,321.08	27.65	84.937		
6,400.00	5,913.84	5,848.54	5,847.97	47.72	1.57	-169.19	-357.44	-204.93	2,392.61	2,364.48	28.13	85.059		
6,500.00	6,004.44	5,964.87	5,964.28	48.58	1.58	-169.39	-359.36	-205.28	2,435.28	2,406.62	28.65	84.990		
6,600.00	6,095.03	6,051.07	6,050.47	49.44	1.59	-169.52	-360.86	-206.17	2,477.66	2,448.59	29.07	85.231		
6,700.00	6,185.62	6,134.32	6,133.70	50.30	1.60	-169.64	-362.52	-206.76	2,520.40	2,490.92	29.47	85.510		
6,800.00	6,276.21	6,228.12	6,227.48	51.17	1.61	-169.78	-364.20	-207.15	2,563.19	2,533.27	29.92	85.674		
6,900.00	6,366.80	6,326.84	6,326.19	52.03	1.62	-169.93	-365.63	-207.58	2,605.74	2,575.36	30.38	85.772		
7,000.00	6,457.40	6,428.31	6,427.66	52.89	1.64	-170.08	-366.77	-208.08	2,648.05	2,617.20	30.85	85.827		
7,100.00	6,545.60	6,527.86	6,527.20	53.85	1.65	-156.60	-367.20	-208.81	2,693.27	2,661.93	31.34	85.933		
7,200.00	6,626.13	6,592.10	6,591.43	55.05	1.66	-144.78	-367.57	-209.12	2,747.11	2,715.37	31.74	86.557		
7,300.00	6,696.49	6,671.66	6,670.99	56.46	1.67	-134.64	-368.03	-209.27	2,808.19	2,775.97	32.22	87.157		
7,400.00	6,754.56	6,732.55	6,731.88	58.05	1.69	-124.63	-368.12	-209.38	2,874.75	2,842.09	32.65	88.046		
7,500.00	6,798.57	6,774.75	6,774.09	59.78	1.69	-114.11	-368.32	-209.58	2,945.46	2,912.44	33.02	89.207		
7,600.00	6,827.18	6,803.03	6,802.36	61.58	1.70	-103.21	-368.54	-209.78	3,018.58	2,985.25	33.33	90.564		
7,700.00	6,839.51	6,817.10	6,816.43	63.39	1.70	-92.49	-368.64	-209.88	3,092.23	3,058.65	33.58	92.085		
7,800.00	6,840.00	6,818.30	6,817.64	65.19	1.70	-90.02	-368.65	-209.88	3,165.55	3,131.77	33.78	93.709		
7,900.00	6,840.00	6,818.97	6,818.30	67.04	1.70	-90.04	-368.66	-209.89	3,240.20	3,206.20	34.00	95.309		
8,000.00	6,840.00	6,819.63	6,818.96	68.95	1.70	-90.05	-368.66	-209.89	3,316.18	3,281.96	34.23	96.892		
8,100.00	6,840.00	6,820.28	6,819.61	70.91	1.70	-90.07	-368.66	-209.90	3,393.41	3,358.95	34.46	98.463		
8,200.00	6,840.00	6,820.92	6,820.25	72.91	1.70	-90.09	-368.67	-209.90	3,471.81	3,437.10	34.71	100.026		
8,300.00	6,840.00	6,821.54	6,820.88	74.96	1.70	-90.10	-368.67	-209.90	3,551.29	3,516.33	34.96	101.585		
8,400.00	6,840.00	6,822.16	6,821.49	77.05	1.70	-90.12	-368.68	-209.91	3,631.78	3,596.57	35.21	103.142		
8,500.00	6,840.00	6,822.77	6,822.10	79.18	1.70	-90.14	-368.68	-209.91	3,713.22	3,677.76	35.47	104.701		
8,600.00	6,840.00	6,823.37	6,822.70	81.34	1.70	-90.15	-368.68	-209.92	3,795.55	3,759.83	35.72	106.261		
8,700.00	6,840.00	6,823.96	6,823.29	83.54	1.70	-90.17	-368.69	-209.92	3,878.71	3,842.74	35.97	107.826		
8,800.00	6,840.00	6,824.55	6,823.88	85.76	1.70	-90.18	-368.69	-209.92	3,962.65	3,926.42	36.22	109.397		
8,900.00	6,840.00	6,825.12	6,824.45	88.02	1.70	-90.20	-368.69	-209.93	4,047.31	4,010.84	36.47	110.973		
9,000.00	6,840.00	6,825.69	6,825.02	90.30	1.70	-90.22	-368.70	-209.93	4,132.67	4,095.95	36.72	112.557		
9,100.00	6,840.00	6,826.24	6,825.57	92.60	1.70	-90.23	-368.70	-209.93	4,218.66	4,181.71	36.96	114.148		
9,200.00	6,840.00	6,826.79	6,826.12	94.93	1.70	-90.25	-368.70	-209.94	4,305.27	4,268.07	37.20	115.747		
9,300.00	6,840.00	6,827.33	6,826.66	97.28	1.70	-90.26	-368.71	-209.94	4,392.44	4,355.01	37.43	117.353		
9,400.00	6,840.00	6,827.87	6,827.20	99.65	1.70	-90.27	-368.71	-209.94	4,480.14	4,442.48	37.66	118.967		
9,500.00	6,840.00	6,828.39	6,827.73	102.03	1.70	-90.29	-368.71	-209.94	4,568.35	4,530.47	37.88	120.589		
9,600.00	6,840.00	6,828.91	6,828.24	104.43	1.70	-90.30	-368.72	-209.95	4,657.04	4,618.94	38.10	122.219		
9,700.00	6,840.00	6,829.43	6,828.76	106.85	1.70	-90.32	-368.72	-209.95	4,746.18	4,707.86	38.32	123.856		
9,800.00	6,840.00	6,829.93	6,829.26	109.29	1.70	-90.33	-368.72	-209.95	4,835.74	4,797.21	38.53	125.501		
9,900.00	6,840.00	6,830.43	6,829.76	111.73	1.70	-90.34	-368.72	-209.96	4,925.70	4,886.97	38.74	127.152		
10,000.00	6,840.00	6,830.92	6,830.25	114.19	1.70	-90.36	-368.73	-209.96	5,016.05	4,977.11	38.94	128.810		
10,100.00	6,840.00	6,831.41	6,830.74	116.66	1.70	-90.37	-368.73	-209.96	5,106.75	5,067.61	39.14	130.474		
10,200.00	6,840.00	6,831.88	6,831.21	119.15	1.70	-90.38	-368.73	-209.96	5,197.80	5,158.46	39.33	132.145		
10,300.00	6,840.00	6,832.36	6,831.69	121.64	1.70	-90.39	-368.73	-209.97	5,289.17	5,249.64	39.52	133.821		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,832.82	6,832.15	124.14	1.70	-90.41	-368.74	-209.97	5,380.84	5,341.13	39.71	135.502		
10,500.00	6,840.00	6,833.28	6,832.61	126.65	1.70	-90.42	-368.74	-209.97	5,472.81	5,432.92	39.89	137.189		
10,600.00	6,840.00	6,833.73	6,833.06	129.18	1.70	-90.43	-368.74	-209.97	5,565.05	5,524.98	40.07	138.880		
10,700.00	6,840.00	6,834.18	6,833.51	131.70	1.70	-90.44	-368.74	-209.98	5,657.56	5,617.31	40.25	140.575		
10,800.00	6,840.00	6,834.62	6,833.95	134.24	1.70	-90.46	-368.74	-209.98	5,750.32	5,709.90	40.42	142.275		
10,900.00	6,840.00	6,835.06	6,834.39	136.79	1.70	-90.47	-368.75	-209.98	5,843.31	5,802.73	40.58	143.978		
11,000.00	6,840.00	6,835.49	6,834.82	139.34	1.70	-90.48	-368.75	-209.98	5,936.54	5,895.79	40.75	145.684		
11,100.00	6,840.00	6,835.92	6,835.25	141.90	1.70	-90.49	-368.75	-209.98	6,029.98	5,989.07	40.91	147.393		
11,200.00	6,840.00	6,836.34	6,835.67	144.46	1.70	-90.50	-368.75	-209.99	6,123.63	6,082.56	41.07	149.106		
11,300.00	6,840.00	6,836.75	6,836.08	147.03	1.70	-90.51	-368.75	-209.99	6,217.48	6,176.25	41.22	150.820		
11,400.00	6,840.00	6,837.16	6,836.49	149.60	1.70	-90.52	-368.76	-209.99	6,311.51	6,270.14	41.38	152.537		
11,500.00	6,840.00	6,837.57	6,836.90	152.18	1.70	-90.53	-368.76	-209.99	6,405.73	6,364.20	41.53	154.256		
11,600.00	6,840.00	6,837.97	6,837.30	154.77	1.70	-90.55	-368.76	-209.99	6,500.12	6,458.44	41.67	155.976		
11,700.00	6,840.00	6,838.36	6,837.69	157.36	1.70	-90.56	-368.76	-210.00	6,594.67	6,552.85	41.82	157.698		
11,800.00	6,840.00	6,838.75	6,838.08	159.95	1.70	-90.57	-368.76	-210.00	6,689.38	6,647.42	41.96	159.421		
11,900.00	6,840.00	6,839.14	6,838.47	162.55	1.70	-90.58	-368.76	-210.00	6,784.25	6,742.15	42.10	161.145		
12,000.00	6,840.00	6,839.52	6,838.85	165.16	1.70	-90.59	-368.77	-210.00	6,879.26	6,837.02	42.24	162.869		
12,100.00	6,840.00	6,839.89	6,839.22	167.76	1.70	-90.60	-368.77	-210.00	6,974.41	6,932.04	42.37	164.594		
12,200.00	6,840.00	6,840.27	6,839.60	170.37	1.70	-90.61	-368.77	-210.01	7,069.69	7,027.19	42.51	166.319		
12,300.00	6,840.00	6,840.63	6,839.96	172.99	1.70	-90.62	-368.77	-210.01	7,165.10	7,122.47	42.64	168.045		
12,400.00	6,840.00	6,841.00	6,840.33	175.60	1.70	-90.63	-368.77	-210.01	7,260.64	7,217.87	42.77	169.770		
12,500.00	6,840.00	6,841.36	6,840.69	178.23	1.70	-90.64	-368.77	-210.01	7,356.29	7,313.40	42.90	171.494		
12,600.00	6,840.00	6,841.71	6,841.04	180.85	1.70	-90.65	-368.78	-210.01	7,452.06	7,409.04	43.02	173.219		
12,700.00	6,840.00	6,842.06	6,841.39	183.47	1.70	-90.66	-368.78	-210.01	7,547.94	7,504.79	43.15	174.942		
12,800.00	6,840.00	6,842.41	6,841.74	186.10	1.70	-90.67	-368.78	-210.02	7,643.92	7,600.65	43.27	176.664		
12,900.00	6,840.00	6,842.75	6,842.08	188.74	1.70	-90.67	-368.78	-210.02	7,740.01	7,696.62	43.39	178.386		
13,000.00	6,840.00	6,843.09	6,842.42	191.37	1.70	-90.68	-368.78	-210.02	7,836.19	7,792.68	43.51	180.106		
13,100.00	6,840.00	6,843.43	6,842.76	194.01	1.70	-90.69	-368.78	-210.02	7,932.47	7,888.84	43.63	181.825		
13,200.00	6,840.00	6,843.76	6,843.09	196.65	1.70	-90.70	-368.78	-210.02	8,028.84	7,985.09	43.74	183.542		
13,300.00	6,840.00	6,844.08	6,843.42	199.29	1.70	-90.71	-368.78	-210.02	8,125.29	8,081.43	43.86	185.258		
13,400.00	6,840.00	6,844.41	6,843.74	201.93	1.70	-90.72	-368.79	-210.02	8,221.83	8,177.86	43.97	186.972		
13,500.00	6,840.00	6,844.73	6,844.06	204.58	1.70	-90.73	-368.79	-210.03	8,318.46	8,274.37	44.09	188.684		
13,600.00	6,840.00	6,845.05	6,844.38	207.22	1.70	-90.74	-368.79	-210.03	8,415.16	8,370.96	44.20	190.394		
13,700.00	6,840.00	6,845.36	6,844.69	209.87	1.70	-90.74	-368.79	-210.03	8,511.93	8,467.63	44.31	192.102		
13,800.00	6,840.00	6,845.67	6,845.00	212.52	1.70	-90.75	-368.79	-210.03	8,608.79	8,564.37	44.42	193.807		
13,900.00	6,840.00	6,845.98	6,845.31	215.18	1.70	-90.76	-368.79	-210.03	8,705.71	8,661.18	44.53	195.510		
14,000.00	6,840.00	6,846.28	6,845.61	217.83	1.70	-90.77	-368.79	-210.03	8,802.70	8,758.06	44.64	197.211		
14,100.00	6,840.00	6,846.58	6,845.91	220.49	1.70	-90.78	-368.79	-210.03	8,899.76	8,855.01	44.74	198.909		
14,200.00	6,840.00	6,846.88	6,846.21	223.15	1.70	-90.79	-368.79	-210.03	8,996.88	8,952.03	44.85	200.604		
14,300.00	6,840.00	6,847.17	6,846.51	225.81	1.70	-90.79	-368.80	-210.04	9,094.06	9,049.11	44.95	202.296		
14,400.00	6,840.00	6,847.47	6,846.80	228.47	1.70	-90.80	-368.80	-210.04	9,191.31	9,146.25	45.06	203.986		
14,500.00	6,840.00	6,847.75	6,847.08	231.13	1.70	-90.81	-368.80	-210.04	9,288.61	9,243.45	45.16	205.672		
14,600.00	6,840.00	6,848.04	6,847.37	233.79	1.70	-90.82	-368.80	-210.04	9,385.97	9,340.71	45.27	207.356		
14,700.00	6,840.00	6,848.32	6,847.65	236.46	1.70	-90.82	-368.80	-210.04	9,483.39	9,438.02	45.37	209.036		
14,800.00	6,840.00	6,848.60	6,847.93	239.12	1.70	-90.83	-368.80	-210.04	9,580.86	9,535.39	45.47	210.713		
14,900.00	6,840.00	6,848.88	6,848.21	241.79	1.70	-90.84	-368.80	-210.04	9,678.38	9,632.81	45.57	212.386		
15,000.00	6,840.00	6,849.15	6,848.48	244.46	1.70	-90.85	-368.80	-210.04	9,775.95	9,730.28	45.67	214.056		
15,100.00	6,840.00	6,849.42	6,848.75	247.13	1.70	-90.85	-368.80	-210.05	9,873.57	9,827.80	45.77	215.723		
15,200.00	6,840.00	6,849.69	6,849.02	249.80	1.70	-90.86	-368.80	-210.05	9,971.23	9,925.36	45.87	217.386		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-15.54	935.16	-260.02	971.31					
100.00	100.00	64.64	64.64	0.13	0.07	-15.53	935.18	-259.87	970.62	970.42	0.20	4,799.383		
165.26	165.26	129.26	129.26	0.37	0.11	-15.51	935.24	-259.48	970.57	970.09	0.48	2,021.080		
200.00	200.00	162.88	162.87	0.49	0.12	-15.50	935.29	-259.39	970.59	969.98	0.61	1,583.625		
300.00	300.00	262.59	262.59	0.85	0.20	-15.51	935.43	-259.58	970.78	969.73	1.05	923.906		
400.00	400.00	361.91	361.91	1.21	0.29	-15.52	935.50	-259.85	970.92	969.42	1.50	647.825		
500.00	499.98	461.32	461.32	1.57	0.35	33.80	935.71	-260.11	969.74	967.83	1.91	507.242		
600.00	599.84	563.91	563.91	1.93	0.37	34.02	935.90	-260.12	965.58	963.29	2.29	421.371		
700.00	699.45	662.99	662.99	2.29	0.40	34.38	935.77	-260.36	958.30	955.61	2.69	356.815		
800.00	798.70	760.90	760.90	2.67	0.45	34.88	935.83	-260.71	948.40	945.30	3.10	305.709		
900.00	897.47	860.55	860.55	3.07	0.49	35.57	935.94	-260.97	935.73	932.21	3.52	265.549		
1,000.00	995.62	957.38	957.37	3.50	0.54	36.39	935.89	-261.57	920.30	916.35	3.95	232.721		
1,100.00	1,093.06	1,054.65	1,054.64	3.97	0.58	37.42	936.09	-262.15	902.48	898.07	4.40	204.935		
1,200.00	1,189.64	1,151.69	1,151.68	4.47	0.63	38.65	936.15	-262.78	882.02	877.15	4.87	181.002		
1,300.00	1,285.27	1,246.06	1,246.05	5.01	0.67	40.09	936.31	-263.44	859.31	853.94	5.37	160.120		
1,400.00	1,379.82	1,341.15	1,341.13	5.61	0.71	41.80	936.60	-264.03	834.54	828.65	5.89	141.641		
1,500.00	1,473.17	1,436.73	1,436.71	6.25	0.75	43.83	936.66	-264.67	807.59	801.14	6.46	125.084		
1,600.00	1,565.21	1,529.05	1,529.03	6.96	0.79	46.14	936.63	-265.10	778.85	771.78	7.07	110.128		
1,700.00	1,656.01	1,619.10	1,619.08	7.72	0.83	48.54	936.67	-265.39	749.10	741.35	7.75	96.665		
1,800.00	1,746.60	1,709.29	1,709.27	8.50	0.86	50.87	936.80	-265.91	720.33	711.85	8.47	84.996		
1,900.00	1,837.19	1,800.26	1,800.24	9.30	0.90	53.39	936.94	-266.46	692.90	683.66	9.25	74.925		
2,000.00	1,927.79	1,887.21	1,887.18	10.12	0.94	55.96	937.34	-267.13	667.24	657.17	10.07	66.255		
2,100.00	2,018.38	1,975.82	1,975.79	10.93	0.97	58.70	938.23	-268.22	643.68	632.74	10.94	58.849		
2,200.00	2,108.97	2,061.54	2,061.49	11.76	1.00	61.50	939.58	-269.37	622.41	610.57	11.85	52.535		
2,300.00	2,199.56	2,150.08	2,150.00	12.59	1.03	64.56	941.74	-270.21	603.97	591.17	12.79	47.210		
2,400.00	2,290.15	2,241.07	2,240.95	13.43	1.06	67.88	944.04	-270.97	587.81	574.05	13.77	42.697		
2,500.00	2,380.75	2,331.85	2,331.69	14.26	1.09	71.31	946.57	-271.93	574.19	559.43	14.76	38.908		
2,600.00	2,471.34	2,424.41	2,424.21	15.11	1.12	74.97	949.05	-272.62	563.12	547.36	15.75	35.742		
2,700.00	2,561.93	2,519.58	2,519.36	15.95	1.15	78.87	951.02	-273.24	554.29	537.55	16.74	33.103		
2,800.00	2,652.52	2,613.00	2,612.77	16.80	1.18	82.84	952.34	-273.76	547.90	530.19	17.71	30.933		
2,900.00	2,743.12	2,705.93	2,705.69	17.64	1.22	86.87	953.18	-274.19	544.23	525.59	18.64	29.195		
2,964.95	2,801.96	2,763.85	2,763.61	18.20	1.23	89.42	953.60	-274.38	543.51	524.29	19.22	28.285 CC		
3,000.00	2,833.71	2,795.18	2,794.95	18.49	1.24	90.80	953.84	-274.43	543.72	524.20	19.51	27.864 ES		
3,100.00	2,924.30	2,887.67	2,887.43	19.35	1.27	94.86	954.45	-274.60	546.41	526.09	20.32	26.893		
3,200.00	3,014.89	2,977.42	2,977.18	20.20	1.30	98.74	955.05	-274.88	552.17	531.12	21.05	26.235		
3,300.00	3,105.48	3,069.32	3,069.08	21.05	1.33	102.62	955.85	-275.22	561.06	539.36	21.70	25.855		
3,400.00	3,196.08	3,160.40	3,160.15	21.91	1.37	106.34	956.51	-275.67	572.67	550.39	22.28	25.707 SF		
3,500.00	3,286.67	3,251.03	3,250.78	22.76	1.40	109.90	957.36	-276.15	587.05	564.27	22.78	25.767		
3,600.00	3,377.26	3,342.86	3,342.60	23.62	1.43	113.32	958.37	-276.72	603.93	580.70	23.23	25.997		
3,700.00	3,467.85	3,434.48	3,434.21	24.47	1.46	116.58	959.17	-277.40	622.91	599.29	23.62	26.369		
3,800.00	3,558.45	3,524.43	3,524.15	25.33	1.49	119.60	960.07	-278.00	644.08	620.12	23.97	26.874		
3,900.00	3,649.04	3,614.68	3,614.40	26.19	1.52	122.48	960.80	-278.43	667.27	643.00	24.27	27.491		
4,000.00	3,739.63	3,704.82	3,704.54	27.05	1.55	125.20	961.22	-278.68	692.30	667.75	24.55	28.205		
4,100.00	3,830.22	3,797.71	3,797.43	27.90	1.58	127.83	961.56	-279.01	718.80	693.99	24.81	28.766		
4,200.00	3,920.81	3,886.72	3,886.44	28.76	1.62	130.19	961.90	-279.36	746.69	721.64	25.04	29.815		
4,300.00	4,011.41	3,977.86	3,977.58	29.62	1.65	132.44	962.19	-279.59	775.95	750.67	25.28	30.695		
4,400.00	4,102.00	4,070.14	4,069.86	30.48	1.68	134.58	962.44	-279.95	806.21	780.70	25.52	31.594		
4,500.00	4,192.59	4,161.84	4,161.55	31.34	1.71	136.55	962.78	-280.46	837.33	811.57	25.76	32.509		
4,600.00	4,283.18	4,254.75	4,254.46	32.20	1.74	138.41	963.16	-281.08	869.23	843.23	26.00	33.427		
4,700.00	4,373.78	4,346.70	4,346.41	33.06	1.77	140.12	963.65	-281.94	901.68	875.43	26.25	34.345		
4,800.00	4,464.37	4,438.29	4,437.99	33.92	1.80	141.70	964.19	-282.76	934.87	908.36	26.51	35.267		
4,900.00	4,554.96	4,531.17	4,530.86	34.78	1.84	143.22	964.61	-283.82	968.48	941.71	26.77	36.174		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,645.55	4,621.30	4,620.98	35.64	1.87	144.58	965.11	-284.84	1,002.66	975.63	27.03	37.089		
5,100.00	4,736.14	4,711.00	4,710.68	36.51	1.90	145.85	965.77	-285.72	1,037.46	1,010.16	27.30	37.999		
5,200.00	4,826.74	4,800.34	4,800.01	37.37	1.93	147.04	966.33	-286.47	1,072.86	1,045.28	27.57	38.907		
5,300.00	4,917.33	4,889.25	4,888.92	38.23	1.96	148.15	966.90	-287.07	1,108.83	1,080.98	27.85	39.813		
5,400.00	5,007.92	4,979.58	4,979.25	39.09	1.99	149.21	967.52	-287.54	1,145.29	1,117.15	28.14	40.696		
5,500.00	5,098.51	5,068.10	5,067.77	39.95	2.01	150.19	968.02	-287.94	1,182.18	1,153.76	28.43	41.584		
5,600.00	5,189.11	5,154.11	5,153.77	40.81	2.04	151.08	968.69	-288.02	1,219.65	1,190.95	28.71	42.488		
5,700.00	5,279.70	5,241.32	5,240.98	41.68	2.05	151.93	969.31	-287.73	1,257.78	1,228.79	28.99	43.389		
5,800.00	5,370.29	5,329.47	5,329.13	42.54	2.06	152.74	969.81	-287.36	1,296.27	1,267.00	29.28	44.278		
5,900.00	5,460.88	5,415.02	5,414.67	43.40	2.07	153.49	970.34	-286.65	1,335.34	1,305.78	29.56	45.179		
6,000.00	5,551.47	5,507.13	5,506.77	44.26	2.08	154.22	971.37	-285.67	1,374.68	1,344.80	29.88	46.004		
6,100.00	5,642.07	5,587.19	5,586.80	45.13	2.09	154.79	972.94	-284.30	1,414.52	1,384.36	30.16	46.893		
6,200.00	5,732.66	5,662.80	5,662.35	45.99	2.10	155.27	974.92	-282.20	1,455.25	1,424.81	30.44	47.813		
6,300.00	5,823.25	5,746.44	5,745.91	46.85	2.11	155.77	977.00	-279.09	1,496.92	1,466.16	30.75	48.674		
6,400.00	5,913.84	5,845.86	5,845.27	47.72	2.11	156.38	978.37	-275.94	1,538.58	1,507.43	31.14	49.402		
6,500.00	6,004.44	5,954.80	5,954.19	48.58	2.12	157.06	979.23	-273.89	1,579.44	1,547.86	31.58	50.021		
6,600.00	6,095.03	6,059.73	6,059.11	49.44	2.13	157.69	979.93	-273.20	1,619.41	1,587.42	31.99	50.619		
6,700.00	6,185.62	6,157.07	6,156.45	50.30	2.16	158.27	980.31	-273.33	1,658.93	1,626.54	32.38	51.226		
6,800.00	6,276.21	6,249.85	6,249.24	51.17	2.18	158.80	980.47	-273.76	1,698.35	1,665.59	32.76	51.841		
6,900.00	6,366.80	6,345.62	6,345.00	52.03	2.20	159.35	980.21	-274.48	1,737.81	1,704.66	33.15	52.421		
7,000.00	6,457.40	6,441.93	6,441.30	52.89	2.22	159.88	979.93	-275.68	1,776.97	1,743.42	33.55	52.971		
7,100.00	6,545.60	6,530.58	6,529.95	53.85	2.24	172.17	979.88	-276.77	1,821.72	1,787.78	33.94	53.672		
7,200.00	6,626.13	6,612.76	6,612.12	55.05	2.26	-177.69	979.97	-277.75	1,879.83	1,845.47	34.36	54.705		
7,300.00	6,696.49	6,684.24	6,683.60	56.46	2.28	-168.75	979.99	-278.65	1,949.62	1,914.87	34.76	56.095		
7,400.00	6,754.56	6,736.73	6,736.08	58.05	2.29	-158.74	979.93	-279.29	2,029.13	1,994.07	35.06	57.880		
7,500.00	6,798.57	6,774.42	6,773.77	59.78	2.30	-145.03	979.89	-279.58	2,116.16	2,080.88	35.28	59.985		
7,600.00	6,827.18	6,798.74	6,798.09	61.58	2.30	-124.36	979.87	-279.70	2,208.12	2,172.70	35.42	62.340		
7,700.00	6,839.51	6,810.89	6,810.24	63.39	2.31	-97.12	979.86	-279.74	2,302.29	2,266.79	35.50	64.861		
7,800.00	6,840.00	6,811.70	6,811.05	65.19	2.31	-90.52	979.86	-279.75	2,396.61	2,361.09	35.52	67.473		
7,900.00	6,840.00	6,812.04	6,811.38	67.04	2.31	-90.54	979.86	-279.75	2,491.34	2,455.80	35.55	70.088		
8,000.00	6,840.00	6,812.37	6,811.72	68.95	2.31	-90.57	979.86	-279.75	2,586.47	2,550.90	35.58	72.704		
8,100.00	6,840.00	6,812.71	6,812.05	70.91	2.31	-90.59	979.86	-279.75	2,681.95	2,646.35	35.61	75.321		
8,200.00	6,840.00	6,813.04	6,812.39	72.91	2.31	-90.61	979.86	-279.75	2,777.75	2,742.11	35.64	77.937		
8,300.00	6,840.00	6,813.38	6,812.72	74.96	2.31	-90.64	979.86	-279.75	2,873.84	2,838.16	35.68	80.553		
8,400.00	6,840.00	6,813.71	6,813.06	77.05	2.31	-90.66	979.86	-279.75	2,970.18	2,934.47	35.71	83.167		
8,500.00	6,840.00	6,814.04	6,813.39	79.18	2.31	-90.69	979.86	-279.76	3,066.76	3,031.01	35.75	85.779		
8,600.00	6,840.00	6,814.38	6,813.72	81.34	2.31	-90.71	979.86	-279.76	3,163.55	3,127.76	35.79	88.389		
8,700.00	6,840.00	6,814.71	6,814.06	83.54	2.31	-90.74	979.86	-279.76	3,260.54	3,224.71	35.83	90.997		
8,800.00	6,840.00	6,815.04	6,814.39	85.76	2.31	-90.76	979.86	-279.76	3,357.70	3,321.83	35.87	93.602		
8,900.00	6,840.00	6,815.37	6,814.72	88.02	2.31	-90.78	979.85	-279.76	3,455.02	3,419.11	35.91	96.204		
9,000.00	6,840.00	6,815.71	6,815.05	90.30	2.31	-90.81	979.85	-279.76	3,552.50	3,516.54	35.96	98.802		
9,100.00	6,840.00	6,816.04	6,815.39	92.60	2.31	-90.83	979.85	-279.76	3,650.10	3,614.11	36.00	101.396		
9,200.00	6,840.00	6,816.37	6,815.72	94.93	2.31	-90.86	979.85	-279.76	3,747.84	3,711.80	36.04	103.987		
9,300.00	6,840.00	6,816.70	6,816.05	97.28	2.31	-90.88	979.85	-279.76	3,845.69	3,809.61	36.09	106.573		
9,400.00	6,840.00	6,817.03	6,816.38	99.65	2.31	-90.91	979.85	-279.77	3,943.65	3,907.52	36.13	109.154		
9,500.00	6,840.00	6,817.36	6,816.71	102.03	2.31	-90.93	979.85	-279.77	4,041.71	4,005.53	36.17	111.731		
9,600.00	6,840.00	6,817.69	6,817.04	104.43	2.31	-90.95	979.85	-279.77	4,139.86	4,103.64	36.22	114.303		
9,700.00	6,840.00	6,818.02	6,817.37	106.85	2.31	-90.98	979.85	-279.77	4,238.10	4,201.84	36.26	116.870		
9,800.00	6,840.00	6,818.35	6,817.70	109.29	2.31	-91.00	979.85	-279.77	4,336.42	4,300.11	36.31	119.431		
9,900.00	6,840.00	6,818.68	6,818.03	111.73	2.31	-91.03	979.85	-279.77	4,434.81	4,398.46	36.35	121.987		
10,000.00	6,840.00	6,819.01	6,818.35	114.19	2.31	-91.05	979.85	-279.77	4,533.28	4,496.87	36.40	124.537		
10,100.00	6,840.00	6,819.33	6,818.68	116.66	2.31	-91.07	979.85	-279.77	4,631.81	4,595.36	36.45	127.082		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,819.66	6,819.01	119.15	2.31	-91.10	979.85	-279.77	4,730.40	4,693.90	36.49	129.620		
10,300.00	6,840.00	6,819.99	6,819.34	121.64	2.31	-91.12	979.85	-279.78	4,829.05	4,792.50	36.54	132.152		
10,400.00	6,840.00	6,820.32	6,819.66	124.14	2.31	-91.15	979.85	-279.78	4,927.75	4,891.16	36.59	134.678		
10,500.00	6,840.00	6,820.64	6,819.99	126.65	2.31	-91.17	979.85	-279.78	5,026.51	4,989.87	36.64	137.197		
10,600.00	6,840.00	6,820.97	6,820.32	129.18	2.31	-91.19	979.85	-279.78	5,125.31	5,088.62	36.69	139.709		
10,700.00	6,840.00	6,821.29	6,820.64	131.70	2.31	-91.22	979.85	-279.78	5,224.16	5,187.42	36.73	142.215		
10,800.00	6,840.00	6,821.62	6,820.97	134.24	2.31	-91.24	979.85	-279.78	5,323.05	5,286.27	36.78	144.714		
10,900.00	6,840.00	6,821.95	6,821.29	136.79	2.31	-91.27	979.85	-279.78	5,421.98	5,385.15	36.83	147.206		
11,000.00	6,840.00	6,822.27	6,821.62	139.34	2.31	-91.29	979.85	-279.78	5,520.95	5,484.07	36.88	149.690		
11,100.00	6,840.00	6,822.60	6,821.94	141.90	2.31	-91.31	979.85	-279.78	5,619.96	5,583.03	36.93	152.168		
11,200.00	6,840.00	6,822.92	6,822.27	144.46	2.31	-91.34	979.85	-279.79	5,719.00	5,682.02	36.98	154.638		
11,300.00	6,840.00	6,823.24	6,822.59	147.03	2.31	-91.36	979.85	-279.79	5,818.08	5,781.04	37.03	157.100		
11,400.00	6,840.00	6,823.57	6,822.91	149.60	2.31	-91.38	979.85	-279.79	5,917.18	5,880.10	37.09	159.555		
11,500.00	6,840.00	6,823.89	6,823.24	152.18	2.31	-91.41	979.85	-279.79	6,016.32	5,979.18	37.14	162.002		
11,600.00	6,840.00	6,824.21	6,823.56	154.77	2.31	-91.43	979.84	-279.79	6,115.48	6,078.29	37.19	164.442		
11,700.00	6,840.00	6,824.54	6,823.88	157.36	2.31	-91.46	979.84	-279.79	6,214.67	6,177.43	37.24	166.873		
11,800.00	6,840.00	6,824.86	6,824.21	159.95	2.31	-91.48	979.84	-279.79	6,313.89	6,276.59	37.29	169.297		
11,900.00	6,840.00	6,825.18	6,824.53	162.55	2.31	-91.50	979.84	-279.79	6,413.13	6,375.78	37.35	171.712		
12,000.00	6,840.00	6,825.50	6,824.85	165.16	2.31	-91.53	979.84	-279.79	6,512.39	6,474.99	37.40	174.119		
12,100.00	6,840.00	6,825.82	6,825.17	167.76	2.31	-91.55	979.84	-279.80	6,611.68	6,574.22	37.46	176.518		
12,200.00	6,840.00	6,826.14	6,825.49	170.37	2.31	-91.57	979.84	-279.80	6,710.98	6,673.47	37.51	178.908		
12,300.00	6,840.00	6,826.46	6,825.81	172.99	2.31	-91.60	979.84	-279.80	6,810.31	6,772.75	37.57	181.291		
12,400.00	6,840.00	6,826.78	6,826.13	175.60	2.31	-91.62	979.84	-279.80	6,909.66	6,872.04	37.62	183.664		
12,500.00	6,840.00	6,827.10	6,826.45	178.23	2.31	-91.64	979.84	-279.80	7,009.02	6,971.35	37.68	186.029		
12,600.00	6,840.00	6,827.42	6,826.77	180.85	2.31	-91.67	979.84	-279.80	7,108.41	7,070.67	37.73	188.385		
12,700.00	6,840.00	6,827.74	6,827.09	183.47	2.31	-91.69	979.84	-279.80	7,207.80	7,170.01	37.79	190.733		
12,800.00	6,840.00	6,828.06	6,827.41	186.10	2.31	-91.71	979.84	-279.80	7,307.22	7,269.37	37.85	193.071		
12,900.00	6,840.00	6,828.38	6,827.73	188.74	2.31	-91.74	979.84	-279.80	7,406.65	7,368.75	37.90	195.401		
13,000.00	6,840.00	6,828.70	6,828.05	191.37	2.31	-91.76	979.84	-279.81	7,506.10	7,468.14	37.96	197.722		
13,100.00	6,840.00	6,829.02	6,828.36	194.01	2.31	-91.78	979.84	-279.81	7,605.56	7,567.54	38.02	200.034		
13,200.00	6,840.00	6,829.33	6,828.68	196.65	2.31	-91.81	979.84	-279.81	7,705.04	7,666.96	38.08	202.337		
13,300.00	6,840.00	6,829.65	6,829.00	199.29	2.31	-91.83	979.84	-279.81	7,804.53	7,766.39	38.14	204.630		
13,400.00	6,840.00	6,829.97	6,829.32	201.93	2.31	-91.85	979.84	-279.81	7,904.03	7,865.83	38.20	206.915		
13,500.00	6,840.00	6,830.28	6,829.63	204.58	2.31	-91.88	979.84	-279.81	8,003.54	7,965.28	38.26	209.190		
13,600.00	6,840.00	6,830.60	6,829.95	207.22	2.31	-91.90	979.84	-279.81	8,103.07	8,064.75	38.32	211.456		
13,700.00	6,840.00	6,830.92	6,830.26	209.87	2.31	-91.92	979.84	-279.81	8,202.61	8,164.22	38.38	213.713		
13,800.00	6,840.00	6,831.23	6,830.58	212.52	2.31	-91.95	979.84	-279.81	8,302.15	8,263.71	38.44	215.960		
13,900.00	6,840.00	6,831.55	6,830.90	215.18	2.31	-91.97	979.84	-279.81	8,401.71	8,363.21	38.51	218.198		
14,000.00	6,840.00	6,831.86	6,831.21	217.83	2.31	-91.99	979.84	-279.82	8,501.28	8,462.72	38.57	220.426		
14,100.00	6,840.00	6,832.18	6,831.53	220.49	2.31	-92.01	979.83	-279.82	8,600.86	8,562.23	38.63	222.645		
14,200.00	6,840.00	6,832.49	6,831.84	223.15	2.31	-92.04	979.83	-279.82	8,700.45	8,661.76	38.69	224.854		
14,300.00	6,840.00	6,832.81	6,832.15	225.81	2.31	-92.06	979.83	-279.82	8,800.05	8,761.29	38.76	227.054		
14,400.00	6,840.00	6,833.12	6,832.47	228.47	2.31	-92.08	979.83	-279.82	8,899.66	8,860.84	38.82	229.244		
14,500.00	6,840.00	6,833.43	6,832.78	231.13	2.31	-92.11	979.83	-279.82	8,999.27	8,960.39	38.89	231.425		
14,600.00	6,840.00	6,833.75	6,833.09	233.79	2.31	-92.13	979.83	-279.82	9,098.90	9,059.95	38.95	233.595		
14,700.00	6,840.00	6,834.06	6,833.41	236.46	2.31	-92.15	979.83	-279.82	9,198.53	9,159.52	39.02	235.756		
14,800.00	6,840.00	6,834.37	6,833.72	239.12	2.31	-92.17	979.83	-279.82	9,298.17	9,259.09	39.08	237.908		
14,900.00	6,840.00	6,834.68	6,834.03	241.79	2.31	-92.20	979.83	-279.83	9,397.82	9,358.67	39.15	240.049		
15,000.00	6,840.00	6,834.99	6,834.34	244.46	2.31	-92.22	979.83	-279.83	9,497.48	9,458.26	39.22	242.181		
15,100.00	6,840.00	6,835.31	6,834.65	247.13	2.31	-92.24	979.83	-279.83	9,597.14	9,557.86	39.28	244.303		
15,200.00	6,840.00	6,835.62	6,834.96	249.80	2.31	-92.27	979.83	-279.83	9,696.81	9,657.46	39.35	246.415		
15,300.00	6,840.00	6,835.93	6,835.28	252.47	2.31	-92.29	979.83	-279.83	9,796.49	9,757.07	39.42	248.517		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,836.24	6,835.59	255.15	2.31	-92.31	979.83	-279.83	9,896.17	9,856.68	39.49	250.609	
15,500.00	6,840.00	6,836.55	6,835.90	257.82	2.31	-92.33	979.83	-279.83	9,995.86	9,956.30	39.56	252.691	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-62.39	519.87	-993.80	1,122.17					
100.00	100.00	59.72	59.72	0.13	0.06	-62.37	520.11	-993.77	1,121.65	1,121.46	0.20	5,682.176		
200.00	200.00	157.57	157.56	0.49	0.18	-62.32	521.27	-993.66	1,122.10	1,121.43	0.67	1,667.377		
300.00	300.00	256.37	256.36	0.85	0.28	-62.27	522.30	-993.69	1,122.61	1,121.49	1.13	994.608		
400.00	400.00	355.26	355.25	1.21	0.36	-62.25	522.99	-994.07	1,123.28	1,121.72	1.56	721.430		
500.00	499.98	451.36	451.34	1.57	0.42	-12.99	523.78	-994.51	1,122.37	1,120.39	1.97	568.940		
600.00	599.84	547.75	547.72	1.93	0.47	-13.04	524.69	-995.41	1,118.54	1,116.15	2.38	469.128		
700.00	699.45	647.89	647.85	2.29	0.53	-13.15	525.80	-996.35	1,111.38	1,108.59	2.80	397.200		
800.00	798.70	748.52	748.47	2.67	0.58	-13.31	527.02	-997.15	1,100.78	1,097.57	3.21	342.788		
900.00	897.47	848.95	848.89	3.07	0.63	-13.53	528.23	-997.80	1,086.67	1,083.04	3.62	299.807		
1,000.00	995.62	948.95	948.89	3.50	0.68	-13.82	529.27	-998.39	1,069.09	1,065.05	4.04	264.678		
1,100.00	1,093.06	1,046.88	1,046.81	3.97	0.72	-14.20	529.90	-999.00	1,048.07	1,043.61	4.46	235.177		
1,200.00	1,189.64	1,143.55	1,143.47	4.47	0.76	-14.67	530.55	-999.68	1,023.85	1,018.97	4.88	209.871		
1,300.00	1,285.27	1,238.30	1,238.22	5.01	0.80	-15.23	531.05	-1,000.36	996.37	991.06	5.31	187.785		
1,400.00	1,379.82	1,330.74	1,330.65	5.61	0.84	-15.89	531.62	-1,001.32	966.04	960.29	5.74	168.279		
1,500.00	1,473.17	1,425.27	1,425.18	6.25	0.88	-16.70	532.06	-1,002.34	932.57	926.39	6.19	150.772		
1,600.00	1,565.21	1,516.39	1,516.29	6.96	0.91	-17.62	532.67	-1,003.36	896.20	889.56	6.64	134.942		
1,700.00	1,656.01	1,610.43	1,610.32	7.72	0.95	-18.63	533.17	-1,004.34	857.12	850.01	7.11	120.523		
1,800.00	1,746.60	1,699.73	1,699.62	8.50	0.98	-19.57	533.33	-1,005.38	817.77	810.18	7.59	107.758		
1,900.00	1,837.19	1,788.41	1,788.28	9.30	1.01	-20.61	533.38	-1,006.68	778.85	770.77	8.09	96.314		
2,000.00	1,927.79	1,879.47	1,879.34	10.12	1.04	-21.78	533.54	-1,008.14	740.35	731.75	8.60	86.051		
2,100.00	2,018.38	1,968.02	1,967.87	10.93	1.07	-22.99	534.21	-1,009.49	702.26	693.11	9.14	76.801		
2,200.00	2,108.97	2,057.67	2,057.49	11.76	1.11	-24.26	535.95	-1,010.88	664.85	655.14	9.71	68.505		
2,300.00	2,199.56	2,148.35	2,148.14	12.59	1.14	-25.63	538.31	-1,012.26	627.93	617.64	10.29	61.019		
2,400.00	2,290.15	2,241.29	2,241.03	13.43	1.18	-27.20	540.84	-1,013.72	591.46	580.55	10.90	54.250		
2,500.00	2,380.75	2,337.15	2,336.84	14.26	1.21	-29.00	543.60	-1,014.65	554.91	543.37	11.54	48.088		
2,600.00	2,471.34	2,432.03	2,431.69	15.11	1.24	-31.02	546.23	-1,014.84	518.17	505.95	12.22	42.407		
2,700.00	2,561.93	2,524.35	2,523.98	15.95	1.27	-33.34	548.31	-1,014.74	481.69	468.72	12.97	37.150		
2,800.00	2,652.52	2,614.58	2,614.19	16.80	1.30	-36.00	549.95	-1,014.64	445.96	432.16	13.80	32.314		
2,900.00	2,743.12	2,700.97	2,700.57	17.64	1.32	-38.99	551.28	-1,015.22	411.98	397.22	14.75	27.923		
3,000.00	2,833.71	2,794.38	2,793.97	18.49	1.36	-42.75	552.65	-1,016.13	379.66	363.86	15.80	24.031		
3,100.00	2,924.30	2,885.82	2,885.39	19.35	1.39	-47.04	554.10	-1,016.73	348.83	331.84	16.98	20.541		
3,200.00	3,014.89	2,977.35	2,976.92	20.20	1.42	-52.06	555.56	-1,017.28	320.22	301.90	18.31	17.485		
3,300.00	3,105.48	3,069.11	3,068.67	21.05	1.45	-57.98	556.75	-1,017.64	294.43	274.64	19.80	14.873		
3,400.00	3,196.08	3,159.51	3,159.06	21.91	1.48	-64.83	557.37	-1,017.75	272.47	251.06	21.41	12.726		
3,500.00	3,286.67	3,249.57	3,249.12	22.76	1.51	-72.60	557.58	-1,017.99	255.86	232.81	23.05	11.101		
3,600.00	3,377.26	3,339.14	3,338.68	23.62	1.54	-80.96	557.93	-1,018.58	245.57	221.04	24.53	10.010		
3,687.87	3,456.87	3,417.77	3,417.31	24.37	1.56	-88.57	558.00	-1,019.74	242.77	217.21	25.56	9.496 CC		
3,700.00	3,467.85	3,429.07	3,428.61	24.47	1.56	-89.67	558.02	-1,019.94	242.82	217.13	25.68	9.454 ES		
3,800.00	3,558.45	3,521.90	3,521.42	25.33	1.59	-98.48	558.81	-1,021.61	246.58	220.17	26.41	9.337 SF		
3,900.00	3,649.04	3,612.45	3,611.96	26.19	1.62	-106.76	559.41	-1,022.90	256.81	230.10	26.71	9.615		
4,000.00	3,739.63	3,705.22	3,704.72	27.05	1.65	-114.60	560.09	-1,023.85	272.72	246.04	26.68	10.222		
4,100.00	3,830.22	3,796.34	3,795.84	27.90	1.68	-121.46	560.99	-1,024.67	293.35	266.90	26.45	11.091		
4,200.00	3,920.81	3,886.12	3,885.61	28.76	1.71	-127.37	561.71	-1,025.52	318.16	292.03	26.13	12.178		
4,300.00	4,011.41	3,977.85	3,977.33	29.62	1.75	-132.55	562.27	-1,026.53	346.27	320.45	25.82	13.409		
4,400.00	4,102.00	4,070.05	4,069.51	30.48	1.78	-137.00	563.09	-1,027.69	376.53	350.95	25.58	14.719		
4,500.00	4,192.59	4,162.50	4,161.95	31.34	1.81	-140.84	564.18	-1,028.74	408.43	383.02	25.41	16.075		
4,600.00	4,283.18	4,255.04	4,254.48	32.20	1.84	-144.14	565.54	-1,029.93	441.52	416.21	25.31	17.444		
4,700.00	4,373.78	4,348.36	4,347.77	33.06	1.87	-147.00	567.13	-1,031.28	475.51	450.22	25.29	18.802		
4,800.00	4,464.37	4,441.89	4,441.27	33.92	1.91	-149.51	569.19	-1,032.63	510.01	484.68	25.33	20.134		
4,900.00	4,554.96	4,532.55	4,531.90	34.78	1.94	-151.64	571.33	-1,034.05	545.09	519.69	25.40	21.459		
5,000.00	4,645.55	4,618.96	4,618.28	35.64	1.97	-153.46	572.93	-1,034.97	581.40	555.92	25.48	22.821		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,704.49	4,703.81	36.51	2.00	-155.08	573.85	-1,035.43	619.08	593.49	25.58	24.200		
5,200.00	4,826.74	4,791.93	4,791.25	37.37	2.02	-156.55	574.19	-1,035.70	657.84	632.10	25.74	25.558		
5,300.00	4,917.33	4,880.86	4,880.18	38.23	2.04	-157.87	574.13	-1,035.98	697.33	671.40	25.94	26.886		
5,400.00	5,007.92	4,969.65	4,968.65	39.09	2.05	-159.03	573.79	-1,036.33	737.34	711.18	26.16	28.190		
5,500.00	5,098.51	5,058.65	5,057.96	39.95	2.05	-160.07	573.18	-1,036.70	777.80	751.40	26.40	29.463		
5,600.00	5,189.11	5,148.33	5,147.64	40.81	2.06	-161.00	572.36	-1,037.15	818.61	791.94	26.67	30.694		
5,700.00	5,279.70	5,237.35	5,236.65	41.68	2.06	-161.83	571.42	-1,037.65	859.66	832.70	26.95	31.894		
5,800.00	5,370.29	5,326.47	5,325.76	42.54	2.06	-162.57	570.17	-1,038.20	901.09	873.83	27.26	33.060		
5,900.00	5,460.88	5,417.98	5,417.26	43.40	2.07	-163.26	568.89	-1,039.00	942.51	914.91	27.59	34.157		
6,000.00	5,551.47	5,501.36	5,500.62	44.26	2.07	-163.82	567.35	-1,039.68	984.39	956.51	27.88	35.311		
6,100.00	5,642.07	5,596.44	5,595.69	45.13	2.07	-164.43	565.70	-1,040.12	1,026.45	998.20	28.26	36.325		
6,200.00	5,732.66	5,699.77	5,699.01	45.99	2.07	-165.15	565.68	-1,039.60	1,067.85	1,039.17	28.68	37.230		
6,300.00	5,823.25	5,785.96	5,785.18	46.85	2.07	-165.77	566.73	-1,038.33	1,108.97	1,079.98	28.99	38.258		
6,400.00	5,913.84	5,872.34	5,871.54	47.72	2.08	-166.37	567.67	-1,036.65	1,150.54	1,121.25	29.30	39.273		
6,500.00	6,004.44	5,959.62	5,958.79	48.58	2.08	-166.95	568.61	-1,034.53	1,192.50	1,162.88	29.61	40.267		
6,600.00	6,095.03	6,044.79	6,043.91	49.44	2.08	-167.51	569.75	-1,031.83	1,234.79	1,204.87	29.92	41.270		
6,700.00	6,185.62	6,131.32	6,130.29	50.30	2.08	-168.15	571.85	-1,027.21	1,277.61	1,247.39	30.22	42.275		
6,800.00	6,276.21	6,226.96	6,225.69	51.17	2.09	-168.86	575.07	-1,021.32	1,320.39	1,289.81	30.58	43.174		
6,900.00	6,366.80	6,329.12	6,327.77	52.03	2.10	-169.43	577.05	-1,017.84	1,362.74	1,331.71	31.02	43.924		
7,000.00	6,457.40	6,435.69	6,434.33	52.89	2.11	-169.85	578.31	-1,017.24	1,403.99	1,372.46	31.53	44.527		
7,100.00	6,545.60	6,527.93	6,526.56	53.85	2.14	-169.71	578.87	-1,018.20	1,448.32	1,416.35	31.97	45.303		
7,200.00	6,626.13	6,610.49	6,609.10	55.05	2.16	-145.66	579.14	-1,019.51	1,501.09	1,468.72	32.37	46.371		
7,300.00	6,696.49	6,677.65	6,676.26	56.46	2.18	-136.14	579.21	-1,020.61	1,561.54	1,528.85	32.69	47.768		
7,400.00	6,754.56	6,735.84	6,734.44	58.05	2.19	-126.79	579.14	-1,021.55	1,628.52	1,595.55	32.97	49.388		
7,500.00	6,798.57	6,781.59	6,780.18	59.78	2.20	-116.75	579.01	-1,022.37	1,700.59	1,667.39	33.20	51.226		
7,600.00	6,827.18	6,812.02	6,810.60	61.58	2.21	-105.67	578.89	-1,022.95	1,776.18	1,742.84	33.34	53.273		
7,700.00	6,839.51	6,826.18	6,824.77	63.39	2.21	-93.93	578.82	-1,023.23	1,853.46	1,820.06	33.40	55.495		
7,800.00	6,840.00	6,828.63	6,827.21	65.19	2.21	-91.17	578.81	-1,023.28	1,931.41	1,898.00	33.41	57.814		
7,900.00	6,840.00	6,830.59	6,829.17	67.04	2.21	-91.26	578.80	-1,023.32	2,011.22	1,977.79	33.44	60.152		
8,000.00	6,840.00	6,832.56	6,831.14	68.95	2.21	-91.36	578.79	-1,023.36	2,092.77	2,059.29	33.48	62.507		
8,100.00	6,840.00	6,834.54	6,833.12	70.91	2.21	-91.45	578.78	-1,023.40	2,175.86	2,142.32	33.54	64.876		
8,200.00	6,840.00	6,836.52	6,835.10	72.91	2.21	-91.55	578.77	-1,023.44	2,260.31	2,226.70	33.61	67.257		
8,300.00	6,840.00	6,838.50	6,837.08	74.96	2.21	-91.64	578.76	-1,023.47	2,345.99	2,312.31	33.68	69.650		
8,400.00	6,840.00	6,840.49	6,839.07	77.05	2.21	-91.74	578.75	-1,023.51	2,432.76	2,398.99	33.76	72.052		
8,500.00	6,840.00	6,842.49	6,841.07	79.18	2.21	-91.84	578.74	-1,023.55	2,520.50	2,486.65	33.85	74.462		
8,600.00	6,840.00	6,844.49	6,843.07	81.34	2.21	-91.93	578.73	-1,023.59	2,609.13	2,575.19	33.94	76.879		
8,700.00	6,840.00	6,846.50	6,845.08	83.54	2.21	-92.03	578.72	-1,023.63	2,698.55	2,664.52	34.03	79.302		
8,800.00	6,840.00	6,848.51	6,847.09	85.76	2.21	-92.13	578.71	-1,023.67	2,788.69	2,754.57	34.12	81.731		
8,900.00	6,840.00	6,850.53	6,849.11	88.02	2.21	-92.22	578.70	-1,023.71	2,879.48	2,845.27	34.21	84.163		
9,000.00	6,840.00	6,852.56	6,851.13	90.30	2.21	-92.32	578.69	-1,023.76	2,970.86	2,936.55	34.31	86.598		
9,100.00	6,840.00	6,854.59	6,853.16	92.60	2.21	-92.42	578.68	-1,023.80	3,062.77	3,028.37	34.40	89.036		
9,200.00	6,840.00	6,856.62	6,855.20	94.93	2.22	-92.52	578.67	-1,023.84	3,155.18	3,120.69	34.49	91.476		
9,300.00	6,840.00	6,858.66	6,857.24	97.28	2.22	-92.62	578.65	-1,023.88	3,248.03	3,213.45	34.58	93.917		
9,400.00	6,840.00	6,860.71	6,859.28	99.65	2.22	-92.71	578.64	-1,023.92	3,341.30	3,306.63	34.68	96.359		
9,500.00	6,840.00	6,862.76	6,861.34	102.03	2.22	-92.81	578.63	-1,023.96	3,434.94	3,400.18	34.77	98.801		
9,600.00	6,840.00	6,864.82	6,863.39	104.43	2.22	-92.91	578.62	-1,024.00	3,528.94	3,494.08	34.86	101.242		
9,700.00	6,840.00	6,866.88	6,865.46	106.85	2.22	-93.01	578.61	-1,024.04	3,623.25	3,588.30	34.95	103.682		
9,800.00	6,840.00	6,868.95	6,867.52	109.29	2.22	-93.11	578.60	-1,024.09	3,717.86	3,682.82	35.03	106.120		
9,900.00	6,840.00	6,871.03	6,869.60	111.73	2.22	-93.21	578.59	-1,024.13	3,812.74	3,777.62	35.12	108.557		
10,000.00	6,840.00	6,873.11	6,871.68	114.19	2.22	-93.31	578.57	-1,024.17	3,907.88	3,872.67	35.21	110.991		
10,100.00	6,840.00	6,875.19	6,873.76	116.66	2.22	-93.41	578.56	-1,024.21	4,003.25	3,967.95	35.30	113.422		
10,200.00	6,840.00	6,877.28	6,875.86	119.15	2.22	-93.51	578.55	-1,024.26	4,098.84	4,063.46	35.38	115.851		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,879.38	6,877.95	121.64	2.22	-93.61	578.54	-1,024.30	4,194.64	4,159.17	35.47	118.275		
10,400.00	6,840.00	6,881.49	6,880.06	124.14	2.22	-93.71	578.52	-1,024.34	4,290.62	4,255.08	35.55	120.696		
10,500.00	6,840.00	6,883.60	6,882.17	126.65	2.22	-93.81	578.51	-1,024.38	4,386.79	4,351.16	35.63	123.113		
10,600.00	6,840.00	6,885.71	6,884.28	129.18	2.22	-93.92	578.50	-1,024.43	4,483.12	4,447.41	35.71	125.525		
10,700.00	6,840.00	6,887.83	6,886.40	131.70	2.22	-94.02	578.49	-1,024.47	4,579.61	4,543.81	35.80	127.933		
10,800.00	6,840.00	6,889.96	6,888.53	134.24	2.22	-94.12	578.47	-1,024.51	4,676.25	4,640.37	35.88	130.336		
10,900.00	6,840.00	6,892.09	6,890.66	136.79	2.22	-94.22	578.46	-1,024.56	4,773.02	4,737.06	35.96	132.733		
11,000.00	6,840.00	6,894.23	6,892.80	139.34	2.22	-94.33	578.45	-1,024.60	4,869.92	4,833.88	36.04	135.125		
11,100.00	6,840.00	6,896.38	6,894.95	141.90	2.22	-94.43	578.43	-1,024.65	4,966.95	4,930.83	36.12	137.511		
11,200.00	6,840.00	6,898.53	6,897.10	144.46	2.22	-94.53	578.42	-1,024.69	5,064.09	5,027.89	36.20	139.891		
11,300.00	6,840.00	6,900.69	6,899.26	147.03	2.22	-94.63	578.41	-1,024.74	5,161.33	5,125.05	36.28	142.266		
11,400.00	6,840.00	6,902.85	6,901.42	149.60	2.22	-94.74	578.39	-1,024.78	5,258.68	5,222.33	36.36	144.634		
11,500.00	6,840.00	6,905.02	6,903.59	152.18	2.23	-94.84	578.38	-1,024.83	5,356.13	5,319.69	36.44	146.995		
11,600.00	6,840.00	6,907.20	6,905.76	154.77	2.23	-94.95	578.37	-1,024.87	5,453.67	5,417.15	36.52	149.350		
11,700.00	6,840.00	6,909.38	6,907.95	157.36	2.23	-95.05	578.35	-1,024.92	5,551.29	5,514.70	36.59	151.698		
11,800.00	6,840.00	6,911.57	6,910.13	159.95	2.23	-95.16	578.34	-1,024.96	5,649.00	5,612.33	36.67	154.039		
11,900.00	6,840.00	6,913.76	6,912.32	162.55	2.23	-95.26	578.33	-1,025.00	5,746.79	5,710.06	36.73	156.442		
12,000.00	6,840.00	6,915.95	6,914.51	165.16	2.23	-95.36	578.32	-1,025.04	5,844.65	5,807.84	36.81	158.781		
12,100.00	6,840.00	6,918.14	6,916.70	167.76	2.23	-95.46	578.31	-1,025.08	5,942.58	5,905.70	36.88	161.114		
12,200.00	6,840.00	6,920.33	6,918.89	170.37	2.23	-95.56	578.30	-1,025.12	6,040.58	6,003.62	36.96	163.439		
12,300.00	6,840.00	6,922.52	6,921.08	172.99	2.23	-95.66	578.29	-1,025.16	6,138.65	6,101.61	37.03	165.758		
12,400.00	6,840.00	6,924.71	6,923.27	175.60	2.23	-95.76	578.28	-1,025.20	6,236.77	6,199.66	37.11	168.069		
12,500.00	6,840.00	6,926.90	6,925.46	178.23	2.23	-95.86	578.27	-1,025.24	6,334.95	6,297.77	37.18	170.372		
12,600.00	6,840.00	6,929.09	6,927.65	180.85	2.23	-95.96	578.26	-1,025.28	6,433.19	6,395.93	37.26	172.669		
12,700.00	6,840.00	6,931.28	6,929.84	183.47	2.23	-96.06	578.25	-1,025.32	6,531.48	6,494.15	37.33	174.957		
12,800.00	6,840.00	6,933.47	6,932.03	186.10	2.23	-96.16	578.24	-1,025.36	6,629.82	6,592.42	37.41	177.238		
12,900.00	6,840.00	6,935.66	6,934.22	188.74	2.23	-96.26	578.23	-1,025.40	6,728.21	6,690.73	37.48	179.512		
13,000.00	6,840.00	6,937.85	6,936.41	191.37	2.23	-96.36	578.22	-1,025.44	6,826.65	6,789.09	37.56	181.777		
13,100.00	6,840.00	6,940.04	6,938.60	194.01	2.23	-96.46	578.21	-1,025.48	6,925.13	6,887.50	37.63	184.034		
13,200.00	6,840.00	6,942.23	6,940.79	196.65	2.23	-96.56	578.20	-1,025.52	7,023.65	6,985.95	37.70	186.284		
13,300.00	6,840.00	6,944.42	6,942.98	199.29	2.23	-96.66	578.19	-1,025.56	7,122.22	7,084.44	37.78	188.525		
13,400.00	6,840.00	6,946.61	6,945.17	201.93	2.23	-96.76	578.18	-1,025.60	7,220.82	7,182.97	37.85	190.758		
13,500.00	6,840.00	6,948.80	6,947.36	204.58	2.23	-96.86	578.17	-1,025.64	7,319.46	7,281.53	37.93	192.983		
13,600.00	6,840.00	6,950.99	6,949.55	207.22	2.23	-96.96	578.16	-1,025.68	7,418.14	7,380.13	38.00	195.199		
13,700.00	6,840.00	6,953.18	6,951.74	209.87	2.23	-97.06	578.15	-1,025.72	7,516.85	7,478.77	38.08	197.407		
13,800.00	6,840.00	6,955.37	6,953.93	212.52	2.23	-97.16	578.14	-1,025.76	7,615.59	7,577.44	38.15	199.606		
13,900.00	6,840.00	6,957.56	6,956.12	215.18	2.23	-97.26	578.13	-1,025.80	7,714.37	7,676.14	38.23	201.797		
14,000.00	6,840.00	6,959.75	6,958.31	217.83	2.23	-97.36	578.12	-1,025.84	7,813.18	7,774.87	38.30	203.980		
14,100.00	6,840.00	6,961.94	6,960.50	220.49	2.23	-97.46	578.11	-1,025.88	7,912.01	7,873.63	38.38	206.153		
14,200.00	6,840.00	6,964.13	6,962.69	223.15	2.23	-97.56	578.10	-1,025.92	8,010.88	7,972.42	38.45	208.318		
14,300.00	6,840.00	6,966.32	6,964.88	225.81	2.23	-97.66	578.09	-1,025.96	8,109.77	8,071.24	38.53	210.475		
14,400.00	6,840.00	6,968.51	6,967.07	228.47	2.23	-97.76	578.08	-1,026.00	8,208.69	8,170.08	38.61	212.622		
14,500.00	6,840.00	6,970.70	6,969.26	231.13	2.23	-97.86	578.07	-1,026.04	8,307.64	8,268.95	38.68	214.761		
14,600.00	6,840.00	6,972.89	6,971.45	233.79	2.23	-97.96	578.06	-1,026.08	8,406.61	8,367.85	38.76	216.890		
14,700.00	6,840.00	6,975.08	6,973.64	236.46	2.23	-98.06	578.05	-1,026.12	8,505.60	8,466.76	38.84	219.011		
14,800.00	6,840.00	6,977.27	6,975.83	239.12	2.23	-98.16	578.04	-1,026.16	8,604.62	8,565.70	38.91	221.123		
14,900.00	6,840.00	6,979.46	6,978.02	241.79	2.23	-98.26	578.03	-1,026.20	8,703.66	8,664.66	38.99	223.226		
15,000.00	6,840.00	6,981.65	6,980.21	244.46	2.23	-98.36	578.02	-1,026.24	8,802.72	8,763.65	39.07	225.319		
15,100.00	6,840.00	6,983.84	6,982.40	247.13	2.24	-98.46	578.01	-1,026.28	8,901.80	8,862.65	39.15	227.404		
15,200.00	6,840.00	6,986.03	6,984.59	249.80	2.24	-98.56	578.00	-1,026.32	9,000.90	8,961.67	39.22	229.479		
15,300.00	6,840.00	6,988.22	6,986.78	252.47	2.24	-98.66	577.99	-1,026.36	9,100.02	9,060.72	39.30	231.546		
15,400.00	6,840.00	6,990.41	6,988.97	255.15	2.24	-98.76	577.98	-1,026.40	9,199.16	9,159.78	39.38	233.603		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,962.02	6,960.57	257.82	2.24	-97.56	578.02	-1,025.92	9,298.31	9,258.86	39.46	235.651	
15,600.00	6,840.00	6,963.29	6,961.84	260.50	2.24	-97.62	578.01	-1,025.94	9,397.49	9,357.95	39.54	237.690	
15,700.00	6,840.00	6,964.55	6,963.10	263.17	2.24	-97.68	578.00	-1,025.97	9,496.68	9,457.07	39.62	239.720	
15,800.00	6,840.00	6,965.80	6,964.35	265.85	2.24	-97.74	577.99	-1,025.99	9,595.89	9,556.20	39.70	241.740	
15,900.00	6,840.00	6,967.04	6,965.59	268.53	2.24	-97.79	577.98	-1,026.01	9,695.11	9,655.34	39.77	243.751	
16,000.00	6,840.00	6,968.28	6,966.83	271.20	2.24	-97.85	577.98	-1,026.03	9,794.35	9,754.50	39.85	245.753	
16,100.00	6,840.00	6,969.50	6,968.06	273.88	2.24	-97.91	577.97	-1,026.05	9,893.61	9,853.68	39.93	247.745	
16,200.00	6,840.00	6,970.72	6,969.28	276.56	2.24	-97.97	577.96	-1,026.08	9,992.88	9,952.87	40.01	249.729	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-156.60	-2,155.21	-932.52	2,348.56					
100.00	100.00	70.81	70.81	0.13	0.07	-156.60	-2,155.11	-932.51	2,348.22	2,348.01	0.21	N/A		
200.00	200.00	169.23	169.23	0.49	0.15	-156.60	-2,154.88	-932.38	2,347.94	2,347.30	0.65	3,629.243		
300.00	300.00	267.03	267.03	0.85	0.24	-156.61	-2,154.95	-931.95	2,347.83	2,346.74	1.09	2,147.887		
388.05	388.05	353.05	353.05	1.17	0.32	-156.62	-2,155.03	-931.63	2,347.79	2,346.31	1.48	1,589.393 CC		
400.00	400.00	364.61	364.61	1.21	0.32	-156.62	-2,155.05	-931.60	2,347.79	2,346.26	1.53	1,536.670 ES		
500.00	499.98	468.92	468.92	1.57	0.35	-107.40	-2,155.10	-931.43	2,348.29	2,346.38	1.91	1,228.220		
600.00	599.84	570.10	570.09	1.93	0.38	-107.49	-2,154.81	-931.48	2,349.62	2,347.32	2.30	1,021.339		
700.00	699.45	659.49	659.49	2.29	0.40	-107.62	-2,154.78	-931.39	2,352.20	2,349.52	2.68	876.962		
800.00	798.70	752.36	752.35	2.67	0.42	-107.81	-2,155.16	-931.52	2,356.36	2,353.27	3.09	762.959		
900.00	897.47	850.88	850.87	3.07	0.46	-108.07	-2,155.62	-931.64	2,361.71	2,358.19	3.53	669.462		
1,000.00	995.62	957.71	957.70	3.50	0.49	-108.40	-2,155.86	-932.19	2,368.20	2,364.22	3.98	594.986		
1,100.00	1,093.06	1,062.17	1,062.16	3.97	0.52	-108.80	-2,155.69	-932.32	2,375.43	2,370.96	4.47	531.339		
1,200.00	1,189.64	1,153.73	1,153.72	4.47	0.54	-109.17	-2,155.53	-932.44	2,384.01	2,379.02	4.98	478.613		
1,300.00	1,285.27	1,245.70	1,245.69	5.01	0.56	-109.59	-2,155.65	-932.58	2,394.27	2,388.75	5.53	433.288		
1,400.00	1,379.82	1,341.96	1,341.95	5.61	0.59	-110.07	-2,155.68	-932.91	2,406.03	2,399.91	6.13	392.765		
1,500.00	1,473.17	1,435.51	1,435.50	6.25	0.63	-110.56	-2,155.65	-933.30	2,419.36	2,412.58	6.77	357.260		
1,600.00	1,565.21	1,526.70	1,526.68	6.96	0.66	-111.06	-2,155.58	-933.91	2,434.41	2,426.95	7.46	326.271		
1,700.00	1,656.01	1,618.36	1,618.35	7.72	0.69	-111.73	-2,155.45	-934.72	2,451.13	2,442.94	8.19	299.269		
1,800.00	1,746.60	1,710.98	1,710.96	8.50	0.73	-112.57	-2,155.27	-935.50	2,468.54	2,459.61	8.93	276.322		
1,900.00	1,837.19	1,796.54	1,796.52	9.30	0.76	-113.33	-2,155.13	-936.40	2,486.61	2,476.93	9.68	256.941		
2,000.00	1,927.79	1,883.64	1,883.61	10.12	0.79	-114.10	-2,155.09	-937.57	2,505.41	2,494.98	10.42	240.352		
2,100.00	2,018.38	1,998.84	1,998.80	10.93	0.83	-115.10	-2,154.70	-938.93	2,524.47	2,513.29	11.18	225.837		
2,200.00	2,108.97	2,080.87	2,080.83	11.76	0.85	-115.81	-2,154.19	-939.53	2,543.69	2,531.77	11.92	213.448		
2,300.00	2,199.56	2,165.86	2,165.81	12.59	0.88	-116.53	-2,153.96	-940.00	2,563.72	2,551.07	12.65	202.623		
2,400.00	2,290.15	2,250.41	2,250.36	13.43	0.91	-117.25	-2,153.92	-940.46	2,584.47	2,571.09	13.38	193.131		
2,500.00	2,380.75	2,339.60	2,339.55	14.26	0.94	-118.00	-2,154.05	-941.07	2,605.93	2,591.83	14.11	184.716		
2,600.00	2,471.34	2,428.08	2,428.03	15.11	0.97	-118.72	-2,154.08	-941.74	2,627.80	2,612.98	14.83	177.242		
2,700.00	2,561.93	2,502.67	2,502.61	15.95	0.99	-119.33	-2,154.47	-942.34	2,650.58	2,635.06	15.53	170.710		
2,800.00	2,652.52	2,617.35	2,617.29	16.80	1.02	-120.24	-2,154.89	-943.17	2,673.69	2,657.44	16.25	164.566		
2,900.00	2,743.12	2,698.01	2,697.95	17.64	1.05	-120.88	-2,155.06	-943.67	2,697.10	2,680.16	16.94	159.219		
3,000.00	2,833.71	2,795.39	2,795.32	18.49	1.08	-121.63	-2,155.23	-944.40	2,720.93	2,703.30	17.64	154.286		
3,100.00	2,924.30	2,880.23	2,880.16	19.35	1.11	-122.27	-2,155.32	-945.24	2,745.17	2,726.86	18.32	149.874		
3,200.00	3,014.89	2,968.64	2,968.56	20.20	1.14	-122.93	-2,155.57	-946.29	2,770.00	2,751.01	18.99	145.842		
3,300.00	3,105.48	3,049.34	3,049.26	21.05	1.16	-123.52	-2,155.90	-947.35	2,795.36	2,775.71	19.65	142.234		
3,400.00	3,196.08	3,131.24	3,131.16	21.91	1.18	-124.12	-2,156.69	-947.75	2,821.55	2,801.24	20.30	138.964		
3,500.00	3,286.67	3,227.71	3,227.62	22.76	1.21	-124.82	-2,157.60	-948.17	2,848.11	2,827.15	20.96	135.859		
3,600.00	3,377.26	3,327.05	3,326.95	23.62	1.23	-125.53	-2,158.27	-948.62	2,874.83	2,853.21	21.62	132.994		
3,700.00	3,467.85	3,424.53	3,424.43	24.47	1.23	-126.22	-2,158.63	-948.39	2,901.63	2,879.37	22.25	130.396		
3,800.00	3,558.45	3,510.11	3,510.00	25.33	1.24	-126.84	-2,158.96	-947.03	2,928.79	2,905.91	22.87	128.042		
3,900.00	3,649.04	3,583.40	3,583.27	26.19	1.24	-127.37	-2,159.53	-945.36	2,956.69	2,933.22	23.47	125.957		
4,000.00	3,739.63	3,651.24	3,651.08	27.05	1.25	-127.86	-2,160.48	-943.72	2,985.56	2,961.50	24.06	124.089		
4,100.00	3,830.22	3,721.70	3,721.50	27.90	1.26	-128.36	-2,162.00	-942.09	3,015.48	2,990.84	24.64	122.384		
4,200.00	3,920.81	3,804.88	3,804.65	28.76	1.27	-128.93	-2,164.10	-940.89	3,046.09	3,020.86	25.23	120.745		
4,300.00	4,011.41	3,868.66	3,868.40	29.62	1.28	-129.35	-2,166.08	-940.48	3,077.53	3,051.74	25.79	119.340		
4,400.00	4,102.00	3,944.43	3,944.11	30.48	1.30	-129.83	-2,168.98	-940.45	3,109.91	3,083.56	26.36	117.991		
4,500.00	4,192.59	4,035.63	4,035.23	31.34	1.32	-130.39	-2,172.66	-941.33	3,142.74	3,115.80	26.94	116.636		
4,600.00	4,283.18	4,135.38	4,134.89	32.20	1.35	-130.96	-2,176.50	-943.27	3,175.62	3,148.08	27.54	115.295		
4,700.00	4,373.78	4,242.33	4,241.72	33.06	1.38	-131.54	-2,180.34	-946.68	3,208.46	3,180.30	28.15	113.964		
4,800.00	4,464.37	4,360.28	4,359.55	33.92	1.42	-132.17	-2,183.67	-950.47	3,240.80	3,212.03	28.77	112.626		
4,900.00	4,554.96	4,458.91	4,458.12	34.78	1.44	-132.68	-2,185.85	-953.57	3,272.82	3,243.46	29.36	111.466		
5,000.00	4,645.55	4,559.17	4,558.30	35.64	1.48	-133.20	-2,187.98	-956.88	3,304.96	3,275.01	29.95	110.361		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,664.76	4,663.83	36.51	1.51	-133.73	-2,189.70	-959.96	3,336.90	3,306.36	30.53	109.287		
5,200.00	4,826.74	4,778.87	4,777.89	37.37	1.54	-134.30	-2,190.95	-962.86	3,368.60	3,337.48	31.12	108.229		
5,300.00	4,917.33	4,926.86	4,925.84	38.23	1.58	-135.04	-2,190.82	-966.15	3,399.52	3,367.77	31.75	107.068		
5,400.00	5,007.92	5,079.15	5,078.08	39.09	1.60	-135.81	-2,187.51	-968.43	3,428.69	3,396.32	32.36	105.944		
5,500.00	5,098.51	5,151.61	5,150.51	39.95	1.61	-136.18	-2,185.36	-968.53	3,457.66	3,424.79	32.87	105.197		
5,600.00	5,189.11	5,228.74	5,227.61	40.81	1.61	-136.58	-2,183.63	-967.90	3,487.57	3,454.20	33.37	104.511		
5,700.00	5,279.70	5,325.13	5,323.95	41.68	1.61	-137.10	-2,180.96	-965.98	3,517.42	3,483.54	33.89	103.802		
5,800.00	5,370.29	5,378.90	5,377.67	42.54	1.61	-137.39	-2,179.75	-964.25	3,548.18	3,513.83	34.34	103.318		
5,900.00	5,460.88	5,436.46	5,435.18	43.40	1.61	-137.71	-2,178.97	-961.98	3,580.09	3,545.29	34.80	102.891		
6,000.00	5,551.47	5,500.00	5,498.68	44.26	1.61	-138.05	-2,178.67	-959.62	3,613.00	3,577.75	35.25	102.497		
6,100.00	5,642.07	5,578.11	5,576.76	45.13	1.61	-138.46	-2,178.82	-957.26	3,646.64	3,610.92	35.72	102.084		
6,200.00	5,732.66	5,714.87	5,713.49	45.99	1.61	-139.13	-2,178.81	-954.83	3,680.19	3,643.91	36.28	101.440		
6,300.00	5,823.25	5,820.63	5,819.24	46.85	1.61	-139.63	-2,178.00	-953.87	3,713.06	3,676.27	36.79	100.922		
6,400.00	5,913.84	5,917.05	5,915.66	47.72	1.61	-140.07	-2,176.98	-953.35	3,745.80	3,708.52	37.29	100.456		
6,500.00	6,004.44	6,000.62	5,999.22	48.58	1.62	-140.43	-2,176.29	-953.62	3,778.76	3,740.99	37.76	100.066		
6,600.00	6,095.03	6,085.06	6,083.66	49.44	1.64	-140.78	-2,175.85	-954.37	3,812.04	3,773.80	38.24	99.678		
6,700.00	6,185.62	6,184.22	6,182.82	50.30	1.66	-141.19	-2,175.36	-955.34	3,845.50	3,806.75	38.75	99.246		
6,800.00	6,276.21	6,276.28	6,274.86	51.17	1.68	-141.56	-2,174.74	-956.24	3,878.95	3,839.71	39.24	98.862		
6,900.00	6,366.80	6,353.53	6,352.11	52.03	1.70	-141.87	-2,174.31	-956.91	3,912.68	3,872.98	39.70	98.567		
7,000.00	6,457.40	6,429.31	6,427.89	52.89	1.72	-142.17	-2,174.22	-957.47	3,946.95	3,906.81	40.15	98.307		
7,100.00	6,545.60	6,509.99	6,508.57	53.85	1.74	-129.18	-2,174.29	-957.84	3,982.52	3,941.85	40.67	97.931		
7,200.00	6,626.13	6,593.35	6,591.93	55.05	1.76	-118.96	-2,174.42	-958.28	4,020.16	3,978.82	41.34	97.249		
7,300.00	6,696.49	6,665.51	6,664.09	56.46	1.78	-111.33	-2,174.51	-958.72	4,059.14	4,017.01	42.13	96.339		
7,400.00	6,754.56	6,722.94	6,721.52	58.05	1.79	-105.11	-2,174.54	-958.94	4,098.87	4,055.84	43.02	95.268		
7,500.00	6,798.57	6,764.30	6,762.87	59.78	1.80	-99.74	-2,174.56	-959.04	4,138.72	4,094.74	43.98	94.101		
7,600.00	6,827.18	6,791.07	6,789.65	61.58	1.81	-95.01	-2,174.58	-959.07	4,177.94	4,132.97	44.97	92.900		
7,700.00	6,839.51	6,802.59	6,801.16	63.39	1.81	-90.86	-2,174.59	-959.07	4,215.69	4,169.73	45.96	91.735		
7,800.00	6,840.00	6,803.07	6,801.64	65.19	1.81	-89.95	-2,174.59	-959.07	4,252.42	4,205.51	46.91	90.642		
7,900.00	6,840.00	6,803.10	6,801.68	67.04	1.81	-89.95	-2,174.59	-959.07	4,291.04	4,243.15	47.89	89.606		
8,000.00	6,840.00	6,803.13	6,801.71	68.95	1.81	-89.95	-2,174.59	-959.07	4,331.62	4,282.75	48.87	88.636		
8,100.00	6,840.00	6,803.16	6,801.74	70.91	1.81	-89.95	-2,174.59	-959.07	4,374.12	4,324.26	49.85	87.737		
8,200.00	6,840.00	6,803.19	6,801.77	72.91	1.81	-89.95	-2,174.59	-959.07	4,418.47	4,367.63	50.84	86.911		
8,300.00	6,840.00	6,803.22	6,801.80	74.96	1.81	-89.95	-2,174.59	-959.07	4,464.61	4,412.80	51.82	86.159		
8,400.00	6,840.00	6,803.26	6,801.83	77.05	1.81	-89.95	-2,174.59	-959.07	4,512.51	4,459.72	52.79	85.480		
8,500.00	6,840.00	6,803.29	6,801.86	79.18	1.81	-89.95	-2,174.59	-959.07	4,562.09	4,508.34	53.75	84.875		
8,600.00	6,840.00	6,803.32	6,801.89	81.34	1.81	-89.95	-2,174.59	-959.07	4,613.31	4,558.61	54.70	84.342		
8,700.00	6,840.00	6,803.35	6,801.92	83.54	1.81	-89.96	-2,174.59	-959.07	4,666.10	4,610.47	55.63	83.878		
8,800.00	6,840.00	6,803.38	6,801.95	85.76	1.81	-89.96	-2,174.59	-959.07	4,720.43	4,663.89	56.54	83.482		
8,900.00	6,840.00	6,803.41	6,801.98	88.02	1.81	-89.96	-2,174.59	-959.07	4,776.23	4,718.79	57.44	83.151		
9,000.00	6,840.00	6,803.44	6,802.01	90.30	1.81	-89.96	-2,174.59	-959.07	4,833.46	4,775.14	58.32	82.882		
9,100.00	6,840.00	6,803.47	6,802.05	92.60	1.81	-89.96	-2,174.59	-959.07	4,892.06	4,832.89	59.17	82.672		
9,200.00	6,840.00	6,803.50	6,802.08	94.93	1.81	-89.96	-2,174.59	-959.07	4,951.99	4,891.98	60.01	82.520		
9,300.00	6,840.00	6,803.53	6,802.11	97.28	1.81	-89.96	-2,174.59	-959.07	5,013.20	4,952.37	60.82	82.421		
9,400.00	6,840.00	6,803.56	6,802.14	99.65	1.81	-89.96	-2,174.59	-959.07	5,075.64	5,014.02	61.62	82.374 SF		
9,500.00	6,840.00	6,803.60	6,802.17	102.03	1.81	-89.96	-2,174.59	-959.07	5,139.26	5,076.87	62.39	82.375		
9,600.00	6,840.00	6,803.63	6,802.20	104.43	1.81	-89.96	-2,174.59	-959.07	5,204.03	5,140.89	63.14	82.423		
9,700.00	6,840.00	6,803.66	6,802.23	106.85	1.81	-89.96	-2,174.59	-959.07	5,269.90	5,206.04	63.87	82.515		
9,800.00	6,840.00	6,803.69	6,802.26	109.29	1.81	-89.96	-2,174.59	-959.07	5,336.84	5,272.26	64.57	82.649		
9,900.00	6,840.00	6,803.72	6,802.29	111.73	1.81	-89.96	-2,174.59	-959.07	5,404.79	5,339.53	65.26	82.822		
10,000.00	6,840.00	6,803.75	6,802.33	114.19	1.81	-89.96	-2,174.59	-959.07	5,473.73	5,407.81	65.92	83.033		
10,100.00	6,840.00	6,803.78	6,802.36	116.66	1.81	-89.96	-2,174.59	-959.07	5,543.61	5,477.04	66.57	83.279		
10,200.00	6,840.00	6,803.81	6,802.39	119.15	1.81	-89.96	-2,174.59	-959.07	5,614.41	5,547.22	67.19	83.558		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,803.84	6,802.42	121.64	1.81	-89.96	-2,174.59	-959.07	5,686.08	5,618.28	67.80	83.870		
10,400.00	6,840.00	6,803.88	6,802.45	124.14	1.81	-89.96	-2,174.59	-959.07	5,758.60	5,690.21	68.38	84.211		
10,500.00	6,840.00	6,803.91	6,802.48	126.65	1.81	-89.96	-2,174.59	-959.07	5,831.93	5,762.98	68.95	84.581		
10,600.00	6,840.00	6,803.94	6,802.51	129.18	1.81	-89.96	-2,174.59	-959.07	5,906.04	5,836.54	69.50	84.979		
10,700.00	6,840.00	6,803.97	6,802.54	131.70	1.81	-89.96	-2,174.59	-959.07	5,980.91	5,910.87	70.03	85.402		
10,800.00	6,840.00	6,804.00	6,802.57	134.24	1.81	-89.96	-2,174.59	-959.07	6,056.50	5,985.95	70.55	85.849		
10,900.00	6,840.00	6,804.03	6,802.61	136.79	1.81	-89.97	-2,174.59	-959.07	6,132.79	6,061.74	71.05	86.320		
11,000.00	6,840.00	6,804.06	6,802.64	139.34	1.81	-89.97	-2,174.59	-959.07	6,209.75	6,138.22	71.53	86.812		
11,100.00	6,840.00	6,804.09	6,802.67	141.90	1.81	-89.97	-2,174.59	-959.07	6,287.37	6,215.37	72.00	87.326		
11,200.00	6,840.00	6,804.13	6,802.70	144.46	1.81	-89.97	-2,174.59	-959.07	6,365.61	6,293.15	72.45	87.859		
11,300.00	6,840.00	6,804.16	6,802.73	147.03	1.81	-89.97	-2,174.59	-959.07	6,444.44	6,371.55	72.89	88.411		
11,400.00	6,840.00	6,804.19	6,802.76	149.60	1.81	-89.97	-2,174.59	-959.07	6,523.86	6,450.55	73.32	88.981		
11,500.00	6,840.00	6,804.22	6,802.79	152.18	1.81	-89.97	-2,174.59	-959.07	6,603.84	6,530.11	73.73	89.568		
11,600.00	6,840.00	6,804.25	6,802.83	154.77	1.81	-89.97	-2,174.59	-959.07	6,684.36	6,610.23	74.13	90.172		
11,700.00	6,840.00	6,804.28	6,802.86	157.36	1.81	-89.97	-2,174.59	-959.07	6,765.40	6,690.88	74.52	90.791		
11,800.00	6,840.00	6,804.31	6,802.89	159.95	1.81	-89.97	-2,174.59	-959.07	6,846.94	6,772.05	74.89	91.424		
11,900.00	6,840.00	6,804.35	6,802.92	162.55	1.81	-89.97	-2,174.59	-959.07	6,928.96	6,853.70	75.26	92.072		
12,000.00	6,840.00	6,804.38	6,802.95	165.16	1.81	-89.97	-2,174.59	-959.07	7,011.45	6,935.84	75.61	92.733		
12,100.00	6,840.00	6,804.41	6,802.98	167.76	1.81	-89.97	-2,174.59	-959.07	7,094.39	7,018.44	75.95	93.407		
12,200.00	6,840.00	6,804.44	6,803.01	170.37	1.81	-89.97	-2,174.59	-959.07	7,177.76	7,101.48	76.28	94.093		
12,300.00	6,840.00	6,804.47	6,803.05	172.99	1.81	-89.97	-2,174.59	-959.07	7,261.56	7,184.95	76.61	94.791		
12,400.00	6,840.00	6,804.50	6,803.08	175.60	1.81	-89.97	-2,174.59	-959.07	7,345.76	7,268.84	76.92	95.499		
12,500.00	6,840.00	6,804.53	6,803.11	178.23	1.81	-89.97	-2,174.59	-959.07	7,430.35	7,353.13	77.22	96.219		
12,600.00	6,840.00	6,804.57	6,803.14	180.85	1.81	-89.97	-2,174.59	-959.07	7,515.32	7,437.80	77.52	96.948		
12,700.00	6,840.00	6,804.60	6,803.17	183.47	1.81	-89.97	-2,174.59	-959.07	7,600.66	7,522.85	77.81	97.687		
12,800.00	6,840.00	6,804.63	6,803.20	186.10	1.81	-89.97	-2,174.59	-959.07	7,686.35	7,608.26	78.09	98.435		
12,900.00	6,840.00	6,804.66	6,803.24	188.74	1.81	-89.97	-2,174.59	-959.07	7,772.38	7,694.02	78.36	99.193		
13,000.00	6,840.00	6,804.69	6,803.27	191.37	1.81	-89.97	-2,174.59	-959.07	7,858.74	7,780.12	78.62	99.958		
13,100.00	6,840.00	6,804.72	6,803.30	194.01	1.81	-89.98	-2,174.59	-959.07	7,945.42	7,866.54	78.88	100.732		
13,200.00	6,840.00	6,804.76	6,803.33	196.65	1.81	-89.98	-2,174.59	-959.07	8,032.41	7,953.29	79.13	101.513		
13,300.00	6,840.00	6,804.79	6,803.36	199.29	1.81	-89.98	-2,174.59	-959.07	8,119.70	8,040.33	79.37	102.302		
13,400.00	6,840.00	6,804.82	6,803.39	201.93	1.81	-89.98	-2,174.59	-959.07	8,207.28	8,127.68	79.61	103.098		
13,500.00	6,840.00	6,804.85	6,803.43	204.58	1.81	-89.98	-2,174.59	-959.07	8,295.15	8,215.31	79.84	103.901		
13,600.00	6,840.00	6,804.88	6,803.46	207.22	1.81	-89.98	-2,174.59	-959.07	8,383.28	8,303.22	80.06	104.710		
13,700.00	6,840.00	6,804.92	6,803.49	209.87	1.81	-89.98	-2,174.59	-959.07	8,471.68	8,391.40	80.28	105.525		
13,800.00	6,840.00	6,804.95	6,803.52	212.52	1.81	-89.98	-2,174.59	-959.07	8,560.33	8,479.84	80.49	106.347		
13,900.00	6,840.00	6,804.98	6,803.55	215.18	1.81	-89.98	-2,174.59	-959.07	8,649.23	8,568.53	80.70	107.174		
14,000.00	6,840.00	6,805.01	6,803.59	217.83	1.81	-89.98	-2,174.59	-959.07	8,738.37	8,657.47	80.91	108.006		
14,100.00	6,840.00	6,805.04	6,803.62	220.49	1.81	-89.98	-2,174.59	-959.07	8,827.74	8,746.64	81.10	108.844		
14,200.00	6,840.00	6,805.07	6,803.65	223.15	1.81	-89.98	-2,174.59	-959.07	8,917.34	8,836.04	81.30	109.687		
14,300.00	6,840.00	6,805.11	6,803.68	225.81	1.81	-89.98	-2,174.59	-959.07	9,007.16	8,925.67	81.49	110.534		
14,400.00	6,840.00	6,805.14	6,803.71	228.47	1.81	-89.98	-2,174.59	-959.07	9,097.19	9,015.52	81.67	111.386		
14,500.00	6,840.00	6,805.17	6,803.74	231.13	1.81	-89.98	-2,174.59	-959.07	9,187.43	9,105.57	81.85	112.243		
14,600.00	6,840.00	6,805.20	6,803.78	233.79	1.81	-89.98	-2,174.59	-959.07	9,277.86	9,195.83	82.03	113.104		
14,700.00	6,840.00	6,805.23	6,803.81	236.46	1.81	-89.98	-2,174.59	-959.07	9,368.49	9,286.29	82.20	113.968		
14,800.00	6,840.00	6,805.27	6,803.84	239.12	1.81	-89.98	-2,174.59	-959.07	9,459.31	9,376.94	82.37	114.837		
14,900.00	6,840.00	6,805.30	6,803.87	241.79	1.81	-89.98	-2,174.59	-959.07	9,550.32	9,467.78	82.54	115.710		
15,000.00	6,840.00	6,805.33	6,803.91	244.46	1.81	-89.98	-2,174.59	-959.07	9,641.50	9,558.80	82.70	116.586		
15,100.00	6,840.00	6,805.36	6,803.94	247.13	1.81	-89.98	-2,174.59	-959.07	9,732.85	9,650.00	82.86	117.465		
15,200.00	6,840.00	6,805.39	6,803.97	249.80	1.81	-89.99	-2,174.59	-959.07	9,824.38	9,741.36	83.01	118.348		
15,300.00	6,840.00	6,805.43	6,804.00	252.47	1.81	-89.99	-2,174.59	-959.07	9,916.06	9,832.90	83.17	119.233		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-178.60	-2,072.89	-50.78	2,073.51					
100.00	100.00	97.30	97.30	0.13	0.17	-178.60	-2,072.93	-50.82	2,073.55	2,073.25	0.30	6,908.700		
200.00	200.00	195.58	195.58	0.49	0.33	-178.59	-2,073.05	-50.92	2,073.67	2,072.85	0.83	2,510.590		
300.00	300.00	293.86	293.86	0.85	0.50	-178.59	-2,073.25	-51.09	2,073.88	2,072.53	1.35	1,534.156		
400.00	400.00	394.93	394.93	1.21	0.81	-178.58	-2,073.48	-51.38	2,074.12	2,072.10	2.02	1,026.075		
500.00	499.98	496.99	496.99	1.57	1.18	-129.32	-2,073.62	-51.87	2,075.37	2,072.63	2.74	757.124		
600.00	599.84	598.95	598.95	1.93	1.54	-129.37	-2,073.65	-52.59	2,078.74	2,075.28	3.46	600.277		
700.00	699.45	700.72	700.71	2.29	1.90	-129.44	-2,073.57	-53.51	2,084.23	2,080.04	4.19	497.289		
800.00	798.70	788.01	788.00	2.67	2.21	-129.53	-2,073.67	-54.30	2,092.15	2,087.27	4.88	428.765		
900.00	897.47	884.81	884.79	3.07	2.56	-129.66	-2,074.17	-54.98	2,102.73	2,097.11	5.62	374.407		
1,000.00	995.62	985.48	985.46	3.50	2.92	-129.85	-2,074.65	-55.71	2,115.54	2,109.16	6.38	331.397		
1,100.00	1,093.06	1,081.26	1,081.24	3.97	3.26	-130.04	-2,075.11	-56.53	2,130.69	2,123.54	7.15	297.825		
1,200.00	1,189.64	1,178.87	1,178.84	4.47	3.61	-130.28	-2,075.60	-57.29	2,148.21	2,140.26	7.95	270.078		
1,300.00	1,285.27	1,275.60	1,275.56	5.01	3.96	-130.54	-2,076.00	-57.91	2,168.06	2,159.28	8.78	247.047		
1,400.00	1,379.82	1,369.05	1,369.02	5.61	4.30	-130.79	-2,076.45	-58.68	2,190.42	2,180.80	9.61	227.865		
1,500.00	1,473.17	1,464.20	1,464.15	6.25	4.64	-131.07	-2,076.81	-59.71	2,215.14	2,204.66	10.48	211.290		
1,600.00	1,565.21	1,546.32	1,546.27	6.96	4.93	-131.26	-2,077.32	-60.39	2,242.64	2,231.31	11.33	197.889		
1,700.00	1,656.01	1,627.13	1,627.08	7.72	5.21	-131.71	-2,078.09	-59.74	2,272.86	2,260.67	12.19	186.443		
1,800.00	1,746.60	1,751.87	1,751.76	8.50	5.62	-132.82	-2,078.56	-56.34	2,303.46	2,290.27	13.19	174.572		
1,900.00	1,837.19	1,861.39	1,861.18	9.30	5.99	-133.81	-2,076.99	-51.83	2,332.91	2,318.77	14.15	164.905		
2,000.00	1,927.79	1,936.71	1,936.35	10.12	6.24	-134.50	-2,075.98	-47.29	2,363.17	2,348.19	14.98	157.776		
2,100.00	2,018.38	2,020.18	2,019.54	10.93	6.52	-135.30	-2,074.99	-40.59	2,394.30	2,378.46	15.83	151.210		
2,200.00	2,108.97	2,121.02	2,119.89	11.76	6.87	-136.28	-2,073.29	-30.80	2,425.72	2,408.96	16.75	144.804		
2,300.00	2,199.56	2,214.48	2,212.70	12.59	7.19	-137.21	-2,071.21	-19.91	2,457.51	2,439.87	17.64	139.327		
2,400.00	2,290.15	2,328.35	2,325.77	13.43	7.60	-138.31	-2,067.77	-6.99	2,489.13	2,470.53	18.60	133.817		
2,500.00	2,380.75	2,413.05	2,409.96	14.26	7.90	-139.09	-2,064.84	1.83	2,520.80	2,501.35	19.45	129.606		
2,600.00	2,471.34	2,498.56	2,494.93	15.11	8.22	-139.87	-2,062.21	11.15	2,553.39	2,533.09	20.30	125.810		
2,700.00	2,561.93	2,594.03	2,589.81	15.95	8.57	-140.71	-2,058.90	21.13	2,586.06	2,564.88	21.18	122.118		
2,800.00	2,652.52	2,688.52	2,683.66	16.80	8.92	-141.54	-2,055.52	31.62	2,619.26	2,597.21	22.05	118.796		
2,900.00	2,743.12	2,766.87	2,761.46	17.64	9.21	-142.21	-2,052.39	40.25	2,652.59	2,629.74	22.85	116.088		
3,000.00	2,833.71	2,825.98	2,820.08	18.49	9.43	-142.73	-2,050.45	47.68	2,687.26	2,663.70	23.56	114.057		
3,100.00	2,924.30	2,930.81	2,923.99	19.35	9.84	-143.63	-2,047.04	61.02	2,722.49	2,698.03	24.46	111.298		
3,200.00	3,014.89	3,022.83	3,015.24	20.20	10.19	-144.39	-2,043.71	72.48	2,757.80	2,732.50	25.30	108.998		
3,300.00	3,105.48	3,108.85	3,100.63	21.05	10.52	-145.08	-2,040.77	82.42	2,793.49	2,767.38	26.11	106.987		
3,400.00	3,196.08	3,192.83	3,184.09	21.91	10.84	-145.71	-2,038.24	91.38	2,829.67	2,802.77	26.90	105.174		
3,500.00	3,286.67	3,296.40	3,287.02	22.76	11.24	-146.48	-2,034.97	102.42	2,866.13	2,838.34	27.78	103.171		
3,600.00	3,377.26	3,401.01	3,391.04	23.62	11.64	-147.22	-2,030.91	112.71	2,902.03	2,873.37	28.66	101.266		
3,700.00	3,467.85	3,471.46	3,461.05	24.47	11.91	-147.72	-2,028.21	120.06	2,938.52	2,909.15	29.37	100.036		
3,800.00	3,558.45	3,539.00	3,528.19	25.33	12.17	-148.18	-2,026.10	127.17	2,975.95	2,945.87	30.07	98.961		
3,900.00	3,649.04	3,613.15	3,601.91	26.19	12.46	-148.68	-2,024.28	134.86	3,014.17	2,983.38	30.79	97.886		
4,000.00	3,739.63	3,715.14	3,703.34	27.05	12.85	-149.35	-2,021.83	145.31	3,052.72	3,021.08	31.64	96.479		
4,100.00	3,830.22	3,801.82	3,789.55	27.90	13.19	-149.89	-2,019.55	153.96	3,091.26	3,058.85	32.41	95.371		
4,200.00	3,920.81	3,863.52	3,850.92	28.76	13.43	-150.28	-2,018.13	160.28	3,130.43	3,097.37	33.06	94.690		
4,300.00	4,011.41	3,939.33	3,926.20	29.62	13.72	-150.76	-2,016.62	169.08	3,170.54	3,136.78	33.77	93.891		
4,400.00	4,102.00	9,720.61	7,014.92	30.48	58.66	157.88	959.85	190.62	3,181.27	3,134.99	46.28	68.740		
4,500.00	4,192.59	9,753.54	7,015.18	31.34	59.19	157.12	992.75	189.37	3,111.62	3,063.65	47.97	64.864		
4,600.00	4,283.18	9,792.22	7,015.45	32.20	59.82	156.22	1,031.40	187.77	3,043.30	2,993.49	49.81	61.101		
4,700.00	4,373.78	9,830.94	7,015.68	33.06	60.45	155.31	1,070.07	185.99	2,976.38	2,924.65	51.74	57.527		
4,800.00	4,464.37	9,857.35	7,015.75	33.92	60.88	154.68	1,096.46	184.90	2,911.05	2,857.40	53.65	54.263		
4,900.00	4,554.96	9,885.02	7,015.75	34.78	61.33	154.02	1,124.12	183.91	2,847.44	2,791.78	55.67	51.153		
5,000.00	4,645.55	9,911.80	7,015.66	35.64	61.77	153.37	1,150.88	183.12	2,785.69	2,727.92	57.77	48.219		
5,100.00	4,736.14	9,934.28	7,015.56	36.51	62.14	152.83	1,173.36	182.55	2,725.96	2,666.03	59.92	45.491		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	9,956.72	7,015.48	37.37	62.51	152.28	1,195.78	182.04	2,668.40	2,606.23	62.16	42.925		
5,300.00	4,917.33	9,979.13	7,015.42	38.23	62.87	151.73	1,218.19	181.59	2,613.16	2,548.67	64.49	40.519		
5,400.00	5,007.92	10,002.00	7,015.37	39.09	63.25	151.17	1,241.06	181.19	2,560.39	2,493.48	66.91	38.266		
5,500.00	5,098.51	10,027.88	7,015.31	39.95	63.67	150.53	1,266.94	180.80	2,510.23	2,440.78	69.45	36.143		
5,600.00	5,189.11	10,054.11	7,015.24	40.81	64.10	149.87	1,293.16	180.45	2,462.81	2,390.73	72.07	34.171		
5,700.00	5,279.70	10,080.11	7,015.15	41.68	64.53	149.23	1,319.16	180.15	2,418.29	2,343.53	74.76	32.348		
5,800.00	5,370.29	10,106.51	7,015.05	42.54	64.97	148.56	1,345.56	179.87	2,376.85	2,299.35	77.50	30.668		
5,900.00	5,460.88	10,133.94	7,015.03	43.40	65.42	147.88	1,372.98	179.52	2,338.63	2,258.32	80.31	29.121		
6,000.00	5,551.47	10,162.09	7,015.09	44.26	65.88	147.17	1,401.13	179.10	2,303.78	2,220.63	83.15	27.707		
6,100.00	5,642.07	10,190.55	7,015.24	45.13	66.35	146.45	1,429.59	178.59	2,272.45	2,186.44	86.00	26.422		
6,200.00	5,732.66	10,218.43	7,015.41	45.99	66.81	145.75	1,457.46	178.09	2,244.77	2,155.93	88.84	25.267		
6,300.00	5,823.25	10,246.36	7,015.60	46.85	67.28	145.05	1,485.39	177.59	2,220.89	2,129.24	91.66	24.231		
6,400.00	5,913.84	10,274.35	7,015.79	47.72	67.74	144.34	1,513.37	177.09	2,200.94	2,106.52	94.42	23.310		
6,500.00	6,004.44	10,298.81	7,015.95	48.58	68.15	143.72	1,537.83	176.70	2,185.04	2,087.99	97.04	22.516		
6,600.00	6,095.03	10,323.28	7,016.07	49.44	68.55	143.10	1,562.30	176.38	2,173.30	2,073.73	99.57	21.827		
6,700.00	6,185.62	10,347.41	7,016.16	50.30	68.95	142.49	1,586.43	176.12	2,165.80	2,063.83	101.98	21.238		
6,800.00	6,276.21	10,370.25	7,016.22	51.17	69.33	141.91	1,609.27	175.95	2,162.60	2,058.38	104.22	20.750		
6,823.92	6,297.88	10,375.38	7,016.24	51.37	69.42	141.78	1,614.40	175.92	2,162.48	2,057.74	104.73	20.648		
6,900.00	6,366.80	10,391.64	7,016.28	52.03	69.69	141.36	1,630.66	175.85	2,163.73	2,057.45	106.28	20.358 ES		
7,000.00	6,457.40	10,412.90	7,016.34	52.89	70.04	140.82	1,651.91	175.81	2,169.20	2,061.03	108.18	20.052		
7,100.00	6,545.60	10,433.46	7,016.39	53.85	70.38	150.46	1,672.48	175.85	2,185.62	2,075.73	109.89	19.888 SF		
7,200.00	6,626.13	10,452.73	7,016.45	55.05	70.70	156.97	1,691.74	175.93	2,222.60	2,111.20	111.40	19.951		
7,300.00	6,696.49	10,478.97	7,016.53	56.46	71.14	160.67	1,717.98	176.05	2,278.20	2,165.31	112.89	20.181		
7,400.00	6,754.56	10,501.02	7,016.61	58.05	71.51	163.01	1,740.04	176.11	2,349.52	2,235.46	114.06	20.599		
7,500.00	6,798.57	10,518.15	7,016.67	59.78	71.79	164.63	1,757.16	176.13	2,433.25	2,318.32	114.92	21.173		
7,600.00	6,827.18	10,529.70	7,016.72	61.58	71.99	166.20	1,768.71	176.12	2,525.81	2,410.33	115.48	21.873		
7,700.00	6,839.51	10,535.16	7,016.74	63.39	72.08	170.82	1,774.18	176.12	2,623.69	2,507.95	115.74	22.668		
7,800.00	6,840.00	10,536.07	7,016.75	65.19	72.09	175.32	1,775.08	176.12	2,723.43	2,607.62	115.81	23.517		
7,900.00	6,840.00	10,536.80	7,016.75	67.04	72.11	175.09	1,775.81	176.12	2,823.22	2,707.36	115.86	24.367		
8,000.00	6,840.00	10,537.54	7,016.75	68.95	72.12	174.85	1,776.56	176.11	2,923.03	2,807.11	115.92	25.217		
8,100.00	6,840.00	10,538.31	7,016.76	70.91	72.13	174.61	1,777.32	176.11	3,022.85	2,906.88	115.97	26.066		
8,200.00	6,840.00	10,539.08	7,016.76	72.91	72.14	174.36	1,778.10	176.11	3,122.68	3,006.65	116.02	26.914		
8,300.00	6,840.00	10,539.88	7,016.76	74.96	72.16	174.11	1,778.89	176.11	3,222.52	3,106.44	116.08	27.762		
8,400.00	6,840.00	10,540.69	7,016.77	77.05	72.17	173.85	1,779.71	176.11	3,322.37	3,206.24	116.13	28.609		
8,500.00	6,840.00	10,541.53	7,016.77	79.18	72.18	173.58	1,780.54	176.11	3,422.23	3,306.04	116.19	29.455		
8,600.00	6,840.00	10,542.38	7,016.77	81.34	72.20	173.31	1,781.39	176.11	3,522.09	3,405.85	116.24	30.300		
8,700.00	6,840.00	10,543.25	7,016.78	83.54	72.21	173.04	1,782.26	176.11	3,621.97	3,505.67	116.30	31.145		
8,800.00	6,840.00	10,544.14	7,016.78	85.76	72.23	172.75	1,783.15	176.10	3,721.85	3,605.50	116.35	31.988		
8,900.00	6,840.00	10,545.05	7,016.78	88.02	72.24	172.46	1,784.07	176.10	3,821.74	3,705.33	116.41	32.831		
9,000.00	6,840.00	10,545.99	7,016.79	90.30	72.26	172.17	1,785.00	176.10	3,921.63	3,805.16	116.46	33.672		
9,100.00	6,840.00	10,546.95	7,016.79	92.60	72.27	171.86	1,785.96	176.10	4,021.53	3,905.00	116.52	34.513		
9,200.00	6,840.00	10,547.93	7,016.80	94.93	72.29	171.55	1,786.94	176.10	4,121.43	4,004.85	116.58	35.353		
9,300.00	6,840.00	10,548.94	7,016.80	97.28	72.31	171.24	1,787.95	176.09	4,221.34	4,104.70	116.64	36.191		
9,400.00	6,840.00	10,549.97	7,016.80	99.65	72.33	170.91	1,788.98	176.09	4,321.25	4,204.55	116.70	37.028		
9,500.00	6,840.00	10,551.03	7,016.81	102.03	72.34	170.58	1,790.04	176.09	4,421.16	4,304.40	116.76	37.864		
9,600.00	6,840.00	10,552.12	7,016.81	104.43	72.36	170.24	1,791.13	176.09	4,521.08	4,404.26	116.83	38.699		
9,700.00	6,840.00	10,553.23	7,016.82	106.85	72.38	169.89	1,792.25	176.08	4,621.00	4,504.11	116.89	39.533		
9,800.00	6,840.00	10,554.38	7,016.82	109.29	72.40	169.53	1,793.39	176.08	4,720.93	4,603.97	116.95	40.365		
9,900.00	6,840.00	10,555.55	7,016.83	111.73	72.42	169.17	1,794.57	176.08	4,820.86	4,703.84	117.02	41.196		
10,000.00	6,840.00	10,556.76	7,016.83	114.19	72.44	168.79	1,795.78	176.07	4,920.79	4,803.70	117.09	42.026		
10,100.00	6,840.00	10,558.01	7,016.84	116.66	72.46	168.41	1,797.02	176.07	5,020.72	4,903.56	117.16	42.854		
10,200.00	6,840.00	10,550.13	7,016.81	119.15	72.33	170.86	1,789.14	176.10	5,120.67	5,003.72	116.95	43.785		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,550.64	7,016.81	121.64	72.34	170.70	1,789.66	176.09	5,220.61	5,103.61	117.00	44.621		
10,400.00	6,840.00	10,551.16	7,016.81	124.14	72.35	170.54	1,790.17	176.09	5,320.55	5,203.50	117.05	45.457		
10,500.00	6,840.00	10,551.68	7,016.81	126.65	72.35	170.38	1,790.69	176.09	5,420.49	5,303.40	117.09	46.292		
10,600.00	6,840.00	10,552.19	7,016.82	129.18	72.36	170.22	1,791.20	176.09	5,520.44	5,403.29	117.14	47.126		
10,700.00	6,840.00	10,552.70	7,016.82	131.70	72.37	170.06	1,791.71	176.09	5,620.38	5,503.19	117.19	47.959		
10,800.00	6,840.00	10,553.21	7,016.82	134.24	72.38	169.90	1,792.22	176.09	5,720.33	5,603.09	117.24	48.792		
10,900.00	6,840.00	10,553.72	7,016.82	136.79	72.39	169.74	1,792.73	176.09	5,820.28	5,703.00	117.29	49.623		
11,000.00	6,840.00	10,554.22	7,016.83	139.34	72.40	169.58	1,793.24	176.09	5,920.24	5,802.90	117.34	50.454		
11,100.00	6,840.00	10,554.73	7,016.83	141.90	72.41	169.43	1,793.74	176.09	6,020.19	5,902.80	117.39	51.284		
11,200.00	6,840.00	10,555.23	7,016.83	144.46	72.41	169.27	1,794.24	176.09	6,120.15	6,002.71	117.44	52.113		
11,300.00	6,840.00	10,555.73	7,016.83	147.03	72.42	169.11	1,794.74	176.09	6,220.10	6,102.61	117.49	52.942		
11,400.00	6,840.00	10,556.23	7,016.84	149.60	72.43	168.96	1,795.24	176.09	6,320.06	6,202.52	117.54	53.769		
11,500.00	6,840.00	10,556.73	7,016.84	152.18	72.44	168.81	1,795.74	176.09	6,420.02	6,302.43	117.59	54.596		
11,600.00	6,840.00	10,557.22	7,016.84	154.77	72.45	168.65	1,796.24	176.09	6,519.98	6,402.34	117.64	55.421		
11,700.00	6,840.00	10,557.72	7,016.84	157.36	72.46	168.50	1,796.73	176.09	6,619.94	6,502.25	117.70	56.246		
11,800.00	6,840.00	10,558.21	7,016.85	159.95	72.46	168.35	1,797.22	176.09	6,719.91	6,602.16	117.75	57.070		
11,900.00	6,840.00	10,558.70	7,016.85	162.55	72.47	168.20	1,797.71	176.08	6,819.87	6,702.07	117.80	57.893		
12,000.00	6,840.00	10,559.19	7,016.85	165.16	72.48	168.05	1,798.20	176.08	6,919.84	6,801.98	117.85	58.715		
12,100.00	6,840.00	10,559.68	7,016.85	167.76	72.49	167.90	1,798.69	176.08	7,019.80	6,901.89	117.91	59.536		
12,200.00	6,840.00	10,560.16	7,016.86	170.37	72.50	167.75	1,799.17	176.08	7,119.77	7,001.81	117.96	60.357		
12,300.00	6,840.00	10,560.65	7,016.86	172.99	72.50	167.60	1,799.66	176.08	7,219.74	7,101.72	118.02	61.176		
12,400.00	6,840.00	10,561.13	7,016.86	175.60	72.51	167.45	1,800.14	176.08	7,319.70	7,201.63	118.07	61.994		
12,500.00	6,840.00	10,561.61	7,016.86	178.23	72.52	167.30	1,800.62	176.08	7,419.67	7,301.55	118.13	62.812		
12,600.00	6,840.00	10,562.09	7,016.86	180.85	72.53	167.16	1,801.10	176.08	7,519.64	7,401.46	118.18	63.628		
12,700.00	6,840.00	10,562.57	7,016.87	183.47	72.54	167.01	1,801.58	176.08	7,619.62	7,501.38	118.24	64.444		
12,800.00	6,840.00	10,563.04	7,016.87	186.10	72.54	166.86	1,802.05	176.08	7,719.59	7,601.29	118.29	65.258		
12,900.00	6,840.00	10,563.52	7,016.87	188.74	72.55	166.72	1,802.53	176.08	7,819.56	7,701.21	118.35	66.072		
13,000.00	6,840.00	10,563.99	7,016.87	191.37	72.56	166.58	1,803.00	176.08	7,919.53	7,801.13	118.41	66.884		
13,100.00	6,840.00	10,564.46	7,016.88	194.01	72.57	166.43	1,803.47	176.08	8,019.51	7,901.04	118.46	67.696		
13,200.00	6,840.00	10,564.93	7,016.88	196.65	72.58	166.29	1,803.94	176.08	8,119.48	8,000.96	118.52	68.506		
13,300.00	6,840.00	10,565.40	7,016.88	199.29	72.58	166.15	1,804.41	176.08	8,219.46	8,100.88	118.58	69.316		
13,400.00	6,840.00	10,565.86	7,016.88	201.93	72.59	166.01	1,804.88	176.08	8,319.43	8,200.79	118.64	70.124		
13,500.00	6,840.00	10,566.33	7,016.89	204.58	72.60	165.87	1,805.34	176.08	8,419.41	8,300.71	118.70	70.932		
13,600.00	6,840.00	10,566.79	7,016.89	207.22	72.61	165.73	1,805.80	176.08	8,519.38	8,400.63	118.76	71.738		
13,700.00	6,840.00	10,567.25	7,016.89	209.87	72.61	165.59	1,806.27	176.08	8,619.36	8,500.54	118.82	72.544		
13,800.00	6,840.00	10,567.71	7,016.89	212.52	72.62	165.45	1,806.73	176.07	8,719.34	8,600.46	118.88	73.348		
13,900.00	6,840.00	10,568.17	7,016.90	215.18	72.63	165.31	1,807.19	176.07	8,819.32	8,700.38	118.94	74.152		
14,000.00	6,840.00	10,568.63	7,016.90	217.83	72.64	165.17	1,807.64	176.07	8,919.29	8,800.30	119.00	74.954		
14,100.00	6,840.00	10,569.09	7,016.90	220.49	72.65	165.03	1,808.10	176.07	9,019.27	8,900.22	119.06	75.755		
14,200.00	6,840.00	10,569.54	7,016.90	223.15	72.65	164.90	1,808.55	176.07	9,119.25	9,000.13	119.12	76.555		
14,300.00	6,840.00	10,569.99	7,016.91	225.81	72.66	164.76	1,809.01	176.07	9,219.23	9,100.05	119.18	77.355		
14,400.00	6,840.00	10,570.44	7,016.91	228.47	72.67	164.63	1,809.46	176.07	9,319.21	9,199.97	119.24	78.153		
14,500.00	6,840.00	10,570.89	7,016.91	231.13	72.68	164.49	1,809.91	176.07	9,419.19	9,299.89	119.31	78.950		
14,600.00	6,840.00	10,571.34	7,016.91	233.79	72.68	164.36	1,810.36	176.07	9,519.17	9,399.80	119.37	79.746		
14,700.00	6,840.00	10,571.79	7,016.92	236.46	72.69	164.23	1,810.80	176.07	9,619.16	9,499.72	119.43	80.540		
14,800.00	6,840.00	10,572.24	7,016.92	239.12	72.70	164.09	1,811.25	176.07	9,719.14	9,599.64	119.50	81.334		
14,900.00	6,840.00	10,572.68	7,016.92	241.79	72.71	163.96	1,811.69	176.07	9,819.12	9,699.56	119.56	82.127		
15,000.00	6,840.00	10,573.12	7,016.92	244.46	72.71	163.83	1,812.13	176.07	9,919.10	9,799.48	119.63	82.918		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-177.86	-2,072.89	-77.29	2,074.33					
100.00	100.00	97.00	97.00	0.13	0.17	-177.86	-2,072.89	-77.29	2,074.33	2,074.03	0.30	6,918.944		
200.00	200.00	197.00	197.00	0.49	0.34	-177.86	-2,072.89	-77.29	2,074.33	2,073.50	0.83	2,502.908		
300.00	300.00	297.00	297.00	0.85	0.51	-177.86	-2,072.89	-77.29	2,074.33	2,072.98	1.36	1,527.791		
400.00	400.00	395.80	395.80	1.21	0.80	-177.86	-2,072.91	-77.30	2,074.35	2,072.35	2.00	1,034.638		
500.00	499.98	494.05	494.05	1.57	1.14	-128.62	-2,073.01	-77.37	2,075.54	2,072.84	2.70	767.807		
600.00	599.84	592.17	592.17	1.93	1.48	-128.67	-2,073.18	-77.48	2,079.00	2,075.59	3.40	610.808		
700.00	699.45	690.05	690.05	2.29	1.82	-128.76	-2,073.44	-77.64	2,084.73	2,080.62	4.11	507.170		
800.00	798.70	779.28	779.27	2.67	2.13	-128.85	-2,073.93	-78.12	2,092.97	2,088.17	4.80	436.380		
900.00	897.47	877.48	877.47	3.07	2.47	-128.99	-2,074.73	-78.96	2,103.70	2,098.17	5.53	380.434		
1,000.00	995.62	976.76	976.74	3.50	2.82	-129.17	-2,075.49	-79.73	2,116.65	2,110.36	6.28	336.789		
1,100.00	1,093.06	1,068.24	1,068.22	3.97	3.14	-129.35	-2,076.29	-80.52	2,132.00	2,124.96	7.04	303.010		
1,200.00	1,189.64	1,159.79	1,159.75	4.47	3.47	-129.54	-2,077.35	-81.51	2,149.94	2,142.13	7.81	275.267		
1,300.00	1,285.27	1,305.39	1,305.35	5.01	3.97	-130.09	-2,077.49	-82.48	2,169.24	2,160.45	8.79	246.650		
1,400.00	1,379.82	1,412.23	1,412.17	5.61	4.34	-130.49	-2,075.81	-82.38	2,189.38	2,179.71	9.67	226.440		
1,500.00	1,473.17	1,502.14	1,502.08	6.25	4.65	-130.80	-2,074.43	-82.23	2,212.10	2,201.59	10.51	210.454		
1,600.00	1,565.21	1,589.89	1,589.82	6.96	4.95	-131.09	-2,073.24	-82.08	2,237.54	2,226.16	11.38	196.681		
1,700.00	1,656.01	1,675.85	1,675.77	7.72	5.25	-131.58	-2,072.28	-82.05	2,265.54	2,253.28	12.26	184.763		
1,800.00	1,746.60	1,771.89	1,771.81	8.50	5.59	-132.38	-2,071.33	-82.17	2,294.38	2,281.19	13.19	173.951		
1,900.00	1,837.19	1,883.73	1,883.63	9.30	5.98	-133.27	-2,069.49	-82.64	2,322.97	2,308.79	14.18	163.814		
2,000.00	1,927.79	1,965.12	1,965.00	10.12	6.26	-133.90	-2,067.79	-83.13	2,351.54	2,336.48	15.06	156.168		
2,100.00	2,018.38	2,033.03	2,032.90	10.93	6.50	-134.42	-2,066.97	-83.33	2,381.28	2,365.40	15.88	149.956		
2,200.00	2,108.97	2,105.00	2,104.87	11.76	6.75	-134.97	-2,066.81	-83.31	2,412.26	2,395.55	16.71	144.349		
2,300.00	2,199.56	2,189.30	2,189.18	12.59	7.04	-135.59	-2,067.04	-83.13	2,444.06	2,426.48	17.58	138.991		
2,400.00	2,290.15	2,279.81	2,279.68	13.43	7.36	-136.25	-2,067.29	-82.93	2,476.19	2,457.72	18.48	134.015		
2,500.00	2,380.75	2,375.74	2,375.61	14.26	7.69	-136.93	-2,067.47	-82.81	2,508.54	2,489.16	19.39	129.385		
2,600.00	2,471.34	2,472.25	2,472.12	15.11	8.03	-137.60	-2,067.45	-82.86	2,540.99	2,520.69	20.30	125.187		
2,700.00	2,561.93	2,564.25	2,564.12	15.95	8.35	-138.22	-2,067.25	-82.63	2,573.59	2,552.41	21.18	121.494		
2,800.00	2,652.52	2,656.23	2,656.10	16.80	8.67	-138.85	-2,066.88	-81.82	2,606.42	2,584.36	22.06	118.144		
2,900.00	2,743.12	2,748.00	2,747.86	17.64	8.99	-139.46	-2,066.42	-80.80	2,639.49	2,616.56	22.93	115.094		
3,000.00	2,833.71	2,839.82	2,839.67	18.49	9.31	-140.06	-2,065.92	-79.80	2,672.79	2,648.99	23.80	112.302		
3,100.00	2,924.30	2,925.06	2,924.91	19.35	9.61	-140.60	-2,065.56	-78.99	2,706.43	2,681.80	24.63	109.862		
3,200.00	3,014.89	3,011.59	3,011.44	20.20	9.92	-141.13	-2,065.36	-78.32	2,740.46	2,714.99	25.47	107.597		
3,300.00	3,105.48	3,101.46	3,101.30	21.05	10.23	-141.67	-2,065.26	-77.75	2,774.80	2,748.49	26.31	105.447		
3,400.00	3,196.08	3,191.63	3,191.47	21.91	10.55	-142.19	-2,065.18	-77.25	2,809.39	2,782.23	27.16	103.452		
3,500.00	3,286.67	3,284.83	3,284.67	22.76	10.88	-142.73	-2,065.01	-76.55	2,844.15	2,816.15	28.01	101.553		
3,600.00	3,377.26	3,377.86	3,377.69	23.62	11.21	-143.26	-2,064.64	-75.46	2,879.05	2,850.20	28.85	99.792		
3,700.00	3,467.85	3,459.58	3,459.40	24.47	11.50	-143.71	-2,064.44	-74.50	2,914.27	2,884.63	29.64	98.326		
3,800.00	3,558.45	3,542.72	3,542.55	25.33	11.79	-144.16	-2,064.48	-73.71	2,949.92	2,919.49	30.43	96.943		
3,900.00	3,649.04	3,666.47	3,666.29	26.19	12.22	-144.79	-2,064.29	-73.58	2,985.37	2,953.97	31.40	95.073		
4,000.00	3,739.63	3,766.92	3,766.73	27.05	12.57	-145.27	-2,063.59	-74.75	3,020.16	2,987.89	32.26	93.605		
4,100.00	3,830.22	3,846.93	3,846.73	27.90	12.85	-145.64	-2,063.32	-76.09	3,055.30	3,022.27	33.03	92.495		
4,200.00	3,920.81	3,930.38	3,930.16	28.76	13.13	-146.00	-2,063.43	-77.73	3,090.91	3,057.09	33.81	91.413		
4,300.00	4,011.41	4,021.77	4,021.54	29.62	13.45	-146.40	-2,063.48	-79.10	3,126.72	3,092.09	34.63	90.301		
4,400.00	4,102.00	9,714.19	7,006.60	30.48	58.79	160.43	966.76	-89.30	3,073.75	3,030.40	43.35	70.904		
4,500.00	4,192.59	9,747.90	7,006.49	31.34	59.34	159.56	1,000.46	-90.16	2,998.72	2,953.82	44.90	66.790		
4,600.00	4,283.18	9,788.58	7,006.36	32.20	60.00	158.50	1,041.12	-91.52	2,924.84	2,878.24	46.60	62.759		
4,700.00	4,373.78	9,833.37	7,006.35	33.06	60.74	157.33	1,085.84	-93.94	2,852.12	2,803.68	48.44	58.875		
4,800.00	4,464.37	9,861.64	7,006.37	33.92	61.20	156.58	1,114.05	-95.79	2,780.68	2,730.45	50.23	55.360		
4,900.00	4,554.96	9,884.22	7,006.32	34.78	61.57	155.98	1,136.60	-96.99	2,710.79	2,658.72	52.07	52.062		
5,000.00	4,645.55	9,905.83	7,006.21	35.64	61.93	155.40	1,158.18	-97.88	2,642.59	2,588.58	54.01	48.929		
5,100.00	4,736.14	9,926.51	7,006.04	36.51	62.27	154.84	1,178.86	-98.50	2,576.24	2,520.19	56.05	45.962		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	9,945.75	7,005.86	37.37	62.58	154.31	1,198.09	-98.89	2,511.90	2,453.71	58.19	43.167		
5,300.00	4,917.33	9,964.74	7,005.73	38.23	62.90	153.78	1,217.08	-99.23	2,449.74	2,389.31	60.43	40.536		
5,400.00	5,007.92	9,983.93	7,005.64	39.09	63.21	153.25	1,236.27	-99.52	2,389.93	2,327.14	62.79	38.063		
5,500.00	5,098.51	10,003.34	7,005.60	39.95	63.53	152.71	1,255.67	-99.76	2,332.64	2,267.39	65.25	35.749		
5,600.00	5,189.11	10,023.00	7,005.60	40.81	63.86	152.16	1,275.34	-99.95	2,278.07	2,210.25	67.82	33.591		
5,700.00	5,279.70	10,050.23	7,005.62	41.68	64.30	151.40	1,302.57	-100.13	2,226.35	2,155.75	70.60	31.534		
5,800.00	5,370.29	10,076.82	7,005.55	42.54	64.74	150.64	1,329.16	-100.21	2,177.66	2,104.19	73.47	29.639		
5,900.00	5,460.88	10,102.72	7,005.43	43.40	65.17	149.91	1,355.06	-100.18	2,132.21	2,055.80	76.42	27.902		
6,000.00	5,551.47	10,126.77	7,005.26	44.26	65.57	149.22	1,379.10	-100.07	2,090.24	2,010.85	79.39	26.328		
6,100.00	5,642.07	10,149.86	7,005.09	45.13	65.95	148.56	1,402.19	-99.91	2,051.98	1,969.59	82.39	24.907		
6,200.00	5,732.66	10,172.79	7,004.91	45.99	66.32	147.90	1,425.12	-99.69	2,017.65	1,932.25	85.40	23.627		
6,300.00	5,823.25	10,195.54	7,004.74	46.85	66.70	147.24	1,447.87	-99.41	1,987.46	1,899.07	88.39	22.484		
6,400.00	5,913.84	10,215.79	7,004.58	47.72	67.03	146.66	1,468.11	-99.10	1,961.61	1,870.32	91.29	21.487		
6,500.00	6,004.44	10,234.75	7,004.45	48.58	67.35	146.11	1,487.07	-98.74	1,940.31	1,846.23	94.09	20.623		
6,600.00	6,095.03	10,253.59	7,004.32	49.44	67.66	145.56	1,505.90	-98.30	1,923.73	1,826.96	96.77	19.879		
6,700.00	6,185.62	10,272.29	7,004.20	50.30	67.97	145.02	1,524.60	-97.79	1,911.97	1,812.66	99.31	19.252		
6,800.00	6,276.21	10,292.00	7,004.09	51.17	68.29	144.45	1,544.30	-97.16	1,905.15	1,803.43	101.72	18.729		
6,887.72	6,355.68	10,310.26	7,003.99	51.92	68.59	143.92	1,562.54	-96.53	1,903.25	1,799.54	103.71	18.352 CC		
6,900.00	6,366.80	10,312.99	7,003.97	52.03	68.64	143.84	1,565.28	-96.43	1,903.28	1,799.30	103.98	18.304 ES		
7,000.00	6,457.40	10,335.18	7,003.84	52.89	69.00	143.19	1,587.45	-95.61	1,906.36	1,800.29	106.07	17.972		
7,100.00	6,545.60	10,356.40	7,003.71	53.85	69.35	152.78	1,608.66	-94.78	1,921.00	1,813.07	107.93	17.798 SF		
7,200.00	6,626.13	10,375.03	7,003.59	55.05	69.66	159.39	1,627.27	-94.02	1,956.82	1,847.32	109.50	17.871		
7,300.00	6,696.49	10,390.37	7,003.49	56.46	69.91	163.66	1,642.59	-93.36	2,011.85	1,901.13	110.72	18.170		
7,400.00	6,754.56	10,402.02	7,003.41	58.05	70.11	166.90	1,654.23	-92.85	2,083.06	1,971.46	111.60	18.665		
7,500.00	6,798.57	10,409.76	7,003.36	59.78	70.23	170.15	1,661.96	-92.50	2,166.89	2,054.72	112.17	19.318		
7,600.00	6,827.18	10,413.45	7,003.33	61.58	70.29	175.38	1,665.65	-92.33	2,259.58	2,147.12	112.47	20.091		
7,700.00	6,839.51	10,413.09	7,003.33	63.39	70.29	-165.53	1,665.29	-92.35	2,357.49	2,244.95	112.54	20.948		
7,800.00	6,840.00	10,409.89	7,003.36	65.19	70.24	-149.08	1,662.10	-92.49	2,457.13	2,344.66	112.47	21.847		
7,900.00	6,840.00	10,406.64	7,003.38	67.04	70.18	-148.27	1,658.85	-92.64	2,556.83	2,444.44	112.39	22.749		
8,000.00	6,840.00	10,403.44	7,003.40	68.95	70.13	-147.49	1,655.65	-92.78	2,656.54	2,544.23	112.32	23.652		
8,100.00	6,840.00	10,400.29	7,003.42	70.91	70.08	-146.73	1,652.50	-92.93	2,756.28	2,644.03	112.24	24.557		
8,200.00	6,840.00	10,397.20	7,003.45	72.91	70.03	-145.99	1,649.41	-93.06	2,856.02	2,743.85	112.17	25.462		
8,300.00	6,840.00	10,394.15	7,003.47	74.96	69.98	-145.28	1,646.37	-93.20	2,955.78	2,843.68	112.10	26.368		
8,400.00	6,840.00	10,391.15	7,003.49	77.05	69.93	-144.59	1,643.37	-93.33	3,055.55	2,943.53	112.02	27.276		
8,500.00	6,840.00	10,388.20	7,003.51	79.18	69.88	-143.93	1,640.42	-93.46	3,155.33	3,043.38	111.95	28.184		
8,600.00	6,840.00	10,382.00	7,003.55	81.34	69.78	-142.57	1,634.23	-93.72	3,255.13	3,143.34	111.78	29.120		
8,700.00	6,840.00	10,382.00	7,003.55	83.54	69.78	-142.57	1,634.23	-93.72	3,354.92	3,243.12	111.81	30.007		
8,800.00	6,840.00	10,382.00	7,003.55	85.76	69.78	-142.57	1,634.23	-93.72	3,454.73	3,342.91	111.83	30.893		
8,900.00	6,840.00	10,376.74	7,003.58	88.02	69.69	-141.45	1,628.97	-93.94	3,554.55	3,442.86	111.69	31.826		
9,000.00	6,840.00	10,373.95	7,003.60	90.30	69.64	-140.87	1,626.19	-94.06	3,654.37	3,542.75	111.62	32.738		
9,100.00	6,840.00	10,371.20	7,003.62	92.60	69.60	-140.31	1,623.44	-94.18	3,754.20	3,642.64	111.56	33.651		
9,200.00	6,840.00	10,368.49	7,003.64	94.93	69.55	-139.77	1,620.73	-94.29	3,854.04	3,742.54	111.50	34.565		
9,300.00	6,840.00	10,365.82	7,003.65	97.28	69.51	-139.24	1,618.06	-94.40	3,953.88	3,842.44	111.44	35.479		
9,400.00	6,840.00	10,363.18	7,003.67	99.65	69.47	-138.72	1,615.43	-94.51	4,053.73	3,942.35	111.39	36.394		
9,500.00	6,840.00	10,360.59	7,003.69	102.03	69.42	-138.23	1,612.84	-94.61	4,153.58	4,042.25	111.33	37.309		
9,600.00	6,840.00	10,358.02	7,003.70	104.43	69.38	-137.74	1,610.27	-94.71	4,253.44	4,142.17	111.28	38.224		
9,700.00	6,840.00	10,355.50	7,003.72	106.85	69.34	-137.27	1,607.75	-94.82	4,353.30	4,242.08	111.22	39.140		
9,800.00	6,840.00	10,353.00	7,003.74	109.29	69.30	-136.82	1,605.26	-94.92	4,453.17	4,342.00	111.17	40.056		
9,900.00	6,840.00	10,350.54	7,003.75	111.73	69.26	-136.38	1,602.80	-95.01	4,553.04	4,441.92	111.12	40.973		
10,000.00	6,840.00	10,348.12	7,003.77	114.19	69.22	-135.94	1,600.38	-95.11	4,652.91	4,541.84	111.08	41.890		
10,100.00	6,840.00	10,345.72	7,003.78	116.66	69.18	-135.53	1,597.98	-95.20	4,752.79	4,641.76	111.03	42.807		
10,200.00	6,840.00	10,343.36	7,003.80	119.15	69.14	-135.12	1,595.62	-95.29	4,852.67	4,741.69	110.98	43.724		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,341.03	7,003.81	121.64	69.10	-134.72	1,593.29	-95.38	4,952.55	4,841.61	110.94	44.641	
10,400.00	6,840.00	10,338.72	7,003.82	124.14	69.06	-134.34	1,590.99	-95.47	5,052.44	4,941.54	110.90	45.559	
10,500.00	6,840.00	10,336.45	7,003.84	126.65	69.02	-133.96	1,588.72	-95.56	5,152.33	5,041.47	110.86	46.476	
10,600.00	6,840.00	10,334.21	7,003.85	129.18	68.99	-133.59	1,586.48	-95.65	5,252.22	5,141.40	110.82	47.394	
10,700.00	6,840.00	10,332.00	7,003.86	131.70	68.95	-133.24	1,584.27	-95.73	5,352.12	5,241.34	110.78	48.312	
10,800.00	6,840.00	10,329.81	7,003.88	134.24	68.91	-132.89	1,582.08	-95.81	5,452.02	5,341.27	110.75	49.229	
10,900.00	6,840.00	10,327.65	7,003.89	136.79	68.88	-132.55	1,579.93	-95.89	5,551.92	5,441.20	110.71	50.147	
11,000.00	6,840.00	10,325.52	7,003.90	139.34	68.84	-132.22	1,577.80	-95.97	5,651.82	5,541.14	110.68	51.065	
11,100.00	6,840.00	10,323.42	7,003.91	141.90	68.81	-131.90	1,575.69	-96.05	5,751.72	5,641.07	110.65	51.982	
11,200.00	6,840.00	10,321.34	7,003.93	144.46	68.78	-131.58	1,573.62	-96.13	5,851.63	5,741.01	110.62	52.899	
11,300.00	6,840.00	10,319.28	7,003.94	147.03	68.74	-131.28	1,571.56	-96.20	5,951.54	5,840.95	110.59	53.816	
11,400.00	6,840.00	10,317.26	7,003.95	149.60	68.71	-130.98	1,569.54	-96.28	6,051.45	5,940.89	110.56	54.733	
11,500.00	6,840.00	10,315.25	7,003.96	152.18	68.67	-130.69	1,567.54	-96.35	6,151.36	6,040.82	110.54	55.650	
11,600.00	6,840.00	10,313.27	7,003.97	154.77	68.64	-130.40	1,565.56	-96.42	6,251.28	6,140.76	110.51	56.567	
11,700.00	6,840.00	10,311.32	7,003.98	157.36	68.61	-130.12	1,563.60	-96.49	6,351.19	6,240.70	110.49	57.483	
11,800.00	6,840.00	10,309.39	7,003.99	159.95	68.58	-129.85	1,561.67	-96.56	6,451.11	6,340.64	110.47	58.399	
11,900.00	6,840.00	10,307.48	7,004.01	162.55	68.55	-129.59	1,559.77	-96.63	6,551.03	6,440.58	110.45	59.314	
12,000.00	6,840.00	10,305.59	7,004.02	165.16	68.52	-129.33	1,557.88	-96.69	6,650.95	6,540.52	110.43	60.230	
12,100.00	6,840.00	10,292.00	7,004.09	167.76	68.29	-127.54	1,544.30	-97.16	6,750.89	6,640.84	110.05	61.342	
12,200.00	6,840.00	10,292.00	7,004.09	170.37	68.29	-127.54	1,544.30	-97.16	6,850.81	6,740.71	110.09	62.228	
12,300.00	6,840.00	10,292.00	7,004.09	172.99	68.29	-127.54	1,544.30	-97.16	6,950.73	6,840.60	110.13	63.113	
12,400.00	6,840.00	10,292.00	7,004.09	175.60	68.29	-127.54	1,544.30	-97.16	7,050.65	6,940.48	110.17	63.997	
12,500.00	6,840.00	10,292.00	7,004.09	178.23	68.29	-127.54	1,544.30	-97.16	7,150.58	7,040.36	110.21	64.880	
12,600.00	6,840.00	10,292.00	7,004.09	180.85	68.29	-127.54	1,544.30	-97.16	7,250.50	7,140.25	110.25	65.762	
12,700.00	6,840.00	10,292.00	7,004.09	183.47	68.29	-127.54	1,544.30	-97.16	7,350.43	7,240.14	110.30	66.643	
12,800.00	6,840.00	10,292.00	7,004.09	186.10	68.29	-127.54	1,544.30	-97.16	7,450.36	7,340.03	110.34	67.523	
12,900.00	6,840.00	10,292.00	7,004.09	188.74	68.29	-127.54	1,544.30	-97.16	7,550.30	7,439.92	110.38	68.402	
13,000.00	6,840.00	10,292.00	7,004.09	191.37	68.29	-127.54	1,544.30	-97.16	7,650.23	7,539.81	110.42	69.280	
13,100.00	6,840.00	10,292.00	7,004.09	194.01	68.29	-127.54	1,544.30	-97.16	7,750.17	7,639.70	110.47	70.157	
13,200.00	6,840.00	10,292.00	7,004.09	196.65	68.29	-127.54	1,544.30	-97.16	7,850.11	7,739.59	110.51	71.033	
13,300.00	6,840.00	10,292.00	7,004.09	199.29	68.29	-127.54	1,544.30	-97.16	7,950.05	7,839.49	110.56	71.908	
13,400.00	6,840.00	10,292.00	7,004.09	201.93	68.29	-127.54	1,544.30	-97.16	8,049.99	7,939.38	110.60	72.782	
13,500.00	6,840.00	10,292.00	7,004.09	204.58	68.29	-127.54	1,544.30	-97.16	8,149.93	8,039.28	110.65	73.655	
13,600.00	6,840.00	10,292.00	7,004.09	207.22	68.29	-127.54	1,544.30	-97.16	8,249.87	8,139.18	110.70	74.527	
13,700.00	6,840.00	10,292.00	7,004.09	209.87	68.29	-127.54	1,544.30	-97.16	8,349.82	8,239.08	110.74	75.398	
13,800.00	6,840.00	10,292.00	7,004.09	212.52	68.29	-127.54	1,544.30	-97.16	8,449.77	8,338.98	110.79	76.268	
13,900.00	6,840.00	10,292.00	7,004.09	215.18	68.29	-127.54	1,544.30	-97.16	8,549.71	8,438.88	110.84	77.137	
14,000.00	6,840.00	10,292.00	7,004.09	217.83	68.29	-127.54	1,544.30	-97.16	8,649.66	8,538.78	110.89	78.004	
14,100.00	6,840.00	10,292.00	7,004.09	220.49	68.29	-127.54	1,544.30	-97.16	8,749.61	8,638.68	110.94	78.871	
14,200.00	6,840.00	10,292.00	7,004.09	223.15	68.29	-127.54	1,544.30	-97.16	8,849.57	8,738.58	110.99	79.736	
14,300.00	6,840.00	10,292.00	7,004.09	225.81	68.29	-127.54	1,544.30	-97.16	8,949.52	8,838.48	111.04	80.601	
14,400.00	6,840.00	10,292.00	7,004.09	228.47	68.29	-127.54	1,544.30	-97.16	9,049.47	8,938.39	111.09	81.464	
14,500.00	6,840.00	10,292.00	7,004.09	231.13	68.29	-127.54	1,544.30	-97.16	9,149.43	9,038.29	111.14	82.326	
14,600.00	6,840.00	10,292.00	7,004.09	233.79	68.29	-127.54	1,544.30	-97.16	9,249.38	9,138.19	111.19	83.187	
14,700.00	6,840.00	10,292.00	7,004.09	236.46	68.29	-127.54	1,544.30	-97.16	9,349.34	9,238.10	111.24	84.047	
14,800.00	6,840.00	10,292.00	7,004.09	239.12	68.29	-127.54	1,544.30	-97.16	9,449.30	9,338.00	111.29	84.905	
14,900.00	6,840.00	10,292.00	7,004.09	241.79	68.29	-127.54	1,544.30	-97.16	9,549.25	9,437.91	111.34	85.763	
15,000.00	6,840.00	10,292.00	7,004.09	244.46	68.29	-127.54	1,544.30	-97.16	9,649.21	9,537.81	111.40	86.619	
15,100.00	6,840.00	10,292.00	7,004.09	247.13	68.29	-127.54	1,544.30	-97.16	9,749.17	9,637.72	111.45	87.474	
15,200.00	6,840.00	10,292.00	7,004.09	249.80	68.29	-127.54	1,544.30	-97.16	9,849.13	9,737.63	111.51	88.328	
15,300.00	6,840.00	10,292.00	7,004.09	252.47	68.29	-127.54	1,544.30	-97.16	9,949.10	9,837.53	111.56	89.181	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-167.63	-2,069.97	-453.98	2,119.20					
100.00	100.00	84.79	84.79	0.13	0.15	-167.63	-2,070.07	-454.03	2,119.28	2,119.00	0.28	7,577.459		
200.00	200.00	178.99	178.99	0.49	0.31	-167.63	-2,070.40	-454.19	2,119.67	2,118.87	0.80	2,651.701		
300.00	300.00	273.19	273.19	0.85	0.47	-167.62	-2,070.98	-454.46	2,120.32	2,119.00	1.32	1,607.501		
400.00	400.00	368.18	368.18	1.21	0.66	-167.62	-2,071.79	-454.86	2,121.25	2,119.38	1.87	1,133.013		
500.00	499.98	466.91	466.90	1.57	1.02	-118.36	-2,072.77	-455.26	2,123.13	2,120.55	2.58	822.085		
600.00	599.84	565.50	565.48	1.93	1.37	-118.42	-2,073.83	-455.58	2,126.74	2,123.45	3.29	645.480		
700.00	699.45	663.81	663.78	2.29	1.73	-118.52	-2,074.96	-455.83	2,132.09	2,128.07	4.01	531.166		
800.00	798.70	760.09	760.05	2.67	2.07	-118.68	-2,076.14	-456.08	2,139.22	2,134.48	4.74	451.494		
900.00	897.47	855.36	855.32	3.07	2.41	-118.87	-2,077.51	-456.17	2,148.25	2,142.78	5.47	392.484		
1,000.00	995.62	994.95	994.89	3.50	2.89	-119.36	-2,078.59	-454.76	2,158.25	2,151.88	6.37	338.762		
1,100.00	1,093.06	1,103.41	1,103.35	3.97	3.26	-119.77	-2,078.05	-453.51	2,168.86	2,161.68	7.18	302.123		
1,200.00	1,189.64	1,207.23	1,207.15	4.47	3.61	-120.21	-2,077.12	-452.06	2,180.99	2,172.99	8.00	272.565		
1,300.00	1,285.27	1,307.17	1,307.07	5.01	3.95	-120.66	-2,075.96	-450.77	2,194.91	2,186.06	8.85	248.124		
1,400.00	1,379.82	1,408.44	1,408.33	5.61	4.30	-121.15	-2,074.51	-449.77	2,210.71	2,200.98	9.73	227.199		
1,500.00	1,473.17	1,509.83	1,509.70	6.25	4.64	-121.67	-2,072.61	-449.19	2,228.34	2,217.69	10.65	209.191		
1,600.00	1,565.21	1,595.99	1,595.84	6.96	4.94	-122.08	-2,070.93	-448.40	2,248.10	2,236.54	11.56	194.469		
1,700.00	1,656.01	1,674.31	1,674.15	7.72	5.21	-122.62	-2,069.82	-447.63	2,270.47	2,258.00	12.47	182.036		
1,800.00	1,746.60	1,757.64	1,757.46	8.50	5.50	-123.36	-2,068.87	-448.73	2,294.08	2,280.67	13.41	171.057		
1,900.00	1,837.19	1,855.68	1,855.47	9.30	5.84	-124.18	-2,067.73	-450.96	2,318.20	2,303.79	14.41	160.917		
2,000.00	1,927.79	1,952.40	1,952.14	10.12	6.18	-124.98	-2,066.12	-453.22	2,342.30	2,326.90	15.40	152.108		
2,100.00	2,018.38	2,030.99	2,030.71	10.93	6.45	-125.62	-2,065.07	-455.14	2,367.13	2,350.81	16.32	145.012		
2,200.00	2,108.97	2,108.19	2,107.89	11.76	6.72	-126.24	-2,064.49	-456.84	2,392.90	2,375.66	17.24	138.807		
2,300.00	2,199.56	2,180.89	2,180.58	12.59	6.97	-126.82	-2,064.46	-457.89	2,419.70	2,401.57	18.13	133.460		
2,400.00	2,290.15	2,278.70	2,278.39	13.43	7.32	-127.62	-2,064.77	-458.46	2,447.23	2,428.12	19.11	128.035		
2,500.00	2,380.75	2,388.75	2,388.43	14.26	7.70	-128.50	-2,064.45	-458.88	2,474.63	2,454.49	20.14	122.872		
2,600.00	2,471.34	2,521.81	2,521.44	15.11	8.17	-129.48	-2,062.32	-461.76	2,501.16	2,479.90	21.26	117.669		
2,700.00	2,561.93	2,641.29	2,640.75	15.95	8.59	-130.28	-2,058.90	-467.02	2,526.85	2,504.53	22.32	113.214		
2,800.00	2,652.52	2,778.93	2,777.95	16.80	9.08	-131.11	-2,053.05	-476.21	2,551.42	2,527.97	23.46	108.771		
2,900.00	2,743.12	2,864.88	2,863.45	17.64	9.39	-131.57	-2,048.91	-484.03	2,575.62	2,551.23	24.39	105.580		
3,000.00	2,833.71	2,938.00	2,936.11	18.49	9.66	-131.93	-2,045.53	-491.61	2,600.53	2,575.25	25.28	102.871		
3,100.00	2,924.30	3,007.95	3,005.56	19.35	9.92	-132.26	-2,043.54	-499.59	2,626.43	2,600.28	26.15	100.444		
3,200.00	3,014.89	3,106.62	3,103.45	20.20	10.28	-132.69	-2,041.01	-511.72	2,653.07	2,625.93	27.14	97.746		
3,300.00	3,105.48	3,240.47	3,235.92	21.05	10.79	-133.23	-2,035.91	-530.14	2,678.41	2,650.11	28.30	94.634		
3,400.00	3,196.08	3,297.00	3,291.81	21.91	11.01	-133.44	-2,033.83	-538.35	2,704.17	2,675.06	29.11	92.884		
3,500.00	3,286.67	3,364.07	3,358.27	22.76	11.26	-133.71	-2,032.11	-547.26	2,731.17	2,701.20	29.96	91.156		
3,600.00	3,377.26	3,467.04	3,460.60	23.62	11.65	-134.16	-2,030.21	-558.50	2,759.12	2,728.16	30.97	89.103		
3,700.00	3,467.85	3,631.09	3,623.50	24.47	12.28	-134.85	-2,024.22	-576.88	2,785.38	2,753.13	32.25	86.365		
3,800.00	3,558.45	3,704.80	3,696.55	25.33	12.57	-135.14	-2,020.87	-586.06	2,810.93	2,777.81	33.12	84.861		
3,900.00	3,649.04	3,766.72	3,758.01	26.19	12.81	-135.39	-2,018.81	-593.41	2,837.73	2,803.80	33.93	83.630		
4,000.00	3,739.63	3,835.00	3,825.83	27.05	13.07	-135.66	-2,017.18	-601.12	2,865.61	2,830.85	34.76	82.439		
4,100.00	3,830.22	3,921.12	3,911.42	27.90	13.40	-136.00	-2,015.60	-610.44	2,894.17	2,858.50	35.67	81.139		
4,200.00	3,920.81	4,083.23	4,072.58	28.76	14.03	-136.66	-2,010.46	-627.17	2,921.56	2,884.62	36.94	79.086		
4,300.00	4,011.41	4,201.08	4,189.51	29.62	14.49	-137.10	-2,005.30	-640.92	2,947.87	2,909.87	38.00	77.567		
4,400.00	4,102.00	4,305.26	4,293.08	30.48	15.02	-137.77	-2,000.00	-653.17	2,974.17	2,936.17	39.11	76.042		
4,500.00	4,192.59	4,401.80	4,389.13	31.34	15.37	-138.89	-1,994.32	-663.33	2,999.11	2,960.79	40.22	74.515		
4,600.00	4,283.18	4,500.27	4,487.18	32.20	15.81	-139.01	-1,988.79	-663.47	2,758.22	2,719.84	38.38	71.869		
4,700.00	4,373.78	4,604.89	4,591.23	33.06	15.91	-139.20	-1,982.41	-663.57	2,675.16	2,635.66	39.50	67.721		
4,800.00	4,464.37	4,707.71	4,693.33	33.92	15.98	-139.44	-1,975.23	-663.69	2,593.05	2,552.35	40.71	63.701		
4,900.00	4,554.96	4,810.95	4,796.48	34.78	15.96	-139.67	-1,967.47	-663.85	2,511.98	2,469.97	42.01	59.791		
5,000.00	4,645.55	4,914.61	4,900.69	35.64	16.34	-140.86	-1,959.12	-664.03	2,432.04	2,388.61	43.43	55.997		
5,100.00	4,736.14	5,018.22	5,004.00	36.51	16.83	-141.85	-1,950.74	-664.28	2,353.32	2,308.29	45.02	52.270		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 OWSSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,826.74	9,815.69	6,989.29	37.37	61.34	162.75	1,143.20	-664.55	2,275.87	2,229.10	46.77	48.661		
5,300.00	4,917.33	9,846.88	6,989.54	38.23	61.85	161.65	1,174.39	-664.81	2,199.83	2,151.16	48.67	45.200		
5,400.00	5,007.92	9,878.46	6,989.74	39.09	62.37	160.51	1,205.97	-665.06	2,125.36	2,074.62	50.74	41.886		
5,500.00	5,098.51	9,909.80	6,989.90	39.95	62.88	159.37	1,237.31	-665.31	2,052.62	1,999.63	52.99	38.733		
5,600.00	5,189.11	9,940.80	6,990.00	40.81	63.39	158.23	1,268.30	-665.55	1,981.82	1,926.38	55.44	35.750		
5,700.00	5,279.70	9,982.19	6,989.97	41.68	64.07	156.68	1,309.69	-665.91	1,913.09	1,854.87	58.22	32.857		
5,800.00	5,370.29	10,022.22	6,989.69	42.54	64.73	155.16	1,349.71	-666.38	1,846.61	1,785.38	61.23	30.158		
5,900.00	5,460.88	10,059.28	6,989.25	43.40	65.35	153.73	1,386.77	-666.95	1,782.68	1,718.25	64.43	27.667		
6,000.00	5,551.47	10,095.86	6,988.73	44.26	65.95	152.31	1,423.33	-667.77	1,721.60	1,653.75	67.86	25.370		
6,100.00	5,642.07	10,132.47	6,988.13	45.13	66.56	150.88	1,459.92	-668.83	1,663.71	1,592.19	71.51	23.264		
6,200.00	5,732.66	10,165.96	6,987.58	45.99	67.12	149.56	1,493.39	-670.06	1,609.37	1,534.04	75.32	21.366		
6,300.00	5,823.25	10,201.00	6,987.00	46.85	67.71	148.17	1,528.39	-671.60	1,558.93	1,479.58	79.35	19.646		
6,400.00	5,913.84	10,233.74	6,986.60	47.72	68.26	146.86	1,561.08	-673.39	1,512.81	1,429.34	83.48	18.123		
6,500.00	6,004.44	10,269.68	6,986.71	48.58	68.86	145.43	1,596.92	-676.08	1,471.38	1,383.63	87.75	16.767		
6,600.00	6,095.03	10,318.47	6,987.70	49.44	69.69	143.49	1,645.46	-680.91	1,434.86	1,342.52	92.34	15.539		
6,700.00	6,185.62	10,386.27	6,988.68	50.30	70.84	140.78	1,712.76	-688.99	1,403.08	1,305.71	97.37	14.409		
6,800.00	6,276.21	10,436.62	6,988.96	51.17	71.70	138.75	1,762.64	-695.85	1,376.46	1,274.47	101.99	13.496		
6,900.00	6,366.80	10,486.33	6,989.05	52.03	72.54	136.73	1,811.80	-703.24	1,355.52	1,249.07	106.45	12.734		
7,000.00	6,457.40	10,527.97	6,989.05	52.89	73.26	135.04	1,852.91	-709.84	1,340.64	1,230.15	110.49	12.134		
7,054.20	6,505.74	10,551.46	6,989.04	53.41	73.66	140.19	1,876.08	-713.70	1,337.45	1,224.86	112.59	11.879 CC		
7,100.00	6,545.60	10,571.57	6,989.01	53.85	74.00	143.33	1,895.91	-717.09	1,338.80	1,224.52	114.28	11.715 ES		
7,200.00	6,626.13	10,598.06	6,988.96	55.05	74.46	148.87	1,922.02	-721.52	1,360.56	1,243.34	117.22	11.607 SF		
7,300.00	6,696.49	10,624.71	6,988.87	56.46	74.92	151.35	1,948.32	-725.86	1,404.47	1,284.84	119.63	11.740		
7,400.00	6,754.56	10,649.35	6,988.77	58.05	75.34	151.69	1,972.65	-729.77	1,467.38	1,345.91	121.47	12.080		
7,500.00	6,798.57	10,669.97	6,988.66	59.78	75.70	149.92	1,993.02	-732.96	1,545.33	1,422.54	122.79	12.585		
7,600.00	6,827.18	10,686.70	6,988.59	61.58	75.99	144.63	2,009.56	-735.47	1,634.14	1,510.42	123.72	13.209		
7,700.00	6,839.51	10,699.93	6,988.54	63.39	76.21	129.18	2,022.65	-737.42	1,729.78	1,605.43	124.34	13.911		
7,800.00	6,840.00	10,710.40	6,988.51	65.19	76.39	120.56	2,033.01	-738.92	1,828.20	1,703.42	124.78	14.651		
7,900.00	6,840.00	10,720.44	6,988.49	67.04	76.57	119.65	2,042.94	-740.35	1,926.77	1,801.57	125.20	15.390		
8,000.00	6,840.00	10,730.16	6,988.47	68.95	76.73	118.82	2,052.57	-741.70	2,025.41	1,899.82	125.60	16.126		
8,100.00	6,840.00	10,748.00	6,988.45	70.91	77.04	117.40	2,070.24	-744.13	2,124.14	1,997.88	126.26	16.824		
8,200.00	6,840.00	10,748.00	6,988.45	72.91	77.04	117.40	2,070.24	-744.13	2,222.88	2,096.55	126.33	17.596		
8,300.00	6,840.00	10,748.00	6,988.45	74.96	77.04	117.40	2,070.24	-744.13	2,321.73	2,195.33	126.39	18.369		
8,400.00	6,840.00	10,764.41	6,988.42	77.05	77.32	116.20	2,086.51	-746.28	2,420.57	2,293.56	127.01	19.059		
8,500.00	6,840.00	10,771.87	6,988.39	79.18	77.45	115.69	2,093.91	-747.23	2,519.49	2,392.17	127.31	19.790		
8,600.00	6,840.00	10,779.07	6,988.36	81.34	77.58	115.20	2,101.05	-748.14	2,618.45	2,490.84	127.61	20.519		
8,700.00	6,840.00	10,786.02	6,988.31	83.54	77.70	114.75	2,107.95	-748.99	2,717.46	2,589.56	127.90	21.247		
8,800.00	6,840.00	10,792.74	6,988.26	85.76	77.81	114.33	2,114.62	-749.80	2,816.51	2,688.33	128.18	21.973		
8,900.00	6,840.00	10,799.23	6,988.21	88.02	77.92	113.93	2,121.06	-750.57	2,915.59	2,787.14	128.45	22.699		
9,000.00	6,840.00	10,805.51	6,988.15	90.30	78.03	113.56	2,127.30	-751.30	3,014.71	2,886.00	128.71	23.423		
9,100.00	6,840.00	10,811.58	6,988.08	92.60	78.14	113.21	2,133.33	-752.00	3,113.86	2,984.90	128.96	24.146		
9,200.00	6,840.00	10,817.46	6,988.01	94.93	78.24	112.87	2,139.17	-752.66	3,213.04	3,083.83	129.21	24.868		
9,300.00	6,840.00	10,838.00	6,987.73	97.28	78.59	111.77	2,159.59	-754.89	3,312.32	3,182.35	129.97	25.486		
9,400.00	6,840.00	10,838.00	6,987.73	99.65	78.59	111.77	2,159.59	-754.89	3,411.51	3,281.51	130.01	26.241		
9,500.00	6,840.00	10,838.00	6,987.73	102.03	78.59	111.77	2,159.59	-754.89	3,510.76	3,380.71	130.04	26.997		
9,600.00	6,840.00	10,838.00	6,987.73	104.43	78.59	111.77	2,159.59	-754.89	3,610.04	3,479.96	130.08	27.753		
9,700.00	6,840.00	10,838.00	6,987.73	106.85	78.59	111.77	2,159.59	-754.89	3,709.36	3,579.25	130.11	28.510		
9,800.00	6,840.00	10,838.00	6,987.73	109.29	78.59	111.77	2,159.59	-754.89	3,808.72	3,678.58	130.14	29.266		
9,900.00	6,840.00	10,856.87	6,987.49	111.73	78.92	110.84	2,178.36	-756.84	3,908.03	3,777.18	130.85	29.866		
10,000.00	6,840.00	10,862.42	6,987.44	114.19	79.01	110.58	2,183.88	-757.40	4,007.39	3,876.31	131.08	30.572		
10,100.00	6,840.00	10,867.86	6,987.39	116.66	79.11	110.34	2,189.29	-757.94	4,106.77	3,975.46	131.31	31.275		
10,200.00	6,840.00	10,873.17	6,987.36	119.15	79.20	110.10	2,194.57	-758.46	4,206.17	4,074.64	131.53	31.978		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,878.36	6,987.33	121.64	79.29	109.88	2,199.75	-758.96	4,305.58	4,173.83	131.75	32.679		
10,400.00	6,840.00	10,883.45	6,987.32	124.14	79.38	109.67	2,204.81	-759.45	4,405.01	4,273.04	131.97	33.379		
10,500.00	6,840.00	10,888.43	6,987.31	126.65	79.46	109.46	2,209.76	-759.93	4,504.45	4,372.27	132.18	34.078		
10,600.00	6,840.00	10,893.30	6,987.30	129.18	79.55	109.27	2,214.62	-760.38	4,603.91	4,471.52	132.39	34.776		
10,700.00	6,840.00	10,898.07	6,987.31	131.70	79.63	109.08	2,219.37	-760.83	4,703.38	4,570.79	132.59	35.472		
10,800.00	6,840.00	10,902.75	6,987.32	134.24	79.71	108.90	2,224.02	-761.26	4,802.86	4,670.07	132.79	36.168		
10,900.00	6,840.00	10,907.33	6,987.33	136.79	79.79	108.73	2,228.58	-761.67	4,902.35	4,769.36	132.99	36.862		
11,000.00	6,840.00	10,927.00	6,987.47	139.34	80.13	108.04	2,248.18	-763.41	5,001.91	4,868.16	133.74	37.399		
11,100.00	6,840.00	10,927.00	6,987.47	141.90	80.13	108.04	2,248.18	-763.41	5,101.40	4,967.63	133.78	38.134		
11,200.00	6,840.00	10,927.00	6,987.47	144.46	80.13	108.04	2,248.18	-763.41	5,200.91	5,067.11	133.81	38.869		
11,300.00	6,840.00	10,927.00	6,987.47	147.03	80.13	108.04	2,248.18	-763.41	5,300.44	5,166.60	133.84	39.604		
11,400.00	6,840.00	10,927.00	6,987.47	149.60	80.13	108.04	2,248.18	-763.41	5,399.99	5,266.12	133.87	40.338		
11,500.00	6,840.00	10,927.00	6,987.47	152.18	80.13	108.04	2,248.18	-763.41	5,499.55	5,365.65	133.90	41.072		
11,600.00	6,840.00	10,927.00	6,987.47	154.77	80.13	108.04	2,248.18	-763.41	5,599.13	5,465.20	133.93	41.806		
11,700.00	6,840.00	10,927.00	6,987.47	157.36	80.13	108.04	2,248.18	-763.41	5,698.73	5,564.76	133.96	42.540		
11,800.00	6,840.00	10,927.00	6,987.47	159.95	80.13	108.04	2,248.18	-763.41	5,798.33	5,664.34	133.99	43.273		
11,900.00	6,840.00	10,949.53	6,987.75	162.55	80.51	107.32	2,270.63	-765.31	5,897.86	5,763.00	134.86	43.734		
12,000.00	6,840.00	10,953.42	6,987.82	165.16	80.58	107.20	2,274.51	-765.62	5,997.46	5,862.43	135.03	44.415		
12,100.00	6,840.00	10,957.25	6,987.89	167.76	80.65	107.09	2,278.32	-765.93	6,097.07	5,961.86	135.21	45.094		
12,200.00	6,840.00	10,961.01	6,987.96	170.37	80.71	106.98	2,282.06	-766.23	6,196.68	6,061.30	135.38	45.773		
12,300.00	6,840.00	10,964.70	6,988.03	172.99	80.78	106.87	2,285.74	-766.52	6,296.30	6,160.75	135.55	46.450		
12,400.00	6,840.00	10,968.33	6,988.10	175.60	80.84	106.77	2,289.36	-766.81	6,395.93	6,260.22	135.72	47.127		
12,500.00	6,840.00	10,971.90	6,988.18	178.23	80.90	106.67	2,292.92	-767.09	6,495.57	6,359.69	135.88	47.803		
12,600.00	6,840.00	10,975.41	6,988.26	180.85	80.96	106.57	2,296.42	-767.36	6,595.21	6,459.16	136.05	48.478		
12,700.00	6,840.00	10,978.86	6,988.34	183.47	81.02	106.48	2,299.86	-767.62	6,694.86	6,558.65	136.21	49.152		
12,800.00	6,840.00	10,982.26	6,988.43	186.10	81.08	106.39	2,303.24	-767.88	6,794.51	6,658.15	136.37	49.825		
12,900.00	6,840.00	10,985.60	6,988.51	188.74	81.14	106.30	2,306.57	-768.13	6,894.18	6,757.65	136.53	50.497		
13,000.00	6,840.00	10,988.88	6,988.60	191.37	81.19	106.22	2,309.85	-768.38	6,993.84	6,857.16	136.68	51.168		
13,100.00	6,840.00	10,992.12	6,988.69	194.01	81.25	106.14	2,313.07	-768.61	7,093.52	6,956.68	136.84	51.838		
13,200.00	6,840.00	10,995.30	6,988.78	196.65	81.30	106.06	2,316.24	-768.85	7,193.19	7,056.20	136.99	52.508		
13,300.00	6,840.00	11,019.00	6,989.54	199.29	81.71	105.50	2,339.88	-770.52	7,292.95	7,155.03	137.91	52.880		
13,400.00	6,840.00	11,019.00	6,989.54	201.93	81.71	105.50	2,339.88	-770.52	7,392.62	7,254.67	137.95	53.589		
13,500.00	6,840.00	11,019.00	6,989.54	204.58	81.71	105.50	2,339.88	-770.52	7,492.30	7,354.31	137.99	54.298		
13,600.00	6,840.00	11,019.00	6,989.54	207.22	81.71	105.50	2,339.88	-770.52	7,591.98	7,453.96	138.02	55.006		
13,700.00	6,840.00	11,019.00	6,989.54	209.87	81.71	105.50	2,339.88	-770.52	7,691.68	7,553.62	138.06	55.713		
13,800.00	6,840.00	11,019.00	6,989.54	212.52	81.71	105.50	2,339.88	-770.52	7,791.38	7,653.28	138.09	56.421		
13,900.00	6,840.00	11,019.00	6,989.54	215.18	81.71	105.50	2,339.88	-770.52	7,891.09	7,752.96	138.13	57.127		
14,000.00	6,840.00	11,019.00	6,989.54	217.83	81.71	105.50	2,339.88	-770.52	7,990.81	7,852.64	138.17	57.834		
14,100.00	6,840.00	11,019.00	6,989.54	220.49	81.71	105.50	2,339.88	-770.52	8,090.53	7,952.32	138.21	58.540		
14,200.00	6,840.00	11,019.00	6,989.54	223.15	81.71	105.50	2,339.88	-770.52	8,190.26	8,052.02	138.24	59.245		
14,300.00	6,840.00	11,019.00	6,989.54	225.81	81.71	105.50	2,339.88	-770.52	8,290.00	8,151.72	138.28	59.950		
14,400.00	6,840.00	11,019.00	6,989.54	228.47	81.71	105.50	2,339.88	-770.52	8,389.74	8,251.42	138.32	60.655		
14,500.00	6,840.00	11,019.00	6,989.54	231.13	81.71	105.50	2,339.88	-770.52	8,489.49	8,351.13	138.36	61.359		
14,600.00	6,840.00	11,019.00	6,989.54	233.79	81.71	105.50	2,339.88	-770.52	8,589.25	8,450.85	138.40	62.062		
14,700.00	6,840.00	11,019.00	6,989.54	236.46	81.71	105.50	2,339.88	-770.52	8,689.01	8,550.57	138.44	62.765		
14,800.00	6,840.00	11,019.00	6,989.54	239.12	81.71	105.50	2,339.88	-770.52	8,788.77	8,650.30	138.48	63.468		
14,900.00	6,840.00	11,019.00	6,989.54	241.79	81.71	105.50	2,339.88	-770.52	8,888.55	8,750.03	138.52	64.170		
15,000.00	6,840.00	11,019.00	6,989.54	244.46	81.71	105.50	2,339.88	-770.52	8,988.32	8,849.77	138.56	64.871		
15,100.00	6,840.00	11,019.00	6,989.54	247.13	81.71	105.50	2,339.88	-770.52	9,088.10	8,949.51	138.60	65.572		
15,200.00	6,840.00	11,019.00	6,989.54	249.80	81.71	105.50	2,339.88	-770.52	9,187.89	9,049.25	138.64	66.272		
15,300.00	6,840.00	11,019.00	6,989.54	252.47	81.71	105.50	2,339.88	-770.52	9,287.68	9,149.00	138.68	66.972		
15,400.00	6,840.00	11,019.00	6,989.54	255.15	81.71	105.50	2,339.88	-770.52	9,387.48	9,248.76	138.72	67.671		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	11,019.00	6,989.54	257.82	81.71	105.50	2,339.88	-770.52	9,487.28	9,348.51	138.76	68.370	
15,600.00	6,840.00	11,019.00	6,989.54	260.50	81.71	105.50	2,339.88	-770.52	9,587.08	9,448.28	138.81	69.068	
15,700.00	6,840.00	11,019.00	6,989.54	263.17	81.71	105.50	2,339.88	-770.52	9,686.89	9,548.04	138.85	69.766	
15,800.00	6,840.00	11,019.00	6,989.54	265.85	81.71	105.50	2,339.88	-770.52	9,786.70	9,647.81	138.89	70.463	
15,900.00	6,840.00	11,019.00	6,989.54	268.53	81.71	105.50	2,339.88	-770.52	9,886.52	9,747.58	138.93	71.159	
16,000.00	6,840.00	11,019.00	6,989.54	271.20	81.71	105.50	2,339.88	-770.52	9,986.34	9,847.36	138.98	71.855	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-38.33	2,643.84	-2,090.08	3,370.21					
100.00	100.00	63.00	63.00	0.13	0.11	-38.33	2,643.84	-2,090.08	3,370.21	3,369.97	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.33	2,643.84	-2,090.08	3,370.21	3,369.44	0.77	4,366.845		
300.00	300.00	263.00	263.00	0.85	0.45	-38.33	2,643.84	-2,090.08	3,370.21	3,368.91	1.30	2,589.816		
400.00	400.00	363.00	363.00	1.21	0.62	-38.33	2,643.84	-2,090.08	3,370.21	3,368.38	1.83	1,840.748		
500.00	499.98	462.98	462.98	1.57	0.79	10.95	2,643.84	-2,090.08	3,368.50	3,366.14	2.36	1,428.211		
600.00	599.84	562.84	562.84	1.93	0.96	10.98	2,643.84	-2,090.08	3,363.36	3,360.47	2.89	1,164.373		
700.00	699.45	662.45	662.45	2.29	1.13	11.04	2,643.84	-2,090.08	3,354.81	3,351.39	3.42	980.543		
800.00	798.70	747.12	747.11	2.67	1.44	11.14	2,644.52	-2,089.62	3,343.12	3,339.03	4.09	816.822		
900.00	897.47	846.14	846.13	3.07	1.79	11.27	2,645.72	-2,088.79	3,328.20	3,323.39	4.81	691.223		
1,000.00	995.62	944.56	944.53	3.50	2.15	11.44	2,646.93	-2,087.92	3,309.90	3,304.36	5.54	597.600		
1,100.00	1,093.06	1,040.40	1,040.36	3.97	2.49	11.62	2,648.12	-2,087.08	3,288.27	3,282.01	6.26	525.457		
1,200.00	1,189.64	1,133.35	1,133.30	4.47	2.82	11.84	2,649.19	-2,086.52	3,263.41	3,256.44	6.97	468.046		
1,300.00	1,285.27	1,225.48	1,225.43	5.01	3.15	12.08	2,650.16	-2,086.25	3,235.38	3,227.69	7.69	420.727		
1,400.00	1,379.82	1,320.65	1,320.59	5.61	3.49	12.35	2,651.03	-2,086.26	3,204.18	3,195.76	8.42	380.353		
1,500.00	1,473.17	1,462.24	1,462.12	6.25	3.99	12.78	2,652.99	-2,084.02	3,169.32	3,159.99	9.32	339.911		
1,600.00	1,565.21	1,578.65	1,578.28	6.96	4.41	13.32	2,656.38	-2,077.16	3,129.93	3,119.79	10.14	308.525		
1,700.00	1,656.01	1,702.65	1,701.71	7.72	4.86	13.92	2,661.42	-2,066.51	3,087.32	3,076.31	11.01	280.515		
1,800.00	1,746.60	1,834.00	1,831.38	8.50	5.37	14.63	2,669.90	-2,047.50	3,042.87	3,030.96	11.91	255.529		
1,900.00	1,837.19	1,918.34	1,914.05	9.30	5.71	15.16	2,676.91	-2,032.32	2,998.15	2,985.47	12.68	236.521		
2,000.00	1,927.79	2,011.95	2,005.46	10.12	6.11	15.81	2,685.56	-2,014.14	2,953.60	2,940.10	13.51	218.693		
2,100.00	2,018.38	2,130.02	2,120.06	10.93	6.64	16.71	2,697.31	-1,988.33	2,908.63	2,894.16	14.47	201.013		
2,200.00	2,108.97	2,188.03	2,175.93	11.76	6.91	17.21	2,704.01	-1,974.24	2,863.98	2,848.76	15.22	188.114		
2,300.00	2,199.56	2,248.22	2,233.75	12.59	7.20	17.74	2,711.74	-1,959.41	2,820.46	2,804.46	16.01	176.208		
2,400.00	2,290.15	2,400.00	2,348.74	13.43	7.94	18.74	2,724.82	-1,933.30	2,777.41	2,760.19	17.22	161.315		
2,500.00	2,380.75	2,473.06	2,451.36	14.26	8.32	19.69	2,735.44	-1,908.21	2,733.12	2,715.04	18.08	151.134		
2,600.00	2,471.34	2,532.56	2,508.45	15.11	8.63	20.27	2,742.50	-1,892.96	2,689.85	2,670.91	18.93	142.069		
2,700.00	2,561.93	2,595.04	2,568.36	15.95	8.96	20.89	2,750.37	-1,877.11	2,647.74	2,627.92	19.82	133.599		
2,800.00	2,652.52	2,713.71	2,682.22	16.80	9.61	22.11	2,764.94	-1,846.97	2,605.96	2,584.95	21.01	124.040		
2,900.00	2,743.12	2,815.25	2,778.48	17.64	10.20	23.27	2,777.93	-1,817.43	2,563.63	2,541.45	22.17	115.610		
3,000.00	2,833.71	2,884.11	2,843.52	18.49	10.62	24.09	2,787.12	-1,796.76	2,522.10	2,498.90	23.20	108.697		
3,100.00	2,924.30	2,953.20	2,908.82	19.35	11.04	24.94	2,796.54	-1,776.26	2,481.70	2,457.44	24.26	102.312		
3,200.00	3,014.89	3,031.26	2,982.93	20.20	11.50	25.89	2,806.98	-1,754.10	2,442.35	2,416.98	25.37	96.282		
3,300.00	3,105.48	3,114.31	3,062.70	21.05	11.98	26.85	2,816.78	-1,733.17	2,403.73	2,377.23	26.50	90.694		
3,400.00	3,196.08	3,197.00	3,142.11	21.91	12.45	27.84	2,826.56	-1,712.27	2,365.85	2,338.20	27.65	85.573		
3,500.00	3,286.67	3,282.66	3,225.24	22.76	12.91	28.81	2,835.32	-1,693.61	2,328.63	2,299.83	28.79	80.871		
3,600.00	3,377.26	3,364.43	3,305.13	23.62	13.32	29.71	2,842.83	-1,677.88	2,292.07	2,262.16	29.91	76.637		
3,700.00	3,467.85	3,435.86	3,374.92	24.47	13.68	30.51	2,849.63	-1,664.27	2,256.49	2,225.50	30.99	72.814		
3,800.00	3,558.45	3,544.18	3,480.43	25.33	14.24	31.79	2,860.32	-1,642.25	2,221.52	2,189.24	32.29	68.805		
3,900.00	3,649.04	3,617.02	3,551.14	26.19	14.63	32.70	2,867.61	-1,626.31	2,186.98	2,153.53	33.45	65.374		
4,000.00	3,739.63	3,679.45	3,611.53	27.05	14.97	33.52	2,874.48	-1,612.05	2,153.85	2,119.25	34.60	62.257		
4,100.00	3,830.22	3,747.33	3,676.95	27.90	15.36	34.44	2,882.91	-1,596.08	2,122.57	2,086.77	35.80	59.292		
4,200.00	3,920.81	3,860.21	3,784.90	28.76	16.03	36.10	2,896.76	-1,566.14	2,091.51	2,054.15	37.35	55.995		
4,300.00	4,011.41	3,931.88	3,852.75	29.62	16.49	37.24	2,905.97	-1,544.96	2,061.61	2,022.91	38.70	53.277		
4,400.00	4,102.00	4,011.58	3,928.02	30.48	17.00	38.54	2,916.45	-1,520.98	2,033.21	1,993.08	40.13	50.662		
4,500.00	4,192.59	4,094.60	4,006.79	31.34	17.52	39.89	2,927.12	-1,497.00	2,006.17	1,964.58	41.60	48.229		
4,600.00	4,283.18	4,231.86	4,139.03	32.20	18.32	42.01	2,941.59	-1,463.37	1,979.15	1,935.78	43.37	45.634		
4,700.00	4,373.78	4,314.08	4,218.64	33.06	18.77	43.29	2,949.11	-1,444.23	1,952.41	1,907.63	44.78	43.601		
4,800.00	4,464.37	4,421.84	4,323.40	33.92	19.34	44.95	2,958.04	-1,420.66	1,926.33	1,880.00	46.34	41.573		
4,900.00	4,554.96	4,520.11	4,419.75	34.78	19.82	46.41	2,964.77	-1,402.54	1,900.49	1,852.69	47.80	39.763		
5,000.00	4,645.55	4,603.56	4,501.85	35.64	20.21	47.63	2,970.25	-1,388.65	1,875.64	1,826.47	49.17	38.149		
5,100.00	4,736.14	4,695.05	4,592.04	36.51	20.63	48.97	2,976.18	-1,374.53	1,851.85	1,801.28	50.57	36.620		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,803.49	4,699.41	37.37	21.08	50.51	2,982.12	-1,360.52	1,828.27	1,776.25	52.02	35.148		
5,300.00	4,917.33	4,890.59	4,785.92	38.23	21.43	51.72	2,986.48	-1,351.44	1,805.28	1,751.93	53.35	33.838		
5,400.00	5,007.92	4,976.76	4,871.66	39.09	21.75	52.88	2,991.07	-1,344.14	1,783.48	1,728.82	54.67	32.625		
5,500.00	5,098.51	5,009.55	5,029.75	39.95	23.37	54.91	2,995.89	-1,336.43	1,760.06	1,702.83	57.22	30.757		
5,600.00	5,189.11	5,257.31	5,151.88	40.81	22.60	56.39	2,996.23	-1,335.48	1,734.79	1,677.42	57.36	30.242		
5,700.00	5,279.70	5,348.20	5,242.77	41.68	22.85	57.50	2,996.21	-1,335.20	1,710.09	1,651.48	58.60	29.180		
5,800.00	5,370.29	5,439.10	5,333.67	42.54	23.09	58.65	2,996.17	-1,334.96	1,686.07	1,626.22	59.86	28.167		
5,900.00	5,460.88	5,534.90	5,429.46	43.40	23.34	59.88	2,995.99	-1,334.85	1,662.65	1,601.54	61.12	27.205		
6,000.00	5,551.47	5,630.84	5,525.40	44.26	23.59	61.13	2,995.53	-1,335.05	1,639.70	1,577.32	62.38	26.285		
6,100.00	5,642.07	5,726.82	5,621.37	45.13	23.84	62.41	2,994.80	-1,335.55	1,617.24	1,553.58	63.66	25.406		
6,200.00	5,732.66	5,807.14	5,701.70	45.99	24.05	63.50	2,994.40	-1,336.32	1,595.73	1,530.80	64.93	24.576		
6,300.00	5,823.25	5,888.45	5,782.99	46.85	24.26	64.60	2,994.61	-1,337.55	1,575.60	1,509.39	66.21	23.798		
6,400.00	5,913.84	5,970.43	5,864.95	47.72	24.47	65.71	2,995.44	-1,339.26	1,556.84	1,489.36	67.49	23.069		
6,500.00	6,004.44	6,087.57	5,982.04	48.58	24.77	67.31	2,996.64	-1,342.23	1,538.92	1,470.16	68.76	22.381		
6,600.00	6,095.03	6,165.93	6,060.39	49.44	24.99	68.43	2,996.37	-1,343.69	1,520.75	1,450.68	70.07	21.704		
6,700.00	6,185.62	6,235.22	6,129.68	50.30	25.18	69.48	2,996.79	-1,343.76	1,504.78	1,433.41	71.37	21.084		
6,800.00	6,276.21	6,324.77	6,219.21	51.17	25.45	70.88	2,997.81	-1,342.52	1,490.74	1,418.04	72.71	20.504		
6,900.00	6,366.80	6,371.41	6,265.83	52.03	25.59	71.62	2,999.04	-1,341.85	1,479.02	1,405.06	73.95	20.000		
7,000.00	6,457.40	6,407.21	6,301.57	52.89	25.71	72.17	3,001.12	-1,341.42	1,471.23	1,396.16	75.08	19.597		
7,046.26	6,498.76	6,420.55	6,314.84	53.34	25.75	72.78	3,002.34	-1,341.23	1,469.99	1,394.39	75.59	19.446 CC, ES		
7,100.00	6,545.60	6,436.00	6,330.19	53.85	25.81	82.65	3,004.11	-1,340.96	1,471.29	1,395.12	76.17	19.316		
7,200.00	6,626.13	6,466.10	6,359.97	55.05	25.91	88.95	3,008.46	-1,340.39	1,483.88	1,406.42	77.47	19.155		
7,300.00	6,696.49	6,483.00	6,376.61	56.46	25.97	91.14	3,011.41	-1,340.07	1,508.87	1,430.06	78.81	19.145 SF		
7,400.00	6,754.56	6,515.24	6,408.17	58.05	26.10	91.07	3,017.97	-1,339.39	1,545.24	1,464.82	80.42	19.214		
7,500.00	6,798.57	6,531.00	6,423.49	59.78	26.15	88.21	3,021.61	-1,339.01	1,591.99	1,510.05	81.94	19.430		
7,600.00	6,827.18	6,543.55	6,436.65	61.58	26.20	83.17	3,024.70	-1,338.70	1,647.24	1,563.84	83.41	19.749		
7,700.00	6,839.51	6,547.99	6,439.94	63.39	26.22	75.94	3,025.83	-1,338.59	1,708.91	1,624.19	84.72	20.171		
7,800.00	6,840.00	6,547.20	6,439.18	65.19	26.22	73.88	3,025.63	-1,338.61	1,774.77	1,688.92	85.86	20.671		
7,900.00	6,840.00	6,546.20	6,438.21	67.04	26.21	73.83	3,025.38	-1,338.63	1,843.72	1,756.87	86.85	21.229		
8,000.00	6,840.00	6,545.20	6,437.25	68.95	26.21	73.79	3,025.12	-1,338.66	1,915.40	1,827.68	87.72	21.835		
8,100.00	6,840.00	6,544.20	6,436.28	70.91	26.21	73.74	3,024.87	-1,338.68	1,989.53	1,901.05	88.48	22.485		
8,200.00	6,840.00	6,543.20	6,435.31	72.91	26.20	73.70	3,024.61	-1,338.71	2,065.84	1,976.70	89.15	23.174		
8,300.00	6,840.00	6,531.00	6,423.49	74.96	26.15	73.17	3,021.61	-1,339.01	2,144.17	2,054.58	89.59	23.932		
8,400.00	6,840.00	6,531.00	6,423.49	77.05	26.15	73.17	3,021.61	-1,339.01	2,224.15	2,134.04	90.11	24.682		
8,500.00	6,840.00	6,531.00	6,423.49	79.18	26.15	73.17	3,021.61	-1,339.01	2,305.70	2,215.13	90.57	25.458		
8,600.00	6,840.00	6,531.00	6,423.49	81.34	26.15	73.17	3,021.61	-1,339.01	2,388.65	2,297.69	90.97	26.258		
8,700.00	6,840.00	6,531.00	6,423.49	83.54	26.15	73.17	3,021.61	-1,339.01	2,472.87	2,381.55	91.32	27.079		
8,800.00	6,840.00	6,531.00	6,423.49	85.76	26.15	73.17	3,021.61	-1,339.01	2,558.22	2,466.59	91.63	27.919		
8,900.00	6,840.00	6,531.00	6,423.49	88.02	26.15	73.17	3,021.61	-1,339.01	2,644.59	2,552.69	91.90	28.775		
9,000.00	6,840.00	6,531.00	6,423.49	90.30	26.15	73.17	3,021.61	-1,339.01	2,731.90	2,639.75	92.15	29.647		
9,100.00	6,840.00	6,531.00	6,423.49	92.60	26.15	73.17	3,021.61	-1,339.01	2,820.05	2,727.69	92.36	30.532		
9,200.00	6,840.00	6,531.00	6,423.49	94.93	26.15	73.17	3,021.61	-1,339.01	2,908.97	2,816.41	92.55	31.430		
9,300.00	6,840.00	6,531.00	6,423.49	97.28	26.15	73.17	3,021.61	-1,339.01	2,998.58	2,905.86	92.72	32.339		
9,400.00	6,840.00	6,531.00	6,423.49	99.65	26.15	73.17	3,021.61	-1,339.01	3,088.83	2,995.96	92.88	33.258		
9,500.00	6,840.00	6,531.00	6,423.49	102.03	26.15	73.17	3,021.61	-1,339.01	3,179.67	3,086.66	93.01	34.186		
9,600.00	6,840.00	6,531.00	6,423.49	104.43	26.15	73.17	3,021.61	-1,339.01	3,271.04	3,177.91	93.13	35.122		
9,700.00	6,840.00	6,531.00	6,423.49	106.85	26.15	73.17	3,021.61	-1,339.01	3,362.90	3,269.66	93.24	36.066		
9,800.00	6,840.00	6,531.00	6,423.49	109.29	26.15	73.17	3,021.61	-1,339.01	3,455.21	3,361.87	93.34	37.017		
9,900.00	6,840.00	6,531.00	6,423.49	111.73	26.15	73.17	3,021.61	-1,339.01	3,547.94	3,454.51	93.43	37.974		
10,000.00	6,840.00	6,531.00	6,423.49	114.19	26.15	73.17	3,021.61	-1,339.01	3,641.06	3,547.55	93.51	38.938		
10,100.00	6,840.00	6,531.00	6,423.49	116.66	26.15	73.17	3,021.61	-1,339.01	3,734.53	3,640.95	93.58	39.906		
10,200.00	6,840.00	6,531.00	6,423.49	119.15	26.15	73.17	3,021.61	-1,339.01	3,828.33	3,734.68	93.65	40.879		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,531.00	6,423.49	121.64	26.15	73.17	3,021.61	-1,339.01	3,922.44	3,828.73	93.71	41.857		
10,400.00	6,840.00	6,531.00	6,423.49	124.14	26.15	73.17	3,021.61	-1,339.01	4,016.83	3,923.06	93.77	42.838		
10,500.00	6,840.00	6,531.00	6,423.49	126.65	26.15	73.17	3,021.61	-1,339.01	4,111.49	4,017.67	93.82	43.824		
10,600.00	6,840.00	6,531.00	6,423.49	129.18	26.15	73.17	3,021.61	-1,339.01	4,206.39	4,112.53	93.87	44.813		
10,700.00	6,840.00	6,531.00	6,423.49	131.70	26.15	73.17	3,021.61	-1,339.01	4,301.53	4,207.62	93.91	45.805		
10,800.00	6,840.00	6,531.00	6,423.49	134.24	26.15	73.17	3,021.61	-1,339.01	4,396.88	4,302.93	93.95	46.800		
10,900.00	6,840.00	6,531.00	6,423.49	136.79	26.15	73.17	3,021.61	-1,339.01	4,492.43	4,398.44	93.99	47.798		
11,000.00	6,840.00	6,531.00	6,423.49	139.34	26.15	73.17	3,021.61	-1,339.01	4,588.17	4,494.15	94.02	48.798		
11,100.00	6,840.00	6,531.00	6,423.49	141.90	26.15	73.17	3,021.61	-1,339.01	4,684.09	4,590.04	94.06	49.801		
11,200.00	6,840.00	6,531.00	6,423.49	144.46	26.15	73.17	3,021.61	-1,339.01	4,780.18	4,686.09	94.09	50.806		
11,300.00	6,840.00	6,516.33	6,409.22	147.03	26.10	72.53	3,018.21	-1,339.36	4,876.36	4,782.40	93.96	51.899		
11,400.00	6,840.00	6,515.60	6,408.52	149.60	26.10	72.50	3,018.05	-1,339.38	4,972.75	4,878.77	93.98	52.913		
11,500.00	6,840.00	6,514.89	6,407.82	152.18	26.09	72.47	3,017.89	-1,339.40	5,069.28	4,975.28	94.00	53.929		
11,600.00	6,840.00	6,514.18	6,407.13	154.77	26.09	72.43	3,017.73	-1,339.41	5,165.93	5,071.92	94.02	54.946		
11,700.00	6,840.00	6,513.47	6,406.44	157.36	26.09	72.40	3,017.57	-1,339.43	5,262.72	5,168.68	94.04	55.965		
11,800.00	6,840.00	6,512.77	6,405.75	159.95	26.09	72.37	3,017.42	-1,339.45	5,359.62	5,265.57	94.05	56.986		
11,900.00	6,840.00	6,512.07	6,405.08	162.55	26.08	72.34	3,017.27	-1,339.46	5,456.63	5,362.57	94.07	58.007		
12,000.00	6,840.00	6,511.38	6,404.40	165.16	26.08	72.31	3,017.12	-1,339.48	5,553.75	5,459.67	94.08	59.030		
12,100.00	6,840.00	6,510.70	6,403.73	167.76	26.08	72.28	3,016.97	-1,339.49	5,650.97	5,556.87	94.10	60.054		
12,200.00	6,840.00	6,510.02	6,403.07	170.37	26.08	72.25	3,016.82	-1,339.51	5,748.29	5,654.17	94.11	61.078		
12,300.00	6,840.00	6,509.34	6,402.41	172.99	26.07	72.22	3,016.67	-1,339.52	5,845.69	5,751.56	94.13	62.104		
12,400.00	6,840.00	6,508.67	6,401.75	175.60	26.07	72.19	3,016.53	-1,339.54	5,943.18	5,849.04	94.14	63.130		
12,500.00	6,840.00	6,508.00	6,401.10	178.23	26.07	72.17	3,016.39	-1,339.55	6,040.75	5,946.60	94.16	64.157		
12,600.00	6,840.00	6,507.34	6,400.45	180.85	26.07	72.14	3,016.25	-1,339.57	6,138.40	6,044.23	94.17	65.185		
12,700.00	6,840.00	6,506.68	6,399.81	183.47	26.06	72.11	3,016.11	-1,339.58	6,236.13	6,141.94	94.18	66.213		
12,800.00	6,840.00	6,506.03	6,399.17	186.10	26.06	72.08	3,015.97	-1,339.60	6,333.92	6,239.73	94.20	67.241		
12,900.00	6,840.00	6,505.38	6,398.54	188.74	26.06	72.05	3,015.83	-1,339.61	6,431.79	6,337.57	94.21	68.270		
13,000.00	6,840.00	6,504.73	6,397.91	191.37	26.06	72.02	3,015.70	-1,339.62	6,529.71	6,435.49	94.22	69.299		
13,100.00	6,840.00	6,504.09	6,397.28	194.01	26.05	72.00	3,015.56	-1,339.64	6,627.70	6,533.46	94.24	70.329		
13,200.00	6,840.00	6,503.46	6,396.66	196.65	26.05	71.97	3,015.43	-1,339.65	6,725.75	6,631.50	94.25	71.359		
13,300.00	6,840.00	6,502.83	6,396.04	199.29	26.05	71.94	3,015.30	-1,339.67	6,823.86	6,729.59	94.27	72.388		
13,400.00	6,840.00	6,502.20	6,395.43	201.93	26.05	71.91	3,015.17	-1,339.68	6,922.01	6,827.73	94.28	73.418		
13,500.00	6,840.00	6,501.58	6,394.82	204.58	26.04	71.89	3,015.04	-1,339.69	7,020.22	6,925.93	94.30	74.449		
13,600.00	6,840.00	6,500.96	6,394.22	207.22	26.04	71.86	3,014.91	-1,339.71	7,118.48	7,024.17	94.31	75.479		
13,700.00	6,840.00	6,500.34	6,393.62	209.87	26.04	71.83	3,014.79	-1,339.72	7,216.79	7,122.47	94.33	76.509		
13,800.00	6,840.00	6,499.73	6,393.02	212.52	26.04	71.81	3,014.66	-1,339.73	7,315.15	7,220.80	94.34	77.539		
13,900.00	6,840.00	6,499.13	6,392.42	215.18	26.04	71.78	3,014.54	-1,339.74	7,413.54	7,319.19	94.36	78.569		
14,000.00	6,840.00	6,498.53	6,391.83	217.83	26.03	71.75	3,014.41	-1,339.76	7,511.98	7,417.61	94.37	79.599		
14,100.00	6,840.00	6,483.00	6,376.61	220.49	25.97	71.08	3,011.41	-1,340.07	7,610.51	7,516.27	94.24	80.754		
14,200.00	6,840.00	6,483.00	6,376.61	223.15	25.97	71.08	3,011.41	-1,340.07	7,709.03	7,614.76	94.27	81.780		
14,300.00	6,840.00	6,483.00	6,376.61	225.81	25.97	71.08	3,011.41	-1,340.07	7,807.58	7,713.29	94.29	82.805		
14,400.00	6,840.00	6,483.00	6,376.61	228.47	25.97	71.08	3,011.41	-1,340.07	7,906.17	7,811.86	94.31	83.830		
14,500.00	6,840.00	6,483.00	6,376.61	231.13	25.97	71.08	3,011.41	-1,340.07	8,004.79	7,910.46	94.33	84.855		
14,600.00	6,840.00	6,483.00	6,376.61	233.79	25.97	71.08	3,011.41	-1,340.07	8,103.45	8,009.09	94.36	85.879		
14,700.00	6,840.00	6,483.00	6,376.61	236.46	25.97	71.08	3,011.41	-1,340.07	8,202.14	8,107.76	94.38	86.903		
14,800.00	6,840.00	6,483.00	6,376.61	239.12	25.97	71.08	3,011.41	-1,340.07	8,300.86	8,206.45	94.41	87.926		
14,900.00	6,840.00	6,483.00	6,376.61	241.79	25.97	71.08	3,011.41	-1,340.07	8,399.61	8,305.18	94.43	88.949		
15,000.00	6,840.00	6,483.00	6,376.61	244.46	25.97	71.08	3,011.41	-1,340.07	8,498.39	8,403.94	94.46	89.971		
15,100.00	6,840.00	6,483.00	6,376.61	247.13	25.97	71.08	3,011.41	-1,340.07	8,597.20	8,502.72	94.48	90.993		
15,200.00	6,840.00	6,483.00	6,376.61	249.80	25.97	71.08	3,011.41	-1,340.07	8,696.04	8,601.53	94.51	92.014		
15,300.00	6,840.00	6,483.00	6,376.61	252.47	25.97	71.08	3,011.41	-1,340.07	8,794.90	8,700.37	94.53	93.035		
15,400.00	6,840.00	6,483.00	6,376.61	255.15	25.97	71.08	3,011.41	-1,340.07	8,893.79	8,799.23	94.56	94.055		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,483.00	6,376.61	257.82	25.97	71.08	3,011.41	-1,340.07	8,992.70	8,898.12	94.59	95.074	
15,600.00	6,840.00	6,483.00	6,376.61	260.50	25.97	71.08	3,011.41	-1,340.07	9,091.64	8,997.03	94.61	96.093	
15,700.00	6,840.00	6,483.00	6,376.61	263.17	25.97	71.08	3,011.41	-1,340.07	9,190.60	9,095.96	94.64	97.110	
15,800.00	6,840.00	6,483.00	6,376.61	265.85	25.97	71.08	3,011.41	-1,340.07	9,289.58	9,194.91	94.67	98.128	
15,900.00	6,840.00	6,483.00	6,376.61	268.53	25.97	71.08	3,011.41	-1,340.07	9,388.58	9,293.89	94.70	99.144	
16,000.00	6,840.00	6,483.00	6,376.61	271.20	25.97	71.08	3,011.41	-1,340.07	9,487.61	9,392.88	94.72	100.160	
16,100.00	6,840.00	6,483.00	6,376.61	273.88	25.97	71.08	3,011.41	-1,340.07	9,586.65	9,491.90	94.75	101.175	
16,200.00	6,840.00	6,483.00	6,376.61	276.56	25.97	71.08	3,011.41	-1,340.07	9,685.72	9,590.93	94.78	102.189	
16,300.00	6,840.00	6,483.00	6,376.61	279.25	25.97	71.08	3,011.41	-1,340.07	9,784.80	9,689.99	94.81	103.202	
16,400.00	6,840.00	6,483.00	6,376.61	281.93	25.97	71.08	3,011.41	-1,340.07	9,883.90	9,789.06	94.84	104.214	
16,500.00	6,840.00	6,483.00	6,376.61	284.61	25.97	71.08	3,011.41	-1,340.07	9,983.02	9,888.15	94.87	105.226	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-38.62	2,643.84	-2,112.40	3,384.10					
100.00	100.00	63.00	63.00	0.13	0.11	-38.62	2,643.84	-2,112.40	3,384.10	3,383.86	0.24	N/A		
200.00	200.00	163.00	163.00	0.49	0.28	-38.62	2,643.84	-2,112.40	3,384.10	3,383.33	0.77	4,382.407		
300.00	300.00	263.00	263.00	0.85	0.45	-38.62	2,643.84	-2,112.40	3,384.10	3,382.80	1.30	2,599.107		
400.00	400.00	363.00	363.00	1.21	0.62	-38.62	2,643.84	-2,112.40	3,384.10	3,382.27	1.83	1,847.371		
500.00	499.98	462.98	462.98	1.57	0.79	10.65	2,643.84	-2,112.40	3,382.39	3,380.03	2.36	1,433.360		
600.00	599.84	562.84	562.84	1.93	0.96	10.68	2,643.84	-2,112.40	3,377.24	3,374.35	2.89	1,168.584		
700.00	699.45	662.45	662.45	2.29	1.14	10.74	2,643.84	-2,112.40	3,368.68	3,365.26	3.42	984.107		
800.00	798.70	769.31	769.31	2.67	1.47	10.84	2,644.04	-2,112.03	3,356.64	3,352.51	4.13	813.463		
900.00	897.47	882.03	882.02	3.07	1.86	10.96	2,643.81	-2,111.53	3,340.84	3,335.96	4.88	684.288		
1,000.00	995.62	993.89	993.89	3.50	2.24	11.10	2,642.89	-2,111.16	3,321.26	3,315.62	5.64	589.054		
1,100.00	1,093.06	1,088.35	1,088.33	3.97	2.57	11.26	2,641.79	-2,110.98	3,298.17	3,291.83	6.34	520.320		
1,200.00	1,189.64	1,181.54	1,181.52	4.47	2.89	11.44	2,640.68	-2,110.99	3,271.86	3,264.82	7.04	464.774		
1,300.00	1,285.27	1,273.84	1,273.81	5.01	3.21	11.65	2,639.56	-2,111.17	3,242.37	3,234.63	7.74	418.743		
1,400.00	1,379.82	1,365.11	1,365.07	5.61	3.53	11.88	2,638.42	-2,111.52	3,209.73	3,201.27	8.45	379.633		
1,500.00	1,473.17	1,455.28	1,455.24	6.25	3.84	12.15	2,637.27	-2,112.04	3,173.97	3,164.80	9.17	346.161		
1,600.00	1,565.21	1,544.28	1,544.22	6.96	4.15	12.45	2,636.10	-2,112.74	3,135.15	3,125.26	9.89	317.118		
1,700.00	1,656.01	1,629.40	1,629.33	7.72	4.45	12.68	2,634.96	-2,113.62	3,093.69	3,083.09	10.60	291.832		
1,800.00	1,746.60	1,714.29	1,714.20	8.50	4.75	12.81	2,633.79	-2,114.79	3,051.99	3,040.68	11.31	269.809		
1,900.00	1,837.19	1,799.35	1,799.25	9.30	5.06	12.94	2,632.61	-2,116.25	3,010.47	2,998.44	12.03	250.233		
2,000.00	1,927.79	1,895.65	1,895.52	10.12	5.40	13.08	2,631.16	-2,118.16	2,969.04	2,956.25	12.79	232.089		
2,100.00	2,018.38	2,000.00	1,999.83	10.93	5.77	13.24	2,629.11	-2,120.17	2,927.25	2,913.67	13.58	215.486		
2,200.00	2,108.97	2,162.96	2,162.61	11.76	6.35	13.45	2,622.44	-2,123.08	2,883.65	2,869.10	14.55	198.159		
2,300.00	2,199.56	2,245.17	2,244.53	12.59	6.65	13.49	2,616.64	-2,126.74	2,839.60	2,824.31	15.28	185.791		
2,400.00	2,290.15	2,345.83	2,344.65	13.43	7.03	13.49	2,608.24	-2,132.81	2,795.48	2,779.41	16.07	173.909		
2,500.00	2,380.75	2,484.24	2,481.60	14.26	7.56	13.36	2,592.23	-2,144.84	2,750.56	2,733.59	16.97	162.050		
2,600.00	2,471.34	2,583.94	2,579.95	15.11	7.95	13.22	2,578.69	-2,153.93	2,704.36	2,686.59	17.77	152.171		
2,700.00	2,561.93	2,683.61	2,678.17	15.95	8.35	13.06	2,564.57	-2,163.28	2,657.92	2,639.34	18.58	143.084		
2,800.00	2,652.52	2,779.38	2,772.43	16.80	8.75	12.89	2,550.36	-2,172.52	2,611.15	2,591.78	19.37	134.772		
2,900.00	2,743.12	2,842.00	2,834.13	17.64	9.01	12.79	2,541.45	-2,178.39	2,564.69	2,544.60	20.09	127.636		
3,000.00	2,833.71	2,915.05	2,906.21	18.49	9.31	12.67	2,531.86	-2,185.41	2,519.10	2,498.26	20.84	120.856		
3,100.00	2,924.30	3,003.05	2,993.15	19.35	9.67	12.54	2,520.83	-2,193.37	2,473.67	2,452.04	21.63	114.352		
3,200.00	3,014.89	3,086.81	3,076.08	20.20	10.01	12.45	2,511.14	-2,200.12	2,428.39	2,405.98	22.41	108.358		
3,300.00	3,105.48	3,163.00	3,151.63	21.05	10.32	12.38	2,503.01	-2,205.64	2,383.32	2,360.15	23.17	102.846		
3,400.00	3,196.08	3,223.79	3,212.08	21.91	10.56	12.37	2,497.83	-2,209.25	2,339.07	2,315.17	23.90	97.866		
3,500.00	3,286.67	3,300.95	3,289.09	22.76	10.85	12.43	2,493.92	-2,212.14	2,295.98	2,271.32	24.66	93.102		
3,600.00	3,377.26	3,395.63	3,383.70	23.62	11.19	12.59	2,490.59	-2,213.38	2,252.67	2,227.22	25.44	88.537		
3,700.00	3,467.85	3,466.62	3,454.68	24.47	11.43	12.77	2,489.54	-2,212.77	2,209.67	2,183.48	26.18	84.388		
3,800.00	3,558.45	3,519.31	3,507.36	25.33	11.60	12.92	2,489.63	-2,212.46	2,168.00	2,141.10	26.90	80.597		
3,900.00	3,649.04	3,595.48	3,583.52	26.19	11.85	13.15	2,490.64	-2,212.72	2,127.68	2,100.02	27.66	76.932		
4,000.00	3,739.63	3,688.64	3,676.68	27.05	12.16	13.42	2,491.64	-2,213.40	2,087.45	2,059.01	28.44	73.388		
4,100.00	3,830.22	3,781.82	3,769.85	27.90	12.47	13.68	2,492.26	-2,214.42	2,047.18	2,017.94	29.23	70.027		
4,200.00	3,920.81	3,871.83	3,859.85	28.76	12.77	13.94	2,492.68	-2,215.57	2,006.88	1,976.86	30.02	66.841		
4,300.00	4,011.41	3,993.67	3,981.68	29.62	13.17	14.37	2,493.94	-2,215.48	1,966.44	1,935.60	30.85	63.747		
4,400.00	4,102.00	4,093.83	4,081.82	30.48	13.49	14.77	2,494.23	-2,213.66	1,924.44	1,892.79	31.65	60.800		
4,500.00	4,192.59	4,183.13	4,171.11	31.34	13.79	15.14	2,494.47	-2,212.03	1,882.51	1,850.05	32.46	58.003		
4,600.00	4,283.18	4,272.48	4,260.44	32.20	14.08	15.53	2,494.72	-2,210.45	1,840.68	1,807.41	33.27	55.332		
4,700.00	4,373.78	4,362.45	4,350.40	33.06	14.37	15.93	2,494.92	-2,208.96	1,798.95	1,764.86	34.09	52.771		
4,800.00	4,464.37	4,452.76	4,440.70	33.92	14.68	16.34	2,494.94	-2,207.73	1,757.30	1,722.37	34.92	50.321		
4,900.00	4,554.96	4,543.15	4,531.08	34.78	14.98	16.76	2,494.77	-2,206.76	1,715.71	1,679.95	35.76	47.977		
5,000.00	4,645.55	4,625.90	4,613.83	35.64	15.26	17.16	2,494.53	-2,206.14	1,674.30	1,637.69	36.61	45.732		
5,100.00	4,736.14	4,702.17	4,690.10	36.51	15.51	17.54	2,494.80	-2,205.90	1,633.66	1,596.19	37.48	43.593		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,779.02	4,766.95	37.37	15.77	17.93	2,495.64	-2,206.00	1,593.91	1,555.56	38.35	41.560		
5,300.00	4,917.33	4,856.45	4,844.36	38.23	16.03	18.35	2,497.07	-2,206.45	1,555.05	1,515.80	39.24	39.626		
5,400.00	5,007.92	4,945.44	4,933.32	39.09	16.33	18.85	2,499.08	-2,207.38	1,516.83	1,476.68	40.15	37.784		
5,500.00	5,098.51	5,071.36	5,059.23	39.95	16.75	19.58	2,500.69	-2,208.38	1,477.90	1,436.86	41.04	36.012		
5,600.00	5,189.11	5,161.35	5,149.22	40.81	17.06	20.13	2,500.88	-2,208.58	1,437.93	1,395.96	41.97	34.261		
5,700.00	5,279.70	5,254.44	5,242.31	41.68	17.38	20.73	2,500.85	-2,208.84	1,397.91	1,355.00	42.91	32.576		
5,800.00	5,370.29	5,347.44	5,335.30	42.54	17.71	21.35	2,500.60	-2,209.17	1,357.87	1,314.00	43.87	30.953		
5,900.00	5,460.88	5,435.37	5,423.23	43.40	18.01	21.97	2,500.37	-2,209.48	1,317.98	1,273.13	44.85	29.384		
6,000.00	5,551.47	5,523.48	5,511.34	44.26	18.31	22.65	2,500.38	-2,209.73	1,278.43	1,232.56	45.86	27.875		
6,100.00	5,642.07	5,611.69	5,599.56	45.13	18.62	23.36	2,500.62	-2,209.93	1,239.22	1,192.32	46.90	26.423		
6,200.00	5,732.66	5,700.39	5,688.25	45.99	18.92	24.14	2,501.05	-2,210.14	1,200.39	1,152.42	47.96	25.028		
6,300.00	5,823.25	5,789.33	5,777.19	46.85	19.23	24.96	2,501.58	-2,210.46	1,161.91	1,112.86	49.05	23.686		
6,400.00	5,913.84	5,878.42	5,866.28	47.72	19.53	25.83	2,502.21	-2,210.91	1,123.82	1,073.64	50.18	22.396		
6,500.00	6,004.44	5,967.44	5,955.29	48.58	19.83	26.75	2,502.97	-2,211.44	1,086.13	1,034.79	51.34	21.155		
6,600.00	6,095.03	7,732.87	7,001.16	49.44	30.79	-110.83	1,510.47	-2,229.35	1,040.31	1,005.68	34.63	30.038		
6,700.00	6,185.62	7,707.94	7,001.69	50.30	30.49	-109.42	1,535.38	-2,230.25	945.68	910.32	35.37	26.738		
6,800.00	6,276.21	7,668.74	7,002.48	51.17	30.05	-106.72	1,574.54	-2,231.79	851.22	815.54	35.68	23.857		
6,900.00	6,366.80	7,624.51	7,002.44	52.03	29.55	-102.60	1,618.73	-2,233.69	756.40	720.54	35.86	21.093		
7,000.00	6,457.40	7,589.43	7,001.72	52.89	29.17	-98.17	1,653.76	-2,235.32	661.39	624.82	36.57	18.085		
7,100.00	6,545.60	7,561.30	7,000.95	53.85	28.87	-111.93	1,681.85	-2,236.62	565.61	528.22	37.39	15.128		
7,200.00	6,626.13	7,535.19	7,000.16	55.05	28.60	-143.91	1,707.92	-2,237.83	469.04	432.10	36.94	12.699		
7,300.00	6,696.49	7,512.50	6,999.41	56.46	28.35	-166.62	1,730.58	-2,238.86	375.48	341.08	34.40	10.915		
7,400.00	6,754.56	7,489.65	6,998.54	58.05	28.13	-178.08	1,753.38	-2,239.89	292.62	263.61	29.01	10.088		
7,500.00	6,798.57	7,471.83	6,997.69	59.78	27.95	-176.56	1,771.17	-2,240.68	236.55	207.13	29.42	8.041		
7,559.80	6,817.59	7,463.44	6,997.24	60.85	27.87	-174.80	1,779.53	-2,241.05	225.98	187.20	38.78	5.827 CC		
7,600.00	6,827.18	7,458.73	6,996.97	61.58	27.82	-174.00	1,784.23	-2,241.26	230.84	184.07	46.77	4.935 ES		
7,700.00	6,839.51	7,450.17	6,996.45	63.39	27.73	-173.15	1,792.77	-2,241.64	279.29	217.80	61.49	4.542 SF		
7,800.00	6,840.00	7,444.78	6,996.11	65.19	27.68	-172.03	1,798.14	-2,241.87	357.39	289.54	67.85	5.267		
7,900.00	6,840.00	7,439.55	6,995.76	67.04	27.63	-170.51	1,803.36	-2,242.10	444.53	373.75	70.78	6.281		
8,000.00	6,840.00	7,434.35	6,995.40	68.95	27.58	-169.00	1,808.54	-2,242.33	536.13	463.87	72.26	7.420		
8,100.00	6,840.00	7,429.18	6,995.04	70.91	27.53	-167.50	1,813.69	-2,242.55	630.25	557.18	73.07	8.625		
8,200.00	6,840.00	7,424.05	6,994.66	72.91	27.48	-166.03	1,818.81	-2,242.77	725.91	652.35	73.55	9.869		
8,300.00	6,840.00	7,418.94	6,994.27	74.96	27.43	-164.58	1,823.90	-2,242.99	822.57	748.71	73.86	11.137		
8,400.00	6,840.00	7,413.86	6,993.86	77.05	27.37	-163.15	1,828.95	-2,243.21	919.92	845.86	74.06	12.421		
8,500.00	6,840.00	7,409.73	6,993.53	79.18	27.34	-161.99	1,833.06	-2,243.38	1,017.77	943.59	74.18	13.720		
8,600.00	6,840.00	7,405.90	6,993.23	81.34	27.30	-160.93	1,836.88	-2,243.54	1,115.97	1,041.72	74.25	15.029		
8,700.00	6,840.00	7,402.17	6,992.93	83.54	27.26	-159.91	1,840.60	-2,243.70	1,214.46	1,140.16	74.31	16.344		
8,800.00	6,840.00	7,398.55	6,992.64	85.76	27.23	-158.93	1,844.20	-2,243.84	1,313.17	1,238.82	74.35	17.663		
8,900.00	6,840.00	7,395.02	6,992.37	88.02	27.20	-157.98	1,847.71	-2,243.98	1,412.04	1,337.66	74.38	18.985		
9,000.00	6,840.00	7,391.60	6,992.10	90.30	27.16	-157.07	1,851.13	-2,244.12	1,511.05	1,436.65	74.40	20.309		
9,100.00	6,840.00	7,388.08	6,991.82	92.60	27.13	-156.14	1,854.63	-2,244.25	1,610.18	1,535.75	74.43	21.634		
9,200.00	6,840.00	7,383.92	6,991.48	94.93	27.09	-155.06	1,858.77	-2,244.41	1,709.39	1,634.92	74.47	22.954		
9,300.00	6,840.00	7,379.83	6,991.13	97.28	27.06	-154.01	1,862.85	-2,244.56	1,808.69	1,734.18	74.51	24.274		
9,400.00	6,840.00	7,375.85	6,990.77	99.65	27.02	-153.00	1,866.80	-2,244.71	1,908.05	1,833.50	74.55	25.595		
9,500.00	6,840.00	7,371.99	6,990.40	102.03	26.98	-152.03	1,870.65	-2,244.85	2,007.46	1,932.88	74.58	26.916		
9,600.00	6,840.00	7,368.22	6,990.02	104.43	26.95	-151.10	1,874.39	-2,244.99	2,106.93	2,032.31	74.62	28.237		
9,700.00	6,840.00	7,364.56	6,989.63	106.85	26.91	-150.20	1,878.03	-2,245.11	2,206.43	2,131.78	74.65	29.557		
9,800.00	6,840.00	7,361.00	6,989.25	109.29	26.88	-149.33	1,881.57	-2,245.24	2,305.97	2,231.29	74.68	30.877		
9,900.00	6,840.00	7,357.53	6,988.85	111.73	26.85	-148.50	1,885.02	-2,245.36	2,405.54	2,330.83	74.71	32.197		
10,000.00	6,840.00	6,956.54	6,849.04	114.19	23.89	95.45	2,254.13	-2,282.78	2,504.03	2,421.34	82.69	30.282		
10,100.00	6,840.00	6,939.45	6,838.83	116.66	23.80	94.13	2,267.62	-2,285.19	2,602.16	2,519.34	82.82	31.419		
10,200.00	6,840.00	6,922.94	6,828.62	119.15	23.71	92.88	2,280.39	-2,287.48	2,700.34	2,617.40	82.94	32.559		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,910.00	6,820.38	121.64	23.65	91.92	2,290.20	-2,289.24	2,798.57	2,715.58	82.99	33.723		
10,400.00	6,840.00	6,910.00	6,820.38	124.14	23.65	91.92	2,290.20	-2,289.24	2,896.89	2,814.06	82.83	34.974		
10,500.00	6,840.00	6,910.00	6,820.38	126.65	23.65	91.92	2,290.20	-2,289.24	2,995.33	2,912.64	82.69	36.226		
10,600.00	6,840.00	6,910.00	6,820.38	129.18	23.65	91.92	2,290.20	-2,289.24	3,093.86	3,011.31	82.55	37.479		
10,700.00	6,840.00	6,891.42	6,808.18	131.70	23.56	90.56	2,304.02	-2,291.62	3,192.32	3,109.60	82.72	38.594		
10,800.00	6,840.00	6,887.58	6,805.61	134.24	23.54	90.28	2,306.83	-2,292.07	3,290.95	3,208.30	82.65	39.817		
10,900.00	6,840.00	6,883.95	6,803.16	136.79	23.52	90.02	2,309.48	-2,292.49	3,389.65	3,307.06	82.59	41.040		
11,000.00	6,840.00	6,880.49	6,800.81	139.34	23.50	89.77	2,311.99	-2,292.88	3,488.41	3,405.88	82.54	42.265		
11,100.00	6,840.00	6,862.00	6,788.03	141.90	23.41	88.45	2,325.21	-2,294.78	3,587.34	3,504.65	82.70	43.379		
11,200.00	6,840.00	6,862.00	6,788.03	144.46	23.41	88.45	2,325.21	-2,294.78	3,686.18	3,603.58	82.60	44.626		
11,300.00	6,840.00	6,862.00	6,788.03	147.03	23.41	88.45	2,325.21	-2,294.78	3,785.07	3,702.56	82.51	45.874		
11,400.00	6,840.00	6,862.00	6,788.03	149.60	23.41	88.45	2,325.21	-2,294.78	3,884.02	3,801.60	82.43	47.122		
11,500.00	6,840.00	6,862.00	6,788.03	152.18	23.41	88.45	2,325.21	-2,294.78	3,983.02	3,900.68	82.35	48.369		
11,600.00	6,840.00	6,862.00	6,788.03	154.77	23.41	88.45	2,325.21	-2,294.78	4,082.08	3,999.80	82.27	49.617		
11,700.00	6,840.00	6,862.00	6,788.03	157.36	23.41	88.45	2,325.21	-2,294.78	4,181.17	4,098.97	82.20	50.864		
11,800.00	6,840.00	6,862.00	6,788.03	159.95	23.41	88.45	2,325.21	-2,294.78	4,280.31	4,198.17	82.14	52.111		
11,900.00	6,840.00	6,862.00	6,788.03	162.55	23.41	88.45	2,325.21	-2,294.78	4,379.49	4,297.41	82.08	53.358		
12,000.00	6,840.00	6,862.00	6,788.03	165.16	23.41	88.45	2,325.21	-2,294.78	4,478.70	4,396.68	82.02	54.605		
12,100.00	6,840.00	6,862.00	6,788.03	167.76	23.41	88.45	2,325.21	-2,294.78	4,577.95	4,495.98	81.97	55.851		
12,200.00	6,840.00	6,862.00	6,788.03	170.37	23.41	88.45	2,325.21	-2,294.78	4,677.23	4,595.31	81.92	57.096		
12,300.00	6,840.00	6,844.61	6,775.68	172.99	23.33	87.24	2,337.35	-2,296.34	4,776.42	4,694.33	82.09	58.184		
12,400.00	6,840.00	6,842.35	6,774.05	175.60	23.32	87.08	2,338.91	-2,296.52	4,875.73	4,793.65	82.08	59.405		
12,500.00	6,840.00	6,840.16	6,772.48	178.23	23.31	86.93	2,340.42	-2,296.70	4,975.06	4,893.00	82.06	60.626		
12,600.00	6,840.00	6,838.06	6,770.95	180.85	23.30	86.78	2,341.86	-2,296.87	5,074.41	4,992.36	82.05	61.846		
12,700.00	6,840.00	6,836.02	6,769.47	183.47	23.29	86.64	2,343.26	-2,297.03	5,173.79	5,091.75	82.04	63.066		
12,800.00	6,840.00	6,834.05	6,768.04	186.10	23.28	86.51	2,344.60	-2,297.18	5,273.18	5,191.15	82.03	64.285		
12,900.00	6,840.00	6,816.00	6,754.76	188.74	23.20	85.29	2,356.76	-2,298.45	5,372.70	5,290.49	82.20	65.357		
13,000.00	6,840.00	6,816.00	6,754.76	191.37	23.20	85.29	2,356.76	-2,298.45	5,472.11	5,389.93	82.18	66.590		
13,100.00	6,840.00	6,816.00	6,754.76	194.01	23.20	85.29	2,356.76	-2,298.45	5,571.54	5,489.39	82.15	67.822		
13,200.00	6,840.00	6,816.00	6,754.76	196.65	23.20	85.29	2,356.76	-2,298.45	5,671.00	5,588.87	82.13	69.053		
13,300.00	6,840.00	6,816.00	6,754.76	199.29	23.20	85.29	2,356.76	-2,298.45	5,770.47	5,688.36	82.10	70.283		
13,400.00	6,840.00	6,816.00	6,754.76	201.93	23.20	85.29	2,356.76	-2,298.45	5,869.96	5,787.87	82.08	71.512		
13,500.00	6,840.00	6,816.00	6,754.76	204.58	23.20	85.29	2,356.76	-2,298.45	5,969.46	5,887.40	82.07	72.739		
13,600.00	6,840.00	6,816.00	6,754.76	207.22	23.20	85.29	2,356.76	-2,298.45	6,068.99	5,986.93	82.05	73.966		
13,700.00	6,840.00	6,816.00	6,754.76	209.87	23.20	85.29	2,356.76	-2,298.45	6,168.52	6,086.49	82.04	75.192		
13,800.00	6,840.00	6,816.00	6,754.76	212.52	23.20	85.29	2,356.76	-2,298.45	6,268.08	6,186.05	82.03	76.416		
13,900.00	6,840.00	6,816.00	6,754.76	215.18	23.20	85.29	2,356.76	-2,298.45	6,367.64	6,285.63	82.02	77.639		
14,000.00	6,840.00	6,816.00	6,754.76	217.83	23.20	85.29	2,356.76	-2,298.45	6,467.22	6,385.22	82.01	78.861		
14,100.00	6,840.00	6,816.00	6,754.76	220.49	23.20	85.29	2,356.76	-2,298.45	6,566.82	6,484.82	82.00	80.082		
14,200.00	6,840.00	6,816.00	6,754.76	223.15	23.20	85.29	2,356.76	-2,298.45	6,666.42	6,584.43	82.00	81.302		
14,300.00	6,840.00	6,816.00	6,754.76	225.81	23.20	85.29	2,356.76	-2,298.45	6,766.04	6,684.05	81.99	82.520		
14,400.00	6,840.00	6,816.00	6,754.76	228.47	23.20	85.29	2,356.76	-2,298.45	6,865.67	6,783.68	81.99	83.737		
14,500.00	6,840.00	6,816.00	6,754.76	231.13	23.20	85.29	2,356.76	-2,298.45	6,965.31	6,883.31	81.99	84.953		
14,600.00	6,840.00	6,816.00	6,754.76	233.79	23.20	85.29	2,356.76	-2,298.45	7,064.95	6,982.96	81.99	86.167		
14,700.00	6,840.00	6,816.00	6,754.76	236.46	23.20	85.29	2,356.76	-2,298.45	7,164.61	7,082.62	81.99	87.380		
14,800.00	6,840.00	6,816.00	6,754.76	239.12	23.20	85.29	2,356.76	-2,298.45	7,264.28	7,182.28	82.00	88.591		
14,900.00	6,840.00	6,816.00	6,754.76	241.79	23.20	85.29	2,356.76	-2,298.45	7,363.96	7,281.95	82.00	89.801		
15,000.00	6,840.00	6,816.00	6,754.76	244.46	23.20	85.29	2,356.76	-2,298.45	7,463.64	7,381.63	82.01	91.009		
15,100.00	6,840.00	6,816.00	6,754.76	247.13	23.20	85.29	2,356.76	-2,298.45	7,563.34	7,481.32	82.02	92.216		
15,200.00	6,840.00	6,816.00	6,754.76	249.80	23.20	85.29	2,356.76	-2,298.45	7,663.04	7,581.01	82.03	93.422		
15,300.00	6,840.00	6,816.00	6,754.76	252.47	23.20	85.29	2,356.76	-2,298.45	7,762.75	7,680.71	82.04	94.626		
15,400.00	6,840.00	6,816.00	6,754.76	255.15	23.20	85.29	2,356.76	-2,298.45	7,862.47	7,780.42	82.05	95.828		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,816.00	6,754.76	257.82	23.20	85.29	2,356.76	-2,298.45	7,962.19	7,880.13	82.06	97.029		
15,600.00	6,840.00	6,816.00	6,754.76	260.50	23.20	85.29	2,356.76	-2,298.45	8,061.92	7,979.85	82.07	98.228		
15,700.00	6,840.00	6,816.00	6,754.76	263.17	23.20	85.29	2,356.76	-2,298.45	8,161.66	8,079.57	82.09	99.426		
15,800.00	6,840.00	6,816.00	6,754.76	265.85	23.20	85.29	2,356.76	-2,298.45	8,261.40	8,179.30	82.10	100.622		
15,900.00	6,840.00	6,816.00	6,754.76	268.53	23.20	85.29	2,356.76	-2,298.45	8,361.15	8,279.03	82.12	101.816		
16,000.00	6,840.00	6,816.00	6,754.76	271.20	23.20	85.29	2,356.76	-2,298.45	8,460.91	8,378.77	82.14	103.009		
16,100.00	6,840.00	6,795.78	6,739.49	273.88	23.10	83.94	2,369.96	-2,299.58	8,560.50	8,478.15	82.35	103.954		
16,200.00	6,840.00	6,795.09	6,738.96	276.56	23.10	83.90	2,370.40	-2,299.61	8,660.25	8,577.88	82.37	105.133		
16,300.00	6,840.00	6,794.42	6,738.45	279.25	23.09	83.85	2,370.83	-2,299.64	8,760.01	8,677.61	82.40	106.311		
16,400.00	6,840.00	6,793.76	6,737.94	281.93	23.09	83.81	2,371.25	-2,299.67	8,859.78	8,777.35	82.43	107.487		
16,500.00	6,840.00	6,793.12	6,737.45	284.61	23.09	83.77	2,371.66	-2,299.70	8,959.55	8,877.09	82.45	108.661		
16,600.00	6,840.00	6,792.49	6,736.96	287.29	23.09	83.73	2,372.06	-2,299.73	9,059.32	8,976.84	82.48	109.834		
16,700.00	6,840.00	6,791.88	6,736.49	289.98	23.08	83.69	2,372.45	-2,299.76	9,159.10	9,076.59	82.51	111.005		
16,800.00	6,840.00	6,791.27	6,736.02	292.66	23.08	83.65	2,372.83	-2,299.79	9,258.88	9,176.34	82.54	112.175		
16,900.00	6,840.00	6,790.68	6,735.57	295.35	23.08	83.61	2,373.21	-2,299.81	9,358.67	9,276.10	82.57	113.342		
17,000.00	6,840.00	6,790.11	6,735.12	298.03	23.07	83.57	2,373.57	-2,299.84	9,458.47	9,375.86	82.60	114.508		
17,100.00	6,840.00	6,789.54	6,734.68	300.72	23.07	83.53	2,373.93	-2,299.86	9,558.26	9,475.63	82.63	115.672		
17,200.00	6,840.00	6,788.98	6,734.25	303.41	23.07	83.49	2,374.28	-2,299.89	9,658.06	9,575.40	82.66	116.835		
17,300.00	6,840.00	6,768.00	6,717.77	306.09	22.97	82.12	2,387.24	-2,300.59	9,758.04	9,675.18	82.87	117.756		
17,400.00	6,840.00	6,768.00	6,717.77	308.78	22.97	82.12	2,387.24	-2,300.59	9,857.84	9,774.95	82.89	118.920		
17,500.00	6,840.00	6,768.00	6,717.77	311.47	22.97	82.12	2,387.24	-2,300.59	9,957.65	9,874.72	82.92	120.082		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-38.92	2,643.84	-2,134.72	3,398.08					
100.00	100.00	62.00	62.00	0.13	0.11	-38.92	2,643.84	-2,134.72	3,398.08	3,397.84	0.24	N/A		
200.00	200.00	162.00	162.00	0.49	0.28	-38.92	2,643.84	-2,134.72	3,398.08	3,397.31	0.77	4,410.618		
300.00	300.00	262.00	262.00	0.85	0.45	-38.92	2,643.84	-2,134.72	3,398.08	3,396.78	1.30	2,613.465		
400.00	400.00	362.00	362.00	1.21	0.62	-38.92	2,643.84	-2,134.72	3,398.08	3,396.25	1.83	1,856.866		
500.00	499.98	461.98	461.98	1.57	0.79	10.35	2,643.84	-2,134.72	3,396.36	3,394.00	2.36	1,440.428		
600.00	599.84	561.84	561.84	1.93	0.96	10.39	2,643.84	-2,134.72	3,391.21	3,388.33	2.89	1,174.198		
700.00	699.45	661.45	661.45	2.29	1.13	10.45	2,643.84	-2,134.72	3,382.64	3,379.22	3.42	988.758		
800.00	798.70	738.59	738.59	2.67	1.38	10.52	2,644.02	-2,134.81	3,370.92	3,366.90	4.03	836.774		
900.00	897.47	813.00	812.99	3.07	1.64	10.61	2,644.73	-2,135.20	3,356.58	3,351.92	4.66	720.007		
1,000.00	995.62	917.71	917.69	3.50	2.02	10.75	2,646.06	-2,135.78	3,339.14	3,333.73	5.41	617.345		
1,100.00	1,093.06	1,024.88	1,024.86	3.97	2.40	10.92	2,647.30	-2,136.03	3,318.05	3,311.89	6.17	537.867		
1,200.00	1,189.64	1,131.86	1,131.83	4.47	2.78	11.13	2,648.40	-2,135.96	3,293.36	3,286.43	6.93	475.337		
1,300.00	1,285.27	1,238.90	1,238.87	5.01	3.15	11.36	2,649.10	-2,135.82	3,265.05	3,257.36	7.69	424.765		
1,400.00	1,379.82	1,344.56	1,344.53	5.61	3.52	11.63	2,649.35	-2,135.65	3,233.16	3,224.72	8.45	382.830		
1,500.00	1,473.17	1,432.48	1,432.45	6.25	3.82	11.91	2,649.38	-2,135.54	3,197.94	3,188.79	9.15	349.444		
1,600.00	1,565.21	1,515.65	1,515.62	6.96	4.11	12.21	2,649.64	-2,135.51	3,159.82	3,149.97	9.85	320.808		
1,700.00	1,656.01	1,597.89	1,597.85	7.72	4.40	12.47	2,650.13	-2,135.56	3,119.18	3,108.63	10.55	295.576		
1,800.00	1,746.60	1,679.92	1,679.88	8.50	4.69	12.62	2,650.84	-2,135.71	3,078.39	3,067.14	11.26	273.505		
1,900.00	1,837.19	1,741.00	1,740.96	9.30	4.91	12.75	2,651.48	-2,135.92	3,037.97	3,026.07	11.90	255.265		
2,000.00	1,927.79	1,790.85	1,790.80	10.12	5.09	12.85	2,652.46	-2,136.47	2,998.71	2,986.19	12.52	239.525		
2,100.00	2,018.38	1,836.00	1,835.90	10.93	5.25	12.94	2,654.07	-2,137.53	2,961.10	2,947.97	13.13	225.508		
2,200.00	2,108.97	1,893.78	1,893.59	11.76	5.45	13.06	2,656.83	-2,139.30	2,924.82	2,911.03	13.79	212.081		
2,300.00	2,199.56	1,951.69	1,951.37	12.59	5.66	13.18	2,660.13	-2,141.22	2,889.51	2,875.05	14.46	199.841		
2,400.00	2,290.15	2,000.38	1,999.90	13.43	5.84	13.30	2,663.64	-2,143.08	2,855.60	2,840.49	15.10	189.061		
2,500.00	2,380.75	2,054.90	2,054.16	14.26	6.04	13.43	2,668.45	-2,145.39	2,823.15	2,807.37	15.77	178.966		
2,600.00	2,471.34	2,120.00	2,118.84	15.11	6.27	13.62	2,675.37	-2,147.92	2,791.93	2,775.45	16.49	169.345		
2,700.00	2,561.93	2,160.97	2,159.46	15.95	6.43	13.74	2,680.46	-2,149.53	2,762.14	2,745.02	17.12	161.295		
2,800.00	2,652.52	2,215.00	2,212.87	16.80	6.63	13.92	2,688.21	-2,151.97	2,734.17	2,716.36	17.81	153.507		
2,900.00	2,743.12	2,245.93	2,243.35	17.64	6.75	14.02	2,693.20	-2,153.61	2,708.03	2,689.61	18.42	147.004		
3,000.00	2,833.71	2,284.99	2,281.72	18.49	6.90	14.15	2,700.09	-2,156.10	2,684.00	2,664.94	19.06	140.815		
3,100.00	2,924.30	2,351.49	2,346.76	19.35	7.17	14.39	2,713.04	-2,160.97	2,661.92	2,642.11	19.80	134.417		
3,200.00	3,014.89	2,435.72	2,429.10	20.20	7.51	14.70	2,729.96	-2,166.40	2,640.13	2,619.51	20.62	128.032		
3,300.00	3,105.48	2,500.00	2,491.71	21.05	7.78	14.96	2,743.95	-2,170.39	2,619.60	2,598.23	21.37	122.585		
3,400.00	3,196.08	2,600.37	2,589.32	21.91	8.21	15.38	2,766.48	-2,176.51	2,599.76	2,577.49	22.27	116.740		
3,500.00	3,286.67	2,649.22	2,636.74	22.76	8.43	15.59	2,777.82	-2,179.61	2,580.76	2,557.79	22.97	112.351		
3,600.00	3,377.26	2,708.38	2,693.91	23.62	8.70	15.85	2,792.45	-2,183.78	2,563.53	2,539.82	23.72	108.097		
3,700.00	3,467.85	2,799.29	2,781.60	24.47	9.12	16.25	2,815.39	-2,190.72	2,547.25	2,522.65	24.60	103.544		
3,800.00	3,558.45	2,929.63	2,907.56	25.33	9.74	16.83	2,847.54	-2,200.25	2,530.44	2,504.77	25.67	98.594		
3,900.00	3,649.04	3,108.37	3,081.57	26.19	10.59	17.60	2,886.34	-2,212.54	2,510.58	2,483.65	26.92	93.252		
4,000.00	3,739.63	3,164.00	3,135.76	27.05	10.85	17.84	2,898.35	-2,216.29	2,491.12	2,463.44	27.69	89.972		
4,100.00	3,830.22	3,525.91	3,491.47	27.90	12.46	19.25	2,958.84	-2,240.81	2,468.66	2,439.15	29.51	83.643		
4,200.00	3,920.81	3,624.51	3,589.37	28.76	12.86	19.62	2,969.37	-2,246.00	2,439.59	2,409.16	30.43	80.176		
4,300.00	4,011.41	3,781.62	3,745.54	29.62	13.49	20.23	2,985.14	-2,252.73	2,409.67	2,378.18	31.49	76.516		
4,400.00	4,102.00	4,114.23	4,077.64	30.48	14.63	21.68	2,998.80	-2,253.85	2,371.42	2,338.66	32.76	72.386		
4,500.00	4,192.59	4,215.99	4,179.40	31.34	14.94	22.13	2,998.56	-2,252.58	2,330.87	2,297.24	33.63	69.303		
4,600.00	4,283.18	4,317.40	4,280.79	32.20	15.26	22.59	2,997.74	-2,251.31	2,289.98	2,255.47	34.51	66.358		
4,700.00	4,373.78	4,399.53	4,362.92	33.06	15.51	22.98	2,996.98	-2,250.45	2,249.18	2,213.80	35.38	63.572		
4,800.00	4,464.37	4,484.46	4,447.84	33.92	15.76	23.38	2,996.26	-2,249.84	2,208.68	2,172.42	36.26	60.911		
4,900.00	4,554.96	4,569.64	4,533.02	34.78	16.02	23.79	2,995.61	-2,249.51	2,168.51	2,131.36	37.15	58.369		
5,000.00	4,645.55	4,669.03	4,632.40	35.64	16.33	24.29	2,994.79	-2,249.16	2,128.42	2,090.36	38.06	55.928		
5,100.00	4,736.14	4,771.42	4,734.78	36.51	16.64	24.83	2,993.56	-2,248.29	2,087.93	2,048.96	38.97	53.577		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,873.15	4,836.49	37.37	16.95	25.40	2,991.94	-2,246.87	2,047.05	2,007.16	39.90	51.310		
5,300.00	4,917.33	4,953.50	4,916.81	38.23	17.20	25.88	2,990.68	-2,245.61	2,006.27	1,965.42	40.85	49.118		
5,400.00	5,007.92	5,046.01	5,009.31	39.09	17.49	26.44	2,989.34	-2,244.37	1,965.81	1,924.01	41.80	47.024		
5,500.00	5,098.51	5,140.86	5,104.14	39.95	17.79	27.02	2,987.52	-2,243.47	1,925.29	1,882.52	42.77	45.014		
5,600.00	5,189.11	5,235.70	5,198.95	40.81	18.08	27.61	2,985.26	-2,242.95	1,884.69	1,840.94	43.75	43.081		
5,700.00	5,279.70	5,305.04	5,268.27	41.68	18.30	28.06	2,983.70	-2,242.80	1,844.51	1,799.75	44.76	41.206		
5,800.00	5,370.29	5,378.47	5,341.70	42.54	18.53	28.55	2,983.06	-2,242.82	1,805.67	1,759.88	45.80	39.427		
5,900.00	5,460.88	5,468.49	5,431.72	43.40	18.82	29.17	2,982.39	-2,243.23	1,767.31	1,720.47	46.84	37.733		
6,000.00	5,551.47	5,558.72	5,521.94	44.26	19.11	29.80	2,981.57	-2,244.08	1,729.15	1,681.26	47.89	36.106		
6,100.00	5,642.07	5,651.09	5,614.29	45.13	19.41	30.45	2,980.55	-2,245.39	1,691.19	1,642.24	48.96	34.545		
6,200.00	5,732.66	5,750.93	5,714.11	45.99	19.73	31.19	2,979.11	-2,246.67	1,653.10	1,603.07	50.03	33.042		
6,300.00	5,823.25	5,850.21	5,813.37	46.85	20.05	31.97	2,977.25	-2,247.51	1,614.71	1,563.59	51.13	31.582		
6,400.00	5,913.84	5,948.91	5,912.04	47.72	20.37	32.80	2,974.98	-2,247.93	1,576.08	1,523.83	52.25	30.164		
6,500.00	6,004.44	6,030.07	5,993.19	48.58	20.63	33.52	2,973.35	-2,248.15	1,537.88	1,484.44	53.44	28.779		
6,600.00	6,095.03	6,115.72	6,078.83	49.44	20.91	34.33	2,971.87	-2,248.27	1,500.19	1,445.54	54.65	27.452		
6,700.00	6,185.62	6,202.51	6,165.61	50.30	21.19	35.18	2,970.67	-2,248.29	1,463.08	1,407.19	55.89	26.178		
6,800.00	6,276.21	6,283.05	6,246.14	51.17	21.46	36.03	2,969.82	-2,247.96	1,426.50	1,369.31	57.19	24.944		
6,900.00	6,366.80	6,314.81	6,277.89	52.03	21.57	36.38	2,970.17	-2,247.89	1,392.53	1,333.95	58.58	23.771		
7,000.00	6,457.40	6,341.00	6,304.03	52.89	21.66	36.69	2,971.83	-2,247.79	1,363.30	1,303.37	59.92	22.751		
7,100.00	6,545.60	6,365.75	6,328.61	53.85	21.76	36.98	2,974.67	-2,247.51	1,338.10	1,276.71	61.39	21.798		
7,200.00	6,626.13	6,388.00	6,350.55	55.05	21.85	37.28	2,978.32	-2,247.00	1,316.26	1,252.97	63.29	20.798		
7,300.00	6,696.49	6,414.56	6,376.54	56.46	21.96	37.58	2,983.77	-2,246.20	1,298.91	1,233.20	65.70	19.770		
7,400.00	6,754.56	6,436.00	6,397.35	58.05	22.05	38.00	2,988.85	-2,245.51	1,287.26	1,218.70	68.56	18.777		
7,500.00	6,798.57	6,454.15	6,414.86	59.78	22.13	38.50	2,993.57	-2,244.94	1,282.48	1,210.68	71.80	17.862		
7,513.57	6,803.38	6,456.14	6,416.78	60.02	22.14	38.75	2,994.11	-2,244.88	1,282.40	1,210.14	72.27	17.745 CC		
7,600.00	6,827.18	6,465.89	6,426.15	61.58	22.18	39.00	2,996.81	-2,244.62	1,285.36	1,210.09	75.27	17.077 ES		
7,700.00	6,839.51	6,470.44	6,430.51	63.39	22.20	39.25	2,998.10	-2,244.50	1,296.20	1,217.45	78.76	16.458		
7,800.00	6,840.00	6,469.62	6,429.72	65.19	22.20	39.50	2,997.86	-2,244.52	1,314.71	1,232.64	82.07	16.018		
7,900.00	6,840.00	6,468.55	6,428.70	67.04	22.19	39.75	2,997.56	-2,244.55	1,340.44	1,255.32	85.12	15.747		
8,000.00	6,840.00	6,467.46	6,427.66	68.95	22.19	40.00	2,997.25	-2,244.58	1,372.99	1,285.13	87.86	15.627 SF		
8,100.00	6,840.00	6,466.35	6,426.58	70.91	22.18	40.25	2,996.93	-2,244.61	1,411.88	1,321.62	90.26	15.642		
8,200.00	6,840.00	6,465.20	6,425.49	72.91	22.18	40.50	2,996.61	-2,244.64	1,456.61	1,364.27	92.34	15.775		
8,300.00	6,840.00	6,464.03	6,424.36	74.96	22.17	40.75	2,996.29	-2,244.67	1,506.66	1,412.56	94.10	16.012		
8,400.00	6,840.00	6,462.83	6,423.21	77.05	22.17	41.00	2,995.95	-2,244.70	1,561.51	1,465.94	95.57	16.339		
8,500.00	6,840.00	6,461.61	6,422.04	79.18	22.16	41.25	2,995.61	-2,244.73	1,620.68	1,523.89	96.78	16.745		
8,600.00	6,840.00	6,460.35	6,420.83	81.34	22.16	41.50	2,995.26	-2,244.77	1,683.71	1,585.94	97.77	17.221		
8,700.00	6,840.00	6,459.06	6,419.59	83.54	22.15	41.75	2,994.91	-2,244.80	1,750.18	1,651.62	98.56	17.757		
8,800.00	6,840.00	6,457.74	6,418.32	85.76	22.14	42.00	2,994.55	-2,244.84	1,819.73	1,720.54	99.19	18.346		
8,900.00	6,840.00	6,456.39	6,417.02	88.02	22.14	42.25	2,994.18	-2,244.88	1,892.00	1,792.32	99.68	18.981		
9,000.00	6,840.00	6,455.00	6,415.68	90.30	22.13	42.50	2,993.80	-2,244.92	1,966.70	1,866.65	100.05	19.657		
9,100.00	6,840.00	6,453.57	6,414.31	92.60	22.13	42.75	2,993.42	-2,244.96	2,043.57	1,943.25	100.32	20.370		
9,200.00	6,840.00	6,452.11	6,412.90	94.93	22.12	43.00	2,993.03	-2,245.00	2,122.36	2,021.84	100.51	21.115		
9,300.00	6,840.00	6,450.61	6,411.45	97.28	22.11	43.25	2,992.63	-2,245.05	2,202.87	2,102.23	100.64	21.889		
9,400.00	6,840.00	6,449.06	6,409.97	99.65	22.11	43.50	2,992.22	-2,245.09	2,284.92	2,184.21	100.71	22.688		
9,500.00	6,840.00	6,447.48	6,408.44	102.03	22.10	43.75	2,991.80	-2,245.14	2,368.34	2,267.61	100.74	23.510		
9,600.00	6,840.00	6,445.85	6,406.86	104.43	22.09	44.00	2,991.37	-2,245.19	2,453.01	2,352.28	100.73	24.353		
9,700.00	6,840.00	6,444.17	6,405.25	106.85	22.08	44.25	2,990.94	-2,245.24	2,538.79	2,438.10	100.69	25.214		
9,800.00	6,840.00	6,436.00	6,397.35	109.29	22.05	44.50	2,988.85	-2,245.51	2,625.59	2,525.06	100.52	26.119		
9,900.00	6,840.00	6,436.00	6,397.35	111.73	22.05	44.75	2,988.85	-2,245.51	2,713.27	2,612.80	100.47	27.006		
10,000.00	6,840.00	6,436.00	6,397.35	114.19	22.05	45.00	2,988.85	-2,245.51	2,801.78	2,701.38	100.40	27.906		
10,100.00	6,840.00	6,436.00	6,397.35	116.66	22.05	45.25	2,988.85	-2,245.51	2,891.04	2,790.72	100.32	28.818		
10,200.00	6,840.00	6,436.00	6,397.35	119.15	22.05	45.50	2,988.85	-2,245.51	2,980.98	2,880.75	100.23	29.740		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,436.00	6,397.35	121.64	22.05	71.62	2,988.85	-2,245.51	3,071.54	2,971.40	100.14	30.673		
10,400.00	6,840.00	6,436.00	6,397.35	124.14	22.05	71.62	2,988.85	-2,245.51	3,162.67	3,062.64	100.04	31.615		
10,500.00	6,840.00	6,436.00	6,397.35	126.65	22.05	71.62	2,988.85	-2,245.51	3,254.33	3,154.39	99.93	32.566		
10,600.00	6,840.00	6,436.00	6,397.35	129.18	22.05	71.62	2,988.85	-2,245.51	3,346.46	3,246.63	99.82	33.523		
10,700.00	6,840.00	6,436.00	6,397.35	131.70	22.05	71.62	2,988.85	-2,245.51	3,439.03	3,339.31	99.72	34.488		
10,800.00	6,840.00	6,436.00	6,397.35	134.24	22.05	71.62	2,988.85	-2,245.51	3,532.00	3,432.39	99.61	35.459		
10,900.00	6,840.00	6,436.00	6,397.35	136.79	22.05	71.62	2,988.85	-2,245.51	3,625.35	3,525.85	99.50	36.436		
11,000.00	6,840.00	6,436.00	6,397.35	139.34	22.05	71.62	2,988.85	-2,245.51	3,719.05	3,619.66	99.39	37.418		
11,100.00	6,840.00	6,436.00	6,397.35	141.90	22.05	71.62	2,988.85	-2,245.51	3,813.06	3,713.78	99.28	38.406		
11,200.00	6,840.00	6,436.00	6,397.35	144.46	22.05	71.62	2,988.85	-2,245.51	3,907.37	3,808.20	99.18	39.397		
11,300.00	6,840.00	6,436.00	6,397.35	147.03	22.05	71.62	2,988.85	-2,245.51	4,001.96	3,902.89	99.08	40.393		
11,400.00	6,840.00	6,436.00	6,397.35	149.60	22.05	71.62	2,988.85	-2,245.51	4,096.81	3,997.84	98.97	41.393		
11,500.00	6,840.00	6,436.00	6,397.35	152.18	22.05	71.62	2,988.85	-2,245.51	4,191.89	4,093.02	98.87	42.396		
11,600.00	6,840.00	6,420.96	6,382.76	154.77	21.98	70.95	2,985.23	-2,246.00	4,287.12	4,188.55	98.57	43.492		
11,700.00	6,840.00	6,419.97	6,381.80	157.36	21.98	70.91	2,985.00	-2,246.03	4,382.63	4,284.16	98.47	44.509		
11,800.00	6,840.00	6,418.99	6,380.85	159.95	21.98	70.86	2,984.77	-2,246.06	4,478.33	4,379.97	98.36	45.529		
11,900.00	6,840.00	6,418.01	6,379.90	162.55	21.97	70.82	2,984.55	-2,246.10	4,574.22	4,475.96	98.26	46.551		
12,000.00	6,840.00	6,417.04	6,378.95	165.16	21.97	70.78	2,984.33	-2,246.13	4,670.28	4,572.12	98.16	47.577		
12,100.00	6,840.00	6,416.08	6,378.01	167.76	21.96	70.73	2,984.11	-2,246.16	4,766.50	4,668.43	98.07	48.604		
12,200.00	6,840.00	6,415.12	6,377.08	170.37	21.96	70.69	2,983.90	-2,246.19	4,862.87	4,764.90	97.97	49.634		
12,300.00	6,840.00	6,414.16	6,376.15	172.99	21.96	70.65	2,983.68	-2,246.22	4,959.39	4,861.50	97.88	50.666		
12,400.00	6,840.00	6,413.22	6,375.22	175.60	21.95	70.61	2,983.47	-2,246.25	5,056.04	4,958.24	97.80	51.700		
12,500.00	6,840.00	6,412.27	6,374.30	178.23	21.95	70.56	2,983.27	-2,246.28	5,152.82	5,055.10	97.71	52.735		
12,600.00	6,840.00	6,411.34	6,373.39	180.85	21.94	70.52	2,983.06	-2,246.30	5,249.71	5,152.08	97.63	53.772		
12,700.00	6,840.00	6,410.41	6,372.48	183.47	21.94	70.48	2,982.86	-2,246.33	5,346.72	5,249.18	97.55	54.810		
12,800.00	6,840.00	6,409.48	6,371.58	186.10	21.94	70.44	2,982.66	-2,246.36	5,443.84	5,346.37	97.47	55.850		
12,900.00	6,840.00	6,408.56	6,370.68	188.74	21.93	70.40	2,982.46	-2,246.39	5,541.07	5,443.67	97.40	56.891		
13,000.00	6,840.00	6,407.64	6,369.79	191.37	21.93	70.36	2,982.26	-2,246.42	5,638.38	5,541.06	97.33	57.933		
13,100.00	6,840.00	6,406.74	6,368.90	194.01	21.92	70.32	2,982.07	-2,246.45	5,735.79	5,638.54	97.26	58.976		
13,200.00	6,840.00	6,405.83	6,368.02	196.65	21.92	70.28	2,981.88	-2,246.47	5,833.29	5,736.10	97.19	60.019		
13,300.00	6,840.00	6,404.93	6,367.14	199.29	21.92	70.24	2,981.69	-2,246.50	5,930.87	5,833.74	97.13	61.064		
13,400.00	6,840.00	6,404.04	6,366.26	201.93	21.91	70.20	2,981.50	-2,246.53	6,028.53	5,931.47	97.06	62.110		
13,500.00	6,840.00	6,388.00	6,350.55	204.58	21.85	69.50	2,978.32	-2,247.00	6,126.32	6,029.50	96.83	63.271		
13,600.00	6,840.00	6,388.00	6,350.55	207.22	21.85	69.50	2,978.32	-2,247.00	6,224.12	6,127.34	96.78	64.312		
13,700.00	6,840.00	6,388.00	6,350.55	209.87	21.85	69.50	2,978.32	-2,247.00	6,321.99	6,225.25	96.73	65.354		
13,800.00	6,840.00	6,388.00	6,350.55	212.52	21.85	69.50	2,978.32	-2,247.00	6,419.92	6,323.23	96.69	66.396		
13,900.00	6,840.00	6,388.00	6,350.55	215.18	21.85	69.50	2,978.32	-2,247.00	6,517.92	6,421.27	96.65	67.438		
14,000.00	6,840.00	6,388.00	6,350.55	217.83	21.85	69.50	2,978.32	-2,247.00	6,615.97	6,519.36	96.61	68.481		
14,100.00	6,840.00	6,388.00	6,350.55	220.49	21.85	69.50	2,978.32	-2,247.00	6,714.08	6,617.51	96.57	69.523		
14,200.00	6,840.00	6,388.00	6,350.55	223.15	21.85	69.50	2,978.32	-2,247.00	6,812.25	6,715.71	96.54	70.566		
14,300.00	6,840.00	6,388.00	6,350.55	225.81	21.85	69.50	2,978.32	-2,247.00	6,910.47	6,813.97	96.50	71.609		
14,400.00	6,840.00	6,388.00	6,350.55	228.47	21.85	69.50	2,978.32	-2,247.00	7,008.74	6,912.27	96.47	72.652		
14,500.00	6,840.00	6,388.00	6,350.55	231.13	21.85	69.50	2,978.32	-2,247.00	7,107.06	7,010.62	96.44	73.694		
14,600.00	6,840.00	6,388.00	6,350.55	233.79	21.85	69.50	2,978.32	-2,247.00	7,205.42	7,109.01	96.41	74.737		
14,700.00	6,840.00	6,388.00	6,350.55	236.46	21.85	69.50	2,978.32	-2,247.00	7,303.83	7,207.45	96.38	75.779		
14,800.00	6,840.00	6,388.00	6,350.55	239.12	21.85	69.50	2,978.32	-2,247.00	7,402.29	7,305.93	96.36	76.821		
14,900.00	6,840.00	6,388.00	6,350.55	241.79	21.85	69.50	2,978.32	-2,247.00	7,500.78	7,404.45	96.33	77.863		
15,000.00	6,840.00	6,388.00	6,350.55	244.46	21.85	69.50	2,978.32	-2,247.00	7,599.31	7,503.00	96.31	78.905		
15,100.00	6,840.00	6,388.00	6,350.55	247.13	21.85	69.50	2,978.32	-2,247.00	7,697.88	7,601.59	96.29	79.947		
15,200.00	6,840.00	6,388.00	6,350.55	249.80	21.85	69.50	2,978.32	-2,247.00	7,796.49	7,700.22	96.27	80.988		
15,300.00	6,840.00	6,388.00	6,350.55	252.47	21.85	69.50	2,978.32	-2,247.00	7,895.13	7,798.88	96.25	82.028		
15,400.00	6,840.00	6,388.00	6,350.55	255.15	21.85	69.50	2,978.32	-2,247.00	7,993.80	7,897.57	96.23	83.068		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,388.00	6,350.55	257.82	21.85	69.50	2,978.32	-2,247.00	8,092.51	7,996.30	96.22	84.108	
15,600.00	6,840.00	6,388.00	6,350.55	260.50	21.85	69.50	2,978.32	-2,247.00	8,191.25	8,095.05	96.20	85.148	
15,700.00	6,840.00	6,388.00	6,350.55	263.17	21.85	69.50	2,978.32	-2,247.00	8,290.02	8,193.83	96.19	86.186	
15,800.00	6,840.00	6,388.00	6,350.55	265.85	21.85	69.50	2,978.32	-2,247.00	8,388.82	8,292.64	96.17	87.225	
15,900.00	6,840.00	6,388.00	6,350.55	268.53	21.85	69.50	2,978.32	-2,247.00	8,487.64	8,391.48	96.16	88.262	
16,000.00	6,840.00	6,388.00	6,350.55	271.20	21.85	69.50	2,978.32	-2,247.00	8,586.50	8,490.34	96.15	89.300	
16,100.00	6,840.00	6,388.00	6,350.55	273.88	21.85	69.50	2,978.32	-2,247.00	8,685.38	8,589.23	96.15	90.336	
16,200.00	6,840.00	6,388.00	6,350.55	276.56	21.85	69.50	2,978.32	-2,247.00	8,784.28	8,688.15	96.14	91.372	
16,300.00	6,840.00	6,388.00	6,350.55	279.25	21.85	69.50	2,978.32	-2,247.00	8,883.21	8,787.08	96.13	92.407	
16,400.00	6,840.00	6,388.00	6,350.55	281.93	21.85	69.50	2,978.32	-2,247.00	8,982.17	8,886.04	96.13	93.442	
16,500.00	6,840.00	6,388.00	6,350.55	284.61	21.85	69.50	2,978.32	-2,247.00	9,081.14	8,985.02	96.12	94.476	
16,600.00	6,840.00	6,388.00	6,350.55	287.29	21.85	69.50	2,978.32	-2,247.00	9,180.14	9,084.02	96.12	95.509	
16,700.00	6,840.00	6,388.00	6,350.55	289.98	21.85	69.50	2,978.32	-2,247.00	9,279.16	9,183.05	96.12	96.541	
16,800.00	6,840.00	6,388.00	6,350.55	292.66	21.85	69.50	2,978.32	-2,247.00	9,378.20	9,282.09	96.12	97.573	
16,900.00	6,840.00	6,388.00	6,350.55	295.35	21.85	69.50	2,978.32	-2,247.00	9,477.27	9,381.15	96.12	98.603	
17,000.00	6,840.00	6,388.00	6,350.55	298.03	21.85	69.50	2,978.32	-2,247.00	9,576.35	9,480.23	96.12	99.633	
17,100.00	6,840.00	6,388.00	6,350.55	300.72	21.85	69.50	2,978.32	-2,247.00	9,675.45	9,579.33	96.12	100.662	
17,200.00	6,840.00	6,388.00	6,350.55	303.41	21.85	69.50	2,978.32	-2,247.00	9,774.56	9,678.44	96.12	101.690	
17,300.00	6,840.00	6,388.00	6,350.55	306.09	21.85	69.50	2,978.32	-2,247.00	9,873.70	9,777.57	96.12	102.718	
17,400.00	6,840.00	6,388.00	6,350.55	308.78	21.85	69.50	2,978.32	-2,247.00	9,972.85	9,876.72	96.13	103.744	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-38.03	2,643.84	-2,067.77	3,356.42					
100.00	100.00	64.00	64.00	0.13	0.11	-38.03	2,643.84	-2,067.77	3,356.42	3,356.17	0.24	N/A		
200.00	200.00	164.00	164.00	0.49	0.28	-38.03	2,643.84	-2,067.77	3,356.42	3,355.64	0.77	4,340.269		
300.00	300.00	264.00	264.00	0.85	0.45	-38.03	2,643.84	-2,067.77	3,356.42	3,355.11	1.30	2,576.349		
400.00	400.00	364.00	364.00	1.21	0.62	-38.03	2,643.84	-2,067.77	3,356.42	3,354.59	1.83	1,831.865		
500.00	499.98	463.98	463.98	1.57	0.79	11.24	2,643.84	-2,067.77	3,354.71	3,352.35	2.36	1,421.609		
600.00	599.84	563.84	563.84	1.93	0.96	11.28	2,643.84	-2,067.77	3,349.57	3,346.68	2.89	1,159.135		
700.00	699.45	663.45	663.45	2.29	1.13	11.35	2,643.84	-2,067.77	3,341.03	3,337.60	3.42	976.206		
800.00	798.70	746.12	746.12	2.67	1.44	11.41	2,643.58	-2,068.64	3,329.45	3,325.35	4.09	813.194		
900.00	897.47	851.31	851.29	3.07	1.81	11.50	2,643.03	-2,070.03	3,314.51	3,309.68	4.83	686.663		
1,000.00	995.62	955.80	955.77	3.50	2.17	11.63	2,642.35	-2,071.26	3,296.01	3,290.45	5.56	592.679		
1,100.00	1,093.06	1,068.53	1,068.50	3.97	2.56	11.79	2,641.57	-2,072.13	3,273.90	3,267.57	6.33	517.381		
1,200.00	1,189.64	1,185.09	1,185.05	4.47	2.96	12.02	2,641.08	-2,071.52	3,247.90	3,240.79	7.11	456.702		
1,300.00	1,285.27	1,300.48	1,300.41	5.01	3.36	12.31	2,641.04	-2,069.17	3,218.05	3,210.15	7.90	407.594		
1,400.00	1,379.82	1,464.16	1,463.56	5.61	3.93	12.92	2,645.18	-2,057.20	3,184.05	3,175.20	8.85	359.769		
1,500.00	1,473.17	1,556.85	1,555.31	6.25	4.27	13.51	2,650.12	-2,045.04	3,145.60	3,136.01	9.59	328.136		
1,600.00	1,565.21	1,658.41	1,655.25	6.96	4.66	14.27	2,657.57	-2,028.58	3,103.96	3,093.58	10.38	299.011		
1,700.00	1,656.01	1,952.09	1,940.96	7.72	5.94	16.43	2,677.95	-1,964.21	3,056.51	3,044.53	11.99	254.998		
1,800.00	1,746.60	2,024.21	2,010.96	8.50	6.28	16.96	2,681.04	-1,947.11	3,006.45	2,993.71	12.73	236.128		
1,900.00	1,837.19	2,082.88	2,067.89	9.30	6.56	17.41	2,683.91	-1,933.25	2,957.11	2,943.66	13.45	219.918		
2,000.00	1,927.79	2,161.20	2,143.78	10.12	6.94	18.03	2,688.60	-1,914.44	2,908.62	2,894.35	14.27	203.871		
2,100.00	2,018.38	2,236.16	2,216.13	10.93	7.32	18.67	2,693.42	-1,895.45	2,860.21	2,845.11	15.10	189.466		
2,200.00	2,108.97	2,278.44	2,257.15	11.76	7.53	19.02	2,696.18	-1,885.55	2,813.07	2,797.27	15.80	178.077		
2,300.00	2,199.56	2,392.08	2,367.81	12.59	8.10	19.96	2,703.46	-1,860.79	2,767.17	2,750.35	16.82	164.539		
2,400.00	2,290.15	2,477.96	2,450.89	13.43	8.54	20.74	2,708.99	-1,839.75	2,720.24	2,702.49	17.75	153.217		
2,500.00	2,380.75	2,561.14	2,531.17	14.26	8.99	21.53	2,714.79	-1,818.76	2,673.82	2,655.11	18.71	142.921		
2,600.00	2,471.34	2,643.61	2,610.53	15.11	9.44	22.36	2,720.89	-1,797.18	2,627.78	2,608.09	19.69	133.459		
2,700.00	2,561.93	2,719.02	2,682.91	15.95	9.86	23.16	2,726.82	-1,776.90	2,582.30	2,561.64	20.67	124.958		
2,800.00	2,652.52	2,788.33	2,749.50	16.80	10.25	23.90	2,732.44	-1,758.50	2,537.70	2,516.06	21.63	117.304		
2,900.00	2,743.12	2,857.31	2,815.88	17.64	10.64	24.66	2,738.14	-1,740.65	2,494.06	2,471.45	22.62	110.277		
3,000.00	2,833.71	2,926.86	2,882.92	18.49	11.03	25.43	2,744.06	-1,723.05	2,451.43	2,427.81	23.62	103.780		
3,100.00	2,924.30	3,023.84	2,976.42	19.35	11.56	26.53	2,752.46	-1,698.76	2,409.68	2,384.90	24.78	97.243		
3,200.00	3,014.89	3,136.88	3,085.80	20.20	12.19	27.82	2,760.00	-1,671.26	2,367.27	2,341.24	26.03	90.945		
3,300.00	3,105.48	3,221.89	3,167.77	21.05	12.66	28.85	2,765.63	-1,649.42	2,325.09	2,297.91	27.18	85.557		
3,400.00	3,196.08	3,293.14	3,236.68	21.91	13.05	29.72	2,770.08	-1,631.88	2,283.70	2,255.43	28.27	80.783		
3,500.00	3,286.67	3,361.20	3,302.81	22.76	13.42	30.54	2,774.36	-1,616.37	2,243.61	2,214.25	29.36	76.425		
3,600.00	3,377.26	3,472.00	3,410.35	23.62	14.02	31.93	2,780.87	-1,590.52	2,203.74	2,173.07	30.67	71.843		
3,700.00	3,467.85	3,551.77	3,487.51	24.47	14.46	32.99	2,785.58	-1,570.80	2,164.34	2,132.45	31.89	67.875		
3,800.00	3,558.45	3,632.52	3,565.61	25.33	14.91	34.10	2,790.39	-1,550.87	2,125.85	2,092.71	33.13	64.161		
3,900.00	3,649.04	3,700.65	3,631.55	26.19	15.29	35.05	2,794.59	-1,534.28	2,088.51	2,054.17	34.34	60.822		
4,000.00	3,739.63	3,788.96	3,716.91	27.05	15.78	36.33	2,800.51	-1,512.40	2,052.46	2,016.78	35.68	57.516		
4,100.00	3,830.22	3,865.65	3,790.74	27.90	16.23	37.49	2,805.53	-1,492.28	2,017.01	1,980.00	37.02	54.486		
4,200.00	3,920.81	3,925.72	3,848.10	28.76	16.59	38.47	2,810.35	-1,475.14	1,983.43	1,945.13	38.30	51.786		
4,300.00	4,011.41	3,998.52	3,917.32	29.62	17.05	39.71	2,816.86	-1,453.53	1,951.69	1,911.98	39.71	49.146		
4,400.00	4,102.00	4,091.12	4,005.65	30.48	17.62	41.29	2,824.92	-1,426.95	1,921.33	1,880.06	41.27	46.559		
4,500.00	4,192.59	4,172.03	4,083.82	31.34	18.07	42.61	2,830.96	-1,407.02	1,891.87	1,849.18	42.70	44.308		
4,600.00	4,283.18	4,264.89	4,174.70	32.20	18.54	44.02	2,837.22	-1,389.05	1,863.68	1,819.54	44.14	42.220		
4,700.00	4,373.78	4,358.07	4,266.46	33.06	18.97	45.38	2,842.52	-1,373.76	1,835.95	1,790.41	45.54	40.312		
4,800.00	4,464.37	4,467.75	4,375.16	33.92	19.43	46.91	2,847.75	-1,360.17	1,808.81	1,761.85	46.96	38.516		
4,900.00	4,554.96	4,560.24	4,467.15	34.78	19.78	48.15	2,850.93	-1,351.13	1,781.51	1,733.23	48.28	36.898		
5,000.00	4,645.55	4,647.77	4,554.41	35.64	20.08	49.28	2,853.90	-1,345.00	1,755.12	1,705.56	49.56	35.414		
5,100.00	4,736.14	4,729.18	4,635.69	36.51	20.34	50.30	2,856.72	-1,341.34	1,729.65	1,678.85	50.80	34.047		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,847.82	4,754.22	37.37	20.70	51.73	2,860.91	-1,338.86	1,705.12	1,653.03	52.09	32.735		
5,300.00	4,917.33	4,943.09	4,849.48	38.23	20.96	52.84	2,862.53	-1,339.00	1,679.39	1,626.08	53.31	31.502		
5,400.00	5,007.92	5,025.88	4,932.25	39.09	21.18	53.82	2,864.33	-1,339.54	1,654.71	1,600.18	54.53	30.345		
5,500.00	5,098.51	5,109.15	5,015.49	39.95	21.40	54.81	2,866.58	-1,340.42	1,631.13	1,575.37	55.76	29.253		
5,600.00	5,189.11	5,214.28	5,120.56	40.81	21.69	56.09	2,869.59	-1,341.73	1,608.39	1,551.36	57.03	28.205		
5,700.00	5,279.70	5,317.41	5,223.68	41.68	21.98	57.42	2,871.11	-1,342.11	1,585.05	1,526.73	58.32	27.181		
5,800.00	5,370.29	5,409.59	5,315.85	42.54	22.24	58.65	2,872.27	-1,342.37	1,562.30	1,502.69	59.61	26.208		
5,900.00	5,460.88	5,501.73	5,407.99	43.40	22.49	59.90	2,873.37	-1,342.65	1,540.26	1,479.34	60.92	25.284		
6,000.00	5,551.47	5,592.05	5,494.28	44.26	22.74	61.15	2,874.42	-1,342.92	1,518.12	1,457.12	62.23	24.360		
6,100.00	5,642.07	5,682.83	5,585.48	45.13	23.00	62.40	2,875.42	-1,343.17	1,496.00	1,434.90	63.54	23.436		
6,200.00	5,732.66	5,773.41	5,676.68	45.99	23.25	63.65	2,876.42	-1,343.42	1,473.88	1,412.68	64.85	22.512		
6,300.00	5,823.25	5,864.00	5,767.27	46.85	23.50	64.90	2,877.42	-1,343.67	1,451.76	1,390.46	66.16	21.588		
6,400.00	5,913.84	5,954.59	5,860.48	47.72	23.75	66.15	2,878.42	-1,343.92	1,429.64	1,368.24	67.47	20.664		
6,500.00	6,004.44	6,045.19	5,951.08	48.58	24.00	67.40	2,879.42	-1,344.17	1,407.52	1,346.02	68.78	19.740		
6,600.00	6,095.03	6,135.78	6,041.67	49.44	24.25	68.65	2,880.42	-1,344.42	1,385.40	1,323.80	70.09	18.816		
6,700.00	6,185.62	6,226.37	6,132.26	50.30	24.50	69.90	2,881.42	-1,344.67	1,363.28	1,301.58	71.40	17.892		
6,800.00	6,276.21	6,316.96	6,222.85	51.17	24.75	71.15	2,882.42	-1,344.92	1,341.16	1,279.36	72.71	16.968		
6,900.00	6,366.80	6,407.55	6,313.44	52.03	25.00	72.40	2,883.42	-1,345.17	1,319.04	1,257.14	74.02	16.044		
7,000.00	6,457.40	6,497.99	6,404.03	52.89	25.25	73.65	2,884.42	-1,345.42	1,296.92	1,234.92	75.33	15.120		
7,100.00	6,548.00	6,588.59	6,494.62	53.75	25.50	74.90	2,885.42	-1,345.67	1,274.80	1,212.70	76.64	14.196		
7,150.74	6,587.58	6,628.17	6,534.20	54.46	25.62	75.42	2,886.42	-1,345.78	1,262.68	1,200.58	77.16	13.772	12.715 CC, ES	
7,200.00	6,626.13	6,666.72	6,572.75	55.05	25.75	76.00	2,887.42	-1,345.89	1,250.56	1,188.46	77.68	13.348		
7,300.00	6,696.49	6,737.08	6,643.11	56.46	25.90	77.41	2,888.42	-1,346.00	1,228.44	1,166.34	79.00	12.424	12.086 SF	
7,400.00	6,754.56	6,795.15	6,701.68	58.05	26.05	79.00	2,889.42	-1,346.11	1,206.32	1,144.22	80.32	11.500		
7,500.00	6,798.57	6,839.16	6,745.69	59.78	26.20	80.73	2,890.42	-1,346.22	1,184.20	1,122.10	81.64	10.576		
7,600.00	6,827.18	6,867.77	6,774.30	61.58	26.35	82.53	2,891.42	-1,346.33	1,162.08	1,100.00	82.96	9.652		
7,700.00	6,839.51	6,879.10	6,786.63	63.39	26.50	84.34	2,892.42	-1,346.44	1,139.96	1,077.88	84.28	8.728		
7,800.00	6,840.00	6,880.00	6,787.12	65.19	26.65	86.15	2,893.42	-1,346.55	1,117.84	1,055.76	85.60	7.804		
7,900.00	6,840.00	6,880.00	6,787.12	67.04	26.80	87.96	2,894.42	-1,346.66	1,095.72	1,033.64	86.92	6.880		
8,000.00	6,840.00	6,880.00	6,787.12	68.95	26.95	89.77	2,895.42	-1,346.77	1,073.60	1,011.52	88.24	5.956		
8,100.00	6,840.00	6,880.00	6,787.12	70.91	27.10	91.58	2,896.42	-1,346.88	1,051.48	989.40	89.56	5.032		
8,200.00	6,840.00	6,880.00	6,787.12	72.91	27.25	93.39	2,897.42	-1,346.99	1,029.36	967.28	90.88	4.108		
8,300.00	6,840.00	6,880.00	6,787.12	74.96	27.40	95.20	2,898.42	-1,347.10	1,007.24	945.16	92.20	3.184		
8,400.00	6,840.00	6,880.00	6,787.12	77.05	27.55	97.01	2,899.42	-1,347.21	985.12	923.04	93.52	2.260		
8,500.00	6,840.00	6,880.00	6,787.12	79.18	27.70	98.82	2,900.42	-1,347.32	963.00	900.92	94.84	1.336		
8,600.00	6,840.00	6,880.00	6,787.12	81.34	27.85	100.63	2,901.42	-1,347.43	940.88	878.80	96.16	0.412		
8,700.00	6,840.00	6,880.00	6,787.12	83.54	28.00	102.44	2,902.42	-1,347.54	918.76	856.68	97.48	-0.512		
8,800.00	6,840.00	6,880.00	6,787.12	85.76	28.15	104.25	2,903.42	-1,347.65	896.64	834.56	98.80	-1.588		
8,900.00	6,840.00	6,880.00	6,787.12	88.02	28.30	106.06	2,904.42	-1,347.76	874.52	812.44	100.12	-2.664		
9,000.00	6,840.00	6,880.00	6,787.12	90.30	28.45	107.87	2,905.42	-1,347.87	852.40	790.32	101.44	-3.740		
9,100.00	6,840.00	6,880.00	6,787.12	92.60	28.60	109.68	2,906.42	-1,347.98	830.28	768.20	102.76	-4.816		
9,200.00	6,840.00	6,880.00	6,787.12	94.93	28.75	111.49	2,907.42	-1,348.09	808.16	746.08	104.08	-5.892		
9,300.00	6,840.00	6,880.00	6,787.12	97.28	28.90	113.30	2,908.42	-1,348.20	786.04	723.96	105.40	-6.968		
9,400.00	6,840.00	6,880.00	6,787.12	99.65	29.05	115.11	2,909.42	-1,348.31	763.92	701.84	106.72	-8.044		
9,500.00	6,840.00	6,880.00	6,787.12	102.03	29.20	116.92	2,910.42	-1,348.42	741.80	679.72	108.04	-9.120		
9,600.00	6,840.00	6,880.00	6,787.12	104.43	29.35	118.73	2,911.42	-1,348.53	719.68	657.60	109.36	-10.196		
9,700.00	6,840.00	6,880.00	6,787.12	106.85	29.50	120.54	2,912.42	-1,348.64	697.56	635.48	110.68	-11.272		
9,800.00	6,840.00	6,880.00	6,787.12	109.29	29.65	122.35	2,913.42	-1,348.75	675.44	613.36	112.00	-12.348		
9,900.00	6,840.00	6,880.00	6,787.12	111.73	29.80	124.16	2,914.42	-1,348.86	653.32	591.24	113.32	-13.424		
10,000.00	6,840.00	6,880.00	6,787.12	114.19	29.95	125.97	2,915.42	-1,348.97	631.20	569.12	114.64	-14.500		
10,100.00	6,840.00	6,880.00	6,787.12	116.66	30.10	127.78	2,916.42	-1,349.08	609.08	547.00	115.96	-15.576		
10,200.00	6,840.00	6,880.00	6,787.12	119.15	30.25	129.59	2,917.42	-1,349.19	586.96	524.88	117.28	-16.652		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,300.00	6,992.47	121.64	55.77	159.52	1,837.52	-1,325.81	3,720.84	3,623.19	97.65	38.103		
10,400.00	6,840.00	10,400.00	6,992.43	124.14	56.85	159.04	1,839.29	-1,325.83	3,820.70	3,722.05	98.65	38.730		
10,500.00	6,840.00	10,500.00	6,992.38	126.65	57.92	158.57	1,841.06	-1,325.86	3,920.56	3,820.92	99.65	39.345		
10,600.00	6,840.00	10,600.00	6,992.34	129.18	59.00	158.10	1,842.83	-1,325.88	4,020.43	3,919.79	100.64	39.948		
10,700.00	6,840.00	10,700.00	6,992.30	131.70	60.08	157.63	1,844.60	-1,325.90	4,120.31	4,018.67	101.64	40.538		
10,800.00	6,840.00	7,802.18	6,992.28	134.24	29.93	162.83	1,825.28	-1,325.70	4,220.16	4,145.95	74.21	56.868		
10,900.00	6,840.00	7,800.09	6,992.29	136.79	29.91	162.25	1,827.38	-1,325.72	4,320.05	4,245.79	74.26	58.175		
11,000.00	6,840.00	7,797.96	6,992.30	139.34	29.89	161.67	1,829.51	-1,325.74	4,419.95	4,345.64	74.31	59.479		
11,100.00	6,840.00	7,795.79	6,992.31	141.90	29.87	161.08	1,831.67	-1,325.77	4,519.85	4,445.49	74.36	60.781		
11,200.00	6,840.00	7,793.59	6,992.32	144.46	29.85	160.48	1,833.88	-1,325.79	4,619.76	4,545.34	74.42	62.080		
11,300.00	6,840.00	7,791.35	6,992.33	147.03	29.83	159.88	1,836.11	-1,325.81	4,719.66	4,645.20	74.47	63.378		
11,400.00	6,840.00	7,789.07	6,992.33	149.60	29.81	159.27	1,838.39	-1,325.83	4,819.58	4,745.05	74.52	64.672		
11,500.00	6,840.00	7,786.76	6,992.33	152.18	29.79	158.66	1,840.71	-1,325.86	4,919.49	4,844.91	74.58	65.965		
11,600.00	6,840.00	7,784.40	6,992.33	154.77	29.77	158.04	1,843.06	-1,325.88	5,019.41	4,944.77	74.63	67.255		
11,700.00	6,840.00	7,782.00	6,992.32	157.36	29.75	157.41	1,845.46	-1,325.91	5,119.33	5,044.64	74.69	68.542		
11,800.00	6,840.00	7,779.56	6,992.31	159.95	29.73	156.78	1,847.90	-1,325.94	5,219.25	5,144.50	74.75	69.827		
11,900.00	6,840.00	7,777.08	6,992.30	162.55	29.71	156.15	1,850.38	-1,325.96	5,319.17	5,244.37	74.80	71.109		
12,000.00	6,840.00	7,774.55	6,992.29	165.16	29.68	155.50	1,852.91	-1,325.99	5,419.10	5,344.24	74.86	72.388		
12,100.00	6,840.00	7,771.98	6,992.27	167.76	29.66	154.86	1,855.49	-1,326.02	5,519.03	5,444.11	74.92	73.665		
12,200.00	6,840.00	7,769.36	6,992.25	170.37	29.64	154.20	1,858.11	-1,326.05	5,618.96	5,543.98	74.98	74.939		
12,300.00	6,840.00	7,766.69	6,992.23	172.99	29.61	153.55	1,860.78	-1,326.08	5,718.89	5,643.85	75.04	76.210		
12,400.00	6,840.00	7,763.97	6,992.20	175.60	29.59	152.88	1,863.49	-1,326.11	5,818.82	5,743.72	75.10	77.478		
12,500.00	6,840.00	7,761.20	6,992.17	178.23	29.56	152.22	1,866.26	-1,326.15	5,918.76	5,843.59	75.16	78.744		
12,600.00	6,840.00	7,758.38	6,992.13	180.85	29.54	151.54	1,869.09	-1,326.18	6,018.69	5,943.46	75.23	80.006		
12,700.00	6,840.00	7,755.50	6,992.09	183.47	29.51	150.86	1,871.96	-1,326.22	6,118.63	6,043.34	75.29	81.265		
12,800.00	6,840.00	7,752.57	6,992.04	186.10	29.49	150.18	1,874.89	-1,326.25	6,218.57	6,143.21	75.36	82.521		
12,900.00	6,840.00	7,749.58	6,991.99	188.74	29.46	149.49	1,877.88	-1,326.29	6,318.51	6,243.08	75.42	83.774		
13,000.00	6,840.00	7,746.53	6,991.94	191.37	29.43	148.80	1,880.93	-1,326.33	6,418.45	6,342.96	75.49	85.024		
13,100.00	6,840.00	7,743.42	6,991.87	194.01	29.41	148.10	1,884.04	-1,326.37	6,518.39	6,442.83	75.56	86.270		
13,200.00	6,840.00	7,740.25	6,991.81	196.65	29.38	147.40	1,887.21	-1,326.41	6,618.33	6,542.71	75.63	87.514		
13,300.00	6,840.00	7,737.01	6,991.73	199.29	29.35	146.70	1,890.44	-1,326.45	6,718.28	6,642.58	75.70	88.753		
13,400.00	6,840.00	7,733.71	6,991.65	201.93	29.32	145.99	1,893.74	-1,326.50	6,818.22	6,742.45	75.77	89.990		
13,500.00	6,840.00	7,730.34	6,991.56	204.58	29.29	145.28	1,897.11	-1,326.54	6,918.17	6,842.33	75.84	91.222		
13,600.00	6,840.00	7,726.90	6,991.47	207.22	29.26	144.56	1,900.55	-1,326.59	7,018.11	6,942.20	75.91	92.452		
13,700.00	6,840.00	7,723.39	6,991.36	209.87	29.23	143.84	1,904.06	-1,326.64	7,118.06	7,042.07	75.99	93.677		
13,800.00	6,840.00	7,719.80	6,991.25	212.52	29.20	143.11	1,907.65	-1,326.69	7,218.01	7,141.95	76.06	94.899		
13,900.00	6,840.00	7,716.13	6,991.13	215.18	29.17	142.38	1,911.31	-1,326.74	7,317.95	7,241.82	76.14	96.117		
14,000.00	6,840.00	7,712.39	6,991.00	217.83	29.14	141.65	1,915.06	-1,326.80	7,417.90	7,341.69	76.21	97.331		
14,100.00	6,840.00	7,708.56	6,990.86	220.49	29.11	140.92	1,918.88	-1,326.85	7,517.85	7,441.56	76.29	98.542		
14,200.00	6,840.00	7,704.65	6,990.72	223.15	29.07	140.18	1,922.79	-1,326.91	7,617.80	7,541.43	76.37	99.748		
14,300.00	6,840.00	7,700.65	6,990.56	225.81	29.04	139.44	1,926.79	-1,326.97	7,717.75	7,641.30	76.45	100.950		
14,400.00	6,840.00	7,696.55	6,990.38	228.47	29.01	138.70	1,930.88	-1,327.04	7,817.70	7,741.17	76.53	102.148		
14,500.00	6,840.00	7,692.37	6,990.20	231.13	28.97	137.95	1,935.06	-1,327.10	7,917.65	7,841.03	76.62	103.342		
14,600.00	6,840.00	7,689.00	6,990.05	233.79	28.94	137.36	1,938.42	-1,327.16	8,017.60	7,940.91	76.69	104.544		
14,700.00	6,840.00	7,689.00	6,990.05	236.46	28.94	137.36	1,938.42	-1,327.16	8,117.55	8,040.82	76.73	105.790		
14,800.00	6,840.00	7,689.00	6,990.05	239.12	28.94	137.36	1,938.42	-1,327.16	8,217.50	8,140.73	76.77	107.034		
14,900.00	6,840.00	7,689.00	6,990.05	241.79	28.94	137.36	1,938.42	-1,327.16	8,317.45	8,240.64	76.82	108.276		
15,000.00	6,840.00	7,689.00	6,990.05	244.46	28.94	137.36	1,938.42	-1,327.16	8,417.41	8,340.55	76.86	109.516		
15,100.00	6,840.00	7,689.00	6,990.05	247.13	28.94	137.36	1,938.42	-1,327.16	8,517.36	8,440.46	76.90	110.753		
15,200.00	6,840.00	7,689.00	6,990.05	249.80	28.94	137.36	1,938.42	-1,327.16	8,617.32	8,540.37	76.95	111.989		
15,300.00	6,840.00	7,689.00	6,990.05	252.47	28.94	137.36	1,938.42	-1,327.16	8,717.28	8,640.28	76.99	113.222		
15,400.00	6,840.00	7,689.00	6,990.05	255.15	28.94	137.36	1,938.42	-1,327.16	8,817.24	8,740.20	77.04	114.454		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,689.00	6,990.05	257.82	28.94	137.36	1,938.42	-1,327.16	8,917.20	8,840.11	77.08	115.683	
15,600.00	6,840.00	7,689.00	6,990.05	260.50	28.94	137.36	1,938.42	-1,327.16	9,017.16	8,940.03	77.13	116.910	
15,700.00	6,840.00	7,689.00	6,990.05	263.17	28.94	137.36	1,938.42	-1,327.16	9,117.12	9,039.94	77.18	118.134	
15,800.00	6,840.00	7,689.00	6,990.05	265.85	28.94	137.36	1,938.42	-1,327.16	9,217.08	9,139.86	77.22	119.357	
15,900.00	6,840.00	7,689.00	6,990.05	268.53	28.94	137.36	1,938.42	-1,327.16	9,317.04	9,239.77	77.27	120.577	
16,000.00	6,840.00	7,689.00	6,990.05	271.20	28.94	137.36	1,938.42	-1,327.16	9,417.00	9,339.69	77.32	121.795	
16,100.00	6,840.00	7,689.00	6,990.05	273.88	28.94	137.36	1,938.42	-1,327.16	9,516.97	9,439.60	77.37	123.010	
16,200.00	6,840.00	7,689.00	6,990.05	276.56	28.94	137.36	1,938.42	-1,327.16	9,616.93	9,539.52	77.42	124.224	
16,300.00	6,840.00	7,689.00	6,990.05	279.25	28.94	137.36	1,938.42	-1,327.16	9,716.90	9,639.43	77.47	125.435	
16,400.00	6,840.00	7,689.00	6,990.05	281.93	28.94	137.36	1,938.42	-1,327.16	9,816.87	9,739.35	77.52	126.643	
16,500.00	6,840.00	7,689.00	6,990.05	284.61	28.94	137.36	1,938.42	-1,327.16	9,916.83	9,839.27	77.57	127.850	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-101.87	-354.42	-1,685.77	1,723.19					
100.00	100.00	66.54	66.54	0.13	0.07	-101.88	-354.56	-1,685.54	1,722.46	1,722.26	0.20	8,707.369		
200.00	200.00	160.55	160.54	0.49	0.16	-101.90	-355.08	-1,684.80	1,721.82	1,721.17	0.65	2,646.324		
228.90	228.90	184.91	184.90	0.60	0.19	-101.91	-355.20	-1,684.74	1,721.78	1,721.00	0.78	2,208.942		
300.00	300.00	258.94	258.94	0.85	0.22	-101.91	-355.44	-1,684.70	1,721.79	1,720.73	1.06	1,619.774		
400.00	400.00	361.57	361.56	1.21	0.27	-101.91	-355.27	-1,684.39	1,721.46	1,719.97	1.48	1,161.695		
500.00	499.98	459.94	459.93	1.57	0.34	-52.71	-355.00	-1,684.17	1,720.13	1,718.22	1.91	900.661		
600.00	599.84	562.34	562.33	1.93	0.41	-52.90	-354.89	-1,683.92	1,716.70	1,714.37	2.33	736.361		
700.00	699.45	660.37	660.36	2.29	0.46	-53.22	-354.82	-1,683.54	1,711.05	1,708.30	2.75	623.245		
800.00	798.70	757.94	757.93	2.67	0.51	-53.66	-354.65	-1,683.38	1,703.56	1,700.39	3.17	538.150		
900.00	897.47	859.38	859.37	3.07	0.56	-54.25	-354.47	-1,683.16	1,694.03	1,690.43	3.60	470.213		
1,000.00	995.62	954.48	954.47	3.50	0.58	-54.93	-354.21	-1,682.89	1,682.50	1,678.46	4.03	417.165		
1,100.00	1,093.06	1,047.98	1,047.97	3.97	0.59	-55.75	-354.32	-1,682.87	1,669.48	1,665.01	4.47	373.718		
1,200.00	1,189.64	1,143.33	1,143.32	4.47	0.60	-56.70	-354.03	-1,683.02	1,654.83	1,649.89	4.94	334.929		
1,300.00	1,285.27	1,237.56	1,237.55	5.01	0.63	-57.78	-353.78	-1,683.29	1,638.72	1,633.25	5.47	299.791		
1,400.00	1,379.82	1,333.48	1,333.46	5.61	0.66	-59.03	-353.63	-1,683.54	1,621.17	1,615.14	6.03	268.713		
1,500.00	1,473.17	1,428.65	1,428.64	6.25	0.69	-60.42	-353.42	-1,683.67	1,602.24	1,595.59	6.65	240.953		
1,600.00	1,565.21	1,521.23	1,521.22	6.96	0.72	-61.93	-353.15	-1,683.80	1,582.23	1,574.90	7.33	215.993		
1,700.00	1,656.01	1,615.69	1,615.68	7.72	0.75	-63.42	-352.54	-1,683.89	1,561.39	1,553.33	8.06	193.757		
1,800.00	1,746.60	1,707.20	1,707.19	8.50	0.79	-64.71	-351.91	-1,683.87	1,541.08	1,532.25	8.83	174.558		
1,900.00	1,837.19	1,796.90	1,796.88	9.30	0.82	-66.01	-351.25	-1,683.88	1,521.67	1,512.05	9.62	158.097		
2,000.00	1,927.79	1,885.57	1,885.54	10.12	0.85	-67.31	-350.58	-1,684.00	1,503.27	1,492.82	10.44	143.938		
2,100.00	2,018.38	1,978.57	1,978.54	10.93	0.88	-68.71	-349.86	-1,684.16	1,485.84	1,474.55	11.28	131.681		
2,200.00	2,108.97	2,067.52	2,067.49	11.76	0.92	-70.06	-349.02	-1,684.32	1,469.32	1,457.18	12.14	121.020		
2,300.00	2,199.56	2,155.93	2,155.90	12.59	0.95	-71.44	-348.29	-1,684.62	1,453.99	1,440.98	13.01	111.727		
2,400.00	2,290.15	2,246.00	2,245.96	13.43	0.98	-72.86	-347.62	-1,685.02	1,439.82	1,425.92	13.90	103.587		
2,500.00	2,380.75	2,336.75	2,336.71	14.26	1.01	-74.32	-346.90	-1,685.46	1,426.73	1,411.93	14.80	96.421		
2,600.00	2,471.34	2,426.57	2,426.53	15.11	1.03	-75.77	-346.10	-1,686.00	1,414.78	1,399.08	15.70	90.095		
2,700.00	2,561.93	2,516.16	2,516.11	15.95	1.06	-77.24	-345.25	-1,686.71	1,404.06	1,387.44	16.62	84.499		
2,800.00	2,652.52	2,608.68	2,608.62	16.80	1.09	-78.77	-344.35	-1,687.43	1,394.46	1,376.92	17.53	79.526		
2,900.00	2,743.12	2,699.43	2,699.37	17.64	1.12	-80.30	-343.51	-1,688.07	1,385.99	1,367.53	18.46	75.091		
3,000.00	2,833.71	2,793.51	2,793.44	18.49	1.15	-81.89	-342.59	-1,688.65	1,378.61	1,359.23	19.38	71.130		
3,100.00	2,924.30	2,885.39	2,885.31	19.35	1.18	-83.46	-341.56	-1,689.16	1,372.31	1,352.01	20.31	67.582		
3,200.00	3,014.89	2,976.27	2,976.19	20.20	1.21	-85.02	-340.52	-1,689.65	1,367.21	1,345.98	21.23	64.409		
3,300.00	3,105.48	3,068.73	3,068.63	21.05	1.25	-86.62	-339.41	-1,690.17	1,363.32	1,341.17	22.14	61.569		
3,400.00	3,196.08	3,157.28	3,157.18	21.91	1.28	-88.15	-338.27	-1,690.71	1,360.64	1,337.58	23.05	59.029		
3,500.00	3,286.67	3,246.77	3,246.67	22.76	1.31	-89.71	-337.53	-1,691.17	1,359.45	1,335.50	23.95	56.766		
3,548.29	3,330.42	3,291.58	3,291.48	23.17	1.32	-90.50	-337.23	-1,691.29	1,359.32	1,334.94	24.38	55.760 CC		
3,600.00	3,377.26	3,340.32	3,340.21	23.62	1.34	-91.36	-336.91	-1,691.34	1,359.46	1,334.62	24.84	54.736 ES		
3,700.00	3,467.85	3,432.60	3,432.49	24.47	1.36	-93.00	-336.28	-1,691.20	1,360.56	1,334.85	25.71	52.915		
3,800.00	3,558.45	3,520.53	3,520.42	25.33	1.38	-94.57	-336.04	-1,690.73	1,363.04	1,336.47	26.57	51.303		
3,900.00	3,649.04	3,607.92	3,607.80	26.19	1.39	-96.13	-336.02	-1,690.28	1,367.06	1,339.65	27.41	49.882		
4,000.00	3,739.63	3,699.56	3,699.45	27.05	1.40	-97.76	-336.08	-1,689.78	1,372.44	1,344.22	28.22	48.629		
4,100.00	3,830.22	3,793.31	3,793.19	27.90	1.42	-99.42	-336.04	-1,689.15	1,378.98	1,349.95	29.02	47.518		
4,200.00	3,920.81	3,881.34	3,881.22	28.76	1.43	-100.96	-335.94	-1,688.56	1,386.75	1,356.96	29.79	46.552		
4,300.00	4,011.41	3,971.67	3,971.55	29.62	1.45	-102.53	-335.94	-1,688.02	1,395.91	1,365.37	30.54	45.709		
4,400.00	4,102.00	4,064.53	4,064.40	30.48	1.47	-104.12	-335.82	-1,687.51	1,406.23	1,374.96	31.27	44.975		
4,500.00	4,192.59	4,153.32	4,153.19	31.34	1.49	-105.62	-335.60	-1,687.02	1,417.66	1,385.69	31.97	44.349		
4,600.00	4,283.18	4,242.18	4,242.05	32.20	1.51	-107.08	-335.43	-1,686.94	1,430.46	1,397.82	32.64	43.823		
4,700.00	4,373.78	4,334.89	4,334.76	33.06	1.53	-108.59	-335.26	-1,686.70	1,444.35	1,411.05	33.30	43.374		
4,800.00	4,464.37	4,432.54	4,432.41	33.92	1.56	-110.16	-334.88	-1,686.32	1,459.13	1,425.19	33.94	42.987		
4,900.00	4,554.96	4,530.90	4,530.77	34.78	1.59	-111.71	-333.87	-1,685.47	1,474.28	1,439.71	34.57	42.652		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,645.55	4,619.46	4,619.31	35.64	1.61	-113.08	-332.97	-1,684.92	1,490.56	1,455.40	35.15	42.401		
5,100.00	4,736.14	4,722.05	4,721.88	36.51	1.64	-114.58	-331.01	-1,685.53	1,507.32	1,471.58	35.74	42.169		
5,200.00	4,826.74	4,810.59	4,810.39	37.37	1.66	-115.82	-328.97	-1,686.89	1,524.84	1,488.54	36.30	42.001		
5,300.00	4,917.33	4,902.17	4,901.94	38.23	1.69	-117.07	-326.91	-1,688.42	1,543.28	1,506.42	36.85	41.880		
5,400.00	5,007.92	4,987.93	4,987.66	39.09	1.71	-118.22	-325.15	-1,689.93	1,562.69	1,525.33	37.37	41.818		
5,500.00	5,098.51	5,083.82	5,083.51	39.95	1.73	-119.47	-323.25	-1,691.74	1,582.97	1,545.08	37.89	41.779		
5,600.00	5,189.11	5,176.42	5,176.08	40.81	1.76	-120.65	-321.21	-1,693.37	1,603.77	1,565.38	38.39	41.777 SF		
5,700.00	5,279.70	5,271.79	5,271.42	41.68	1.79	-121.85	-319.07	-1,694.75	1,625.20	1,586.32	38.88	41.802		
5,800.00	5,370.29	5,360.05	5,359.65	42.54	1.81	-122.95	-317.04	-1,695.56	1,647.23	1,607.89	39.34	41.874		
5,900.00	5,460.88	5,443.38	5,442.96	43.40	1.84	-123.96	-315.45	-1,696.47	1,670.30	1,630.53	39.77	41.995		
6,000.00	5,551.47	5,526.63	5,526.20	44.26	1.86	-124.95	-314.31	-1,697.27	1,694.52	1,654.32	40.19	42.158		
6,100.00	5,642.07	5,614.87	5,614.42	45.13	1.88	-125.97	-313.38	-1,698.31	1,719.66	1,679.05	40.61	42.343		
6,200.00	5,732.66	5,711.31	5,710.85	45.99	1.91	-127.06	-312.28	-1,699.30	1,745.32	1,704.28	41.04	42.528		
6,300.00	5,823.25	5,788.50	5,788.04	46.85	1.92	-127.91	-311.65	-1,699.99	1,771.83	1,730.43	41.41	42.790		
6,400.00	5,913.84	5,875.74	5,875.27	47.72	1.94	-128.85	-311.34	-1,700.88	1,799.33	1,757.55	41.79	43.059		
6,500.00	6,004.44	5,959.81	5,959.33	48.58	1.95	-129.73	-311.23	-1,701.91	1,827.56	1,785.41	42.15	43.360		
6,600.00	6,095.03	6,046.43	6,045.95	49.44	1.96	-130.60	-311.48	-1,703.16	1,856.65	1,814.14	42.51	43.677		
6,700.00	6,185.62	6,133.42	6,132.93	50.30	1.97	-131.45	-311.82	-1,704.58	1,886.30	1,843.43	42.86	44.008		
6,800.00	6,276.21	6,215.25	6,214.74	51.17	1.97	-132.22	-312.49	-1,705.87	1,916.76	1,873.57	43.20	44.374		
6,900.00	6,366.80	6,299.55	6,299.03	52.03	1.97	-133.01	-313.49	-1,707.06	1,948.00	1,904.48	43.52	44.756		
7,000.00	6,457.40	6,388.08	6,387.54	52.89	1.97	-133.81	-314.72	-1,708.10	1,979.84	1,935.99	43.86	45.143		
7,100.00	6,545.60	6,472.98	6,472.43	53.85	1.97	-121.66	-316.00	-1,709.03	2,012.24	1,968.03	44.21	45.516		
7,200.00	6,626.13	6,549.46	6,548.89	55.05	1.97	-112.56	-317.32	-1,710.03	2,045.20	2,000.57	44.63	45.828		
7,300.00	6,696.49	6,616.62	6,616.03	56.46	1.97	-106.20	-318.63	-1,710.94	2,078.72	2,033.62	45.10	46.088		
7,400.00	6,754.56	6,673.71	6,673.10	58.05	1.96	-101.33	-319.78	-1,711.59	2,112.79	2,067.17	45.61	46.322		
7,500.00	6,798.57	6,719.49	6,718.88	59.78	1.96	-97.25	-320.70	-1,712.00	2,147.35	2,101.23	46.12	46.558		
7,600.00	6,827.18	6,752.19	6,751.57	61.58	1.96	-93.58	-321.30	-1,712.26	2,182.20	2,135.60	46.60	46.829		
7,700.00	6,839.51	6,766.80	6,766.18	63.39	1.96	-90.04	-321.55	-1,712.38	2,216.94	2,169.95	46.99	47.177		
7,800.00	6,840.00	6,768.23	6,767.60	65.19	1.96	-89.22	-321.58	-1,712.39	2,252.36	2,205.06	47.30	47.617		
7,900.00	6,840.00	6,769.11	6,768.48	67.04	1.96	-89.25	-321.59	-1,712.40	2,291.45	2,243.87	47.59	48.151		
8,000.00	6,840.00	6,769.99	6,769.37	68.95	1.96	-89.27	-321.61	-1,712.41	2,334.18	2,286.33	47.85	48.777		
8,100.00	6,840.00	6,770.87	6,770.25	70.91	1.96	-89.29	-321.62	-1,712.41	2,380.35	2,332.25	48.10	49.489		
8,200.00	6,840.00	6,771.75	6,771.12	72.91	1.96	-89.32	-321.64	-1,712.42	2,429.75	2,381.43	48.32	50.284		
8,300.00	6,840.00	6,772.63	6,772.00	74.96	1.96	-89.34	-321.65	-1,712.43	2,482.21	2,433.69	48.52	51.157		
8,400.00	6,840.00	6,773.50	6,772.88	77.05	1.96	-89.37	-321.66	-1,712.43	2,537.52	2,488.82	48.70	52.102		
8,500.00	6,840.00	6,774.38	6,773.75	79.18	1.96	-89.39	-321.68	-1,712.44	2,595.50	2,546.64	48.87	53.115		
8,600.00	6,840.00	6,775.25	6,774.63	81.34	1.96	-89.41	-321.69	-1,712.45	2,655.99	2,606.98	49.01	54.192		
8,700.00	6,840.00	6,776.13	6,775.50	83.54	1.96	-89.44	-321.71	-1,712.46	2,718.81	2,669.67	49.14	55.328		
8,800.00	6,840.00	6,777.00	6,776.37	85.76	1.96	-89.46	-321.72	-1,712.46	2,783.80	2,734.55	49.25	56.518		
8,900.00	6,840.00	6,777.87	6,777.24	88.02	1.96	-89.49	-321.74	-1,712.47	2,850.82	2,801.47	49.36	57.760		
9,000.00	6,840.00	6,778.74	6,778.11	90.30	1.96	-89.51	-321.75	-1,712.48	2,919.73	2,870.29	49.45	59.049		
9,100.00	6,840.00	6,779.61	6,778.98	92.60	1.96	-89.53	-321.76	-1,712.48	2,990.40	2,940.87	49.52	60.382		
9,200.00	6,840.00	6,780.48	6,779.85	94.93	1.96	-89.56	-321.78	-1,712.49	3,062.70	3,013.10	49.59	61.756		
9,300.00	6,840.00	6,781.34	6,780.72	97.28	1.96	-89.58	-321.79	-1,712.50	3,136.52	3,086.86	49.65	63.167		
9,400.00	6,840.00	6,782.21	6,781.58	99.65	1.96	-89.60	-321.81	-1,712.50	3,211.76	3,162.05	49.71	64.613		
9,500.00	6,840.00	6,783.07	6,782.45	102.03	1.96	-89.63	-321.82	-1,712.51	3,288.31	3,238.56	49.75	66.091		
9,600.00	6,840.00	6,783.94	6,783.31	104.43	1.96	-89.65	-321.83	-1,712.52	3,366.10	3,316.30	49.80	67.599		
9,700.00	6,840.00	6,784.80	6,784.17	106.85	1.96	-89.68	-321.85	-1,712.52	3,445.03	3,395.20	49.83	69.134		
9,800.00	6,840.00	6,785.66	6,785.03	109.29	1.96	-89.70	-321.86	-1,712.53	3,525.04	3,475.17	49.86	70.695		
9,900.00	6,840.00	6,786.52	6,785.89	111.73	1.96	-89.72	-321.87	-1,712.54	3,606.04	3,556.15	49.89	72.279		
10,000.00	6,840.00	6,787.38	6,786.75	114.19	1.96	-89.75	-321.89	-1,712.54	3,687.97	3,638.06	49.91	73.885		
10,100.00	6,840.00	6,788.23	6,787.61	116.66	1.96	-89.77	-321.90	-1,712.55	3,770.78	3,720.84	49.94	75.511		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,789.09	6,788.46	119.15	1.96	-89.79	-321.91	-1,712.56	3,854.40	3,804.44	49.96	77.155		
10,300.00	6,840.00	6,789.94	6,789.32	121.64	1.96	-89.82	-321.93	-1,712.56	3,938.78	3,888.81	49.97	78.817		
10,400.00	6,840.00	6,790.80	6,790.17	124.14	1.96	-89.84	-321.94	-1,712.57	4,023.88	3,973.89	49.99	80.494		
10,500.00	6,840.00	6,791.65	6,791.02	126.65	1.96	-89.86	-321.95	-1,712.58	4,109.65	4,059.65	50.00	82.186		
10,600.00	6,840.00	6,792.50	6,791.87	129.18	1.96	-89.89	-321.97	-1,712.58	4,196.05	4,146.03	50.02	83.891		
10,700.00	6,840.00	6,793.35	6,792.72	131.70	1.96	-89.91	-321.98	-1,712.59	4,283.04	4,233.01	50.03	85.609		
10,800.00	6,840.00	6,794.20	6,793.57	134.24	1.96	-89.93	-321.99	-1,712.60	4,370.59	4,320.55	50.04	87.337		
10,900.00	6,840.00	6,795.05	6,794.42	136.79	1.96	-89.96	-322.01	-1,712.60	4,458.66	4,408.61	50.05	89.076		
11,000.00	6,840.00	6,795.90	6,795.27	139.34	1.96	-89.98	-322.02	-1,712.61	4,547.23	4,497.16	50.07	90.825		
11,100.00	6,840.00	6,796.74	6,796.11	141.90	1.96	-90.00	-322.03	-1,712.62	4,636.26	4,586.18	50.08	92.583		
11,200.00	6,840.00	6,797.59	6,796.96	144.46	1.96	-90.03	-322.04	-1,712.62	4,725.73	4,675.64	50.09	94.348		
11,300.00	6,840.00	6,798.43	6,797.80	147.03	1.96	-90.05	-322.06	-1,712.63	4,815.61	4,765.51	50.10	96.121		
11,400.00	6,840.00	6,799.28	6,798.65	149.60	1.96	-90.07	-322.07	-1,712.64	4,905.89	4,855.77	50.11	97.900		
11,500.00	6,840.00	6,800.12	6,799.49	152.18	1.96	-90.10	-322.08	-1,712.64	4,996.53	4,946.41	50.12	99.686		
11,600.00	6,840.00	6,800.96	6,800.33	154.77	1.96	-90.12	-322.10	-1,712.65	5,087.53	5,037.39	50.13	101.477		
11,700.00	6,840.00	6,801.80	6,801.17	157.36	1.96	-90.14	-322.11	-1,712.66	5,178.85	5,128.71	50.15	103.273		
11,800.00	6,840.00	6,802.63	6,802.00	159.95	1.96	-90.16	-322.12	-1,712.66	5,270.50	5,220.33	50.16	105.073		
11,900.00	6,840.00	6,803.47	6,802.84	162.55	1.96	-90.19	-322.13	-1,712.67	5,362.44	5,312.26	50.17	106.877		
12,000.00	6,840.00	6,804.31	6,803.68	165.16	1.96	-90.21	-322.15	-1,712.68	5,454.66	5,404.47	50.19	108.685		
12,100.00	6,840.00	6,805.14	6,804.51	167.76	1.96	-90.23	-322.16	-1,712.68	5,547.15	5,496.95	50.20	110.496		
12,200.00	6,840.00	6,805.98	6,805.35	170.37	1.96	-90.26	-322.17	-1,712.69	5,639.90	5,589.69	50.22	112.310		
12,300.00	6,840.00	6,806.81	6,806.18	172.99	1.96	-90.28	-322.18	-1,712.70	5,732.90	5,682.66	50.23	114.126		
12,400.00	6,840.00	6,807.64	6,807.01	175.60	1.96	-90.30	-322.19	-1,712.70	5,826.12	5,775.87	50.25	115.944		
12,500.00	6,840.00	6,808.47	6,807.84	178.23	1.96	-90.32	-322.21	-1,712.71	5,919.57	5,869.30	50.27	117.763		
12,600.00	6,840.00	6,809.30	6,808.67	180.85	1.96	-90.35	-322.22	-1,712.72	6,013.22	5,962.94	50.28	119.584		
12,700.00	6,840.00	6,810.13	6,809.50	183.47	1.96	-90.37	-322.23	-1,712.72	6,107.08	6,056.78	50.30	121.406		
12,800.00	6,840.00	6,810.96	6,810.33	186.10	1.96	-90.39	-322.24	-1,712.73	6,201.13	6,150.81	50.32	123.228		
12,900.00	6,840.00	6,811.78	6,811.15	188.74	1.96	-90.42	-322.25	-1,712.73	6,295.37	6,245.02	50.34	125.051		
13,000.00	6,840.00	6,812.61	6,811.98	191.37	1.96	-90.44	-322.27	-1,712.74	6,389.77	6,339.41	50.36	126.875		
13,100.00	6,840.00	6,813.43	6,812.80	194.01	1.96	-90.46	-322.28	-1,712.75	6,484.35	6,433.97	50.38	128.698		
13,200.00	6,840.00	6,814.26	6,813.63	196.65	1.96	-90.48	-322.29	-1,712.75	6,579.09	6,528.68	50.41	130.521		
13,300.00	6,840.00	6,812.97	6,812.33	199.29	1.96	-90.45	-322.28	-1,712.74	6,673.98	6,623.56	50.42	132.365		
13,400.00	6,840.00	6,813.69	6,813.06	201.93	1.96	-90.47	-322.29	-1,712.75	6,769.02	6,718.57	50.44	134.187		
13,500.00	6,840.00	6,814.42	6,813.78	204.58	1.96	-90.49	-322.30	-1,712.76	6,864.19	6,813.72	50.47	136.009		
13,600.00	6,840.00	6,815.14	6,814.51	207.22	1.96	-90.51	-322.32	-1,712.76	6,959.51	6,909.01	50.49	137.830		
13,700.00	6,840.00	6,815.87	6,815.24	209.87	1.96	-90.53	-322.33	-1,712.77	7,054.95	7,004.43	50.52	139.650		
13,800.00	6,840.00	6,816.60	6,815.97	212.52	1.96	-90.55	-322.34	-1,712.77	7,150.52	7,099.97	50.55	141.468		
13,900.00	6,840.00	6,817.33	6,816.70	215.18	1.96	-90.57	-322.35	-1,712.78	7,246.20	7,195.63	50.57	143.285		
14,000.00	6,840.00	6,818.06	6,817.43	217.83	1.96	-90.59	-322.36	-1,712.78	7,342.00	7,291.41	50.60	145.099		
14,100.00	6,840.00	6,818.79	6,818.16	220.49	1.96	-90.61	-322.37	-1,712.79	7,437.92	7,387.29	50.63	146.912		
14,200.00	6,840.00	6,819.53	6,818.89	223.15	1.96	-90.63	-322.39	-1,712.80	7,533.94	7,483.28	50.66	148.723		
14,300.00	6,840.00	6,820.26	6,819.63	225.81	1.96	-90.65	-322.40	-1,712.80	7,630.06	7,579.37	50.69	150.531		
14,400.00	6,840.00	6,821.00	6,820.36	228.47	1.96	-90.67	-322.41	-1,712.81	7,726.28	7,675.56	50.72	152.337		
14,500.00	6,840.00	6,821.73	6,821.10	231.13	1.96	-90.69	-322.42	-1,712.81	7,822.59	7,771.84	50.75	154.141		
14,600.00	6,840.00	6,822.47	6,821.84	233.79	1.96	-90.71	-322.43	-1,712.82	7,918.99	7,868.21	50.78	155.942		
14,700.00	6,840.00	6,823.21	6,822.58	236.46	1.96	-90.73	-322.45	-1,712.83	8,015.49	7,964.67	50.81	157.740		
14,800.00	6,840.00	6,823.95	6,823.32	239.12	1.96	-90.75	-322.46	-1,712.83	8,112.06	8,061.22	50.85	159.535		
14,900.00	6,840.00	6,824.69	6,824.06	241.79	1.96	-90.77	-322.47	-1,712.84	8,208.72	8,157.84	50.88	161.328		
15,000.00	6,840.00	6,825.43	6,824.80	244.46	1.96	-90.79	-322.48	-1,712.84	8,305.46	8,254.55	50.92	163.117		
15,100.00	6,840.00	6,826.18	6,825.54	247.13	1.96	-90.81	-322.50	-1,712.85	8,402.28	8,351.33	50.95	164.903		
15,200.00	6,840.00	6,826.92	6,826.29	249.80	1.96	-90.83	-322.51	-1,712.86	8,499.17	8,448.18	50.99	166.686		
15,300.00	6,840.00	6,827.67	6,827.03	252.47	1.96	-90.85	-322.52	-1,712.86	8,596.13	8,545.10	51.03	168.465		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,828.41	6,827.78	255.15	1.96	-90.87	-322.53	-1,712.87	8,693.16	8,642.09	51.06	170.241	
15,500.00	6,840.00	6,829.16	6,828.53	257.82	1.96	-90.89	-322.55	-1,712.87	8,790.25	8,739.15	51.10	172.014	
15,600.00	6,840.00	6,829.91	6,829.27	260.50	1.96	-90.91	-322.56	-1,712.88	8,887.41	8,836.27	51.14	173.783	
15,700.00	6,840.00	6,830.66	6,830.02	263.17	1.96	-90.93	-322.57	-1,712.89	8,984.63	8,933.45	51.18	175.548	
15,800.00	6,840.00	6,831.41	6,830.77	265.85	1.96	-90.95	-322.58	-1,712.89	9,081.92	9,030.69	51.22	177.309	
15,900.00	6,840.00	6,832.16	6,831.53	268.53	1.96	-90.97	-322.60	-1,712.90	9,179.26	9,127.99	51.26	179.066	
16,000.00	6,840.00	6,832.91	6,832.28	271.20	1.96	-90.99	-322.61	-1,712.90	9,276.65	9,225.35	51.30	180.820	
16,100.00	6,840.00	6,833.67	6,833.03	273.88	1.96	-91.01	-322.62	-1,712.91	9,374.11	9,322.76	51.35	182.569	
16,200.00	6,840.00	6,834.42	6,833.79	276.56	1.96	-91.04	-322.64	-1,712.92	9,471.61	9,420.22	51.39	184.315	
16,300.00	6,840.00	6,835.18	6,834.55	279.25	1.96	-91.06	-322.65	-1,712.92	9,569.17	9,517.73	51.43	186.056	
16,400.00	6,840.00	6,835.94	6,835.30	281.93	1.96	-91.08	-322.66	-1,712.93	9,666.77	9,615.30	51.48	187.793	
16,500.00	6,840.00	6,836.70	6,836.06	284.61	1.96	-91.10	-322.67	-1,712.93	9,764.43	9,712.91	51.52	189.526	
16,600.00	6,840.00	6,837.46	6,836.82	287.29	1.96	-91.12	-322.69	-1,712.94	9,862.13	9,810.56	51.57	191.254	
16,700.00	6,840.00	6,838.22	6,837.58	289.98	1.96	-91.14	-322.70	-1,712.95	9,959.88	9,908.26	51.61	192.978	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-133.32	-1,618.55	-1,716.55	2,359.46					
100.00	100.00	77.78	77.78	0.13	0.07	-133.32	-1,618.64	-1,716.33	2,359.20	2,359.00	0.21	N/A		
200.00	200.00	190.37	190.36	0.49	0.21	-133.34	-1,618.81	-1,715.41	2,358.71	2,358.01	0.71	3,342.950		
300.00	300.00	305.18	305.17	0.85	0.31	-133.35	-1,618.25	-1,714.22	2,357.62	2,356.46	1.16	2,031.318		
400.00	400.00	403.57	403.55	1.21	0.38	-133.35	-1,617.27	-1,713.31	2,356.27	2,354.68	1.59	1,483.779		
500.00	499.98	509.47	509.44	1.57	0.45	-84.16	-1,616.03	-1,712.35	2,354.63	2,352.62	2.01	1,171.404		
600.00	599.84	603.40	603.36	1.93	0.50	-84.30	-1,614.71	-1,711.75	2,352.66	2,350.24	2.42	973.226		
700.00	699.45	708.69	708.63	2.29	0.55	-84.55	-1,613.04	-1,711.22	2,350.35	2,347.51	2.84	828.186		
800.00	798.70	800.47	800.39	2.67	0.59	-84.86	-1,611.64	-1,710.79	2,347.80	2,344.54	3.26	719.573		
900.00	897.47	897.59	897.50	3.07	0.64	-85.26	-1,610.24	-1,710.48	2,345.19	2,341.49	3.71	632.394		
1,000.00	995.62	986.43	986.34	3.50	0.68	-85.71	-1,609.05	-1,710.39	2,342.65	2,338.47	4.17	561.257		
1,100.00	1,093.06	1,082.25	1,082.15	3.97	0.72	-86.26	-1,608.00	-1,710.45	2,340.27	2,335.59	4.67	500.676		
1,200.00	1,189.64	1,177.10	1,177.00	4.47	0.75	-86.89	-1,607.10	-1,710.42	2,337.95	2,332.73	5.21	448.518		
1,300.00	1,285.27	1,270.17	1,270.06	5.01	0.79	-87.59	-1,606.27	-1,710.48	2,335.84	2,330.05	5.79	403.178		
1,400.00	1,379.82	1,361.60	1,361.49	5.61	0.83	-88.34	-1,605.60	-1,710.53	2,334.11	2,327.69	6.42	363.398		
1,500.00	1,473.17	1,447.90	1,447.79	6.25	0.85	-89.12	-1,605.22	-1,710.57	2,332.95	2,325.85	7.10	328.690		
1,588.17	1,554.40	1,523.80	1,523.69	6.88	0.87	-89.84	-1,604.91	-1,710.98	2,332.65	2,324.91	7.74	301.441 CC		
1,600.00	1,565.21	1,534.91	1,534.80	6.96	0.88	-89.94	-1,604.88	-1,711.05	2,332.65	2,324.83	7.82	298.104		
1,700.00	1,656.01	1,627.40	1,627.29	7.72	0.90	-90.88	-1,604.65	-1,711.39	2,333.05	2,324.44	8.61	271.037 ES		
1,800.00	1,746.60	1,718.19	1,718.08	8.50	0.93	-91.82	-1,604.46	-1,711.66	2,334.18	2,324.76	9.42	247.888		
1,900.00	1,837.19	1,809.33	1,809.22	9.30	0.96	-92.76	-1,604.17	-1,712.07	2,336.07	2,325.84	10.24	228.195		
2,000.00	1,927.79	1,909.81	1,909.70	10.12	0.99	-93.79	-1,603.68	-1,712.37	2,338.51	2,327.44	11.07	211.231		
2,100.00	2,018.38	2,011.83	2,011.71	10.93	1.02	-94.83	-1,602.93	-1,712.24	2,341.28	2,329.36	11.92	196.459		
2,200.00	2,108.97	2,106.20	2,106.08	11.76	1.06	-95.80	-1,601.99	-1,712.03	2,344.56	2,331.79	12.77	183.627		
2,300.00	2,199.56	2,218.43	2,218.29	12.59	1.10	-96.93	-1,600.00	-1,711.72	2,347.95	2,334.32	13.63	172.315		
2,400.00	2,290.15	2,305.89	2,305.73	13.43	1.13	-97.81	-1,598.23	-1,711.38	2,351.83	2,337.36	14.47	162.477		
2,500.00	2,380.75	2,404.54	2,404.37	14.26	1.17	-98.81	-1,596.33	-1,710.65	2,356.35	2,341.03	15.33	153.745		
2,600.00	2,471.34	2,487.53	2,487.33	15.11	1.20	-99.66	-1,594.95	-1,709.70	2,361.62	2,345.45	16.17	146.056		
2,700.00	2,561.93	2,567.98	2,567.77	15.95	1.22	-100.49	-1,594.05	-1,708.59	2,367.95	2,350.95	17.00	139.255		
2,800.00	2,652.52	2,656.10	2,655.88	16.80	1.24	-101.39	-1,593.52	-1,707.18	2,375.34	2,357.51	17.84	133.176		
2,900.00	2,743.12	2,745.29	2,745.05	17.64	1.27	-102.31	-1,592.90	-1,705.82	2,383.45	2,364.79	18.66	127.716		
3,000.00	2,833.71	2,830.01	2,829.77	18.49	1.29	-103.17	-1,592.40	-1,704.68	2,392.46	2,372.98	19.48	122.823		
3,100.00	2,924.30	2,914.10	2,913.85	19.35	1.32	-104.02	-1,592.11	-1,703.61	2,402.43	2,382.15	20.29	118.427		
3,200.00	3,014.89	2,998.25	2,997.99	20.20	1.34	-104.86	-1,591.97	-1,702.73	2,413.36	2,392.28	21.08	114.465		
3,300.00	3,105.48	3,080.99	3,080.73	21.05	1.35	-105.68	-1,592.01	-1,702.04	2,425.25	2,403.39	21.87	110.909		
3,400.00	3,196.08	3,159.93	3,159.66	21.91	1.36	-106.46	-1,592.33	-1,701.47	2,438.18	2,415.55	22.63	107.733		
3,500.00	3,286.67	3,242.09	3,241.82	22.76	1.37	-107.26	-1,592.98	-1,701.10	2,452.22	2,428.83	23.38	104.869		
3,600.00	3,377.26	3,331.15	3,330.88	23.62	1.37	-108.12	-1,593.85	-1,700.70	2,467.08	2,442.95	24.13	102.252		
3,700.00	3,467.85	3,422.19	3,421.92	24.47	1.38	-108.99	-1,594.72	-1,700.16	2,482.55	2,457.69	24.86	99.850		
3,800.00	3,558.45	3,506.13	3,505.84	25.33	1.38	-109.79	-1,595.60	-1,699.83	2,498.81	2,473.22	25.58	97.669		
3,900.00	3,649.04	3,593.53	3,593.25	26.19	1.39	-110.60	-1,596.60	-1,699.71	2,515.86	2,489.57	26.30	95.672		
4,000.00	3,739.63	3,680.56	3,680.26	27.05	1.39	-111.40	-1,597.69	-1,699.66	2,533.64	2,506.64	27.00	93.840		
4,100.00	3,830.22	3,766.78	3,766.47	27.90	1.39	-112.19	-1,598.87	-1,699.67	2,552.15	2,524.46	27.69	92.161		
4,200.00	3,920.81	3,856.69	3,856.38	28.76	1.39	-112.99	-1,600.16	-1,699.85	2,571.35	2,542.97	28.38	90.608		
4,300.00	4,011.41	3,947.59	3,947.27	29.62	1.40	-113.79	-1,601.38	-1,700.19	2,591.09	2,562.03	29.06	89.170		
4,400.00	4,102.00	4,037.25	4,036.92	30.48	1.40	-114.57	-1,602.60	-1,700.51	2,611.39	2,581.66	29.73	87.845		
4,500.00	4,192.59	4,129.54	4,129.20	31.34	1.41	-115.36	-1,603.88	-1,700.78	2,632.24	2,601.85	30.39	86.615		
4,600.00	4,283.18	4,227.07	4,226.72	32.20	1.41	-116.19	-1,605.05	-1,700.92	2,653.43	2,622.39	31.05	85.460		
4,700.00	4,373.78	4,325.03	4,324.68	33.06	1.42	-117.01	-1,605.96	-1,701.08	2,674.92	2,643.22	31.70	84.382		
4,800.00	4,464.37	4,428.49	4,428.14	33.92	1.42	-117.85	-1,606.48	-1,701.52	2,696.57	2,664.22	32.35	83.356		
4,900.00	4,554.96	4,546.34	4,545.98	34.78	1.43	-118.79	-1,606.20	-1,702.31	2,718.11	2,685.09	33.01	82.335		
5,000.00	4,645.55	4,665.86	4,665.49	35.64	1.45	-119.71	-1,604.45	-1,703.29	2,738.98	2,705.30	33.68	81.327		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,762.02	4,761.63	36.51	1.47	-120.44	-1,602.46	-1,704.15	2,759.78	2,725.46	34.32	80.422		
5,200.00	4,826.74	4,852.64	4,852.22	37.37	1.49	-121.11	-1,600.58	-1,705.00	2,781.02	2,746.08	34.94	79.594		
5,300.00	4,917.33	4,940.71	4,940.26	38.23	1.51	-121.76	-1,598.77	-1,706.01	2,802.73	2,767.18	35.55	78.830		
5,400.00	5,007.92	5,024.42	5,023.95	39.09	1.52	-122.36	-1,597.21	-1,707.13	2,825.04	2,788.88	36.15	78.137		
5,500.00	5,098.51	5,105.84	5,105.35	39.95	1.54	-122.94	-1,595.97	-1,708.22	2,848.05	2,811.31	36.74	77.510		
5,600.00	5,189.11	5,195.37	5,194.86	40.81	1.56	-123.57	-1,594.78	-1,709.40	2,871.64	2,834.30	37.33	76.916		
5,700.00	5,279.70	5,278.26	5,277.74	41.68	1.57	-124.14	-1,593.83	-1,710.54	2,895.76	2,857.85	37.91	76.388		
5,800.00	5,370.29	5,371.12	5,370.60	42.54	1.59	-124.77	-1,592.91	-1,711.90	2,920.40	2,881.92	38.49	75.879		
5,900.00	5,460.88	5,456.65	5,456.11	43.40	1.60	-125.35	-1,592.04	-1,713.17	2,945.38	2,906.33	39.05	75.426		
6,000.00	5,551.47	5,546.74	5,546.18	44.26	1.62	-125.94	-1,591.35	-1,714.50	2,970.94	2,931.33	39.61	75.002		
6,100.00	5,642.07	5,641.38	5,640.82	45.13	1.64	-126.57	-1,590.49	-1,715.26	2,996.68	2,956.51	40.17	74.599		
6,200.00	5,732.66	5,730.18	5,729.62	45.99	1.66	-127.16	-1,589.74	-1,715.37	3,022.82	2,982.10	40.71	74.247		
6,300.00	5,823.25	5,818.93	5,818.36	46.85	1.68	-127.75	-1,589.01	-1,715.02	3,049.32	3,008.08	41.25	73.931		
6,400.00	5,913.84	5,899.51	5,898.94	47.72	1.70	-128.29	-1,588.54	-1,714.37	3,076.38	3,034.63	41.76	73.676		
6,500.00	6,004.44	5,987.86	5,987.28	48.58	1.71	-128.87	-1,588.18	-1,713.38	3,103.97	3,061.71	42.27	73.440		
6,600.00	6,095.03	6,064.13	6,063.54	49.44	1.72	-129.36	-1,588.05	-1,712.47	3,132.11	3,089.37	42.75	73.270		
6,700.00	6,185.62	6,155.41	6,154.83	50.30	1.73	-129.94	-1,588.24	-1,711.71	3,160.92	3,117.67	43.24	73.094		
6,800.00	6,276.21	6,244.75	6,244.16	51.17	1.75	-130.50	-1,588.21	-1,711.20	3,189.81	3,146.08	43.73	72.936		
6,900.00	6,366.80	6,325.73	6,325.14	52.03	1.75	-130.99	-1,588.45	-1,710.69	3,219.32	3,175.12	44.20	72.829		
7,000.00	6,457.40	6,421.80	6,421.21	52.89	1.76	-131.57	-1,588.78	-1,710.27	3,249.16	3,204.47	44.69	72.706		
7,100.00	6,545.60	6,521.11	6,520.52	53.85	1.76	-119.48	-1,588.81	-1,710.17	3,278.74	3,233.50	45.24	72.475		
7,200.00	6,626.13	6,597.75	6,597.15	55.05	1.77	-110.42	-1,588.78	-1,710.17	3,307.78	3,261.87	45.92	72.037		
7,300.00	6,696.49	6,667.72	6,667.13	56.46	1.76	-104.22	-1,588.82	-1,710.27	3,336.16	3,289.42	46.74	71.376		
7,400.00	6,754.56	6,721.63	6,721.03	58.05	1.76	-99.58	-1,588.88	-1,710.49	3,363.70	3,316.03	47.67	70.558		
7,500.00	6,798.57	6,758.45	6,757.86	59.78	1.76	-95.84	-1,589.01	-1,710.65	3,390.33	3,341.66	48.68	69.649		
7,600.00	6,827.18	6,782.44	6,781.84	61.58	1.76	-92.77	-1,589.13	-1,710.74	3,415.78	3,366.06	49.72	68.706		
7,700.00	6,839.51	6,792.93	6,792.33	63.39	1.76	-90.22	-1,589.19	-1,710.77	3,439.61	3,388.88	50.74	67.791		
7,800.00	6,840.00	6,793.62	6,793.02	65.19	1.76	-89.68	-1,589.20	-1,710.78	3,462.81	3,411.08	51.72	66.948		
7,900.00	6,840.00	6,793.90	6,793.31	67.04	1.76	-89.68	-1,589.20	-1,710.78	3,488.57	3,435.86	52.71	66.185		
8,000.00	6,840.00	6,794.19	6,793.59	68.95	1.76	-89.69	-1,589.20	-1,710.78	3,516.99	3,463.30	53.69	65.506		
8,100.00	6,840.00	6,794.47	6,793.88	70.91	1.76	-89.69	-1,589.20	-1,710.78	3,548.00	3,493.34	54.66	64.911		
8,200.00	6,840.00	6,794.76	6,794.16	72.91	1.76	-89.70	-1,589.21	-1,710.78	3,581.53	3,525.92	55.61	64.399		
8,300.00	6,840.00	6,795.04	6,794.44	74.96	1.76	-89.70	-1,589.21	-1,710.78	3,617.52	3,560.97	56.55	63.968		
8,400.00	6,840.00	6,795.32	6,794.72	77.05	1.76	-89.71	-1,589.21	-1,710.78	3,655.89	3,598.42	57.47	63.616		
8,500.00	6,840.00	6,795.60	6,795.01	79.18	1.76	-89.71	-1,589.21	-1,710.78	3,696.57	3,638.21	58.36	63.339		
8,600.00	6,840.00	6,795.88	6,795.29	81.34	1.76	-89.71	-1,589.21	-1,710.78	3,739.48	3,680.25	59.23	63.136		
8,700.00	6,840.00	6,796.16	6,795.57	83.54	1.76	-89.72	-1,589.21	-1,710.78	3,784.55	3,724.48	60.07	63.003		
8,800.00	6,840.00	6,796.44	6,795.85	85.76	1.76	-89.72	-1,589.22	-1,710.79	3,831.69	3,770.81	60.88	62.937		
8,900.00	6,840.00	6,796.72	6,796.13	88.02	1.76	-89.73	-1,589.22	-1,710.79	3,880.84	3,819.18	61.66	62.934 SF		
9,000.00	6,840.00	6,797.00	6,796.41	90.30	1.76	-89.73	-1,589.22	-1,710.79	3,931.93	3,869.51	62.42	62.993		
9,100.00	6,840.00	6,797.28	6,796.69	92.60	1.76	-89.74	-1,589.22	-1,710.79	3,984.86	3,921.72	63.14	63.109		
9,200.00	6,840.00	6,797.56	6,796.96	94.93	1.76	-89.74	-1,589.22	-1,710.79	4,039.58	3,975.74	63.84	63.279		
9,300.00	6,840.00	6,797.84	6,797.24	97.28	1.76	-89.75	-1,589.23	-1,710.79	4,096.01	4,031.51	64.50	63.502		
9,400.00	6,840.00	6,798.11	6,797.52	99.65	1.76	-89.75	-1,589.23	-1,710.79	4,154.08	4,088.94	65.14	63.773		
9,500.00	6,840.00	6,798.39	6,797.79	102.03	1.76	-89.76	-1,589.23	-1,710.79	4,213.72	4,147.97	65.75	64.090		
9,600.00	6,840.00	6,798.67	6,798.07	104.43	1.76	-89.76	-1,589.23	-1,710.79	4,274.87	4,208.54	66.33	64.451		
9,700.00	6,840.00	6,800.00	6,799.40	106.85	1.76	-89.79	-1,589.24	-1,710.80	4,337.47	4,270.58	66.88	64.851		
9,800.00	6,840.00	6,800.00	6,799.40	109.29	1.76	-89.79	-1,589.24	-1,710.80	4,401.44	4,334.03	67.41	65.293		
9,900.00	6,840.00	6,800.00	6,799.40	111.73	1.76	-89.79	-1,589.24	-1,710.80	4,466.74	4,398.83	67.91	65.772		
10,000.00	6,840.00	6,800.00	6,799.40	114.19	1.76	-89.79	-1,589.24	-1,710.80	4,533.31	4,464.91	68.39	66.286		
10,100.00	6,840.00	6,800.05	6,799.46	116.66	1.76	-89.79	-1,589.24	-1,710.80	4,601.08	4,532.23	68.85	66.832		
10,200.00	6,840.00	6,800.47	6,799.87	119.15	1.76	-89.79	-1,589.24	-1,710.80	4,670.01	4,600.73	69.28	67.409		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,800.88	6,800.28	121.64	1.76	-89.80	-1,589.25	-1,710.80	4,740.05	4,670.36	69.69	68.015		
10,400.00	6,840.00	6,801.29	6,800.70	124.14	1.76	-89.81	-1,589.25	-1,710.80	4,811.15	4,741.07	70.08	68.649		
10,500.00	6,840.00	6,801.71	6,801.11	126.65	1.76	-89.81	-1,589.25	-1,710.80	4,883.26	4,812.81	70.46	69.309		
10,600.00	6,840.00	6,802.13	6,801.53	129.18	1.76	-89.82	-1,589.26	-1,710.81	4,956.34	4,885.53	70.81	69.993		
10,700.00	6,840.00	6,802.54	6,801.95	131.70	1.76	-89.83	-1,589.26	-1,710.81	5,030.35	4,959.20	71.15	70.702		
10,800.00	6,840.00	6,802.96	6,802.37	134.24	1.76	-89.84	-1,589.26	-1,710.81	5,105.24	5,033.77	71.47	71.432		
10,900.00	6,840.00	6,803.38	6,802.79	136.79	1.76	-89.84	-1,589.26	-1,710.81	5,180.98	5,109.21	71.77	72.184		
11,000.00	6,840.00	6,803.81	6,803.21	139.34	1.76	-89.85	-1,589.27	-1,710.81	5,257.53	5,185.47	72.06	72.956		
11,100.00	6,840.00	6,804.23	6,803.63	141.90	1.76	-89.86	-1,589.27	-1,710.81	5,334.86	5,262.52	72.34	73.746		
11,200.00	6,840.00	6,804.65	6,804.06	144.46	1.76	-89.86	-1,589.27	-1,710.81	5,412.93	5,340.33	72.60	74.555		
11,300.00	6,840.00	6,805.08	6,804.48	147.03	1.76	-89.87	-1,589.27	-1,710.82	5,491.71	5,418.86	72.85	75.380		
11,400.00	6,840.00	6,805.51	6,804.91	149.60	1.76	-89.88	-1,589.28	-1,710.82	5,571.17	5,498.08	73.09	76.222		
11,500.00	6,840.00	6,805.93	6,805.34	152.18	1.76	-89.89	-1,589.28	-1,710.82	5,651.29	5,577.97	73.32	77.078		
11,600.00	6,840.00	6,806.36	6,805.77	154.77	1.76	-89.89	-1,589.28	-1,710.82	5,732.03	5,658.49	73.53	77.950		
11,700.00	6,840.00	6,806.79	6,806.20	157.36	1.76	-89.90	-1,589.29	-1,710.82	5,813.36	5,739.62	73.74	78.835		
11,800.00	6,840.00	6,807.22	6,806.63	159.95	1.76	-89.91	-1,589.29	-1,710.82	5,895.27	5,821.34	73.94	79.733		
11,900.00	6,840.00	6,807.66	6,807.06	162.55	1.76	-89.92	-1,589.29	-1,710.82	5,977.74	5,903.61	74.13	80.644		
12,000.00	6,840.00	6,808.09	6,807.50	165.16	1.76	-89.92	-1,589.29	-1,710.83	6,060.73	5,986.42	74.30	81.566		
12,100.00	6,840.00	6,808.53	6,807.93	167.76	1.76	-89.93	-1,589.30	-1,710.83	6,144.22	6,069.75	74.48	82.500		
12,200.00	6,840.00	6,808.96	6,808.37	170.37	1.76	-89.94	-1,589.30	-1,710.83	6,228.21	6,153.57	74.64	83.444		
12,300.00	6,840.00	6,809.40	6,808.81	172.99	1.76	-89.95	-1,589.30	-1,710.83	6,312.66	6,237.86	74.80	84.399		
12,400.00	6,840.00	6,809.84	6,809.24	175.60	1.76	-89.95	-1,589.31	-1,710.83	6,397.56	6,322.61	74.95	85.363		
12,500.00	6,840.00	6,810.28	6,809.69	178.23	1.76	-89.96	-1,589.31	-1,710.83	6,482.88	6,407.80	75.09	86.336		
12,600.00	6,840.00	6,810.72	6,810.13	180.85	1.76	-89.97	-1,589.31	-1,710.83	6,568.63	6,493.40	75.23	87.318		
12,700.00	6,840.00	6,811.17	6,810.57	183.47	1.76	-89.98	-1,589.31	-1,710.84	6,654.77	6,579.41	75.36	88.309		
12,800.00	6,840.00	6,811.61	6,811.01	186.10	1.76	-89.98	-1,589.32	-1,710.84	6,741.29	6,665.81	75.48	89.307		
12,900.00	6,840.00	6,812.06	6,811.46	188.74	1.76	-89.99	-1,589.32	-1,710.84	6,828.18	6,752.58	75.61	90.313		
13,000.00	6,840.00	6,812.50	6,811.91	191.37	1.76	-90.00	-1,589.32	-1,710.84	6,915.43	6,839.71	75.72	91.326		
13,100.00	6,840.00	6,812.95	6,812.36	194.01	1.76	-90.01	-1,589.33	-1,710.84	7,003.02	6,927.18	75.83	92.346		
13,200.00	6,840.00	6,813.40	6,812.81	196.65	1.76	-90.01	-1,589.33	-1,710.84	7,090.93	7,014.99	75.94	93.373		
13,300.00	6,840.00	6,813.85	6,813.26	199.29	1.76	-90.02	-1,589.33	-1,710.85	7,179.16	7,103.12	76.05	94.406		
13,400.00	6,840.00	6,814.31	6,813.71	201.93	1.76	-90.03	-1,589.33	-1,710.85	7,267.70	7,191.55	76.15	95.444		
13,500.00	6,840.00	6,814.76	6,814.16	204.58	1.76	-90.04	-1,589.34	-1,710.85	7,356.53	7,280.29	76.24	96.488		
13,600.00	6,840.00	6,815.21	6,814.62	207.22	1.76	-90.04	-1,589.34	-1,710.85	7,445.64	7,369.31	76.34	97.538		
13,700.00	6,840.00	6,815.67	6,815.07	209.87	1.76	-90.05	-1,589.34	-1,710.85	7,535.03	7,458.60	76.43	98.593		
13,800.00	6,840.00	6,816.13	6,815.53	212.52	1.76	-90.06	-1,589.35	-1,710.85	7,624.68	7,548.17	76.51	99.652		
13,900.00	6,840.00	6,816.59	6,815.99	215.18	1.76	-90.07	-1,589.35	-1,710.86	7,714.58	7,637.99	76.60	100.716		
14,000.00	6,840.00	6,817.05	6,816.45	217.83	1.76	-90.08	-1,589.35	-1,710.86	7,804.73	7,728.05	76.68	101.785		
14,100.00	6,840.00	6,817.51	6,816.91	220.49	1.76	-90.08	-1,589.35	-1,710.86	7,895.12	7,818.36	76.76	102.858		
14,200.00	6,840.00	6,817.97	6,817.38	223.15	1.76	-90.09	-1,589.36	-1,710.86	7,985.74	7,908.90	76.83	103.934		
14,300.00	6,840.00	6,818.44	6,817.84	225.81	1.76	-90.10	-1,589.36	-1,710.86	8,076.57	7,999.67	76.91	105.015		
14,400.00	6,840.00	6,818.90	6,818.31	228.47	1.76	-90.11	-1,589.36	-1,710.86	8,167.63	8,090.65	76.98	106.099		
14,500.00	6,840.00	6,819.37	6,818.77	231.13	1.76	-90.12	-1,589.37	-1,710.87	8,258.89	8,181.83	77.05	107.186		
14,600.00	6,840.00	6,819.84	6,819.24	233.79	1.76	-90.12	-1,589.37	-1,710.87	8,350.34	8,273.22	77.12	108.277		
14,700.00	6,840.00	6,820.31	6,819.71	236.46	1.76	-90.13	-1,589.37	-1,710.87	8,442.00	8,364.81	77.19	109.370		
14,800.00	6,840.00	6,820.78	6,820.19	239.12	1.76	-90.14	-1,589.37	-1,710.87	8,533.84	8,456.59	77.25	110.467		
14,900.00	6,840.00	6,821.26	6,820.66	241.79	1.76	-90.15	-1,589.38	-1,710.87	8,625.86	8,548.54	77.32	111.566		
15,000.00	6,840.00	6,821.73	6,821.13	244.46	1.76	-90.16	-1,589.38	-1,710.87	8,718.06	8,640.68	77.38	112.668		
15,100.00	6,840.00	6,822.21	6,821.61	247.13	1.76	-90.16	-1,589.38	-1,710.88	8,810.43	8,732.99	77.44	113.773		
15,200.00	6,840.00	6,822.68	6,822.09	249.80	1.76	-90.17	-1,589.39	-1,710.88	8,902.96	8,825.46	77.50	114.879		
15,300.00	6,840.00	6,823.16	6,822.57	252.47	1.76	-90.18	-1,589.39	-1,710.88	8,995.65	8,918.09	77.56	115.988		
15,400.00	6,840.00	6,823.64	6,823.05	255.15	1.76	-90.19	-1,589.39	-1,710.88	9,088.50	9,010.88	77.61	117.099		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,824.13	6,823.53	257.82	1.76	-90.20	-1,589.39	-1,710.88	9,181.49	9,103.83	77.67	118.212	
15,600.00	6,840.00	6,824.61	6,824.01	260.50	1.76	-90.20	-1,589.40	-1,710.89	9,274.64	9,196.91	77.72	119.327	
15,700.00	6,840.00	6,825.09	6,824.50	263.17	1.76	-90.21	-1,589.40	-1,710.89	9,367.92	9,290.14	77.78	120.443	
15,800.00	6,840.00	6,825.58	6,824.98	265.85	1.76	-90.22	-1,589.40	-1,710.89	9,461.34	9,383.51	77.83	121.561	
15,900.00	6,840.00	6,826.07	6,825.47	268.53	1.76	-90.23	-1,589.41	-1,710.89	9,554.90	9,477.02	77.88	122.681	
16,000.00	6,840.00	6,826.56	6,825.96	271.20	1.76	-90.24	-1,589.41	-1,710.89	9,648.58	9,570.65	77.94	123.802	
16,100.00	6,840.00	6,827.05	6,826.45	273.88	1.76	-90.25	-1,589.41	-1,710.89	9,742.39	9,664.41	77.99	124.924	
16,200.00	6,840.00	6,827.54	6,826.94	276.56	1.76	-90.25	-1,589.41	-1,710.90	9,836.32	9,758.29	78.04	126.048	
16,300.00	6,840.00	6,828.04	6,827.44	279.25	1.76	-90.26	-1,589.42	-1,710.90	9,930.37	9,852.29	78.09	127.172	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-60.45	946.15	-1,668.95	1,918.92					
100.00	100.00	61.94	61.94	0.13	0.06	-60.45	946.04	-1,668.95	1,918.44	1,918.24	0.19	9,938.390		
200.00	200.00	162.30	162.30	0.49	0.18	-60.47	945.60	-1,668.96	1,918.23	1,917.56	0.67	2,853.452		
280.73	280.73	239.73	239.73	0.78	0.24	-60.47	945.43	-1,668.97	1,918.15	1,917.12	1.02	1,877.022		
300.00	300.00	257.89	257.89	0.85	0.25	-60.47	945.41	-1,668.98	1,918.15	1,917.06	1.09	1,751.749		
400.00	400.00	357.83	357.83	1.21	0.28	-60.47	945.44	-1,669.11	1,918.28	1,916.80	1.48	1,295.513		
500.00	499.98	456.08	456.08	1.57	0.31	-11.23	945.38	-1,669.19	1,916.61	1,914.74	1.86	1,027.821		
600.00	599.84	555.69	555.69	1.93	0.35	-11.28	945.47	-1,669.40	1,911.70	1,909.44	2.26	845.574		
700.00	699.45	653.83	653.83	2.29	0.40	-11.37	945.46	-1,669.56	1,903.29	1,900.62	2.67	714.070		
800.00	798.70	752.49	752.49	2.67	0.44	-11.49	945.59	-1,669.85	1,891.67	1,888.60	3.07	616.213		
900.00	897.47	851.78	851.78	3.07	0.48	-11.65	945.52	-1,670.14	1,876.54	1,873.07	3.47	540.331		
1,000.00	995.62	949.40	949.40	3.50	0.52	-11.84	945.70	-1,670.37	1,858.14	1,854.26	3.88	478.819		
1,100.00	1,093.06	1,048.00	1,048.00	3.97	0.56	-12.08	945.74	-1,670.62	1,836.35	1,832.05	4.30	427.092		
1,200.00	1,189.64	1,143.40	1,143.40	4.47	0.60	-12.36	945.84	-1,670.82	1,811.24	1,806.52	4.72	383.473		
1,300.00	1,285.27	1,238.54	1,238.54	5.01	0.64	-12.69	946.06	-1,671.08	1,782.98	1,777.83	5.15	346.179		
1,400.00	1,379.82	1,335.78	1,335.77	5.61	0.68	-13.07	946.30	-1,671.20	1,751.38	1,745.80	5.58	313.882		
1,500.00	1,473.17	1,430.11	1,430.11	6.25	0.71	-13.52	946.42	-1,671.28	1,716.51	1,710.50	6.01	285.385		
1,600.00	1,565.21	1,521.57	1,521.56	6.96	0.74	-14.02	946.59	-1,671.33	1,678.52	1,672.07	6.45	260.105		
1,700.00	1,656.01	1,610.59	1,610.59	7.72	0.77	-14.48	946.74	-1,671.47	1,637.89	1,630.99	6.90	237.403		
1,800.00	1,746.60	1,702.58	1,702.57	8.50	0.81	-14.86	946.84	-1,671.66	1,596.90	1,589.55	7.35	217.258		
1,900.00	1,837.19	1,792.71	1,792.70	9.30	0.85	-15.26	946.88	-1,671.85	1,555.95	1,548.14	7.81	199.254		
2,000.00	1,927.79	1,872.73	1,872.73	10.12	0.88	-15.63	946.99	-1,672.28	1,515.38	1,507.10	8.28	183.005		
2,100.00	2,018.38	1,959.70	1,959.69	10.93	0.91	-16.05	947.33	-1,673.23	1,475.42	1,466.66	8.76	168.427		
2,200.00	2,108.97	2,048.88	2,048.86	11.76	0.95	-16.51	947.78	-1,674.24	1,435.63	1,426.38	9.25	155.250		
2,300.00	2,199.56	2,137.33	2,137.30	12.59	0.98	-17.00	948.06	-1,675.52	1,396.10	1,386.36	9.74	143.276		
2,400.00	2,290.15	2,224.94	2,224.90	13.43	1.02	-17.51	948.31	-1,676.96	1,356.83	1,346.58	10.25	132.351		
2,500.00	2,380.75	2,309.11	2,309.05	14.26	1.05	-18.04	948.59	-1,678.75	1,318.08	1,307.31	10.77	122.343		
2,600.00	2,471.34	2,397.07	2,396.98	15.11	1.08	-18.60	949.45	-1,680.74	1,279.81	1,268.51	11.30	113.246		
2,700.00	2,561.93	2,490.51	2,490.39	15.95	1.12	-19.20	951.07	-1,682.63	1,241.73	1,229.90	11.83	104.955		
2,800.00	2,652.52	2,585.07	2,584.92	16.80	1.15	-19.82	952.98	-1,684.22	1,203.58	1,191.22	12.37	97.321		
2,900.00	2,743.12	2,676.31	2,676.12	17.64	1.18	-20.45	954.85	-1,685.63	1,165.44	1,152.52	12.92	90.212		
3,000.00	2,833.71	2,770.56	2,770.34	18.49	1.21	-21.16	956.60	-1,687.11	1,127.40	1,113.92	13.48	83.643		
3,100.00	2,924.30	2,863.98	2,863.74	19.35	1.25	-21.93	957.96	-1,688.46	1,089.27	1,075.21	14.06	77.496		
3,200.00	3,014.89	2,958.71	2,958.47	20.20	1.28	-22.77	959.12	-1,689.72	1,051.15	1,036.50	14.65	71.768		
3,300.00	3,105.48	3,052.40	3,052.14	21.05	1.31	-23.69	959.90	-1,690.73	1,012.89	997.63	15.26	66.377		
3,400.00	3,196.08	3,144.46	3,144.20	21.91	1.35	-24.67	960.42	-1,691.70	974.76	958.86	15.90	61.303		
3,500.00	3,286.67	3,238.08	3,237.81	22.76	1.38	-25.76	960.78	-1,692.59	936.78	920.21	16.56	56.555		
3,600.00	3,377.26	3,333.94	3,333.67	23.62	1.40	-26.98	960.98	-1,693.10	898.69	881.45	17.24	52.134		
3,700.00	3,467.85	3,428.58	3,428.31	24.47	1.40	-28.29	960.92	-1,693.13	860.43	842.51	17.93	47.992		
3,800.00	3,558.45	3,519.44	3,519.17	25.33	1.40	-29.67	960.76	-1,692.95	822.37	803.70	18.67	44.044		
3,900.00	3,649.04	3,607.49	3,607.22	26.19	1.40	-31.16	960.30	-1,693.01	784.94	765.45	19.48	40.290		
4,000.00	3,739.63	3,696.77	3,696.49	27.05	1.42	-32.83	959.58	-1,693.33	748.27	727.90	20.36	36.749		
4,100.00	3,830.22	3,787.50	3,787.22	27.90	1.44	-34.69	958.78	-1,693.73	712.32	691.02	21.30	33.439		
4,200.00	3,920.81	3,877.54	3,877.25	28.76	1.45	-36.73	957.93	-1,694.14	677.14	654.82	22.32	30.339		
4,300.00	4,011.41	3,968.93	3,968.64	29.62	1.47	-39.01	957.07	-1,694.55	642.86	619.45	23.41	27.457		
4,400.00	4,102.00	4,059.55	4,059.26	30.48	1.49	-41.46	956.60	-1,694.80	609.49	584.90	24.60	24.780		
4,500.00	4,192.59	4,150.80	4,150.51	31.34	1.51	-44.15	956.42	-1,695.06	577.32	551.45	25.87	22.318		
4,600.00	4,283.18	4,241.47	4,241.17	32.20	1.53	-47.12	956.23	-1,695.16	546.37	519.13	27.25	20.052		
4,700.00	4,373.78	4,330.34	4,330.05	33.06	1.55	-50.30	956.19	-1,695.45	517.23	488.49	28.74	17.994		
4,800.00	4,464.37	4,419.24	4,418.94	33.92	1.58	-53.80	956.16	-1,696.13	490.36	460.01	30.35	16.157		
4,900.00	4,554.96	4,510.28	4,509.98	34.78	1.61	-57.72	956.14	-1,696.96	465.84	433.81	32.03	14.542		
5,000.00	4,645.55	4,602.90	4,602.59	35.64	1.64	-62.08	956.19	-1,697.60	443.68	409.91	33.78	13.136		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,693.57	4,693.26	36.51	1.67	-66.72	956.22	-1,698.05	424.35	388.80	35.55	11.937		
5,200.00	4,826.74	4,784.37	4,784.06	37.37	1.69	-71.68	956.36	-1,698.56	408.43	371.15	37.28	10.957		
5,300.00	4,917.33	4,874.59	4,874.28	38.23	1.72	-76.88	956.66	-1,699.23	396.34	357.46	38.89	10.192		
5,400.00	5,007.92	4,964.95	4,964.64	39.09	1.75	-82.32	956.77	-1,699.96	388.55	348.25	40.30	9.641		
5,500.00	5,098.51	5,055.79	5,055.48	39.95	1.78	-87.92	956.87	-1,700.79	385.20	343.76	41.45	9.294		
5,524.96	5,121.13	5,078.53	5,078.21	40.17	1.79	-89.33	956.91	-1,701.01	385.07	343.38	41.69	9.237	CC, ES	
5,600.00	5,189.11	5,146.40	5,146.08	40.81	1.81	-93.52	957.03	-1,701.68	386.35	344.07	42.28	9.138	SF	
5,700.00	5,279.70	5,236.83	5,236.51	41.68	1.84	-99.02	957.08	-1,702.68	392.06	349.28	42.78	9.165		
5,800.00	5,370.29	5,327.69	5,327.36	42.54	1.87	-104.38	957.04	-1,703.62	402.08	359.10	42.97	9.356		
5,900.00	5,460.88	5,418.57	5,418.23	43.40	1.90	-109.46	957.06	-1,704.67	416.02	373.11	42.92	9.693		
6,000.00	5,551.47	5,508.65	5,508.31	44.26	1.93	-114.18	956.96	-1,705.83	433.66	390.98	42.67	10.162		
6,100.00	5,642.07	5,600.93	5,600.59	45.13	1.96	-118.67	956.91	-1,706.90	454.35	412.03	42.32	10.737		
6,200.00	5,732.66	5,694.85	5,694.50	45.99	1.99	-122.89	957.24	-1,707.68	477.37	435.47	41.89	11.395		
6,300.00	5,823.25	5,785.85	5,785.49	46.85	2.02	-126.64	957.86	-1,708.33	502.48	461.04	41.43	12.128		
6,400.00	5,913.84	5,875.91	5,875.55	47.72	2.04	-130.02	958.39	-1,708.96	529.73	488.76	40.97	12.929		
6,500.00	6,004.44	5,966.32	5,965.95	48.58	2.07	-133.12	958.78	-1,709.48	558.89	518.35	40.54	13.785		
6,600.00	6,095.03	6,056.82	6,056.45	49.44	2.10	-135.92	959.10	-1,710.16	589.61	549.44	40.17	14.678		
6,700.00	6,185.62	6,147.36	6,146.99	50.30	2.13	-138.46	959.33	-1,710.92	621.67	581.82	39.85	15.600		
6,800.00	6,276.21	6,238.20	6,237.83	51.17	2.16	-140.75	959.49	-1,711.90	654.83	615.23	39.60	16.535		
6,900.00	6,366.80	6,329.21	6,328.83	52.03	2.19	-142.82	959.62	-1,712.96	688.90	649.49	39.41	17.479		
7,000.00	6,457.40	6,421.57	6,421.18	52.89	2.22	-144.72	959.73	-1,714.26	723.71	684.41	39.30	18.417		
7,100.00	6,545.60	6,514.67	6,514.26	53.85	2.25	-133.51	960.21	-1,715.89	760.06	720.90	39.16	19.411		
7,200.00	6,626.13	6,595.55	6,595.13	55.05	2.28	-125.23	960.74	-1,717.41	800.67	761.89	38.78	20.646		
7,300.00	6,696.49	6,663.66	6,663.22	56.46	2.30	-119.12	961.00	-1,718.66	846.59	808.36	38.24	22.142		
7,400.00	6,754.56	6,722.09	6,721.65	58.05	2.32	-113.74	961.02	-1,719.69	898.39	860.76	37.63	23.876		
7,500.00	6,798.57	6,769.17	6,768.72	59.78	2.33	-108.08	961.25	-1,720.26	955.80	918.81	36.99	25.838		
7,600.00	6,827.18	6,799.45	6,799.00	61.58	2.34	-101.25	961.55	-1,720.47	1,018.28	981.95	36.33	28.030		
7,700.00	6,839.51	6,810.40	6,809.95	63.39	2.34	-92.95	961.69	-1,720.51	1,084.59	1,048.94	35.65	30.426		
7,800.00	6,840.00	6,811.01	6,810.56	65.19	2.34	-90.82	961.69	-1,720.52	1,153.89	1,118.83	35.05	32.919		
7,900.00	6,840.00	6,811.20	6,810.75	67.04	2.34	-90.83	961.70	-1,720.52	1,227.34	1,192.73	34.61	35.464		
8,000.00	6,840.00	6,811.39	6,810.94	68.95	2.34	-90.85	961.70	-1,720.52	1,304.32	1,270.04	34.29	38.041		
8,100.00	6,840.00	6,811.57	6,811.12	70.91	2.34	-90.86	961.70	-1,720.52	1,384.26	1,350.19	34.07	40.634		
8,200.00	6,840.00	6,811.74	6,811.29	72.91	2.34	-90.87	961.70	-1,720.52	1,466.65	1,432.73	33.92	43.236		
8,300.00	6,840.00	6,811.91	6,811.46	74.96	2.34	-90.88	961.70	-1,720.52	1,551.12	1,517.28	33.84	45.839		
8,400.00	6,840.00	6,812.07	6,811.62	77.05	2.34	-90.90	961.71	-1,720.52	1,637.34	1,603.54	33.80	48.442		
8,500.00	6,840.00	6,812.22	6,811.77	79.18	2.34	-90.91	961.71	-1,720.52	1,725.05	1,691.25	33.80	51.042		
8,600.00	6,840.00	6,812.37	6,811.92	81.34	2.34	-90.92	961.71	-1,720.52	1,814.03	1,780.21	33.82	53.638		
8,700.00	6,840.00	6,812.52	6,812.07	83.54	2.34	-90.93	961.71	-1,720.52	1,904.10	1,870.24	33.86	56.231		
8,800.00	6,840.00	6,812.66	6,812.21	85.76	2.34	-90.94	961.71	-1,720.52	1,995.12	1,961.20	33.92	58.820		
8,900.00	6,840.00	6,812.79	6,812.34	88.02	2.34	-90.95	961.71	-1,720.52	2,086.96	2,052.97	33.99	61.405		
9,000.00	6,840.00	6,812.93	6,812.47	90.30	2.34	-90.96	961.72	-1,720.52	2,179.52	2,145.46	34.06	63.986		
9,100.00	6,840.00	6,813.05	6,812.60	92.60	2.34	-90.97	961.72	-1,720.52	2,272.71	2,238.57	34.14	66.564		
9,200.00	6,840.00	6,813.18	6,812.72	94.93	2.34	-90.97	961.72	-1,720.52	2,366.46	2,332.23	34.23	69.138		
9,300.00	6,840.00	6,813.30	6,812.84	97.28	2.34	-90.98	961.72	-1,720.52	2,460.69	2,426.38	34.32	71.708		
9,400.00	6,840.00	6,813.41	6,812.96	99.65	2.34	-90.99	961.72	-1,720.52	2,555.37	2,520.97	34.40	74.274		
9,500.00	6,840.00	6,813.53	6,813.07	102.03	2.34	-91.00	961.72	-1,720.52	2,650.44	2,615.94	34.49	76.837		
9,600.00	6,840.00	6,813.63	6,813.18	104.43	2.34	-91.01	961.72	-1,720.52	2,745.86	2,711.27	34.58	79.395		
9,700.00	6,840.00	6,800.00	6,799.55	106.85	2.34	-90.04	961.56	-1,720.48	2,841.65	2,807.06	34.58	82.170		
9,800.00	6,840.00	6,800.00	6,799.55	109.29	2.34	-90.04	961.56	-1,720.48	2,937.66	2,902.99	34.67	84.724		
9,900.00	6,840.00	6,800.00	6,799.55	111.73	2.34	-90.04	961.56	-1,720.48	3,033.94	2,999.17	34.76	87.274		
10,000.00	6,840.00	6,800.00	6,799.55	114.19	2.34	-90.04	961.56	-1,720.48	3,130.45	3,095.59	34.85	89.819		
10,100.00	6,840.00	6,800.00	6,799.55	116.66	2.34	-90.04	961.56	-1,720.48	3,227.17	3,192.22	34.94	92.359		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,800.00	6,799.55	119.15	2.34	-90.04	961.56	-1,720.48	3,324.08	3,289.05	35.03	94.895		
10,300.00	6,840.00	6,800.00	6,799.55	121.64	2.34	-90.04	961.56	-1,720.48	3,421.17	3,386.06	35.12	97.425		
10,400.00	6,840.00	6,800.00	6,799.55	124.14	2.34	-90.04	961.56	-1,720.48	3,518.43	3,483.23	35.20	99.951		
10,500.00	6,840.00	6,800.00	6,799.55	126.65	2.34	-90.04	961.56	-1,720.48	3,615.83	3,580.55	35.29	102.471		
10,600.00	6,840.00	6,800.00	6,799.55	129.18	2.34	-90.04	961.56	-1,720.48	3,713.38	3,678.01	35.37	104.986		
10,700.00	6,840.00	6,800.00	6,799.55	131.70	2.34	-90.04	961.56	-1,720.48	3,811.05	3,775.59	35.45	107.495		
10,800.00	6,840.00	6,800.00	6,799.55	134.24	2.34	-90.04	961.56	-1,720.48	3,908.83	3,873.30	35.54	109.998		
10,900.00	6,840.00	6,800.00	6,799.55	136.79	2.34	-90.04	961.56	-1,720.48	4,006.73	3,971.12	35.62	112.495		
11,000.00	6,840.00	6,800.00	6,799.55	139.34	2.34	-90.04	961.56	-1,720.48	4,104.73	4,069.03	35.70	114.987		
11,100.00	6,840.00	6,800.00	6,799.55	141.90	2.34	-90.04	961.56	-1,720.48	4,202.82	4,167.05	35.78	117.472		
11,200.00	6,840.00	6,800.00	6,799.55	144.46	2.34	-90.04	961.56	-1,720.48	4,301.00	4,265.15	35.86	119.951		
11,300.00	6,840.00	6,800.00	6,799.55	147.03	2.34	-90.04	961.56	-1,720.48	4,399.27	4,363.33	35.93	122.423		
11,400.00	6,840.00	6,800.00	6,799.55	149.60	2.34	-90.04	961.56	-1,720.48	4,497.61	4,461.59	36.01	124.889		
11,500.00	6,840.00	6,800.00	6,799.55	152.18	2.34	-90.04	961.56	-1,720.48	4,596.02	4,559.93	36.09	127.348		
11,600.00	6,840.00	6,800.00	6,799.55	154.77	2.34	-90.04	961.56	-1,720.48	4,694.50	4,658.33	36.17	129.800		
11,700.00	6,840.00	6,800.00	6,799.55	157.36	2.34	-90.04	961.56	-1,720.48	4,793.04	4,756.79	36.24	132.246		
11,800.00	6,840.00	6,800.00	6,799.55	159.95	2.34	-90.04	961.56	-1,720.48	4,891.64	4,855.32	36.32	134.684		
11,900.00	6,840.00	6,800.00	6,799.55	162.55	2.34	-90.04	961.56	-1,720.48	4,990.29	4,953.90	36.40	137.115		
12,000.00	6,840.00	6,800.00	6,799.55	165.16	2.34	-90.04	961.56	-1,720.48	5,089.00	5,052.53	36.47	139.538		
12,100.00	6,840.00	6,800.00	6,799.55	167.76	2.34	-90.04	961.56	-1,720.48	5,187.76	5,151.22	36.55	141.954		
12,200.00	6,840.00	6,800.00	6,799.55	170.37	2.34	-90.04	961.56	-1,720.48	5,286.57	5,249.95	36.62	144.363		
12,300.00	6,840.00	6,800.00	6,799.55	172.99	2.34	-90.04	961.56	-1,720.48	5,385.41	5,348.72	36.69	146.764		
12,400.00	6,840.00	6,800.00	6,799.55	175.60	2.34	-90.04	961.56	-1,720.48	5,484.30	5,447.54	36.77	149.158		
12,500.00	6,840.00	6,800.00	6,799.55	178.23	2.34	-90.04	961.56	-1,720.48	5,583.24	5,546.39	36.84	151.543		
12,600.00	6,840.00	6,800.00	6,799.55	180.85	2.34	-90.04	961.56	-1,720.48	5,682.20	5,645.29	36.92	153.921		
12,700.00	6,840.00	6,800.00	6,799.55	183.47	2.34	-90.04	961.56	-1,720.48	5,781.21	5,744.22	36.99	156.290		
12,800.00	6,840.00	6,800.00	6,799.55	186.10	2.34	-90.04	961.56	-1,720.48	5,880.24	5,843.18	37.06	158.652		
12,900.00	6,840.00	6,800.00	6,799.55	188.74	2.34	-90.04	961.56	-1,720.48	5,979.31	5,942.17	37.14	161.005		
13,000.00	6,840.00	6,800.00	6,799.55	191.37	2.34	-90.04	961.56	-1,720.48	6,078.41	6,041.20	37.21	163.350		
13,100.00	6,840.00	6,800.00	6,799.55	194.01	2.34	-90.04	961.56	-1,720.48	6,177.54	6,140.25	37.28	165.687		
13,200.00	6,840.00	6,800.00	6,799.55	196.65	2.34	-90.04	961.56	-1,720.48	6,276.70	6,239.34	37.36	168.016		
13,300.00	6,840.00	6,800.00	6,799.55	199.29	2.34	-90.04	961.56	-1,720.48	6,375.88	6,338.45	37.43	170.336		
13,400.00	6,840.00	6,800.00	6,799.55	201.93	2.34	-90.04	961.56	-1,720.48	6,475.09	6,437.58	37.50	172.647		
13,500.00	6,840.00	6,800.00	6,799.55	204.58	2.34	-90.04	961.56	-1,720.48	6,574.32	6,536.74	37.58	174.950		
13,600.00	6,840.00	6,800.00	6,799.55	207.22	2.34	-90.04	961.56	-1,720.48	6,673.57	6,635.92	37.65	177.244		
13,700.00	6,840.00	6,800.00	6,799.55	209.87	2.34	-90.04	961.56	-1,720.48	6,772.85	6,735.12	37.73	179.529		
13,800.00	6,840.00	6,800.00	6,799.55	212.52	2.34	-90.04	961.56	-1,720.48	6,872.15	6,834.35	37.80	181.806		
13,900.00	6,840.00	6,800.00	6,799.55	215.18	2.34	-90.04	961.56	-1,720.48	6,971.46	6,933.59	37.87	184.074		
14,000.00	6,840.00	6,800.00	6,799.55	217.83	2.34	-90.04	961.56	-1,720.48	7,070.80	7,032.85	37.95	186.333		
14,100.00	6,840.00	6,800.00	6,799.55	220.49	2.34	-90.04	961.56	-1,720.48	7,170.16	7,132.13	38.02	188.583		
14,200.00	6,840.00	6,800.00	6,799.55	223.15	2.34	-90.04	961.56	-1,720.48	7,269.53	7,231.43	38.10	190.824		
14,300.00	6,840.00	6,800.00	6,799.55	225.81	2.34	-90.04	961.56	-1,720.48	7,368.92	7,330.75	38.17	193.056		
14,400.00	6,840.00	6,800.00	6,799.55	228.47	2.34	-90.04	961.56	-1,720.48	7,468.32	7,430.08	38.24	195.279		
14,500.00	6,840.00	6,800.00	6,799.55	231.13	2.34	-90.04	961.56	-1,720.48	7,567.75	7,529.43	38.32	197.492		
14,600.00	6,840.00	6,800.00	6,799.55	233.79	2.34	-90.04	961.56	-1,720.48	7,667.18	7,628.79	38.39	199.697		
14,700.00	6,840.00	6,800.00	6,799.55	236.46	2.34	-90.04	961.56	-1,720.48	7,766.63	7,728.16	38.47	201.892		
14,800.00	6,840.00	6,800.00	6,799.55	239.12	2.34	-90.04	961.56	-1,720.48	7,866.10	7,827.55	38.54	204.078		
14,900.00	6,840.00	6,800.00	6,799.55	241.79	2.34	-90.04	961.56	-1,720.48	7,965.58	7,926.96	38.62	206.255		
15,000.00	6,840.00	6,800.00	6,799.55	244.46	2.34	-90.04	961.56	-1,720.48	8,065.07	8,026.37	38.70	208.422		
15,100.00	6,840.00	6,800.00	6,799.55	247.13	2.34	-90.04	961.56	-1,720.48	8,164.57	8,125.80	38.77	210.580		
15,200.00	6,840.00	6,800.00	6,799.55	249.80	2.34	-90.04	961.56	-1,720.48	8,264.09	8,225.24	38.85	212.729		
15,300.00	6,840.00	6,800.00	6,799.55	252.47	2.34	-90.04	961.56	-1,720.48	8,363.62	8,324.69	38.92	214.868		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
15,400.00	6,840.00	6,800.00	6,799.55	255.15	2.34	-90.04	961.56	-1,720.48	8,463.16	8,424.15	39.00	216.998	
15,500.00	6,840.00	6,800.00	6,799.55	257.82	2.34	-90.04	961.56	-1,720.48	8,562.70	8,523.63	39.08	219.118	
15,600.00	6,840.00	6,800.00	6,799.55	260.50	2.34	-90.04	961.56	-1,720.48	8,662.26	8,623.11	39.16	221.229	
15,700.00	6,840.00	6,800.00	6,799.55	263.17	2.34	-90.04	961.56	-1,720.48	8,761.83	8,722.60	39.23	223.330	
15,800.00	6,840.00	6,800.00	6,799.55	265.85	2.34	-90.04	961.56	-1,720.48	8,861.41	8,822.10	39.31	225.422	
15,900.00	6,840.00	6,800.00	6,799.55	268.53	2.34	-90.04	961.56	-1,720.48	8,961.00	8,921.61	39.39	227.504	
16,000.00	6,840.00	6,800.00	6,799.55	271.20	2.34	-90.04	961.56	-1,720.48	9,060.60	9,021.13	39.47	229.577	
16,100.00	6,840.00	6,800.00	6,799.55	273.88	2.34	-90.04	961.56	-1,720.48	9,160.21	9,120.66	39.55	231.639	
16,200.00	6,840.00	6,800.00	6,799.55	276.56	2.34	-90.04	961.56	-1,720.48	9,259.82	9,220.20	39.62	233.693	
16,300.00	6,840.00	6,800.00	6,799.55	279.25	2.34	-90.04	961.56	-1,720.48	9,359.45	9,319.74	39.70	235.737	
16,400.00	6,840.00	6,800.00	6,799.55	281.93	2.34	-90.04	961.56	-1,720.48	9,459.08	9,419.29	39.78	237.771	
16,500.00	6,840.00	6,800.00	6,799.55	284.61	2.34	-90.04	961.56	-1,720.48	9,558.72	9,518.85	39.86	239.795	
16,600.00	6,840.00	6,800.00	6,799.55	287.29	2.34	-90.04	961.56	-1,720.48	9,658.36	9,618.42	39.94	241.810	
16,700.00	6,840.00	6,800.00	6,799.55	289.98	2.34	-90.04	961.56	-1,720.48	9,758.02	9,717.99	40.02	243.815	
16,800.00	6,840.00	6,800.00	6,799.55	292.66	2.34	-90.04	961.56	-1,720.48	9,857.68	9,817.57	40.10	245.810	
16,900.00	6,840.00	6,800.00	6,799.55	295.35	2.34	-90.04	961.56	-1,720.48	9,957.34	9,917.16	40.18	247.796	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-34.29	2,410.65	-1,643.74	2,918.08					
100.00	100.00	51.91	51.91	0.13	0.05	-34.29	2,410.68	-1,643.73	2,917.74	2,917.56	0.18	N/A		
200.00	200.00	154.31	154.31	0.49	0.16	-34.28	2,410.88	-1,643.58	2,917.83	2,917.17	0.65	4,481.040		
300.00	300.00	258.75	258.75	0.85	0.27	-34.28	2,411.02	-1,643.17	2,917.71	2,916.59	1.11	2,620.088		
400.00	400.00	356.79	356.79	1.21	0.35	-34.27	2,411.17	-1,642.67	2,917.56	2,916.01	1.54	1,888.782		
500.00	499.98	455.99	455.99	1.57	0.41	15.02	2,411.36	-1,642.31	2,915.81	2,913.85	1.96	1,487.292		
600.00	599.84	553.86	553.85	1.93	0.44	15.08	2,411.41	-1,642.11	2,910.70	2,908.35	2.34	1,241.753		
700.00	699.45	648.07	648.07	2.29	0.44	15.16	2,411.41	-1,642.26	2,902.37	2,899.66	2.71	1,070.850		
800.00	798.70	743.74	743.73	2.67	0.47	15.29	2,411.84	-1,642.08	2,890.87	2,887.77	3.10	932.000		
900.00	897.47	845.22	845.22	3.07	0.52	15.46	2,412.35	-1,641.88	2,876.07	2,872.56	3.51	818.756		
1,000.00	995.62	953.98	953.97	3.50	0.54	15.68	2,412.41	-1,641.90	2,857.73	2,853.82	3.91	731.128		
1,100.00	1,093.06	1,054.46	1,054.45	3.97	0.55	15.92	2,412.09	-1,641.87	2,835.76	2,831.46	4.31	658.321		
1,200.00	1,189.64	1,146.50	1,146.49	4.47	0.58	16.21	2,411.99	-1,641.71	2,810.65	2,805.93	4.72	595.273		
1,300.00	1,285.27	1,237.57	1,237.56	5.01	0.60	16.53	2,412.00	-1,641.66	2,782.49	2,777.35	5.13	541.870		
1,400.00	1,379.82	1,332.86	1,332.86	5.61	0.61	16.92	2,412.02	-1,641.84	2,751.28	2,745.73	5.55	495.935		
1,500.00	1,473.17	1,434.04	1,434.03	6.25	0.63	17.37	2,411.74	-1,641.97	2,716.69	2,710.71	5.99	453.852		
1,600.00	1,565.21	1,526.48	1,526.47	6.96	0.66	17.86	2,411.44	-1,642.00	2,678.95	2,672.51	6.44	415.902		
1,700.00	1,656.01	1,618.89	1,618.88	7.72	0.69	18.28	2,411.15	-1,641.96	2,638.51	2,631.60	6.91	381.942		
1,800.00	1,746.60	1,716.49	1,716.48	8.50	0.72	18.59	2,410.71	-1,641.82	2,597.55	2,590.18	7.37	352.258		
1,900.00	1,837.19	1,817.85	1,817.84	9.30	0.75	18.93	2,409.88	-1,641.48	2,556.28	2,548.43	7.85	325.700		
2,000.00	1,927.79	1,906.64	1,906.62	10.12	0.78	19.22	2,408.96	-1,641.25	2,514.93	2,506.60	8.33	301.862		
2,100.00	2,018.38	1,995.61	1,995.59	10.93	0.81	19.53	2,408.08	-1,641.05	2,473.70	2,464.88	8.82	280.380		
2,200.00	2,108.97	2,083.86	2,083.84	11.76	0.83	19.84	2,407.16	-1,641.03	2,432.59	2,423.27	9.32	261.038		
2,300.00	2,199.56	2,177.56	2,177.53	12.59	0.86	20.17	2,405.98	-1,641.34	2,391.53	2,381.71	9.82	243.512		
2,400.00	2,290.15	2,267.09	2,267.04	13.43	0.89	20.50	2,404.86	-1,641.45	2,350.46	2,340.12	10.33	227.476		
2,500.00	2,380.75	2,349.88	2,349.83	14.26	0.91	20.83	2,404.01	-1,641.48	2,309.60	2,298.74	10.86	212.766		
2,600.00	2,471.34	2,432.55	2,432.50	15.11	0.93	21.16	2,403.50	-1,641.64	2,269.18	2,257.80	11.38	199.356		
2,700.00	2,561.93	2,522.20	2,522.15	15.95	0.95	21.54	2,403.27	-1,641.57	2,229.03	2,217.12	11.91	187.130		
2,800.00	2,652.52	2,618.62	2,618.56	16.80	0.99	21.97	2,402.93	-1,641.32	2,188.80	2,176.35	12.45	175.796		
2,900.00	2,743.12	2,710.00	2,709.94	17.64	1.02	22.39	2,402.49	-1,641.04	2,148.55	2,135.55	13.00	165.242		
3,000.00	2,833.71	2,796.28	2,796.22	18.49	1.04	22.81	2,402.17	-1,640.74	2,108.47	2,094.91	13.57	155.427		
3,100.00	2,924.30	2,887.58	2,887.52	19.35	1.07	23.27	2,401.95	-1,640.34	2,068.57	2,054.44	14.13	146.363		
3,200.00	3,014.89	2,979.64	2,979.58	20.20	1.10	23.76	2,401.74	-1,639.79	2,028.72	2,014.02	14.71	137.935		
3,300.00	3,105.48	3,068.81	3,068.75	21.05	1.13	24.25	2,401.58	-1,639.10	1,988.98	1,973.68	15.29	130.043		
3,400.00	3,196.08	3,157.75	3,157.68	21.91	1.15	24.76	2,401.52	-1,638.39	1,949.44	1,933.55	15.89	122.675		
3,500.00	3,286.67	3,254.08	3,254.01	22.76	1.18	25.35	2,401.55	-1,637.33	1,910.02	1,893.53	16.49	115.844		
3,600.00	3,377.26	3,342.03	3,341.95	23.62	1.20	25.93	2,401.48	-1,635.82	1,870.44	1,853.33	17.11	109.326		
3,700.00	3,467.85	3,423.81	3,423.72	24.47	1.23	26.47	2,401.74	-1,634.85	1,831.54	1,813.79	17.75	103.182		
3,800.00	3,558.45	3,520.66	3,520.56	25.33	1.25	27.13	2,401.74	-1,634.18	1,792.76	1,774.38	18.38	97.545		
3,900.00	3,649.04	3,613.91	3,613.82	26.19	1.28	27.78	2,401.44	-1,633.61	1,753.93	1,734.90	19.03	92.159		
4,000.00	3,739.63	3,703.67	3,703.57	27.05	1.31	28.43	2,401.06	-1,633.13	1,715.25	1,695.55	19.71	87.042		
4,100.00	3,830.22	3,792.18	3,792.08	27.90	1.34	29.10	2,400.71	-1,632.77	1,676.85	1,656.45	20.40	82.201		
4,200.00	3,920.81	3,881.81	3,881.71	28.76	1.36	29.80	2,400.36	-1,632.58	1,638.73	1,617.62	21.10	77.653		
4,300.00	4,011.41	3,969.32	3,969.22	29.62	1.38	30.50	2,400.00	-1,632.66	1,600.93	1,579.10	21.83	73.346		
4,400.00	4,102.00	4,055.46	4,055.36	30.48	1.39	31.22	2,399.78	-1,633.00	1,563.59	1,541.02	22.57	69.284		
4,500.00	4,192.59	4,143.28	4,143.18	31.34	1.40	31.96	2,399.58	-1,633.94	1,526.75	1,503.43	23.32	65.479		
4,600.00	4,283.18	4,234.15	4,234.03	32.20	1.40	32.74	2,399.35	-1,635.25	1,490.25	1,466.17	24.07	61.901		
4,700.00	4,373.78	4,326.35	4,326.21	33.06	1.41	33.56	2,398.93	-1,636.95	1,453.95	1,429.10	24.85	58.516		
4,800.00	4,464.37	4,417.76	4,417.61	33.92	1.42	34.41	2,398.43	-1,638.72	1,417.89	1,392.24	25.64	55.289		
4,900.00	4,554.96	4,509.06	4,508.90	34.78	1.43	35.31	2,397.93	-1,640.47	1,382.11	1,355.65	26.47	52.218		
5,000.00	4,645.55	4,602.90	4,602.71	35.64	1.44	36.27	2,397.35	-1,642.11	1,346.55	1,319.24	27.31	49.304		
5,100.00	4,736.14	4,692.58	4,692.38	36.51	1.45	37.25	2,396.76	-1,643.60	1,311.29	1,283.09	28.20	46.502		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,780.51	4,780.30	37.37	1.46	38.26	2,396.32	-1,645.07	1,276.55	1,247.43	29.12	43.836		
5,300.00	4,917.33	4,865.92	4,865.69	38.23	1.47	39.28	2,396.15	-1,646.62	1,242.52	1,212.44	30.08	41.302		
5,400.00	5,007.92	4,959.11	4,958.86	39.09	1.48	40.44	2,396.18	-1,648.66	1,209.22	1,178.17	31.05	38.947		
5,500.00	5,098.51	5,053.77	5,053.50	39.95	1.49	41.68	2,395.81	-1,650.66	1,176.00	1,143.96	32.04	36.702		
5,600.00	5,189.11	5,148.86	5,148.56	40.81	1.51	43.00	2,395.26	-1,652.63	1,143.13	1,110.05	33.07	34.563		
5,700.00	5,279.70	5,241.67	5,241.35	41.68	1.52	44.36	2,394.33	-1,654.45	1,110.41	1,076.26	34.16	32.510		
5,800.00	5,370.29	5,329.40	5,329.05	42.54	1.54	45.70	2,393.59	-1,656.45	1,078.49	1,043.19	35.30	30.555		
5,900.00	5,460.88	5,418.62	5,418.23	43.40	1.55	47.10	2,393.00	-1,659.08	1,047.45	1,010.99	36.46	28.727		
6,000.00	5,551.47	5,509.79	5,509.35	44.26	1.57	48.59	2,392.44	-1,662.30	1,017.16	979.51	37.65	27.015		
6,100.00	5,642.07	5,599.65	5,599.12	45.13	1.58	50.09	2,391.96	-1,666.23	987.70	948.82	38.88	25.406		
6,200.00	5,732.66	5,697.34	5,696.70	45.99	1.60	51.79	2,391.19	-1,670.90	958.75	918.65	40.10	23.910		
6,300.00	5,823.25	5,778.12	5,777.41	46.85	1.61	53.30	2,390.76	-1,674.30	930.84	889.38	41.46	22.454		
6,400.00	5,913.84	5,863.77	5,863.00	47.72	1.62	55.03	2,391.16	-1,677.16	904.78	861.93	42.84	21.119		
6,500.00	6,004.44	5,953.58	5,952.78	48.58	1.63	56.97	2,391.91	-1,679.49	880.14	835.88	44.26	19.887		
6,600.00	6,095.03	6,043.52	6,042.71	49.44	1.64	59.06	2,392.66	-1,680.97	856.79	811.06	45.72	18.739		
6,700.00	6,185.62	6,132.19	6,131.36	50.30	1.65	61.24	2,393.61	-1,682.14	835.03	787.80	47.22	17.682		
6,800.00	6,276.21	6,222.00	6,221.15	51.17	1.65	63.52	2,394.91	-1,683.64	815.00	766.27	48.73	16.725		
6,900.00	6,366.80	6,315.38	6,314.49	52.03	1.66	65.95	2,396.31	-1,685.63	796.45	746.23	50.22	15.859		
7,000.00	6,457.40	6,409.62	6,408.70	52.89	1.68	68.48	2,397.57	-1,688.07	779.26	727.56	51.70	15.074		
7,100.00	6,545.60	6,502.95	6,501.98	53.85	1.69	72.52	2,398.61	-1,691.03	766.18	712.83	53.35	14.360		
7,174.21	6,606.24	6,568.15	6,567.13	54.74	1.70	90.83	2,399.12	-1,693.36	762.94	708.06	54.88	13.902 CC		
7,200.00	6,626.13	6,589.63	6,588.59	55.05	1.70	93.20	2,399.24	-1,694.15	763.36	707.95	55.41	13.776 ES		
7,300.00	6,696.49	6,668.99	6,667.89	56.46	1.72	100.46	2,399.40	-1,697.34	773.68	716.06	57.62	13.428		
7,400.00	6,754.56	6,732.78	6,731.61	58.05	1.73	104.51	2,399.26	-1,700.30	799.30	739.61	59.69	13.390 SF		
7,500.00	6,798.57	6,780.04	6,778.83	59.78	1.74	105.35	2,399.18	-1,702.52	841.30	779.90	61.40	13.703		
7,600.00	6,827.18	6,814.90	6,813.64	61.58	1.75	102.88	2,399.13	-1,704.16	898.48	835.87	62.61	14.350		
7,700.00	6,839.51	6,834.93	6,833.65	63.39	1.75	96.19	2,399.03	-1,705.12	968.11	904.76	63.36	15.281		
7,800.00	6,840.00	6,841.25	6,839.96	65.19	1.76	94.17	2,398.98	-1,705.43	1,045.80	982.05	63.75	16.405		
7,900.00	6,840.00	6,847.07	6,845.77	67.04	1.76	94.70	2,398.93	-1,705.71	1,127.09	1,063.14	63.95	17.625		
8,000.00	6,840.00	6,852.96	6,851.65	68.95	1.76	95.23	2,398.88	-1,706.00	1,211.16	1,147.14	64.02	18.918		
8,100.00	6,840.00	6,858.92	6,857.61	70.91	1.76	95.77	2,398.81	-1,706.30	1,297.47	1,233.46	64.01	20.270		
8,200.00	6,840.00	6,864.96	6,863.64	72.91	1.76	96.31	2,398.74	-1,706.60	1,385.60	1,321.66	63.94	21.669		
8,300.00	6,840.00	6,871.07	6,869.74	74.96	1.76	96.86	2,398.66	-1,706.91	1,475.23	1,411.38	63.84	23.107		
8,400.00	6,840.00	6,877.25	6,875.92	77.05	1.76	97.41	2,398.58	-1,707.22	1,566.09	1,502.37	63.72	24.577		
8,500.00	6,840.00	6,883.51	6,882.17	79.18	1.77	97.97	2,398.48	-1,707.54	1,657.98	1,594.39	63.59	26.073		
8,600.00	6,840.00	6,889.86	6,888.50	81.34	1.77	98.54	2,398.38	-1,707.86	1,750.75	1,687.30	63.45	27.592		
8,700.00	6,840.00	6,896.28	6,894.92	83.54	1.77	99.11	2,398.27	-1,708.19	1,844.25	1,780.94	63.31	29.129		
8,800.00	6,840.00	6,903.03	6,901.66	85.76	1.77	99.71	2,398.14	-1,708.54	1,938.39	1,875.21	63.18	30.682		
8,900.00	6,840.00	6,910.18	6,908.79	88.02	1.77	100.34	2,397.99	-1,708.92	2,033.06	1,970.02	63.05	32.248		
9,000.00	6,840.00	6,917.38	6,915.98	90.30	1.77	100.97	2,397.83	-1,709.29	2,128.21	2,065.29	62.92	33.825		
9,100.00	6,840.00	6,924.64	6,923.23	92.60	1.78	101.61	2,397.64	-1,709.68	2,223.77	2,160.97	62.80	35.412		
9,200.00	6,840.00	6,931.97	6,930.54	94.93	1.78	102.25	2,397.43	-1,710.06	2,319.68	2,257.00	62.68	37.008		
9,300.00	6,840.00	6,939.35	6,937.92	97.28	1.78	102.90	2,397.20	-1,710.45	2,415.91	2,353.34	62.57	38.610		
9,400.00	6,840.00	6,946.80	6,945.35	99.65	1.78	103.55	2,396.96	-1,710.85	2,512.42	2,449.95	62.47	40.219		
9,500.00	6,840.00	6,954.31	6,952.84	102.03	1.78	104.20	2,396.69	-1,711.25	2,609.17	2,546.80	62.37	41.834		
9,600.00	6,840.00	6,961.88	6,960.39	104.43	1.79	104.85	2,396.40	-1,711.66	2,706.15	2,643.87	62.28	43.453		
9,700.00	6,840.00	6,969.51	6,968.01	106.85	1.79	105.50	2,396.08	-1,712.07	2,803.32	2,741.13	62.19	45.076		
9,800.00	6,840.00	6,977.21	6,975.69	109.29	1.79	106.16	2,395.75	-1,712.49	2,900.68	2,838.57	62.11	46.702		
9,900.00	6,840.00	6,984.97	6,983.43	111.73	1.79	106.82	2,395.39	-1,712.91	2,998.19	2,936.15	62.03	48.331		
10,000.00	6,840.00	6,992.80	6,991.24	114.19	1.80	107.48	2,395.01	-1,713.34	3,095.85	3,033.88	61.96	49.963		
10,100.00	6,840.00	7,000.70	6,999.11	116.66	1.80	108.15	2,394.60	-1,713.77	3,193.64	3,131.74	61.90	51.597		
10,200.00	6,840.00	7,008.66	7,007.05	119.15	1.80	108.81	2,394.16	-1,714.21	3,291.54	3,229.71	61.83	53.233		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,016.69	7,015.06	121.64	1.80	109.48	2,393.71	-1,714.65	3,389.56	3,327.79	61.77	54.871		
10,400.00	6,840.00	7,016.91	7,015.28	124.14	1.81	109.50	2,393.74	-1,714.66	3,487.70	3,425.98	61.72	56.512		
10,500.00	6,840.00	7,022.39	7,020.74	126.65	1.81	109.95	2,393.45	-1,714.96	3,585.92	3,524.26	61.67	58.152		
10,600.00	6,840.00	7,027.86	7,026.20	129.18	1.81	110.40	2,393.16	-1,715.26	3,684.23	3,622.61	61.62	59.792		
10,700.00	6,840.00	7,033.34	7,031.66	131.70	1.81	110.85	2,392.88	-1,715.57	3,782.62	3,721.05	61.57	61.433		
10,800.00	6,840.00	7,038.82	7,037.13	134.24	1.82	111.29	2,392.59	-1,715.87	3,881.09	3,819.56	61.53	63.073		
10,900.00	6,840.00	7,044.30	7,042.59	136.79	1.82	111.74	2,392.30	-1,716.17	3,979.62	3,918.13	61.50	64.714		
11,000.00	6,840.00	7,049.77	7,048.05	139.34	1.82	112.18	2,392.01	-1,716.47	4,078.22	4,016.76	61.46	66.354		
11,100.00	6,840.00	7,055.25	7,053.51	141.90	1.82	112.62	2,391.72	-1,716.77	4,176.88	4,115.45	61.43	67.993		
11,200.00	6,840.00	7,060.73	7,058.97	144.46	1.83	113.05	2,391.43	-1,717.07	4,275.59	4,214.19	61.40	69.632		
11,300.00	6,840.00	7,066.20	7,064.43	147.03	1.83	113.49	2,391.14	-1,717.37	4,374.36	4,312.98	61.38	71.270		
11,400.00	6,840.00	7,071.68	7,069.89	149.60	1.83	113.92	2,390.85	-1,717.67	4,473.17	4,411.82	61.35	72.907		
11,500.00	6,840.00	7,077.16	7,075.35	152.18	1.83	114.35	2,390.57	-1,717.98	4,572.03	4,510.70	61.33	74.543		
11,600.00	6,840.00	7,082.63	7,080.81	154.77	1.84	114.77	2,390.28	-1,718.28	4,670.93	4,609.62	61.32	76.178		
11,700.00	6,840.00	7,088.11	7,086.27	157.36	1.84	115.20	2,389.99	-1,718.58	4,769.87	4,708.57	61.30	77.812		
11,800.00	6,840.00	7,093.59	7,091.73	159.95	1.84	115.62	2,389.70	-1,718.88	4,868.85	4,807.56	61.29	79.444		
11,900.00	6,840.00	7,099.06	7,097.20	162.55	1.84	116.04	2,389.41	-1,719.18	4,967.86	4,906.59	61.27	81.075		
12,000.00	6,840.00	7,104.54	7,102.66	165.16	1.85	116.46	2,389.12	-1,719.48	5,066.91	5,005.64	61.27	82.704		
12,100.00	6,840.00	7,110.02	7,108.12	167.76	1.85	116.87	2,388.83	-1,719.78	5,165.98	5,104.72	61.26	84.332		
12,200.00	6,840.00	7,115.49	7,113.58	170.37	1.85	117.28	2,388.54	-1,720.08	5,265.09	5,203.83	61.25	85.957		
12,300.00	6,840.00	7,120.97	7,119.04	172.99	1.85	117.69	2,388.25	-1,720.39	5,364.22	5,302.97	61.25	87.581		
12,400.00	6,840.00	7,126.45	7,124.50	175.60	1.86	118.09	2,387.97	-1,720.69	5,463.38	5,402.13	61.25	89.203		
12,500.00	6,840.00	7,131.92	7,129.96	178.23	1.86	118.50	2,387.68	-1,720.99	5,562.56	5,501.32	61.25	90.823		
12,600.00	6,840.00	7,137.40	7,135.42	180.85	1.86	118.90	2,387.39	-1,721.29	5,661.77	5,600.52	61.25	92.441		
12,700.00	6,840.00	7,142.88	7,140.88	183.47	1.86	119.30	2,387.10	-1,721.59	5,761.00	5,699.75	61.25	94.057		
12,800.00	6,840.00	7,148.35	7,146.34	186.10	1.87	119.69	2,386.81	-1,721.89	5,860.25	5,798.99	61.25	95.671		
12,900.00	6,840.00	7,153.83	7,151.80	188.74	1.87	120.08	2,386.52	-1,722.19	5,959.52	5,898.26	61.26	97.283		
13,000.00	6,840.00	7,159.31	7,157.26	191.37	1.87	120.47	2,386.23	-1,722.49	6,058.81	5,997.54	61.27	98.892		
13,100.00	6,840.00	7,164.79	7,162.73	194.01	1.87	120.86	2,385.94	-1,722.80	6,158.12	6,096.84	61.28	100.499		
13,200.00	6,840.00	7,170.26	7,168.19	196.65	1.88	121.24	2,385.66	-1,723.10	6,257.44	6,196.16	61.29	102.103		
13,300.00	6,840.00	7,175.74	7,173.65	199.29	1.88	121.62	2,385.37	-1,723.40	6,356.78	6,295.49	61.30	103.706		
13,400.00	6,840.00	7,181.22	7,179.11	201.93	1.88	122.00	2,385.08	-1,723.70	6,456.14	6,394.83	61.31	105.305		
13,500.00	6,840.00	7,186.69	7,184.57	204.58	1.88	122.38	2,384.79	-1,724.00	6,555.51	6,494.19	61.32	106.902		
13,600.00	6,840.00	7,192.17	7,190.03	207.22	1.89	122.75	2,384.50	-1,724.30	6,654.90	6,593.56	61.34	108.497		
13,700.00	6,840.00	7,197.65	7,195.49	209.87	1.89	123.12	2,384.21	-1,724.60	6,754.30	6,692.94	61.35	110.089		
13,800.00	6,840.00	7,203.12	7,200.95	212.52	1.89	123.49	2,383.92	-1,724.90	6,853.71	6,792.34	61.37	111.678		
13,900.00	6,840.00	7,208.60	7,206.41	215.18	1.89	123.86	2,383.63	-1,725.21	6,953.14	6,891.75	61.39	113.264		
14,000.00	6,840.00	7,214.08	7,211.87	217.83	1.90	124.22	2,383.34	-1,725.51	7,052.57	6,991.17	61.41	114.848		
14,100.00	6,840.00	7,219.55	7,217.33	220.49	1.90	124.58	2,383.06	-1,725.81	7,152.02	7,090.59	61.43	116.429		
14,200.00	6,840.00	7,225.03	7,222.80	223.15	1.90	124.93	2,382.77	-1,726.11	7,251.48	7,190.03	61.45	118.007		
14,300.00	6,840.00	7,230.51	7,228.26	225.81	1.90	125.29	2,382.48	-1,726.41	7,350.95	7,289.48	61.47	119.582		
14,400.00	6,840.00	7,235.98	7,233.72	228.47	1.91	125.64	2,382.19	-1,726.71	7,450.43	7,388.94	61.50	121.155		
14,500.00	6,840.00	7,241.46	7,239.18	231.13	1.91	125.99	2,381.90	-1,727.01	7,549.92	7,488.40	61.52	122.724		
14,600.00	6,840.00	7,246.94	7,244.64	233.79	1.91	126.33	2,381.61	-1,727.31	7,649.42	7,587.88	61.54	124.291		
14,700.00	6,840.00	7,252.41	7,250.10	236.46	1.92	126.68	2,381.32	-1,727.62	7,748.93	7,687.36	61.57	125.854		
14,800.00	6,840.00	7,257.89	7,255.56	239.12	1.92	127.02	2,381.03	-1,727.92	7,848.45	7,786.85	61.60	127.414		
14,900.00	6,840.00	7,263.37	7,261.02	241.79	1.92	127.35	2,380.75	-1,728.22	7,947.98	7,886.35	61.63	128.972		
15,000.00	6,840.00	7,268.85	7,266.48	244.46	1.92	127.69	2,380.46	-1,728.52	8,047.51	7,985.86	61.65	130.526		
15,100.00	6,840.00	7,274.32	7,271.94	247.13	1.93	128.02	2,380.17	-1,728.82	8,147.05	8,085.37	61.68	132.077		
15,200.00	6,840.00	7,279.80	7,277.40	249.80	1.93	128.35	2,379.88	-1,729.12	8,246.60	8,184.89	61.71	133.625		
15,300.00	6,840.00	7,285.28	7,282.87	252.47	1.93	128.68	2,379.59	-1,729.42	8,346.16	8,284.41	61.75	135.170		
15,400.00	6,840.00	7,290.75	7,288.33	255.15	1.93	129.00	2,379.30	-1,729.72	8,445.72	8,383.94	61.78	136.711		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,267.00	7,264.64	257.82	1.92	127.58	2,380.55	-1,728.42	8,545.34	8,483.58	61.76	138.361	
15,600.00	6,840.00	7,267.00	7,264.64	260.50	1.92	127.58	2,380.55	-1,728.42	8,644.94	8,583.15	61.79	139.919	
15,700.00	6,840.00	7,267.00	7,264.64	263.17	1.92	127.58	2,380.55	-1,728.42	8,744.54	8,682.73	61.81	141.474	
15,800.00	6,840.00	7,267.00	7,264.64	265.85	1.92	127.58	2,380.55	-1,728.42	8,844.16	8,782.32	61.84	143.026	
15,900.00	6,840.00	7,267.00	7,264.64	268.53	1.92	127.58	2,380.55	-1,728.42	8,943.78	8,881.92	61.86	144.575	
16,000.00	6,840.00	7,267.00	7,264.64	271.20	1.92	127.58	2,380.55	-1,728.42	9,043.41	8,981.52	61.89	146.122	
16,100.00	6,840.00	7,267.00	7,264.64	273.88	1.92	127.58	2,380.55	-1,728.42	9,143.05	9,081.13	61.92	147.666	
16,200.00	6,840.00	7,267.00	7,264.64	276.56	1.92	127.58	2,380.55	-1,728.42	9,242.70	9,180.75	61.95	149.207	
16,300.00	6,840.00	7,267.00	7,264.64	279.25	1.92	127.58	2,380.55	-1,728.42	9,342.35	9,280.38	61.97	150.744	
16,400.00	6,840.00	7,267.00	7,264.64	281.93	1.92	127.58	2,380.55	-1,728.42	9,442.01	9,380.01	62.00	152.279	
16,500.00	6,840.00	7,267.00	7,264.64	284.61	1.92	127.58	2,380.55	-1,728.42	9,541.68	9,479.65	62.03	153.811	
16,600.00	6,840.00	7,267.00	7,264.64	287.29	1.92	127.58	2,380.55	-1,728.42	9,641.36	9,579.29	62.07	155.340	
16,700.00	6,840.00	7,267.00	7,264.64	289.98	1.92	127.58	2,380.55	-1,728.42	9,741.04	9,678.94	62.10	156.866	
16,800.00	6,840.00	7,267.00	7,264.64	292.66	1.92	127.58	2,380.55	-1,728.42	9,840.73	9,778.60	62.13	158.389	
16,900.00	6,840.00	7,267.00	7,264.64	295.35	1.92	127.58	2,380.55	-1,728.42	9,940.42	9,878.26	62.16	159.909	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.00	67.39	0.00	67.39					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	67.39	0.00	67.39	67.12	0.27	250.664	CC, ES	
200.00	200.00	198.12	198.10	0.49	0.49	-0.85	68.73	-1.01	68.76	67.78	0.98	69.851		
300.00	300.00	296.01	295.86	0.85	0.85	-3.19	72.73	-4.05	72.96	71.26	1.70	42.857		
400.00	400.00	393.45	392.94	1.21	1.21	-6.52	79.36	-9.07	80.19	77.77	2.42	33.115		
500.00	499.98	490.41	489.21	1.57	1.59	39.56	88.56	-16.05	89.30	86.17	3.13	28.498		
600.00	599.84	587.04	584.70	1.93	2.00	37.35	100.31	-24.95	98.91	95.07	3.84	25.735		
700.00	699.45	683.33	679.31	2.29	2.43	35.86	114.56	-35.75	108.89	104.33	4.56	23.874		
800.00	798.70	779.29	772.94	2.67	2.89	34.94	131.27	-48.42	119.14	113.86	5.29	22.526		
900.00	897.47	874.90	865.49	3.07	3.39	34.44	150.40	-62.93	129.63	123.60	6.03	21.487		
1,000.00	995.62	970.19	956.87	3.50	3.92	34.27	171.91	-79.22	140.31	133.52	6.79	20.662		
1,100.00	1,093.06	1,065.14	1,046.98	3.97	4.50	34.36	195.73	-97.28	151.18	143.59	7.58	19.938		
1,200.00	1,189.64	1,159.75	1,135.75	4.47	5.12	34.66	221.83	-117.07	162.21	153.81	8.40	19.300		
1,300.00	1,285.27	1,254.04	1,223.08	5.01	5.78	35.12	250.14	-138.53	173.42	164.16	9.27	18.712		
1,400.00	1,379.82	1,348.01	1,308.91	5.61	6.49	35.70	280.62	-161.63	184.81	174.63	10.18	18.154		
1,500.00	1,473.17	1,441.65	1,393.14	6.25	7.25	36.39	313.21	-186.34	196.37	185.22	11.15	17.612		
1,600.00	1,565.21	1,534.98	1,475.72	6.96	8.05	37.16	347.86	-212.60	208.11	195.93	12.19	17.079		
1,700.00	1,656.01	1,631.75	1,560.11	7.72	8.93	38.11	385.60	-241.21	219.85	206.49	13.36	16.455		
1,800.00	1,746.60	1,730.99	1,646.53	8.50	9.86	39.09	424.49	-270.69	231.50	216.87	14.63	15.821		
1,900.00	1,837.19	1,830.23	1,732.95	9.30	10.79	39.98	463.37	-300.16	243.22	227.28	15.94	15.260		
2,000.00	1,927.79	1,929.48	1,819.37	10.12	11.72	40.79	502.26	-329.64	254.99	237.72	17.27	14.762		
2,100.00	2,018.38	2,028.72	1,905.79	10.93	12.66	41.53	541.14	-359.11	266.81	248.18	18.63	14.319		
2,200.00	2,108.97	2,127.96	1,992.21	11.76	13.61	42.21	580.02	-388.59	278.66	258.65	20.01	13.925		
2,300.00	2,199.56	2,227.21	2,078.63	12.59	14.56	42.83	618.91	-418.06	290.56	269.15	21.41	13.571		
2,400.00	2,290.15	2,326.45	2,165.05	13.43	15.51	43.40	657.79	-447.54	302.48	279.66	22.82	13.254		
2,500.00	2,380.75	2,425.69	2,251.47	14.26	16.46	43.93	696.68	-477.01	314.43	290.18	24.25	12.968		
2,600.00	2,471.34	2,524.94	2,337.89	15.11	17.42	44.42	735.56	-506.49	326.40	300.72	25.68	12.708		
2,700.00	2,561.93	2,624.18	2,424.31	15.95	18.37	44.87	774.44	-535.96	338.40	311.27	27.13	12.473		
2,800.00	2,652.52	2,723.42	2,510.73	16.80	19.33	45.30	813.33	-565.44	350.41	321.83	28.59	12.258		
2,900.00	2,743.12	2,822.67	2,597.15	17.64	20.29	45.69	852.21	-594.91	362.45	332.40	30.05	12.062		
3,000.00	2,833.71	2,921.91	2,683.57	18.49	21.25	46.06	891.10	-624.39	374.50	342.98	31.52	11.881		
3,100.00	2,924.30	3,021.15	2,769.99	19.35	22.21	46.41	929.98	-653.86	386.56	353.56	33.00	11.715		
3,200.00	3,014.89	3,120.40	2,856.41	20.20	23.18	46.73	968.86	-683.34	398.64	364.16	34.48	11.562		
3,300.00	3,105.48	3,219.64	2,942.83	21.05	24.14	47.04	1,007.75	-712.81	410.72	374.76	35.97	11.420		
3,400.00	3,196.08	3,318.88	3,029.25	21.91	25.10	47.33	1,046.63	-742.29	422.82	385.37	37.46	11.288		
3,500.00	3,286.67	3,418.13	3,115.67	22.76	26.06	47.60	1,085.52	-771.76	434.93	395.98	38.95	11.166		
3,600.00	3,377.26	3,517.37	3,202.09	23.62	27.03	47.86	1,124.40	-801.24	447.05	406.60	40.45	11.052		
3,700.00	3,467.85	3,616.61	3,288.51	24.47	27.99	48.11	1,163.28	-830.71	459.18	417.23	41.95	10.945		
3,800.00	3,558.45	3,715.86	3,374.93	25.33	28.96	48.34	1,202.17	-860.19	471.32	427.86	43.46	10.845		
3,900.00	3,649.04	3,815.10	3,461.35	26.19	29.92	48.56	1,241.05	-889.66	483.46	438.49	44.97	10.751		
4,000.00	3,739.63	3,914.34	3,547.78	27.05	30.89	48.77	1,279.94	-919.14	495.61	449.13	46.48	10.663		
4,100.00	3,830.22	4,013.59	3,634.20	27.90	31.85	48.97	1,318.82	-948.61	507.76	459.77	47.99	10.580		
4,200.00	3,920.81	4,112.83	3,720.62	28.76	32.82	49.16	1,357.70	-978.09	519.92	470.42	49.51	10.502		
4,300.00	4,011.41	4,212.07	3,807.04	29.62	33.79	49.34	1,396.59	-1,007.56	532.09	481.07	51.02	10.428		
4,400.00	4,102.00	4,311.32	3,893.46	30.48	34.75	49.51	1,435.47	-1,037.04	544.26	491.72	52.54	10.358		
4,500.00	4,192.59	4,410.56	3,979.88	31.34	35.72	49.68	1,474.36	-1,066.51	556.44	502.37	54.06	10.292		
4,600.00	4,283.18	4,509.80	4,066.30	32.20	36.69	49.84	1,513.24	-1,095.99	568.62	513.03	55.59	10.229		
4,700.00	4,373.78	4,609.05	4,152.72	33.06	37.65	49.99	1,552.12	-1,125.46	580.80	523.69	57.11	10.170		
4,800.00	4,464.37	4,708.29	4,239.14	33.92	38.62	50.14	1,591.01	-1,154.94	592.99	534.36	58.64	10.113		
4,900.00	4,554.96	4,807.53	4,325.56	34.78	39.59	50.28	1,629.89	-1,184.41	605.19	545.02	60.16	10.059		
5,000.00	4,645.55	4,906.78	4,411.98	35.64	40.56	50.41	1,668.78	-1,213.89	617.38	555.69	61.69	10.008		
5,100.00	4,736.14	5,006.02	4,498.40	36.51	41.52	50.54	1,707.66	-1,243.36	629.58	566.36	63.22	9.959		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	5,105.26	4,584.82	37.37	42.49	50.67	1,746.54	-1,272.84	641.78	577.03	64.75	9.912		
5,300.00	4,917.33	5,204.51	4,671.24	38.23	43.46	50.79	1,785.43	-1,302.31	653.99	587.71	66.28	9.867		
5,400.00	5,007.92	5,303.75	4,757.66	39.09	44.43	50.90	1,824.31	-1,331.79	666.20	598.38	67.81	9.824		
5,500.00	5,098.51	5,402.99	4,844.08	39.95	45.39	51.01	1,863.20	-1,361.26	678.41	609.06	69.35	9.783		
5,600.00	5,189.11	5,502.24	4,930.50	40.81	46.36	51.12	1,902.08	-1,390.74	690.62	619.74	70.88	9.744		
5,700.00	5,279.70	5,601.48	5,016.92	41.68	47.33	51.22	1,940.96	-1,420.21	702.83	630.42	72.41	9.706		
5,800.00	5,370.29	5,700.72	5,103.34	42.54	48.30	51.32	1,979.85	-1,449.69	715.05	641.10	73.95	9.670		
5,900.00	5,460.88	5,799.97	5,189.76	43.40	49.27	51.42	2,018.73	-1,479.16	727.27	651.79	75.48	9.635		
6,000.00	5,551.47	5,900.79	5,276.18	44.26	50.25	51.51	2,057.62	-1,508.64	739.49	662.46	77.03	9.600		
6,100.00	5,642.07	6,001.55	5,362.60	45.13	51.23	51.60	2,096.50	-1,538.11	751.71	673.13	78.58	9.566		
6,200.00	5,732.66	6,102.30	5,449.02	45.99	52.22	51.69	2,135.38	-1,567.59	763.94	683.81	80.13	9.534		
6,300.00	5,823.25	6,196.94	5,535.44	46.85	53.14	51.78	2,174.27	-1,597.07	776.17	694.53	81.63	9.508		
6,400.00	5,913.84	6,296.18	5,621.87	47.72	54.11	51.86	2,213.15	-1,626.54	788.39	705.22	83.17	9.479		
6,500.00	6,004.44	6,404.57	5,708.29	48.58	55.17	51.94	2,252.04	-1,656.02	800.62	715.84	84.78	9.444		
6,600.00	6,095.03	6,494.67	5,794.71	49.44	56.05	52.02	2,290.92	-1,685.49	812.86	726.60	86.25	9.424		
6,700.00	6,185.62	6,606.09	5,881.13	50.30	57.13	52.09	2,329.80	-1,714.97	825.09	737.20	87.88	9.389		
6,800.00	6,276.21	6,706.84	5,967.55	51.17	58.12	52.16	2,368.69	-1,744.44	837.32	747.89	89.43	9.362		
6,900.00	6,366.80	6,807.60	6,053.97	52.03	59.10	52.23	2,407.57	-1,773.92	849.56	758.57	90.99	9.337		
7,000.00	6,457.40	6,891.64	6,140.39	52.89	59.92	52.30	2,446.46	-1,803.39	861.79	769.38	92.41	9.325		
7,100.00	6,545.60	6,990.39	6,226.38	53.85	60.89	61.72	2,485.15	-1,832.72	874.68	780.25	94.42	9.263		
7,200.00	6,626.13	7,086.13	6,309.74	55.05	61.82	68.57	2,522.66	-1,861.15	889.41	791.82	97.58	9.114		
7,300.00	6,696.49	7,175.93	6,387.94	56.46	62.70	73.27	2,557.84	-1,887.82	906.88	805.11	101.77	8.911		
7,400.00	6,754.56	7,257.07	6,458.60	58.05	63.49	76.51	2,589.63	-1,911.92	928.52	821.80	106.72	8.700		
7,500.00	6,798.57	7,395.21	6,574.63	59.78	64.99	80.90	2,641.89	-1,964.88	954.01	841.37	112.64	8.469		
7,600.00	6,827.18	7,600.00	6,709.69	61.58	67.82	85.47	2,702.98	-2,085.44	977.07	859.83	117.25	8.334		
7,700.00	6,839.51	7,700.00	6,829.27	63.39	69.46	89.58	2,757.72	-2,349.79	990.18	878.28	111.90	8.849		
7,800.00	6,840.00	8,074.51	6,840.00	65.19	75.27	90.00	2,763.32	-2,537.34	990.90	874.91	115.99	8.543		
7,900.00	6,840.00	8,174.51	6,840.00	67.04	76.85	90.00	2,763.74	-2,637.34	990.88	870.70	120.18	8.245		
8,000.00	6,840.00	8,274.51	6,840.00	68.95	78.48	90.00	2,764.16	-2,737.33	990.86	866.40	124.46	7.961		
8,100.00	6,840.00	8,374.51	6,840.00	70.91	80.16	90.00	2,764.58	-2,837.33	990.85	862.02	128.83	7.691		
8,200.00	6,840.00	8,474.51	6,840.00	72.91	81.90	90.00	2,765.00	-2,937.33	990.83	857.55	133.28	7.434		
8,300.00	6,840.00	8,574.51	6,840.00	74.96	83.69	90.00	2,765.42	-3,037.33	990.81	853.01	137.80	7.190		
8,400.00	6,840.00	8,674.51	6,840.00	77.05	85.52	90.00	2,765.84	-3,137.33	990.79	848.41	142.38	6.959		
8,500.00	6,840.00	8,774.51	6,840.00	79.18	87.40	90.00	2,766.27	-3,237.33	990.78	843.75	147.02	6.739		
8,600.00	6,840.00	8,874.51	6,840.00	81.34	89.32	90.00	2,766.69	-3,337.33	990.76	839.04	151.72	6.530		
8,700.00	6,840.00	8,974.51	6,840.00	83.54	91.28	90.00	2,767.11	-3,437.33	990.74	834.28	156.46	6.332		
8,800.00	6,840.00	9,074.51	6,840.00	85.76	93.28	90.00	2,767.53	-3,537.33	990.73	829.48	161.25	6.144		
8,900.00	6,840.00	9,174.51	6,840.00	88.02	95.31	90.00	2,767.95	-3,637.33	990.71	824.63	166.08	5.965		
9,000.00	6,840.00	9,274.51	6,840.00	90.30	97.38	90.00	2,768.37	-3,737.33	990.69	819.75	170.94	5.795		
9,100.00	6,840.00	9,374.51	6,840.00	92.60	99.48	90.00	2,768.79	-3,837.32	990.68	814.83	175.84	5.634		
9,200.00	6,840.00	9,474.51	6,840.00	94.93	101.61	90.00	2,769.21	-3,937.32	990.66	809.89	180.77	5.480		
9,300.00	6,840.00	9,574.51	6,840.00	97.28	103.77	90.00	2,769.63	-4,037.32	990.64	804.91	185.73	5.334		
9,400.00	6,840.00	9,674.51	6,840.00	99.65	105.96	90.00	2,770.05	-4,137.32	990.62	799.91	190.71	5.194		
9,500.00	6,840.00	9,774.51	6,840.00	102.03	108.17	90.00	2,770.47	-4,237.32	990.61	794.89	195.72	5.061		
9,600.00	6,840.00	9,874.51	6,840.00	104.43	110.40	90.00	2,770.89	-4,337.32	990.59	789.84	200.75	4.934		
9,700.00	6,840.00	9,974.51	6,840.00	106.85	112.66	90.00	2,771.31	-4,437.32	990.57	784.77	205.80	4.813		
9,800.00	6,840.00	10,074.51	6,840.00	109.29	114.94	90.00	2,771.73	-4,537.32	990.56	779.68	210.87	4.697		
9,900.00	6,840.00	10,174.51	6,840.00	111.73	117.24	90.00	2,772.15	-4,637.32	990.54	774.58	215.96	4.587		
10,000.00	6,840.00	10,274.51	6,840.00	114.19	119.56	90.00	2,772.57	-4,737.32	990.52	769.46	221.07	4.481		
10,100.00	6,840.00	10,374.51	6,840.00	116.66	121.89	90.00	2,772.99	-4,837.32	990.50	764.32	226.19	4.379		
10,200.00	6,840.00	10,474.51	6,840.00	119.15	124.24	90.00	2,773.41	-4,937.31	990.49	759.17	231.32	4.282		
10,300.00	6,840.00	10,574.51	6,840.00	121.64	126.61	90.00	2,773.83	-5,037.31	990.47	754.00	236.47	4.189		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,674.51	6,840.00	124.14	128.99	90.00	2,774.25	-5,137.31	990.45	748.82	241.63	4.099		
10,500.00	6,840.00	10,774.51	6,840.00	126.65	131.39	90.00	2,774.67	-5,237.31	990.44	743.63	246.81	4.013		
10,600.00	6,840.00	10,874.51	6,840.00	129.18	133.80	90.00	2,775.09	-5,337.31	990.42	738.43	251.99	3.930		
10,700.00	6,840.00	10,974.51	6,840.00	131.70	136.22	90.00	2,775.51	-5,437.31	990.40	733.22	257.19	3.851		
10,800.00	6,840.00	11,074.51	6,840.00	134.24	138.65	90.00	2,775.93	-5,537.31	990.39	727.99	262.39	3.774		
10,900.00	6,840.00	11,174.51	6,840.00	136.79	141.10	90.00	2,776.36	-5,637.31	990.37	722.76	267.61	3.701		
11,000.00	6,840.00	11,274.51	6,840.00	139.34	143.55	90.00	2,776.78	-5,737.31	990.35	717.52	272.83	3.630		
11,100.00	6,840.00	11,374.51	6,840.00	141.90	146.02	90.00	2,777.20	-5,837.31	990.33	712.27	278.06	3.562		
11,200.00	6,840.00	11,474.51	6,840.00	144.46	148.49	90.00	2,777.62	-5,937.31	990.32	707.02	283.30	3.496		
11,300.00	6,840.00	11,574.51	6,840.00	147.03	150.98	90.00	2,778.04	-6,037.31	990.30	701.75	288.55	3.432		
11,400.00	6,840.00	11,674.51	6,840.00	149.60	153.47	90.00	2,778.46	-6,137.30	990.28	696.48	293.80	3.371		
11,500.00	6,840.00	11,774.51	6,840.00	152.18	155.97	90.00	2,778.88	-6,237.30	990.27	691.20	299.06	3.311		
11,600.00	6,840.00	11,874.51	6,840.00	154.77	158.48	90.00	2,779.30	-6,337.30	990.25	685.92	304.33	3.254		
11,700.00	6,840.00	11,974.51	6,840.00	157.36	160.99	90.00	2,779.72	-6,437.30	990.23	680.63	309.60	3.198		
11,800.00	6,840.00	12,074.51	6,840.00	159.95	163.52	90.00	2,780.14	-6,537.30	990.21	675.33	314.88	3.145		
11,900.00	6,840.00	12,174.51	6,840.00	162.55	166.04	90.00	2,780.56	-6,637.30	990.20	670.03	320.17	3.093		
12,000.00	6,840.00	12,274.51	6,840.00	165.16	168.58	90.00	2,780.98	-6,737.30	990.18	664.73	325.45	3.042		
12,100.00	6,840.00	12,374.51	6,840.00	167.76	171.12	90.00	2,781.40	-6,837.30	990.16	659.42	330.75	2.994		
12,200.00	6,840.00	12,474.51	6,840.00	170.37	173.67	90.00	2,781.82	-6,937.30	990.15	654.10	336.05	2.946		
12,300.00	6,840.00	12,574.51	6,840.00	172.99	176.22	90.00	2,782.24	-7,037.30	990.13	648.78	341.35	2.901		
12,400.00	6,840.00	12,674.51	6,840.00	175.60	178.78	90.00	2,782.66	-7,137.30	990.11	643.46	346.66	2.856		
12,500.00	6,840.00	12,774.51	6,840.00	178.23	181.34	90.00	2,783.08	-7,237.29	990.10	638.13	351.97	2.813		
12,600.00	6,840.00	12,874.51	6,840.00	180.85	183.91	90.00	2,783.50	-7,337.29	990.08	632.80	357.28	2.771		
12,700.00	6,840.00	12,974.51	6,840.00	183.47	186.48	90.00	2,783.92	-7,437.29	990.06	627.46	362.60	2.730		
12,800.00	6,840.00	13,074.51	6,840.00	186.10	189.06	90.00	2,784.34	-7,537.29	990.04	622.12	367.92	2.691		
12,900.00	6,840.00	13,174.51	6,840.00	188.74	191.64	90.00	2,784.76	-7,637.29	990.03	616.78	373.25	2.652		
13,000.00	6,840.00	13,274.51	6,840.00	191.37	194.22	90.00	2,785.18	-7,737.29	990.01	611.43	378.58	2.615		
13,100.00	6,840.00	13,374.51	6,840.00	194.01	196.81	90.00	2,785.60	-7,837.29	989.99	606.08	383.91	2.579		
13,200.00	6,840.00	13,474.51	6,840.00	196.65	199.41	90.00	2,786.03	-7,937.29	989.98	600.73	389.25	2.543		
13,300.00	6,840.00	13,574.51	6,840.00	199.29	202.00	90.00	2,786.45	-8,037.29	989.96	595.37	394.58	2.509		
13,400.00	6,840.00	13,674.51	6,840.00	201.93	204.60	90.00	2,786.87	-8,137.29	989.94	590.02	399.92	2.475		
13,500.00	6,840.00	13,774.51	6,840.00	204.58	207.20	90.00	2,787.29	-8,237.29	989.93	584.66	405.27	2.443		
13,600.00	6,840.00	13,874.51	6,840.00	207.22	209.81	90.00	2,787.71	-8,337.28	989.91	579.29	410.61	2.411		
13,700.00	6,840.00	13,974.51	6,840.00	209.87	212.42	90.00	2,788.13	-8,437.28	989.89	573.93	415.96	2.380		
13,800.00	6,840.00	14,074.51	6,840.00	212.52	215.03	90.00	2,788.55	-8,537.28	989.87	568.56	421.31	2.349		
13,900.00	6,840.00	14,174.51	6,840.00	215.18	217.64	90.00	2,788.97	-8,637.28	989.86	563.19	426.67	2.320		
14,000.00	6,840.00	14,274.51	6,840.00	217.83	220.26	90.00	2,789.39	-8,737.28	989.84	557.82	432.02	2.291		
14,100.00	6,840.00	14,374.51	6,840.00	220.49	222.88	90.00	2,789.81	-8,837.28	989.82	552.45	437.38	2.263		
14,200.00	6,840.00	14,474.51	6,840.00	223.15	225.50	90.00	2,790.23	-8,937.28	989.81	547.07	442.74	2.236		
14,300.00	6,840.00	14,574.51	6,840.00	225.81	228.13	90.00	2,790.65	-9,037.28	989.79	541.69	448.10	2.209		
14,400.00	6,840.00	14,674.51	6,840.00	228.47	230.76	90.00	2,791.07	-9,137.28	989.77	536.31	453.46	2.183		
14,500.00	6,840.00	14,774.51	6,840.00	231.13	233.39	90.00	2,791.49	-9,237.28	989.75	530.93	458.83	2.157		
14,600.00	6,840.00	14,874.51	6,840.00	233.79	236.02	90.00	2,791.91	-9,337.28	989.74	525.55	464.19	2.132		
14,700.00	6,840.00	14,974.51	6,840.00	236.46	238.65	90.00	2,792.33	-9,437.28	989.72	520.16	469.56	2.108		
14,800.00	6,840.00	15,074.51	6,840.00	239.12	241.29	90.00	2,792.75	-9,537.27	989.70	514.77	474.93	2.084		
14,900.00	6,840.00	15,174.51	6,840.00	241.79	243.92	90.00	2,793.17	-9,637.27	989.69	509.39	480.30	2.061		
15,000.00	6,840.00	15,274.51	6,840.00	244.46	246.56	90.00	2,793.59	-9,737.27	989.67	504.00	485.67	2.038		
15,100.00	6,840.00	15,374.51	6,840.00	247.13	249.20	90.00	2,794.01	-9,837.27	989.65	498.60	491.05	2.015		
15,200.00	6,840.00	15,474.51	6,840.00	249.80	251.85	90.00	2,794.43	-9,937.27	989.64	493.21	496.42	1.994		
15,300.00	6,840.00	15,574.51	6,840.00	252.47	254.49	90.00	2,794.85	-10,037.27	989.62	487.82	501.80	1.972		
15,400.00	6,840.00	15,674.51	6,840.00	255.15	257.14	90.00	2,795.27	-10,137.27	989.60	482.42	507.18	1.951		
15,500.00	6,840.00	15,774.51	6,840.00	257.82	259.79	90.00	2,795.69	-10,237.27	989.58	477.02	512.56	1.931		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,874.51	6,840.00	260.50	262.44	90.00	2,796.12	-10,337.27	989.57	471.63	517.94	1.911		
15,700.00	6,840.00	15,974.51	6,840.00	263.17	265.09	90.00	2,796.54	-10,437.27	989.55	466.23	523.32	1.891		
15,800.00	6,840.00	16,074.51	6,840.00	265.85	267.74	90.00	2,796.96	-10,537.27	989.53	460.83	528.71	1.872		
15,900.00	6,840.00	16,174.51	6,840.00	268.53	270.39	90.00	2,797.38	-10,637.26	989.52	455.43	534.09	1.853		
16,000.00	6,840.00	16,274.51	6,840.00	271.20	273.05	90.00	2,797.80	-10,737.26	989.50	450.02	539.48	1.834		
16,100.00	6,840.00	16,374.51	6,840.00	273.88	275.70	90.00	2,798.22	-10,837.26	989.48	444.62	544.86	1.816		
16,200.00	6,840.00	16,474.51	6,840.00	276.56	278.36	90.00	2,798.64	-10,937.26	989.46	439.21	550.25	1.798		
16,300.00	6,840.00	16,574.51	6,840.00	279.25	281.02	90.00	2,799.06	-11,037.26	989.45	433.81	555.64	1.781		
16,400.00	6,840.00	16,674.51	6,840.00	281.93	283.68	90.00	2,799.48	-11,137.26	989.43	428.40	561.03	1.764		
16,500.00	6,840.00	16,774.51	6,840.00	284.61	286.34	90.00	2,799.90	-11,237.26	989.41	422.99	566.42	1.747		
16,600.00	6,840.00	16,874.51	6,840.00	287.29	289.00	90.00	2,800.32	-11,337.26	989.40	417.59	571.81	1.730		
16,700.00	6,840.00	16,974.51	6,840.00	289.98	291.67	90.00	2,800.74	-11,437.26	989.38	412.18	577.20	1.714		
16,800.00	6,840.00	17,074.51	6,840.00	292.66	294.33	90.00	2,801.16	-11,537.26	989.36	406.77	582.60	1.698		
16,900.00	6,840.00	17,174.51	6,840.00	295.35	297.00	90.00	2,801.58	-11,637.26	989.35	401.35	587.99	1.683		
17,000.00	6,840.00	17,274.51	6,840.00	298.03	299.67	90.00	2,802.00	-11,737.25	989.33	395.94	593.39	1.667		
17,100.00	6,840.00	17,374.51	6,840.00	300.72	302.33	90.00	2,802.42	-11,837.25	989.31	390.53	598.78	1.652		
17,200.00	6,840.00	17,474.51	6,840.00	303.41	305.00	90.00	2,802.84	-11,937.25	989.29	385.12	604.18	1.637		
17,300.00	6,840.00	17,574.51	6,840.00	306.09	307.67	90.00	2,803.26	-12,037.25	989.28	379.70	609.58	1.623		
17,400.00	6,840.00	17,674.51	6,840.00	308.78	310.34	90.00	2,803.68	-12,137.25	989.26	374.29	614.97	1.609		
17,500.00	6,840.00	17,774.51	6,840.00	311.47	313.01	90.00	2,804.10	-12,237.25	989.24	368.87	620.37	1.595		
17,600.00	6,840.00	17,874.51	6,840.00	314.16	315.69	90.00	2,804.52	-12,337.25	989.23	363.45	625.77	1.581		
17,700.00	6,840.00	17,974.51	6,840.00	316.85	318.36	90.00	2,804.94	-12,437.25	989.21	358.04	631.17	1.567		
17,800.00	6,840.00	18,074.51	6,840.00	319.54	321.03	90.00	2,805.36	-12,537.25	989.19	352.62	636.57	1.554		
17,900.00	6,840.00	18,174.51	6,840.00	322.23	323.71	90.00	2,805.78	-12,637.25	989.17	347.20	641.98	1.541		
18,000.00	6,840.00	18,274.51	6,840.00	324.92	326.38	90.00	2,806.21	-12,737.25	989.16	341.78	647.38	1.528		
18,100.00	6,840.00	18,374.51	6,840.00	327.62	329.06	90.00	2,806.63	-12,837.25	989.14	336.36	652.78	1.515		
18,200.00	6,840.00	18,474.51	6,840.00	330.31	331.74	90.00	2,807.05	-12,937.24	989.12	330.94	658.18	1.503		
18,300.00	6,840.00	18,574.51	6,840.00	333.00	334.41	90.00	2,807.47	-13,037.24	989.11	325.52	663.59	1.491 Level 3		
18,400.00	6,840.00	18,674.51	6,840.00	335.70	337.09	90.00	2,807.89	-13,137.24	989.09	320.10	668.99	1.478 Level 3		
18,500.00	6,840.00	18,774.51	6,840.00	338.39	339.77	90.00	2,808.31	-13,237.24	989.07	314.68	674.40	1.467 Level 3		
18,600.00	6,840.00	18,874.51	6,840.00	341.08	342.45	90.00	2,808.73	-13,337.24	989.06	309.25	679.80	1.455 Level 3		
18,700.00	6,840.00	18,974.51	6,840.00	343.78	345.13	90.00	2,809.15	-13,437.24	989.04	303.83	685.21	1.443 Level 3		
18,800.00	6,840.00	19,074.51	6,840.00	346.47	347.81	90.00	2,809.57	-13,537.24	989.02	298.41	690.62	1.432 Level 3		
18,900.00	6,840.00	19,174.51	6,840.00	349.17	350.49	90.00	2,809.99	-13,637.24	989.00	292.98	696.02	1.421 Level 3		
19,000.00	6,840.00	19,274.51	6,840.00	351.86	353.18	90.00	2,810.41	-13,737.24	988.99	287.56	701.43	1.410 Level 3		
19,100.00	6,840.00	19,374.51	6,840.00	354.56	355.86	90.00	2,810.83	-13,837.24	988.97	282.13	706.84	1.399 Level 3		
19,200.00	6,840.00	19,474.51	6,840.00	357.26	358.54	90.00	2,811.25	-13,937.24	988.95	276.71	712.25	1.388 Level 3		
19,300.00	6,840.00	19,574.51	6,840.00	359.95	361.23	90.00	2,811.67	-14,037.23	988.94	271.28	717.66	1.378 Level 3		
19,400.00	6,840.00	19,674.51	6,840.00	362.65	363.91	90.00	2,812.09	-14,137.23	988.92	265.85	723.07	1.368 Level 3		
19,500.00	6,840.00	19,774.51	6,840.00	365.35	366.60	90.00	2,812.51	-14,237.23	988.90	260.42	728.48	1.357 Level 3		
19,600.00	6,840.00	19,874.51	6,840.00	368.05	369.28	90.00	2,812.93	-14,337.23	988.88	255.00	733.89	1.347 Level 3		
19,700.00	6,840.00	19,974.51	6,840.00	370.74	371.97	90.00	2,813.35	-14,437.23	988.87	249.57	739.30	1.338 Level 3		
19,800.00	6,840.00	20,074.51	6,840.00	373.44	374.65	90.00	2,813.77	-14,537.23	988.85	244.14	744.71	1.328 Level 3		
19,900.00	6,840.00	20,174.51	6,840.00	376.14	377.34	90.00	2,814.19	-14,637.23	988.83	238.71	750.12	1.318 Level 3		
20,000.00	6,840.00	20,274.51	6,840.00	378.84	380.03	90.00	2,814.61	-14,737.23	988.82	233.28	755.53	1.309 Level 3		
20,100.00	6,840.00	20,374.51	6,840.00	381.54	382.72	90.00	2,815.03	-14,837.23	988.80	227.85	760.95	1.299 Level 3		
20,200.00	6,840.00	20,474.51	6,840.00	384.24	385.41	90.00	2,815.45	-14,937.23	988.78	222.42	766.36	1.290 Level 3		
20,300.00	6,840.00	20,574.51	6,840.00	386.94	388.09	90.00	2,815.88	-15,037.23	988.77	216.99	771.77	1.281 Level 3		
20,400.00	6,840.00	20,674.51	6,840.00	389.64	390.78	90.00	2,816.30	-15,137.22	988.75	211.56	777.19	1.272 Level 3		
20,500.00	6,840.00	20,774.51	6,840.00	392.34	393.47	90.00	2,816.72	-15,237.22	988.73	206.13	782.60	1.263 Level 3		
20,600.00	6,840.00	20,874.51	6,840.00	395.04	396.16	90.00	2,817.14	-15,337.22	988.71	200.70	788.01	1.255 Level 3		
20,609.76	6,840.00	20,884.27	6,840.00	395.31	396.43	90.00	2,817.18	-15,346.98	988.71	200.17	788.54	1.254 Level 3, SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	45.17	0.00	45.17					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	45.17	0.00	45.17	44.90	0.27	168.023		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	45.17	0.00	45.17	44.19	0.99	45.825 CC		
300.00	300.00	298.78	298.76	0.85	0.85	-1.37	46.47	-1.11	46.50	44.80	1.70	27.351		
400.00	400.00	397.32	397.17	1.21	1.21	-5.02	50.33	-4.42	50.60	48.19	2.42	20.941		
500.00	499.98	495.56	495.03	1.57	1.57	40.37	56.73	-9.92	56.47	53.34	3.13	18.049		
600.00	599.84	593.56	592.32	1.93	1.95	37.66	65.66	-17.58	62.78	58.94	3.84	16.347		
700.00	699.45	691.33	688.92	2.29	2.35	35.83	77.07	-27.37	69.40	64.84	4.56	15.225		
800.00	798.70	788.86	784.73	2.67	2.78	34.67	90.94	-39.27	76.27	70.98	5.29	14.426		
900.00	897.47	886.17	879.63	3.07	3.24	34.02	107.24	-53.25	83.34	77.31	6.03	13.821		
1,000.00	995.62	983.25	973.53	3.50	3.74	33.76	125.93	-69.29	90.57	83.78	6.79	13.332		
1,100.00	1,093.06	1,080.10	1,066.32	3.97	4.28	33.81	146.97	-87.34	97.97	90.39	7.58	12.932		
1,200.00	1,189.64	1,176.72	1,157.90	4.47	4.86	34.10	170.32	-107.37	105.51	97.11	8.40	12.559		
1,300.00	1,285.27	1,273.11	1,248.19	5.01	5.49	34.57	195.94	-129.35	113.20	103.94	9.26	12.219		
1,400.00	1,379.82	1,369.28	1,337.09	5.61	6.17	35.20	223.78	-153.24	121.04	110.86	10.18	11.892		
1,500.00	1,473.17	1,465.24	1,424.50	6.25	6.89	35.94	253.79	-178.99	129.04	117.88	11.15	11.570		
1,600.00	1,565.21	1,560.97	1,510.35	6.96	7.67	36.77	285.94	-206.58	137.19	124.99	12.20	11.248		
1,700.00	1,656.01	1,659.10	1,597.15	7.72	8.52	37.79	320.68	-236.38	145.25	131.87	13.37	10.859		
1,800.00	1,746.60	1,758.75	1,685.19	8.50	9.40	38.82	356.11	-266.78	153.17	138.53	14.64	10.461		
1,900.00	1,837.19	1,858.40	1,773.23	9.30	10.28	39.76	391.54	-297.17	161.15	145.20	15.95	10.106		
2,000.00	1,927.79	1,958.05	1,861.27	10.12	11.18	40.60	426.96	-327.57	169.16	151.88	17.28	9.789		
2,100.00	2,018.38	2,057.70	1,949.31	10.93	12.08	41.37	462.39	-357.97	177.21	158.57	18.64	9.508		
2,200.00	2,108.97	2,157.35	2,037.35	11.76	12.99	42.07	497.82	-388.36	185.28	165.26	20.02	9.256		
2,300.00	2,199.56	2,257.00	2,125.39	12.59	13.90	42.72	533.24	-418.76	193.38	171.96	21.42	9.030		
2,400.00	2,290.15	2,356.64	2,213.43	13.43	14.81	43.31	568.67	-449.16	201.50	178.67	22.83	8.827		
2,500.00	2,380.75	2,456.29	2,301.47	14.26	15.73	43.85	604.10	-479.55	209.64	185.39	24.26	8.643		
2,600.00	2,471.34	2,555.94	2,389.50	15.11	16.65	44.36	639.53	-509.95	217.80	192.11	25.69	8.477		
2,700.00	2,561.93	2,655.59	2,477.54	15.95	17.57	44.83	674.95	-540.35	225.98	198.83	27.14	8.326		
2,800.00	2,652.52	2,755.24	2,565.58	16.80	18.49	45.26	710.38	-570.74	234.17	205.57	28.60	8.188		
2,900.00	2,743.12	2,854.89	2,653.62	17.64	19.41	45.67	745.81	-601.14	242.37	212.30	30.07	8.061		
3,000.00	2,833.71	2,954.54	2,741.66	18.49	20.34	46.05	781.24	-631.53	250.58	219.04	31.54	7.945		
3,100.00	2,924.30	3,054.19	2,829.70	19.35	21.26	46.41	816.66	-661.93	258.80	225.79	33.02	7.839		
3,200.00	3,014.89	3,153.84	2,917.74	20.20	22.19	46.74	852.09	-692.33	267.04	232.54	34.50	7.740		
3,300.00	3,105.48	3,253.48	3,005.78	21.05	23.12	47.05	887.52	-722.72	275.28	239.29	35.99	7.649		
3,400.00	3,196.08	3,353.13	3,093.82	21.91	24.05	47.35	922.95	-753.12	283.52	246.04	37.48	7.564		
3,500.00	3,286.67	3,452.78	3,181.86	22.76	24.97	47.63	958.37	-783.52	291.78	252.80	38.98	7.485		
3,600.00	3,377.26	3,552.43	3,269.89	23.62	25.90	47.89	993.80	-813.91	300.04	259.56	40.48	7.412		
3,700.00	3,467.85	3,652.08	3,357.93	24.47	26.83	48.14	1,029.23	-844.31	308.31	266.32	41.99	7.343		
3,800.00	3,558.45	3,751.73	3,445.97	25.33	27.76	48.38	1,064.66	-874.70	316.58	273.09	43.49	7.279		
3,900.00	3,649.04	3,851.38	3,534.01	26.19	28.69	48.60	1,100.08	-905.10	324.86	279.86	45.00	7.218		
4,000.00	3,739.63	3,951.03	3,622.05	27.05	29.62	48.82	1,135.51	-935.50	333.15	286.63	46.52	7.162		
4,100.00	3,830.22	4,050.68	3,710.09	27.90	30.55	49.02	1,170.94	-965.89	341.43	293.40	48.03	7.108		
4,200.00	3,920.81	4,150.32	3,798.13	28.76	31.48	49.21	1,206.36	-996.29	349.73	300.18	49.55	7.058		
4,300.00	4,011.41	4,249.97	3,886.17	29.62	32.42	49.40	1,241.79	-1,026.69	358.02	306.95	51.07	7.010		
4,400.00	4,102.00	4,349.62	3,974.21	30.48	33.35	49.57	1,277.22	-1,057.08	366.32	313.73	52.59	6.966		
4,500.00	4,192.59	4,449.27	4,062.25	31.34	34.28	49.74	1,312.65	-1,087.48	374.62	320.51	54.11	6.923		
4,600.00	4,283.18	4,548.92	4,150.28	32.20	35.21	49.90	1,348.07	-1,117.88	382.93	327.29	55.64	6.883		
4,700.00	4,373.78	4,648.57	4,238.32	33.06	36.14	50.05	1,383.50	-1,148.27	391.24	334.07	57.16	6.844		
4,800.00	4,464.37	4,748.22	4,326.36	33.92	37.08	50.20	1,418.93	-1,178.67	399.55	340.86	58.69	6.808		
4,900.00	4,554.96	4,847.87	4,414.40	34.78	38.01	50.34	1,454.36	-1,209.06	407.86	347.64	60.22	6.773		
5,000.00	4,645.55	4,947.52	4,502.44	35.64	38.94	50.48	1,489.78	-1,239.46	416.18	354.43	61.75	6.740		
5,100.00	4,736.14	5,047.16	4,590.48	36.51	39.88	50.61	1,525.21	-1,269.86	424.49	361.21	63.28	6.708		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	5,146.81	4,678.52	37.37	40.81	50.74	1,560.64	-1,300.25	432.81	368.00	64.81	6.678		
5,300.00	4,917.33	5,246.46	4,766.56	38.23	41.74	50.86	1,596.07	-1,330.65	441.14	374.79	66.34	6.649		
5,400.00	5,007.92	5,346.11	4,854.60	39.09	42.67	50.97	1,631.49	-1,361.05	449.46	381.58	67.88	6.622		
5,500.00	5,098.51	5,445.76	4,942.64	39.95	43.61	51.08	1,666.92	-1,391.44	457.79	388.37	69.41	6.595		
5,600.00	5,189.11	5,545.41	5,030.67	40.81	44.54	51.19	1,702.35	-1,421.84	466.11	395.17	70.95	6.570		
5,700.00	5,279.70	5,645.06	5,118.71	41.68	45.48	51.30	1,737.78	-1,452.24	474.44	401.96	72.48	6.546		
5,800.00	5,370.29	5,744.71	5,206.75	42.54	46.41	51.40	1,773.20	-1,482.63	482.77	408.75	74.02	6.522		
5,900.00	5,460.88	5,844.36	5,294.79	43.40	47.34	51.50	1,808.63	-1,513.03	491.10	415.55	75.56	6.500		
6,000.00	5,551.47	5,944.00	5,382.83	44.26	48.28	51.59	1,844.06	-1,543.42	499.44	422.34	77.09	6.478		
6,100.00	5,642.07	6,043.65	5,470.87	45.13	49.21	51.68	1,879.49	-1,573.82	507.77	429.14	78.63	6.458		
6,200.00	5,732.66	6,143.30	5,558.91	45.99	50.14	51.77	1,914.91	-1,604.22	516.11	435.94	80.17	6.438		
6,300.00	5,823.25	6,242.95	5,646.95	46.85	51.08	51.85	1,950.34	-1,634.61	524.45	442.73	81.71	6.418		
6,400.00	5,913.84	6,342.60	5,734.99	47.72	52.01	51.94	1,985.77	-1,665.01	532.78	449.53	83.25	6.400		
6,500.00	6,004.44	6,442.25	5,823.03	48.58	52.95	52.02	2,021.19	-1,695.41	541.12	456.33	84.79	6.382		
6,600.00	6,095.03	6,541.90	5,911.06	49.44	53.88	52.09	2,056.62	-1,725.80	549.46	463.13	86.33	6.365		
6,700.00	6,185.62	6,641.55	5,999.10	50.30	54.82	52.17	2,092.05	-1,756.20	557.80	469.93	87.87	6.348		
6,800.00	6,276.21	6,741.20	6,087.14	51.17	55.75	52.24	2,127.48	-1,786.59	566.15	476.73	89.42	6.332		
6,900.00	6,366.80	6,840.84	6,175.18	52.03	56.68	52.31	2,162.90	-1,816.99	574.49	483.53	90.96	6.316		
7,000.00	6,457.40	6,940.49	6,263.22	52.89	57.62	52.38	2,198.33	-1,847.39	582.83	490.33	92.50	6.301		
7,100.00	6,545.60	7,039.70	6,350.87	53.85	58.55	62.35	2,233.60	-1,877.65	591.86	497.20	94.66	6.253		
7,200.00	6,626.13	7,135.99	6,435.94	55.05	59.45	70.26	2,267.83	-1,907.02	603.09	504.77	98.32	6.134		
7,300.00	6,696.49	7,243.95	6,530.04	56.46	60.52	76.74	2,305.72	-1,943.75	617.40	514.12	103.29	5.978		
7,400.00	6,754.56	7,374.54	6,633.50	58.05	62.11	82.01	2,347.49	-2,011.04	632.17	524.09	108.08	5.849		
7,500.00	6,798.57	7,520.46	6,729.00	59.78	64.23	86.00	2,386.22	-2,113.79	645.43	533.85	111.59	5.784		
7,600.00	6,827.18	7,681.42	6,802.66	61.58	66.84	88.71	2,416.35	-2,253.10	655.27	542.10	113.16	5.791		
7,700.00	6,839.51	7,853.21	6,838.42	63.39	69.69	89.94	2,431.40	-2,419.79	659.91	547.11	112.80	5.850		
7,800.00	6,840.00	7,972.14	6,840.00	65.19	71.62	90.00	2,432.54	-2,538.67	660.11	544.54	115.58	5.711		
7,900.00	6,840.00	8,072.14	6,840.00	67.04	73.28	90.00	2,432.97	-2,638.67	660.11	540.32	119.78	5.511		
8,000.00	6,840.00	8,172.14	6,840.00	68.95	75.01	90.00	2,433.40	-2,738.67	660.10	536.01	124.09	5.320		
8,100.00	6,840.00	8,272.14	6,840.00	70.91	76.78	90.00	2,433.83	-2,838.67	660.09	531.62	128.47	5.138		
8,200.00	6,840.00	8,372.14	6,840.00	72.91	78.61	90.00	2,434.26	-2,938.67	660.08	527.14	132.94	4.965		
8,300.00	6,840.00	8,472.14	6,840.00	74.96	80.49	90.00	2,434.69	-3,038.67	660.07	522.60	137.47	4.801		
8,400.00	6,840.00	8,572.14	6,840.00	77.05	82.41	90.00	2,435.12	-3,138.66	660.06	517.99	142.07	4.646		
8,500.00	6,840.00	8,672.14	6,840.00	79.18	84.37	90.00	2,435.54	-3,238.66	660.05	513.33	146.73	4.498		
8,600.00	6,840.00	8,772.14	6,840.00	81.34	86.37	90.00	2,435.97	-3,338.66	660.05	508.61	151.44	4.359		
8,700.00	6,840.00	8,872.14	6,840.00	83.54	88.42	90.00	2,436.40	-3,438.66	660.04	503.84	156.19	4.226		
8,800.00	6,840.00	8,972.14	6,840.00	85.76	90.50	90.00	2,436.83	-3,538.66	660.03	499.04	160.99	4.100		
8,900.00	6,840.00	9,072.14	6,840.00	88.02	92.61	90.00	2,437.26	-3,638.66	660.02	494.19	165.83	3.980		
9,000.00	6,840.00	9,172.14	6,840.00	90.30	94.75	90.00	2,437.69	-3,738.66	660.01	489.31	170.71	3.866		
9,100.00	6,840.00	9,272.14	6,840.00	92.60	96.92	90.00	2,438.12	-3,838.66	660.00	484.39	175.61	3.758		
9,200.00	6,840.00	9,372.14	6,840.00	94.93	99.13	90.00	2,438.55	-3,938.66	659.99	479.44	180.55	3.655		
9,300.00	6,840.00	9,472.14	6,840.00	97.28	101.35	90.00	2,438.98	-4,038.66	659.99	474.47	185.52	3.557		
9,400.00	6,840.00	9,572.14	6,840.00	99.65	103.60	90.00	2,439.41	-4,138.66	659.98	469.46	190.51	3.464		
9,500.00	6,840.00	9,672.14	6,840.00	102.03	105.88	90.00	2,439.83	-4,238.65	659.97	464.44	195.53	3.375		
9,600.00	6,840.00	9,772.14	6,840.00	104.43	108.17	90.00	2,440.26	-4,338.65	659.96	459.39	200.57	3.290		
9,700.00	6,840.00	9,872.14	6,840.00	106.85	110.49	90.00	2,440.69	-4,438.65	659.95	454.32	205.63	3.209		
9,800.00	6,840.00	9,972.14	6,840.00	109.29	112.83	90.00	2,441.12	-4,538.65	659.94	449.24	210.70	3.132		
9,900.00	6,840.00	10,072.14	6,840.00	111.73	115.18	90.00	2,441.55	-4,638.65	659.93	444.13	215.80	3.058		
10,000.00	6,840.00	10,172.14	6,840.00	114.19	117.55	90.00	2,441.98	-4,738.65	659.93	439.01	220.91	2.987		
10,100.00	6,840.00	10,272.14	6,840.00	116.66	119.93	90.00	2,442.41	-4,838.65	659.92	433.88	226.04	2.919		
10,200.00	6,840.00	10,372.14	6,840.00	119.15	122.33	90.00	2,442.84	-4,938.65	659.91	428.73	231.18	2.855		
10,300.00	6,840.00	10,472.14	6,840.00	121.64	124.75	90.00	2,443.27	-5,038.65	659.90	423.56	236.34	2.792		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,572.14	6,840.00	124.14	127.17	90.00	2,443.69	-5,138.65	659.89	418.39	241.50	2.732		
10,500.00	6,840.00	10,672.14	6,840.00	126.65	129.61	90.00	2,444.12	-5,238.65	659.88	413.20	246.68	2.675		
10,600.00	6,840.00	10,772.14	6,840.00	129.18	132.06	90.00	2,444.55	-5,338.64	659.88	408.00	251.87	2.620		
10,700.00	6,840.00	10,872.14	6,840.00	131.70	134.53	90.00	2,444.98	-5,438.64	659.87	402.79	257.07	2.567		
10,800.00	6,840.00	10,972.14	6,840.00	134.24	137.00	90.00	2,445.41	-5,538.64	659.86	397.57	262.28	2.516		
10,900.00	6,840.00	11,072.14	6,840.00	136.79	139.48	90.00	2,445.84	-5,638.64	659.85	392.35	267.50	2.467		
11,000.00	6,840.00	11,172.14	6,840.00	139.34	141.97	90.00	2,446.27	-5,738.64	659.84	387.11	272.73	2.419		
11,100.00	6,840.00	11,272.14	6,840.00	141.90	144.47	90.00	2,446.70	-5,838.64	659.83	381.87	277.97	2.374		
11,200.00	6,840.00	11,372.14	6,840.00	144.46	146.98	90.00	2,447.13	-5,938.64	659.82	376.61	283.21	2.330		
11,300.00	6,840.00	11,472.14	6,840.00	147.03	149.49	90.00	2,447.55	-6,038.64	659.82	371.35	288.46	2.287		
11,400.00	6,840.00	11,572.14	6,840.00	149.60	152.02	90.00	2,447.98	-6,138.64	659.81	366.09	293.72	2.246		
11,500.00	6,840.00	11,672.14	6,840.00	152.18	154.55	90.00	2,448.41	-6,238.64	659.80	360.82	298.98	2.207		
11,600.00	6,840.00	11,772.14	6,840.00	154.77	157.08	90.00	2,448.84	-6,338.64	659.79	355.54	304.25	2.169		
11,700.00	6,840.00	11,872.14	6,840.00	157.36	159.63	90.00	2,449.27	-6,438.63	659.78	350.25	309.53	2.132		
11,800.00	6,840.00	11,972.14	6,840.00	159.95	162.18	90.00	2,449.70	-6,538.63	659.77	344.96	314.81	2.096		
11,900.00	6,840.00	12,072.14	6,840.00	162.55	164.73	90.00	2,450.13	-6,638.63	659.76	339.67	320.10	2.061		
12,000.00	6,840.00	12,172.14	6,840.00	165.16	167.29	90.00	2,450.56	-6,738.63	659.76	334.37	325.39	2.028		
12,100.00	6,840.00	12,272.14	6,840.00	167.76	169.86	90.00	2,450.99	-6,838.63	659.75	329.06	330.69	1.995		
12,200.00	6,840.00	12,372.14	6,840.00	170.37	172.43	90.00	2,451.42	-6,938.63	659.74	323.75	335.99	1.964		
12,300.00	6,840.00	12,472.14	6,840.00	172.99	175.00	90.00	2,451.84	-7,038.63	659.73	318.44	341.29	1.933		
12,400.00	6,840.00	12,572.14	6,840.00	175.60	177.58	90.00	2,452.27	-7,138.63	659.72	313.12	346.60	1.903		
12,500.00	6,840.00	12,672.14	6,840.00	178.23	180.17	90.00	2,452.70	-7,238.63	659.71	307.79	351.92	1.875		
12,600.00	6,840.00	12,772.14	6,840.00	180.85	182.76	90.00	2,453.13	-7,338.63	659.70	302.47	357.24	1.847		
12,700.00	6,840.00	12,872.14	6,840.00	183.47	185.35	90.00	2,453.56	-7,438.63	659.70	297.14	362.56	1.820		
12,800.00	6,840.00	12,972.14	6,840.00	186.10	187.95	90.00	2,453.99	-7,538.62	659.69	291.80	367.88	1.793		
12,900.00	6,840.00	13,072.14	6,840.00	188.74	190.55	90.00	2,454.42	-7,638.62	659.68	286.47	373.21	1.768		
13,000.00	6,840.00	13,172.14	6,840.00	191.37	193.15	90.00	2,454.85	-7,738.62	659.67	281.13	378.54	1.743		
13,100.00	6,840.00	13,272.14	6,840.00	194.01	195.76	90.00	2,455.28	-7,838.62	659.66	275.79	383.88	1.718		
13,200.00	6,840.00	13,372.14	6,840.00	196.65	198.37	90.00	2,455.70	-7,938.62	659.65	270.44	389.21	1.695		
13,300.00	6,840.00	13,472.14	6,840.00	199.29	200.98	90.00	2,456.13	-8,038.62	659.64	265.09	394.55	1.672		
13,400.00	6,840.00	13,572.14	6,840.00	201.93	203.60	90.00	2,456.56	-8,138.62	659.64	259.74	399.90	1.650		
13,500.00	6,840.00	13,672.14	6,840.00	204.58	206.21	90.00	2,456.99	-8,238.62	659.63	254.39	405.24	1.628		
13,600.00	6,840.00	13,772.14	6,840.00	207.22	208.84	90.00	2,457.42	-8,338.62	659.62	249.03	410.59	1.607		
13,700.00	6,840.00	13,872.14	6,840.00	209.87	211.46	90.00	2,457.85	-8,438.62	659.61	243.67	415.94	1.586		
13,800.00	6,840.00	13,972.14	6,840.00	212.52	214.09	90.00	2,458.28	-8,538.62	659.60	238.31	421.29	1.566		
13,900.00	6,840.00	14,072.14	6,840.00	215.18	216.72	90.00	2,458.71	-8,638.61	659.59	232.95	426.65	1.546		
14,000.00	6,840.00	14,172.14	6,840.00	217.83	219.35	90.00	2,459.14	-8,738.61	659.58	227.58	432.00	1.527		
14,100.00	6,840.00	14,272.14	6,840.00	220.49	221.98	90.00	2,459.56	-8,838.61	659.58	222.21	437.36	1.508		
14,200.00	6,840.00	14,372.14	6,840.00	223.15	224.62	90.00	2,459.99	-8,938.61	659.57	216.85	442.72	1.490 Level 3		
14,300.00	6,840.00	14,472.14	6,840.00	225.81	227.25	90.00	2,460.42	-9,038.61	659.56	211.47	448.09	1.472 Level 3		
14,400.00	6,840.00	14,572.14	6,840.00	228.47	229.89	90.00	2,460.85	-9,138.61	659.55	206.10	453.45	1.455 Level 3		
14,500.00	6,840.00	14,672.14	6,840.00	231.13	232.54	90.00	2,461.28	-9,238.61	659.54	200.73	458.82	1.437 Level 3		
14,600.00	6,840.00	14,772.14	6,840.00	233.79	235.18	90.00	2,461.71	-9,338.61	659.53	195.35	464.18	1.421 Level 3		
14,700.00	6,840.00	14,872.14	6,840.00	236.46	237.82	90.00	2,462.14	-9,438.61	659.52	189.97	469.55	1.405 Level 3		
14,800.00	6,840.00	14,972.14	6,840.00	239.12	240.47	90.00	2,462.57	-9,538.61	659.52	184.59	474.92	1.389 Level 3		
14,900.00	6,840.00	15,072.14	6,840.00	241.79	243.12	90.00	2,463.00	-9,638.61	659.51	179.21	480.30	1.373 Level 3		
15,000.00	6,840.00	15,172.14	6,840.00	244.46	245.77	90.00	2,463.43	-9,738.60	659.50	173.83	485.67	1.358 Level 3		
15,100.00	6,840.00	15,272.14	6,840.00	247.13	248.42	90.00	2,463.85	-9,838.60	659.49	168.44	491.05	1.343 Level 3		
15,200.00	6,840.00	15,372.14	6,840.00	249.80	251.08	90.00	2,464.28	-9,938.60	659.48	163.06	496.42	1.328 Level 3		
15,300.00	6,840.00	15,472.14	6,840.00	252.47	253.73	90.00	2,464.71	-10,038.60	659.47	157.67	501.80	1.314 Level 3		
15,400.00	6,840.00	15,572.14	6,840.00	255.15	256.39	90.00	2,465.14	-10,138.60	659.47	152.28	507.18	1.300 Level 3		
15,500.00	6,840.00	15,672.14	6,840.00	257.82	259.04	90.00	2,465.57	-10,238.60	659.46	146.89	512.56	1.287 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,772.14	6,840.00	260.50	261.70	90.00	2,466.00	-10,338.60	659.45	141.50	517.95	1.273 Level 3		
15,700.00	6,840.00	15,872.14	6,840.00	263.17	264.36	90.00	2,466.43	-10,438.60	659.44	136.11	523.33	1.260 Level 3		
15,800.00	6,840.00	15,972.14	6,840.00	265.85	267.03	90.00	2,466.86	-10,538.60	659.43	130.72	528.71	1.247 Level 2		
15,900.00	6,840.00	16,072.14	6,840.00	268.53	269.69	90.00	2,467.29	-10,638.60	659.42	125.32	534.10	1.235 Level 2		
16,000.00	6,840.00	16,172.14	6,840.00	271.20	272.35	90.00	2,467.71	-10,738.60	659.41	119.93	539.49	1.222 Level 2		
16,100.00	6,840.00	16,272.14	6,840.00	273.88	275.02	90.00	2,468.14	-10,838.59	659.41	114.53	544.87	1.210 Level 2		
16,200.00	6,840.00	16,372.14	6,840.00	276.56	277.68	90.00	2,468.57	-10,938.59	659.40	109.13	550.26	1.198 Level 2		
16,300.00	6,840.00	16,472.14	6,840.00	279.25	280.35	90.00	2,469.00	-11,038.59	659.39	103.74	555.65	1.187 Level 2		
16,400.00	6,840.00	16,572.14	6,840.00	281.93	283.02	90.00	2,469.43	-11,138.59	659.38	98.34	561.04	1.175 Level 2		
16,500.00	6,840.00	16,672.14	6,840.00	284.61	285.69	90.00	2,469.86	-11,238.59	659.37	92.94	566.43	1.164 Level 2		
16,600.00	6,840.00	16,772.14	6,840.00	287.29	288.36	90.00	2,470.29	-11,338.59	659.36	87.54	571.83	1.153 Level 2		
16,700.00	6,840.00	16,872.14	6,840.00	289.98	291.03	90.00	2,470.72	-11,438.59	659.35	82.13	577.22	1.142 Level 2		
16,800.00	6,840.00	16,972.14	6,840.00	292.66	293.70	90.00	2,471.15	-11,538.59	659.35	76.73	582.62	1.132 Level 2		
16,900.00	6,840.00	17,072.14	6,840.00	295.35	296.38	90.00	2,471.58	-11,638.59	659.34	71.33	588.01	1.121 Level 2		
17,000.00	6,840.00	17,172.14	6,840.00	298.03	299.05	90.00	2,472.00	-11,738.59	659.33	65.92	593.41	1.111 Level 2		
17,100.00	6,840.00	17,272.14	6,840.00	300.72	301.72	90.00	2,472.43	-11,838.59	659.32	60.52	598.80	1.101 Level 2		
17,200.00	6,840.00	17,372.14	6,840.00	303.41	304.40	90.00	2,472.86	-11,938.58	659.31	55.11	604.20	1.091 Level 2		
17,300.00	6,840.00	17,472.14	6,840.00	306.09	307.08	90.00	2,473.29	-12,038.58	659.30	49.70	609.60	1.082 Level 2		
17,400.00	6,840.00	17,572.14	6,840.00	308.78	309.75	90.00	2,473.72	-12,138.58	659.29	44.30	615.00	1.072 Level 2		
17,500.00	6,840.00	17,672.14	6,840.00	311.47	312.43	90.00	2,474.15	-12,238.58	659.29	38.89	620.40	1.063 Level 2		
17,600.00	6,840.00	17,772.14	6,840.00	314.16	315.11	90.00	2,474.58	-12,338.58	659.28	33.48	625.80	1.053 Level 2		
17,700.00	6,840.00	17,872.14	6,840.00	316.85	317.79	90.00	2,475.01	-12,438.58	659.27	28.07	631.20	1.044 Level 2		
17,800.00	6,840.00	17,972.14	6,840.00	319.54	320.47	90.00	2,475.44	-12,538.58	659.26	22.66	636.60	1.036 Level 2		
17,900.00	6,840.00	18,072.14	6,840.00	322.23	323.15	90.00	2,475.86	-12,638.58	659.25	17.25	642.00	1.027 Level 2		
18,000.00	6,840.00	18,172.14	6,840.00	324.92	325.83	90.00	2,476.29	-12,738.58	659.24	11.84	647.41	1.018 Level 2		
18,100.00	6,840.00	18,272.14	6,840.00	327.62	328.51	90.00	2,476.72	-12,838.58	659.23	6.42	652.81	1.010 Level 2		
18,200.00	6,840.00	18,372.14	6,840.00	330.31	331.20	90.00	2,477.15	-12,938.58	659.23	1.01	658.21	1.002 Level 2		
18,300.00	6,840.00	18,472.14	6,840.00	333.00	333.88	90.00	2,477.58	-13,038.57	659.22	-4.40	663.62	0.993 Level 1		
18,400.00	6,840.00	18,572.14	6,840.00	335.70	336.56	90.00	2,478.01	-13,138.57	659.21	-9.82	669.02	0.985 Level 1		
18,500.00	6,840.00	18,672.14	6,840.00	338.39	339.25	90.00	2,478.44	-13,238.57	659.20	-15.23	674.43	0.977 Level 1		
18,600.00	6,840.00	18,772.14	6,840.00	341.08	341.93	90.00	2,478.87	-13,338.57	659.19	-20.64	679.84	0.970 Level 1		
18,700.00	6,840.00	18,872.14	6,840.00	343.78	344.62	90.00	2,479.30	-13,438.57	659.18	-26.06	685.24	0.962 Level 1		
18,800.00	6,840.00	18,972.14	6,840.00	346.47	347.31	90.00	2,479.72	-13,538.57	659.17	-31.48	690.65	0.954 Level 1		
18,900.00	6,840.00	19,072.14	6,840.00	349.17	349.99	90.00	2,480.15	-13,638.57	659.17	-36.89	696.06	0.947 Level 1		
19,000.00	6,840.00	19,172.14	6,840.00	351.86	352.68	90.00	2,480.58	-13,738.57	659.16	-42.31	701.47	0.940 Level 1		
19,100.00	6,840.00	19,272.14	6,840.00	354.56	355.37	90.00	2,481.01	-13,838.57	659.15	-47.73	706.88	0.932 Level 1		
19,200.00	6,840.00	19,372.14	6,840.00	357.26	358.06	90.00	2,481.44	-13,938.57	659.14	-53.15	712.29	0.925 Level 1		
19,300.00	6,840.00	19,472.14	6,840.00	359.95	360.75	90.00	2,481.87	-14,038.56	659.13	-58.56	717.70	0.918 Level 1		
19,400.00	6,840.00	19,572.14	6,840.00	362.65	363.43	90.00	2,482.30	-14,138.56	659.12	-63.98	723.11	0.912 Level 1		
19,500.00	6,840.00	19,672.14	6,840.00	365.35	366.12	90.00	2,482.73	-14,238.56	659.11	-69.40	728.52	0.905 Level 1		
19,600.00	6,840.00	19,772.14	6,840.00	368.05	368.81	90.00	2,483.16	-14,338.56	659.11	-74.82	733.93	0.898 Level 1		
19,700.00	6,840.00	19,872.14	6,840.00	370.74	371.51	90.00	2,483.59	-14,438.56	659.10	-80.24	739.34	0.891 Level 1		
19,800.00	6,840.00	19,972.14	6,840.00	373.44	374.20	90.00	2,484.01	-14,538.56	659.09	-85.66	744.75	0.885 Level 1		
19,900.00	6,840.00	20,072.14	6,840.00	376.14	376.89	90.00	2,484.44	-14,638.56	659.08	-91.08	750.16	0.879 Level 1		
20,000.00	6,840.00	20,172.14	6,840.00	378.84	379.58	90.00	2,484.87	-14,738.56	659.07	-96.50	755.58	0.872 Level 1		
20,100.00	6,840.00	20,272.14	6,840.00	381.54	382.27	90.00	2,485.30	-14,838.56	659.06	-101.93	760.99	0.866 Level 1		
20,200.00	6,840.00	20,372.14	6,840.00	384.24	384.96	90.00	2,485.73	-14,938.56	659.06	-107.35	766.40	0.860 Level 1		
20,300.00	6,840.00	20,472.14	6,840.00	386.94	387.66	90.00	2,486.16	-15,038.56	659.05	-112.77	771.82	0.854 Level 1		
20,400.00	6,840.00	20,572.14	6,840.00	389.64	390.35	90.00	2,486.59	-15,138.55	659.04	-118.19	777.23	0.848 Level 1		
20,500.00	6,840.00	20,672.14	6,840.00	392.34	393.05	90.00	2,487.02	-15,238.55	659.03	-123.62	782.65	0.842 Level 1		
20,600.00	6,840.00	20,772.14	6,840.00	395.04	395.74	90.00	2,487.45	-15,338.55	659.02	-129.04	788.06	0.836 Level 1		
20,609.76	6,840.00	20,781.90	6,840.00	395.31	396.00	90.00	2,487.49	-15,348.31	659.02	-129.57	788.59	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.95	0.00	22.95					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	22.95	0.00	22.95	22.68	0.27	85.367		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	22.95	0.00	22.95	21.97	0.99	23.282		
300.00	300.00	300.00	300.00	0.85	0.85	0.00	22.95	0.00	22.95	21.25	1.70	13.479 CC		
400.00	400.00	399.39	399.37	1.21	1.21	-2.87	24.18	-1.21	24.22	21.80	2.42	10.018		
500.00	499.98	498.65	498.49	1.57	1.57	41.71	27.85	-4.84	26.98	23.85	3.13	8.624		
600.00	599.84	597.78	597.25	1.93	1.93	38.38	33.95	-10.86	30.04	26.20	3.84	7.819		
700.00	699.45	696.80	695.53	2.29	2.31	36.09	42.48	-19.28	33.30	28.74	4.56	7.303		
800.00	798.70	795.70	793.23	2.67	2.71	34.60	53.39	-30.05	36.72	31.44	5.29	6.944		
900.00	897.47	894.48	890.22	3.07	3.14	33.73	66.69	-43.18	40.28	34.25	6.03	6.679		
1,000.00	995.62	993.14	986.40	3.50	3.60	33.32	82.33	-58.63	43.94	37.15	6.79	6.469		
1,100.00	1,093.06	1,091.69	1,081.65	3.97	4.10	33.28	100.30	-76.37	47.70	40.13	7.58	6.295		
1,200.00	1,189.64	1,190.12	1,175.87	4.47	4.64	33.53	120.57	-96.38	51.56	43.16	8.40	6.140		
1,300.00	1,285.27	1,288.44	1,268.95	5.01	5.23	33.99	143.10	-118.62	55.51	46.25	9.26	5.995		
1,400.00	1,379.82	1,386.65	1,360.78	5.61	5.87	34.63	167.86	-143.06	59.56	49.38	10.17	5.854		
1,500.00	1,473.17	1,484.75	1,451.26	6.25	6.56	35.41	194.81	-169.68	63.70	52.55	11.15	5.714		
1,600.00	1,565.21	1,582.73	1,540.30	6.96	7.31	36.29	223.92	-198.41	67.94	55.74	12.20	5.570		
1,700.00	1,656.01	1,681.82	1,629.14	7.72	8.11	37.36	255.16	-229.25	72.10	58.73	13.37	5.392		
1,800.00	1,746.60	1,781.73	1,718.58	8.50	8.94	38.46	286.83	-260.52	76.13	61.50	14.63	5.203		
1,900.00	1,837.19	1,881.64	1,808.03	9.30	9.79	39.44	318.50	-291.79	80.20	64.27	15.93	5.034		
2,000.00	1,927.79	1,981.55	1,897.48	10.12	10.64	40.32	350.18	-323.07	84.28	67.02	17.26	4.883		
2,100.00	2,018.38	2,081.46	1,986.92	10.93	11.50	41.13	381.85	-354.34	88.38	69.77	18.61	4.748		
2,200.00	2,108.97	2,181.37	2,076.37	11.76	12.37	41.86	413.52	-385.61	92.50	72.51	19.99	4.627		
2,300.00	2,199.56	2,281.28	2,165.81	12.59	13.24	42.53	445.20	-416.88	96.63	75.24	21.39	4.518		
2,400.00	2,290.15	2,381.18	2,255.26	13.43	14.11	43.15	476.87	-448.15	100.77	77.97	22.80	4.420		
2,500.00	2,380.75	2,481.09	2,344.71	14.26	14.99	43.71	508.54	-479.42	104.93	80.70	24.23	4.331		
2,600.00	2,471.34	2,581.00	2,434.15	15.11	15.87	44.24	540.22	-510.69	109.09	83.43	25.66	4.251		
2,700.00	2,561.93	2,680.91	2,523.60	15.95	16.75	44.72	571.89	-541.96	113.26	86.15	27.11	4.178		
2,800.00	2,652.52	2,780.82	2,613.05	16.80	17.64	45.17	603.56	-573.23	117.44	88.87	28.57	4.111		
2,900.00	2,743.12	2,880.73	2,702.49	17.64	18.53	45.59	635.24	-604.50	121.63	91.59	30.03	4.050		
3,000.00	2,833.71	2,980.63	2,791.94	18.49	19.41	45.99	666.91	-635.77	125.82	94.31	31.51	3.994		
3,100.00	2,924.30	3,080.54	2,881.38	19.35	20.30	46.35	698.58	-667.04	130.02	97.03	32.98	3.942		
3,200.00	3,014.89	3,180.45	2,970.83	20.20	21.19	46.69	730.26	-698.32	134.22	99.75	34.47	3.894		
3,300.00	3,105.48	3,280.36	3,060.28	21.05	22.08	47.02	761.93	-729.59	138.43	102.47	35.96	3.850		
3,400.00	3,196.08	3,380.27	3,149.72	21.91	22.97	47.32	793.60	-760.86	142.64	105.19	37.45	3.809		
3,500.00	3,286.67	3,480.18	3,239.17	22.76	23.86	47.61	825.28	-792.13	146.86	107.91	38.95	3.770		
3,600.00	3,377.26	3,580.09	3,328.62	23.62	24.76	47.88	856.95	-823.40	151.07	110.62	40.45	3.735		
3,700.00	3,467.85	3,679.99	3,418.06	24.47	25.65	48.13	888.62	-854.67	155.30	113.34	41.96	3.701		
3,800.00	3,558.45	3,779.90	3,507.51	25.33	26.54	48.37	920.30	-885.94	159.52	116.06	43.46	3.670		
3,900.00	3,649.04	3,879.81	3,596.96	26.19	27.44	48.60	951.97	-917.21	163.75	118.77	44.97	3.641		
4,000.00	3,739.63	3,979.72	3,686.40	27.05	28.33	48.82	983.64	-948.48	167.98	121.49	46.49	3.613		
4,100.00	3,830.22	4,079.63	3,775.85	27.90	29.23	49.03	1,015.32	-979.75	172.21	124.21	48.00	3.588		
4,200.00	3,920.81	4,179.54	3,865.29	28.76	30.12	49.23	1,046.99	-1,011.02	176.44	126.93	49.52	3.563		
4,300.00	4,011.41	4,279.45	3,954.74	29.62	31.02	49.41	1,078.66	-1,042.29	180.68	129.64	51.04	3.540		
4,400.00	4,102.00	4,379.35	4,044.19	30.48	31.91	49.59	1,110.34	-1,073.56	184.92	132.36	52.56	3.518		
4,500.00	4,192.59	4,479.26	4,133.63	31.34	32.81	49.76	1,142.01	-1,104.84	189.16	135.08	54.08	3.498		
4,600.00	4,283.18	4,579.17	4,223.08	32.20	33.70	49.93	1,173.69	-1,136.11	193.40	137.79	55.61	3.478		
4,700.00	4,373.78	4,679.08	4,312.53	33.06	34.60	50.09	1,205.36	-1,167.38	197.64	140.51	57.13	3.459		
4,800.00	4,464.37	4,778.99	4,401.97	33.92	35.50	50.24	1,237.03	-1,198.65	201.89	143.23	58.66	3.442		
4,900.00	4,554.96	4,878.90	4,491.42	34.78	36.39	50.38	1,268.71	-1,229.92	206.13	145.95	60.19	3.425		
5,000.00	4,645.55	4,978.81	4,580.86	35.64	37.29	50.52	1,300.38	-1,261.19	210.38	148.67	61.72	3.409		
5,100.00	4,736.14	5,078.71	4,670.31	36.51	38.19	50.65	1,332.05	-1,292.46	214.63	151.38	63.25	3.394		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,826.74	5,178.62	4,759.76	37.37	39.09	50.78	1,363.73	-1,323.73	218.88	154.10	64.78	3.379		
5,300.00	4,917.33	5,278.53	4,849.20	38.23	39.98	50.90	1,395.40	-1,355.00	223.13	156.82	66.31	3.365		
5,400.00	5,007.92	5,378.44	4,938.65	39.09	40.88	51.02	1,427.07	-1,386.27	227.38	159.54	67.84	3.352		
5,500.00	5,098.51	5,478.35	5,028.10	39.95	41.78	51.13	1,458.75	-1,417.54	231.63	162.26	69.38	3.339		
5,600.00	5,189.11	5,578.26	5,117.54	40.81	42.68	51.24	1,490.42	-1,448.81	235.89	164.97	70.91	3.326		
5,700.00	5,279.70	5,678.16	5,206.99	41.68	43.57	51.35	1,522.09	-1,480.09	240.14	167.69	72.45	3.315		
5,800.00	5,370.29	5,778.07	5,296.43	42.54	44.47	51.45	1,553.77	-1,511.36	244.40	170.41	73.98	3.303		
5,900.00	5,460.88	5,877.98	5,385.88	43.40	45.37	51.55	1,585.44	-1,542.63	248.65	173.13	75.52	3.293		
6,000.00	5,551.47	5,977.89	5,475.33	44.26	46.27	51.64	1,617.11	-1,573.90	252.91	175.85	77.06	3.282		
6,100.00	5,642.07	6,077.80	5,564.77	45.13	47.17	51.74	1,648.79	-1,605.17	257.16	178.57	78.60	3.272		
6,200.00	5,732.66	6,177.71	5,654.22	45.99	48.06	51.83	1,680.46	-1,636.44	261.42	181.29	80.13	3.262		
6,300.00	5,823.25	6,277.62	5,743.67	46.85	48.96	51.91	1,712.13	-1,667.71	265.68	184.01	81.67	3.253		
6,400.00	5,913.84	6,377.52	5,833.11	47.72	49.86	52.00	1,743.81	-1,698.98	269.94	186.73	83.21	3.244		
6,500.00	6,004.44	6,477.43	5,922.56	48.58	50.76	52.08	1,775.48	-1,730.25	274.20	189.45	84.75	3.235		
6,600.00	6,095.03	6,577.34	6,012.00	49.44	51.66	52.16	1,807.15	-1,761.52	278.46	192.16	86.29	3.227		
6,700.00	6,185.62	6,677.25	6,101.45	50.30	52.56	52.23	1,838.83	-1,792.79	282.72	194.88	87.83	3.219		
6,800.00	6,276.21	6,777.16	6,190.90	51.17	53.46	52.31	1,870.50	-1,824.06	286.98	197.60	89.38	3.211		
6,900.00	6,366.80	6,877.07	6,280.34	52.03	54.36	52.38	1,902.17	-1,855.34	291.24	200.32	90.92	3.203		
7,000.00	6,457.40	6,976.98	6,369.79	52.89	55.25	52.45	1,933.85	-1,886.61	295.50	203.04	92.46	3.196		
7,100.00	6,545.60	7,076.49	6,458.88	53.85	56.15	63.40	1,965.40	-1,917.75	300.51	205.46	95.05	3.162		
7,200.00	6,626.13	7,183.36	6,551.84	55.05	57.22	72.92	1,998.35	-1,958.53	307.08	207.73	99.35	3.091		
7,300.00	6,696.49	7,295.10	6,639.68	56.46	58.60	79.47	2,029.59	-2,019.82	313.72	210.29	103.43	3.033		
7,400.00	6,754.56	7,410.67	6,716.92	58.05	60.28	84.07	2,057.17	-2,100.96	319.85	212.97	106.87	2.993		
7,500.00	6,798.57	7,529.65	6,778.73	59.78	62.21	87.22	2,079.40	-2,199.91	324.91	215.48	109.43	2.969		
7,600.00	6,827.18	7,651.29	6,820.64	61.58	64.29	89.15	2,094.67	-2,312.83	328.41	217.35	111.06	2.957		
7,700.00	6,839.51	7,774.53	6,839.23	63.39	66.43	89.96	2,101.76	-2,434.22	329.99	218.05	111.94	2.948		
7,800.00	6,840.00	7,880.39	6,840.00	65.19	68.24	90.00	2,102.49	-2,540.06	330.06	214.86	115.20	2.865		
7,900.00	6,840.00	7,980.39	6,840.00	67.04	70.00	90.00	2,102.93	-2,640.06	330.06	210.64	119.42	2.764		
8,000.00	6,840.00	8,080.39	6,840.00	68.95	71.82	90.00	2,103.37	-2,740.06	330.06	206.32	123.74	2.667		
8,100.00	6,840.00	8,180.39	6,840.00	70.91	73.69	90.00	2,103.80	-2,840.06	330.06	201.92	128.14	2.576		
8,200.00	6,840.00	8,280.39	6,840.00	72.91	75.60	90.00	2,104.24	-2,940.05	330.06	197.44	132.62	2.489		
8,300.00	6,840.00	8,380.39	6,840.00	74.96	77.57	90.00	2,104.68	-3,040.05	330.06	192.89	137.17	2.406		
8,400.00	6,840.00	8,480.39	6,840.00	77.05	79.57	90.00	2,105.12	-3,140.05	330.06	188.27	141.79	2.328		
8,500.00	6,840.00	8,580.39	6,840.00	79.18	81.62	90.00	2,105.55	-3,240.05	330.06	183.60	146.46	2.254		
8,600.00	6,840.00	8,680.39	6,840.00	81.34	83.71	90.00	2,105.99	-3,340.05	330.06	178.88	151.18	2.183		
8,700.00	6,840.00	8,780.39	6,840.00	83.54	85.83	90.00	2,106.43	-3,440.05	330.06	174.11	155.95	2.117		
8,800.00	6,840.00	8,880.39	6,840.00	85.76	87.98	90.00	2,106.87	-3,540.05	330.06	169.30	160.76	2.053		
8,900.00	6,840.00	8,980.39	6,840.00	88.02	90.17	90.00	2,107.30	-3,640.05	330.06	164.45	165.61	1.993		
9,000.00	6,840.00	9,080.39	6,840.00	90.30	92.39	90.00	2,107.74	-3,740.05	330.06	159.57	170.49	1.936		
9,100.00	6,840.00	9,180.39	6,840.00	92.60	94.63	90.00	2,108.18	-3,840.05	330.06	154.65	175.41	1.882		
9,200.00	6,840.00	9,280.39	6,840.00	94.93	96.89	90.00	2,108.62	-3,940.04	330.06	149.70	180.36	1.830		
9,300.00	6,840.00	9,380.39	6,840.00	97.28	99.18	90.00	2,109.05	-4,040.04	330.06	144.73	185.33	1.781		
9,400.00	6,840.00	9,480.39	6,840.00	99.65	101.50	90.00	2,109.49	-4,140.04	330.06	139.73	190.33	1.734		
9,500.00	6,840.00	9,580.39	6,840.00	102.03	103.83	90.00	2,109.93	-4,240.04	330.06	134.70	195.36	1.690		
9,600.00	6,840.00	9,680.39	6,840.00	104.43	106.18	90.00	2,110.37	-4,340.04	330.06	129.66	200.40	1.647		
9,700.00	6,840.00	9,780.39	6,840.00	106.85	108.55	90.00	2,110.80	-4,440.04	330.06	124.59	205.47	1.606		
9,800.00	6,840.00	9,880.39	6,840.00	109.29	110.94	90.00	2,111.24	-4,540.04	330.06	119.51	210.55	1.568		
9,900.00	6,840.00	9,980.39	6,840.00	111.73	113.34	90.00	2,111.68	-4,640.04	330.06	114.40	215.66	1.530		
10,000.00	6,840.00	10,080.39	6,840.00	114.19	115.76	90.00	2,112.11	-4,740.04	330.06	109.29	220.77	1.495 Level 3		
10,100.00	6,840.00	10,180.39	6,840.00	116.66	118.19	90.00	2,112.55	-4,840.04	330.06	104.15	225.91	1.461 Level 3		
10,200.00	6,840.00	10,280.39	6,840.00	119.15	120.63	90.00	2,112.99	-4,940.04	330.06	99.01	231.05	1.428 Level 3		
10,300.00	6,840.00	10,380.39	6,840.00	121.64	123.09	90.00	2,113.43	-5,040.03	330.06	93.85	236.21	1.397 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,840.00	10,480.39	6,840.00	124.14	125.56	90.00	2,113.86	-5,140.03	330.06	88.67	241.39	1.367	Level 3	
10,500.00	6,840.00	10,580.39	6,840.00	126.65	128.03	90.00	2,114.30	-5,240.03	330.06	83.49	246.57	1.339	Level 3	
10,600.00	6,840.00	10,680.39	6,840.00	129.18	130.52	90.00	2,114.74	-5,340.03	330.06	78.29	251.77	1.311	Level 3	
10,700.00	6,840.00	10,780.39	6,840.00	131.70	133.02	90.00	2,115.18	-5,440.03	330.06	73.09	256.97	1.284	Level 3	
10,800.00	6,840.00	10,880.39	6,840.00	134.24	135.53	90.00	2,115.61	-5,540.03	330.06	67.87	262.18	1.259	Level 3	
10,900.00	6,840.00	10,980.39	6,840.00	136.79	138.04	90.00	2,116.05	-5,640.03	330.06	62.65	267.41	1.234	Level 2	
11,000.00	6,840.00	11,080.39	6,840.00	139.34	140.56	90.00	2,116.49	-5,740.03	330.06	57.42	272.64	1.211	Level 2	
11,100.00	6,840.00	11,180.39	6,840.00	141.90	143.09	90.00	2,116.93	-5,840.03	330.06	52.18	277.88	1.188	Level 2	
11,200.00	6,840.00	11,280.39	6,840.00	144.46	145.63	90.00	2,117.36	-5,940.03	330.06	46.93	283.13	1.166	Level 2	
11,300.00	6,840.00	11,380.39	6,840.00	147.03	148.18	90.00	2,117.80	-6,040.02	330.06	41.68	288.38	1.145	Level 2	
11,400.00	6,840.00	11,480.39	6,840.00	149.60	150.73	90.00	2,118.24	-6,140.02	330.06	36.42	293.64	1.124	Level 2	
11,500.00	6,840.00	11,580.39	6,840.00	152.18	153.28	90.00	2,118.68	-6,240.02	330.06	31.15	298.91	1.104	Level 2	
11,600.00	6,840.00	11,680.39	6,840.00	154.77	155.85	90.00	2,119.11	-6,340.02	330.06	25.88	304.18	1.085	Level 2	
11,700.00	6,840.00	11,780.39	6,840.00	157.36	158.42	90.00	2,119.55	-6,440.02	330.06	20.60	309.46	1.067	Level 2	
11,800.00	6,840.00	11,880.39	6,840.00	159.95	160.99	90.00	2,119.99	-6,540.02	330.06	15.31	314.75	1.049	Level 2	
11,900.00	6,840.00	11,980.39	6,840.00	162.55	163.57	90.00	2,120.43	-6,640.02	330.06	10.02	320.04	1.031	Level 2	
12,000.00	6,840.00	12,080.39	6,840.00	165.16	166.15	90.00	2,120.86	-6,740.02	330.06	4.73	325.33	1.015	Level 2	
12,100.00	6,840.00	12,180.39	6,840.00	167.76	168.74	90.00	2,121.30	-6,840.02	330.06	-0.57	330.63	0.998	Level 1	
12,200.00	6,840.00	12,280.39	6,840.00	170.37	171.33	90.00	2,121.74	-6,940.02	330.06	-5.88	335.94	0.983	Level 1	
12,300.00	6,840.00	12,380.39	6,840.00	172.99	173.93	90.00	2,122.18	-7,040.02	330.06	-11.19	341.25	0.967	Level 1	
12,400.00	6,840.00	12,480.39	6,840.00	175.60	176.53	90.00	2,122.61	-7,140.01	330.06	-16.50	346.56	0.952	Level 1	
12,500.00	6,840.00	12,580.39	6,840.00	178.23	179.13	90.00	2,123.05	-7,240.01	330.06	-21.82	351.87	0.938	Level 1	
12,600.00	6,840.00	12,680.39	6,840.00	180.85	181.74	90.00	2,123.49	-7,340.01	330.06	-27.14	357.19	0.924	Level 1	
12,700.00	6,840.00	12,780.39	6,840.00	183.47	184.35	90.00	2,123.93	-7,440.01	330.06	-32.46	362.52	0.910	Level 1	
12,800.00	6,840.00	12,880.39	6,840.00	186.10	186.96	90.00	2,124.36	-7,540.01	330.06	-37.79	367.85	0.897	Level 1	
12,900.00	6,840.00	12,980.39	6,840.00	188.74	189.58	90.00	2,124.80	-7,640.01	330.06	-43.12	373.18	0.884	Level 1	
13,000.00	6,840.00	13,080.39	6,840.00	191.37	192.20	90.00	2,125.24	-7,740.01	330.06	-48.45	378.51	0.872	Level 1	
13,100.00	6,840.00	13,180.39	6,840.00	194.01	194.82	90.00	2,125.68	-7,840.01	330.06	-53.79	383.85	0.860	Level 1	
13,200.00	6,840.00	13,280.39	6,840.00	196.65	197.45	90.00	2,126.11	-7,940.01	330.06	-59.13	389.18	0.848	Level 1	
13,300.00	6,840.00	13,380.39	6,840.00	199.29	200.07	90.00	2,126.55	-8,040.01	330.06	-64.47	394.53	0.837	Level 1	
13,400.00	6,840.00	13,480.39	6,840.00	201.93	202.71	90.00	2,126.99	-8,140.00	330.06	-69.81	399.87	0.825	Level 1	
13,500.00	6,840.00	13,580.39	6,840.00	204.58	205.34	90.00	2,127.43	-8,240.00	330.06	-75.16	405.22	0.815	Level 1	
13,600.00	6,840.00	13,680.39	6,840.00	207.22	207.97	90.00	2,127.86	-8,340.00	330.06	-80.51	410.57	0.804	Level 1	
13,700.00	6,840.00	13,780.39	6,840.00	209.87	210.61	90.00	2,128.30	-8,440.00	330.06	-85.86	415.92	0.794	Level 1	
13,800.00	6,840.00	13,880.39	6,840.00	212.52	213.25	90.00	2,128.74	-8,540.00	330.06	-91.22	421.27	0.783	Level 1	
13,900.00	6,840.00	13,980.39	6,840.00	215.18	215.89	90.00	2,129.18	-8,640.00	330.06	-96.57	426.63	0.774	Level 1	
14,000.00	6,840.00	14,080.39	6,840.00	217.83	218.54	90.00	2,129.61	-8,740.00	330.06	-101.93	431.99	0.764	Level 1	
14,100.00	6,840.00	14,180.39	6,840.00	220.49	221.18	90.00	2,130.05	-8,840.00	330.06	-107.29	437.35	0.755	Level 1	
14,200.00	6,840.00	14,280.39	6,840.00	223.15	223.83	90.00	2,130.49	-8,940.00	330.06	-112.65	442.71	0.746	Level 1	
14,300.00	6,840.00	14,380.39	6,840.00	225.81	226.48	90.00	2,130.92	-9,040.00	330.06	-118.02	448.08	0.737	Level 1	
14,400.00	6,840.00	14,480.39	6,840.00	228.47	229.13	90.00	2,131.36	-9,140.00	330.06	-123.38	453.44	0.728	Level 1	
14,500.00	6,840.00	14,580.39	6,840.00	231.13	231.78	90.00	2,131.80	-9,239.99	330.06	-128.75	458.81	0.719	Level 1	
14,600.00	6,840.00	14,680.39	6,840.00	233.79	234.44	90.00	2,132.24	-9,339.99	330.06	-134.12	464.18	0.711	Level 1	
14,700.00	6,840.00	14,780.39	6,840.00	236.46	237.09	90.00	2,132.67	-9,439.99	330.06	-139.49	469.55	0.703	Level 1	
14,800.00	6,840.00	14,880.39	6,840.00	239.12	239.75	90.00	2,133.11	-9,539.99	330.06	-144.86	474.92	0.695	Level 1	
14,900.00	6,840.00	14,980.39	6,840.00	241.79	242.41	90.00	2,133.55	-9,639.99	330.06	-150.24	480.30	0.687	Level 1	
15,000.00	6,840.00	15,080.39	6,840.00	244.46	245.07	90.00	2,133.99	-9,739.99	330.06	-155.61	485.67	0.680	Level 1	
15,100.00	6,840.00	15,180.39	6,840.00	247.13	247.73	90.00	2,134.42	-9,839.99	330.06	-160.99	491.05	0.672	Level 1	
15,200.00	6,840.00	15,280.39	6,840.00	249.80	250.39	90.00	2,134.86	-9,939.99	330.06	-166.37	496.43	0.665	Level 1	
15,300.00	6,840.00	15,380.39	6,840.00	252.47	253.06	90.00	2,135.30	-10,039.99	330.06	-171.75	501.81	0.658	Level 1	
15,400.00	6,840.00	15,480.39	6,840.00	255.15	255.72	90.00	2,135.74	-10,139.99	330.06	-177.13	507.19	0.651	Level 1	
15,500.00	6,840.00	15,580.39	6,840.00	257.82	258.39	90.00	2,136.17	-10,239.98	330.06	-182.51	512.57	0.644	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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-25-03 - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,840.00	15,680.39	6,840.00	260.50	261.06	90.00	2,136.61	-10,339.98	330.06	-187.90	517.95	0.637	Level 1	
15,700.00	6,840.00	15,780.39	6,840.00	263.17	263.73	90.00	2,137.05	-10,439.98	330.06	-193.28	523.34	0.631	Level 1	
15,800.00	6,840.00	15,880.39	6,840.00	265.85	266.40	90.00	2,137.49	-10,539.98	330.06	-198.67	528.72	0.624	Level 1	
15,900.00	6,840.00	15,980.39	6,840.00	268.53	269.07	90.00	2,137.92	-10,639.98	330.06	-204.05	534.11	0.618	Level 1	
16,000.00	6,840.00	16,080.39	6,840.00	271.20	271.74	90.00	2,138.36	-10,739.98	330.06	-209.44	539.50	0.612	Level 1	
16,100.00	6,840.00	16,180.39	6,840.00	273.88	274.41	90.00	2,138.80	-10,839.98	330.06	-214.83	544.89	0.606	Level 1	
16,200.00	6,840.00	16,280.39	6,840.00	276.56	277.09	90.00	2,139.24	-10,939.98	330.06	-220.22	550.28	0.600	Level 1	
16,300.00	6,840.00	16,380.39	6,840.00	279.25	279.76	90.00	2,139.67	-11,039.98	330.06	-225.61	555.67	0.594	Level 1	
16,400.00	6,840.00	16,480.39	6,840.00	281.93	282.44	90.00	2,140.11	-11,139.98	330.06	-231.00	561.06	0.588	Level 1	
16,500.00	6,840.00	16,580.39	6,840.00	284.61	285.11	90.00	2,140.55	-11,239.98	330.06	-236.39	566.45	0.583	Level 1	
16,600.00	6,840.00	16,680.39	6,840.00	287.29	287.79	90.00	2,140.99	-11,339.97	330.06	-241.79	571.84	0.577	Level 1	
16,700.00	6,840.00	16,780.39	6,840.00	289.98	290.47	90.00	2,141.42	-11,439.97	330.06	-247.18	577.24	0.572	Level 1	
16,800.00	6,840.00	16,880.39	6,840.00	292.66	293.15	90.00	2,141.86	-11,539.97	330.06	-252.58	582.63	0.566	Level 1	
16,900.00	6,840.00	16,980.39	6,840.00	295.35	295.83	90.00	2,142.30	-11,639.97	330.06	-257.97	588.03	0.561	Level 1	
17,000.00	6,840.00	17,080.39	6,840.00	298.03	298.51	90.00	2,142.74	-11,739.97	330.06	-263.37	593.43	0.556	Level 1	
17,100.00	6,840.00	17,180.39	6,840.00	300.72	301.19	90.00	2,143.17	-11,839.97	330.06	-268.77	598.82	0.551	Level 1	
17,200.00	6,840.00	17,280.39	6,840.00	303.41	303.87	90.00	2,143.61	-11,939.97	330.06	-274.17	604.22	0.546	Level 1	
17,300.00	6,840.00	17,380.39	6,840.00	306.09	306.55	90.00	2,144.05	-12,039.97	330.06	-279.57	609.62	0.541	Level 1	
17,400.00	6,840.00	17,480.39	6,840.00	308.78	309.23	90.00	2,144.49	-12,139.97	330.06	-284.96	615.02	0.537	Level 1	
17,500.00	6,840.00	17,580.39	6,840.00	311.47	311.92	90.00	2,144.92	-12,239.97	330.06	-290.37	620.42	0.532	Level 1	
17,600.00	6,840.00	17,680.39	6,840.00	314.16	314.60	90.00	2,145.36	-12,339.96	330.06	-295.77	625.82	0.527	Level 1	
17,700.00	6,840.00	17,780.39	6,840.00	316.85	317.29	90.00	2,145.80	-12,439.96	330.06	-301.17	631.23	0.523	Level 1	
17,800.00	6,840.00	17,880.39	6,840.00	319.54	319.97	90.00	2,146.24	-12,539.96	330.06	-306.57	636.63	0.518	Level 1	
17,900.00	6,840.00	17,980.39	6,840.00	322.23	322.66	90.00	2,146.67	-12,639.96	330.06	-311.97	642.03	0.514	Level 1	
18,000.00	6,840.00	18,080.39	6,840.00	324.92	325.35	90.00	2,147.11	-12,739.96	330.06	-317.38	647.44	0.510	Level 1	
18,100.00	6,840.00	18,180.39	6,840.00	327.62	328.03	90.00	2,147.55	-12,839.96	330.06	-322.78	652.84	0.506	Level 1	
18,200.00	6,840.00	18,280.39	6,840.00	330.31	330.72	90.00	2,147.99	-12,939.96	330.06	-328.19	658.24	0.501	Level 1	
18,300.00	6,840.00	18,380.39	6,840.00	333.00	333.41	90.00	2,148.42	-13,039.96	330.06	-333.59	663.65	0.497	Level 1	
18,400.00	6,840.00	18,480.39	6,840.00	335.70	336.10	90.00	2,148.86	-13,139.96	330.06	-339.00	669.06	0.493	Level 1	
18,500.00	6,840.00	18,580.39	6,840.00	338.39	338.79	90.00	2,149.30	-13,239.96	330.06	-344.41	674.46	0.489	Level 1	
18,600.00	6,840.00	18,680.39	6,840.00	341.08	341.48	90.00	2,149.74	-13,339.96	330.06	-349.81	679.87	0.485	Level 1	
18,700.00	6,840.00	18,780.39	6,840.00	343.78	344.17	90.00	2,150.17	-13,439.95	330.06	-355.22	685.28	0.482	Level 1	
18,800.00	6,840.00	18,880.39	6,840.00	346.47	346.86	90.00	2,150.61	-13,539.95	330.06	-360.63	690.69	0.478	Level 1	
18,900.00	6,840.00	18,980.39	6,840.00	349.17	349.55	90.00	2,151.05	-13,639.95	330.06	-366.04	696.09	0.474	Level 1	
19,000.00	6,840.00	19,080.39	6,840.00	351.86	352.24	90.00	2,151.48	-13,739.95	330.06	-371.45	701.50	0.470	Level 1	
19,100.00	6,840.00	19,180.39	6,840.00	354.56	354.94	90.00	2,151.92	-13,839.95	330.06	-376.86	706.91	0.467	Level 1	
19,200.00	6,840.00	19,280.39	6,840.00	357.26	357.63	90.00	2,152.36	-13,939.95	330.06	-382.27	712.32	0.463	Level 1	
19,300.00	6,840.00	19,380.39	6,840.00	359.95	360.32	90.00	2,152.80	-14,039.95	330.06	-387.68	717.73	0.460	Level 1	
19,400.00	6,840.00	19,480.39	6,840.00	362.65	363.02	90.00	2,153.23	-14,139.95	330.06	-393.09	723.14	0.456	Level 1	
19,500.00	6,840.00	19,580.39	6,840.00	365.35	365.71	90.00	2,153.67	-14,239.95	330.06	-398.50	728.56	0.453	Level 1	
19,600.00	6,840.00	19,680.39	6,840.00	368.05	368.40	90.00	2,154.11	-14,339.95	330.06	-403.91	733.97	0.450	Level 1	
19,700.00	6,840.00	19,780.39	6,840.00	370.74	371.10	90.00	2,154.55	-14,439.94	330.06	-409.32	739.38	0.446	Level 1	
19,800.00	6,840.00	19,880.39	6,840.00	373.44	373.79	90.00	2,154.98	-14,539.94	330.06	-414.73	744.79	0.443	Level 1	
19,900.00	6,840.00	19,980.39	6,840.00	376.14	376.49	90.00	2,155.42	-14,639.94	330.06	-420.15	750.20	0.440	Level 1	
20,000.00	6,840.00	20,080.39	6,840.00	378.84	379.18	90.00	2,155.86	-14,739.94	330.06	-425.56	755.62	0.437	Level 1	
20,100.00	6,840.00	20,180.39	6,840.00	381.54	381.88	90.00	2,156.30	-14,839.94	330.06	-430.97	761.03	0.434	Level 1	
20,200.00	6,840.00	20,280.39	6,840.00	384.24	384.58	90.00	2,156.73	-14,939.94	330.06	-436.39	766.45	0.431	Level 1	
20,300.00	6,840.00	20,380.39	6,840.00	386.94	387.27	90.00	2,157.17	-15,039.94	330.06	-441.80	771.86	0.428	Level 1	
20,400.00	6,840.00	20,480.39	6,840.00	389.64	389.97	90.00	2,157.61	-15,139.94	330.06	-447.22	777.27	0.425	Level 1	
20,500.00	6,840.00	20,580.39	6,840.00	392.34	392.67	90.00	2,158.05	-15,239.94	330.06	-452.63	782.69	0.422	Level 1	
20,600.00	6,840.00	20,680.39	6,840.00	395.04	395.37	90.00	2,158.48	-15,339.94	330.06	-458.05	788.11	0.419	Level 1	
20,609.76	6,840.00	20,690.15	6,840.00	395.31	395.63	90.00	2,158.53	-15,349.69	330.06	-458.58	788.63	0.419	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-22.59	0.00	22.59					
100.00	100.00	100.00	100.00	0.13	0.13	180.00	-22.59	0.00	22.59	22.32	0.27	84.012		
200.00	200.00	200.00	200.00	0.49	0.49	180.00	-22.59	0.00	22.59	21.60	0.99	22.912		
300.00	300.00	300.00	300.00	0.85	0.85	180.00	-22.59	0.00	22.59	20.88	1.70	13.265		
400.00	400.00	400.00	400.00	1.21	1.21	180.00	-22.59	0.00	22.59	20.17	2.42	9.335 CC		
500.00	499.98	499.98	499.98	1.57	1.57	-133.91	-22.59	0.00	23.76	20.63	3.13	7.581		
600.00	599.84	600.50	600.48	1.93	1.93	-139.12	-21.57	-1.44	26.41	22.56	3.85	6.861		
700.00	699.45	701.14	700.97	2.29	2.29	-142.83	-18.50	-5.75	29.43	24.86	4.57	6.443		
800.00	798.70	801.90	801.34	2.67	2.65	-145.35	-13.38	-12.96	32.72	27.43	5.29	6.181		
900.00	897.47	902.77	901.45	3.07	3.03	-146.95	-6.22	-23.04	36.24	30.20	6.03	6.007		
1,000.00	995.62	1,003.76	1,001.17	3.50	3.44	-147.85	3.00	-36.02	39.93	33.14	6.79	5.882		
1,100.00	1,093.06	1,104.87	1,100.38	3.97	3.87	-148.21	14.26	-51.86	43.78	36.21	7.57	5.786		
1,200.00	1,189.64	1,206.08	1,198.95	4.47	4.33	-148.16	27.55	-70.58	47.78	39.40	8.38	5.705		
1,300.00	1,285.27	1,307.40	1,296.75	5.01	4.83	-147.79	42.87	-92.14	51.92	42.70	9.23	5.628		
1,400.00	1,379.82	1,408.82	1,393.65	5.61	5.38	-147.18	60.20	-116.54	56.21	46.08	10.13	5.550		
1,500.00	1,473.17	1,510.34	1,489.53	6.25	5.98	-146.37	79.53	-143.74	60.64	49.55	11.09	5.467		
1,600.00	1,565.21	1,611.97	1,584.26	6.96	6.64	-145.42	100.83	-173.73	65.22	53.09	12.13	5.377		
1,700.00	1,656.01	1,713.23	1,677.33	7.72	7.35	-144.25	123.93	-206.24	69.72	56.45	13.27	5.255		
1,800.00	1,746.60	1,813.13	1,768.76	8.50	8.09	-142.98	147.24	-239.06	73.88	59.38	14.50	5.094		
1,900.00	1,837.19	1,913.03	1,860.19	9.30	8.85	-141.84	170.56	-271.89	78.07	62.29	15.78	4.948		
2,000.00	1,927.79	2,012.93	1,951.61	10.12	9.61	-140.81	193.88	-304.71	82.30	65.20	17.09	4.815		
2,100.00	2,018.38	2,112.83	2,043.04	10.93	10.39	-139.89	217.20	-337.53	86.54	68.11	18.43	4.696		
2,200.00	2,108.97	2,212.73	2,134.47	11.76	11.17	-139.05	240.52	-370.36	90.81	71.01	19.79	4.587		
2,300.00	2,199.56	2,312.63	2,225.90	12.59	11.96	-138.29	263.83	-403.18	95.09	73.91	21.18	4.490		
2,400.00	2,290.15	2,412.53	2,317.32	13.43	12.76	-137.59	287.15	-436.00	99.39	76.81	22.58	4.401		
2,500.00	2,380.75	2,512.43	2,408.75	14.26	13.56	-136.96	310.47	-468.83	103.70	79.70	24.00	4.321		
2,600.00	2,471.34	2,612.33	2,500.18	15.11	14.36	-136.37	333.79	-501.65	108.03	82.60	25.43	4.248		
2,700.00	2,561.93	2,712.23	2,591.61	15.95	15.17	-135.83	357.11	-534.47	112.36	85.49	26.87	4.182		
2,800.00	2,652.52	2,812.13	2,683.03	16.80	15.98	-135.33	380.42	-567.30	116.71	88.39	28.32	4.121		
2,900.00	2,743.12	2,912.03	2,774.46	17.64	16.79	-134.86	403.74	-600.12	121.06	91.28	29.78	4.065		
3,000.00	2,833.71	3,011.94	2,865.89	18.49	17.60	-134.43	427.06	-632.95	125.42	94.17	31.25	4.014		
3,100.00	2,924.30	3,111.84	2,957.32	19.35	18.42	-134.02	450.38	-665.77	129.79	97.07	32.72	3.967		
3,200.00	3,014.89	3,211.74	3,048.75	20.20	19.23	-133.64	473.70	-698.59	134.16	99.96	34.20	3.923		
3,300.00	3,105.48	3,311.64	3,140.17	21.05	20.05	-133.29	497.01	-731.42	138.54	102.86	35.68	3.883		
3,400.00	3,196.08	3,411.54	3,231.60	21.91	20.87	-132.96	520.33	-764.24	142.92	105.75	37.17	3.845		
3,500.00	3,286.67	3,511.44	3,323.03	22.76	21.69	-132.65	543.65	-797.06	147.31	108.65	38.66	3.810		
3,600.00	3,377.26	3,611.34	3,414.46	23.62	22.51	-132.35	566.97	-829.89	151.70	111.54	40.16	3.778		
3,700.00	3,467.85	3,711.24	3,505.88	24.47	23.33	-132.07	590.29	-862.71	156.09	114.44	41.66	3.747		
3,800.00	3,558.45	3,811.14	3,597.31	25.33	24.15	-131.81	613.60	-895.53	160.49	117.34	43.16	3.719		
3,900.00	3,649.04	3,911.04	3,688.74	26.19	24.97	-131.56	636.92	-928.36	164.89	120.23	44.66	3.692		
4,000.00	3,739.63	4,010.94	3,780.17	27.05	25.80	-131.33	660.24	-961.18	169.30	123.13	46.17	3.667		
4,100.00	3,830.22	4,110.84	3,871.59	27.90	26.62	-131.10	683.56	-994.00	173.71	126.03	47.68	3.643		
4,200.00	3,920.81	4,210.74	3,963.02	28.76	27.44	-130.89	706.88	-1,026.83	178.12	128.93	49.19	3.621		
4,300.00	4,011.41	4,310.64	4,054.45	29.62	28.27	-130.69	730.19	-1,059.65	182.53	131.83	50.70	3.600		
4,400.00	4,102.00	4,410.54	4,145.88	30.48	29.09	-130.50	753.51	-1,092.47	186.95	134.73	52.22	3.580		
4,500.00	4,192.59	4,510.44	4,237.30	31.34	29.92	-130.31	776.83	-1,125.30	191.36	137.63	53.74	3.561		
4,600.00	4,283.18	4,610.34	4,328.73	32.20	30.74	-130.14	800.15	-1,158.12	195.78	140.53	55.26	3.543		
4,700.00	4,373.78	4,710.25	4,420.16	33.06	31.57	-129.97	823.46	-1,190.94	200.20	143.43	56.77	3.526		
4,800.00	4,464.37	4,810.15	4,511.59	33.92	32.39	-129.81	846.78	-1,223.77	204.62	146.33	58.30	3.510		
4,900.00	4,554.96	4,910.05	4,603.02	34.78	33.22	-129.65	870.10	-1,256.59	209.05	149.23	59.82	3.495		
5,000.00	4,645.55	5,009.95	4,694.44	35.64	34.05	-129.51	893.42	-1,289.42	213.47	152.13	61.34	3.480		
5,100.00	4,736.14	5,109.85	4,785.87	36.51	34.87	-129.37	916.74	-1,322.24	217.90	155.03	62.87	3.466		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	5,209.75	4,877.30	37.37	35.70	-129.23	940.05	-1,355.06	222.33	157.93	64.39	3.453		
5,300.00	4,917.33	5,309.65	4,968.73	38.23	36.53	-129.10	963.37	-1,387.89	226.75	160.84	65.92	3.440		
5,400.00	5,007.92	5,409.55	5,060.15	39.09	37.35	-128.97	986.69	-1,420.71	231.18	163.74	67.44	3.428		
5,500.00	5,098.51	5,509.45	5,151.58	39.95	38.18	-128.85	1,010.01	-1,453.53	235.61	166.64	68.97	3.416		
5,600.00	5,189.11	5,609.35	5,243.01	40.81	39.01	-128.74	1,033.33	-1,486.36	240.05	169.55	70.50	3.405		
5,700.00	5,279.70	5,709.25	5,334.44	41.68	39.84	-128.63	1,056.64	-1,519.18	244.48	172.45	72.03	3.394		
5,800.00	5,370.29	5,809.15	5,425.86	42.54	40.66	-128.52	1,079.96	-1,552.00	248.91	175.36	73.56	3.384		
5,900.00	5,460.88	5,909.05	5,517.29	43.40	41.49	-128.41	1,103.28	-1,584.83	253.35	178.26	75.09	3.374		
6,000.00	5,551.47	6,008.95	5,608.72	44.26	42.32	-128.31	1,126.60	-1,617.65	257.78	181.16	76.62	3.364		
6,100.00	5,642.07	6,108.85	5,700.15	45.13	43.15	-128.21	1,149.92	-1,650.47	262.22	184.07	78.15	3.355		
6,200.00	5,732.66	6,208.75	5,791.57	45.99	43.98	-128.12	1,173.23	-1,683.30	266.66	186.97	79.68	3.346		
6,300.00	5,823.25	6,308.65	5,883.00	46.85	44.80	-128.03	1,196.55	-1,716.12	271.09	189.88	81.22	3.338		
6,400.00	5,913.84	6,408.56	5,974.43	47.72	45.63	-127.94	1,219.87	-1,748.94	275.53	192.79	82.75	3.330		
6,500.00	6,004.44	6,508.46	6,065.86	48.58	46.46	-127.86	1,243.19	-1,781.77	279.97	195.69	84.28	3.322		
6,600.00	6,095.03	6,608.36	6,157.29	49.44	47.29	-127.77	1,266.51	-1,814.59	284.41	198.60	85.81	3.314		
6,700.00	6,185.62	6,708.26	6,248.71	50.30	48.12	-127.69	1,289.82	-1,847.41	288.85	201.50	87.35	3.307		
6,800.00	6,276.21	6,808.16	6,340.14	51.17	48.95	-127.62	1,313.14	-1,880.24	293.29	204.41	88.88	3.300		
6,900.00	6,366.80	6,908.06	6,431.57	52.03	49.78	-127.54	1,336.46	-1,913.06	297.73	207.32	90.42	3.293		
7,000.00	6,457.40	7,005.12	6,519.38	52.89	50.63	-126.92	1,358.87	-1,947.66	302.45	210.15	92.31	3.277		
7,100.00	6,545.60	7,098.52	6,597.96	53.85	51.65	-114.32	1,378.99	-1,993.76	308.11	212.85	95.26	3.234		
7,200.00	6,626.13	7,190.29	6,667.08	55.05	52.88	-105.24	1,396.76	-2,051.30	313.64	215.40	98.24	3.193		
7,300.00	6,696.49	7,280.74	6,725.63	56.46	54.26	-99.21	1,411.89	-2,118.42	318.71	217.59	101.11	3.152		
7,400.00	6,754.56	7,370.11	6,772.72	58.05	55.76	-95.10	1,424.16	-2,193.28	323.05	219.22	103.82	3.111		
7,500.00	6,798.57	7,458.67	6,807.70	59.78	57.36	-92.36	1,433.38	-2,274.02	326.43	220.08	106.35	3.069		
7,600.00	6,827.18	7,546.68	6,830.09	61.58	59.01	-90.72	1,439.42	-2,358.83	328.67	219.98	108.68	3.024		
7,700.00	6,839.51	7,634.38	6,839.64	63.39	60.67	-90.03	1,442.22	-2,445.87	329.65	218.79	110.86	2.974		
7,800.00	6,840.00	7,731.46	6,840.00	65.19	62.51	-90.00	1,442.74	-2,542.94	329.70	215.15	114.54	2.878		
7,900.00	6,840.00	7,831.46	6,840.00	67.04	64.45	-90.00	1,443.18	-2,642.94	329.70	210.90	118.80	2.775		
8,000.00	6,840.00	7,931.46	6,840.00	68.95	66.44	-90.00	1,443.62	-2,742.94	329.70	206.55	123.15	2.677		
8,100.00	6,840.00	8,031.46	6,840.00	70.91	68.49	-90.00	1,444.05	-2,842.94	329.70	202.12	127.58	2.584		
8,200.00	6,840.00	8,131.46	6,840.00	72.91	70.57	-90.00	1,444.49	-2,942.94	329.70	197.61	132.09	2.496		
8,300.00	6,840.00	8,231.46	6,840.00	74.96	72.70	-90.00	1,444.93	-3,042.94	329.70	193.03	136.66	2.412		
8,400.00	6,840.00	8,331.46	6,840.00	77.05	74.87	-90.00	1,445.37	-3,142.94	329.70	188.40	141.30	2.333		
8,500.00	6,840.00	8,431.46	6,840.00	79.18	77.07	-90.00	1,445.80	-3,242.94	329.70	183.70	145.99	2.258		
8,600.00	6,840.00	8,531.46	6,840.00	81.34	79.30	-90.00	1,446.24	-3,342.94	329.70	178.96	150.73	2.187		
8,700.00	6,840.00	8,631.46	6,840.00	83.54	81.56	-90.00	1,446.68	-3,442.94	329.70	174.17	155.52	2.120		
8,800.00	6,840.00	8,731.46	6,840.00	85.76	83.85	-90.00	1,447.12	-3,542.93	329.70	169.34	160.35	2.056		
8,900.00	6,840.00	8,831.46	6,840.00	88.02	86.17	-90.00	1,447.55	-3,642.93	329.70	164.48	165.22	1.996		
9,000.00	6,840.00	8,931.46	6,840.00	90.30	88.51	-90.00	1,447.99	-3,742.93	329.70	159.57	170.12	1.938		
9,100.00	6,840.00	9,031.46	6,840.00	92.60	90.87	-90.00	1,448.43	-3,842.93	329.70	154.64	175.06	1.883		
9,200.00	6,840.00	9,131.46	6,840.00	94.93	93.25	-90.00	1,448.87	-3,942.93	329.70	149.68	180.02	1.831		
9,300.00	6,840.00	9,231.46	6,840.00	97.28	95.65	-90.00	1,449.30	-4,042.93	329.70	144.69	185.01	1.782		
9,400.00	6,840.00	9,331.46	6,840.00	99.65	98.06	-90.00	1,449.74	-4,142.93	329.70	139.67	190.02	1.735		
9,500.00	6,840.00	9,431.46	6,840.00	102.03	100.50	-90.00	1,450.18	-4,242.93	329.70	134.63	195.06	1.690		
9,600.00	6,840.00	9,531.46	6,840.00	104.43	102.94	-90.00	1,450.62	-4,342.93	329.70	129.58	200.12	1.647		
9,700.00	6,840.00	9,631.46	6,840.00	106.85	105.40	-90.00	1,451.05	-4,442.93	329.70	124.50	205.20	1.607		
9,800.00	6,840.00	9,731.46	6,840.00	109.29	107.88	-90.00	1,451.49	-4,542.93	329.70	119.40	210.29	1.568		
9,900.00	6,840.00	9,831.46	6,840.00	111.73	110.36	-90.00	1,451.93	-4,642.92	329.70	114.29	215.41	1.531		
10,000.00	6,840.00	9,931.46	6,840.00	114.19	112.86	-90.00	1,452.37	-4,742.92	329.70	109.16	220.53	1.495 Level 3		
10,100.00	6,840.00	10,031.46	6,840.00	116.66	115.37	-90.00	1,452.80	-4,842.92	329.70	104.02	225.68	1.461 Level 3		
10,200.00	6,840.00	10,131.46	6,840.00	119.15	117.88	-90.00	1,453.24	-4,942.92	329.70	98.86	230.83	1.428 Level 3		
10,300.00	6,840.00	10,231.46	6,840.00	121.64	120.41	-90.00	1,453.68	-5,042.92	329.70	93.69	236.00	1.397 Level 3		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,331.46	6,840.00	124.14	122.94	-90.00	1,454.12	-5,142.92	329.70	88.51	241.18	1.367	Level 3	
10,500.00	6,840.00	10,431.46	6,840.00	126.65	125.48	-90.00	1,454.55	-5,242.92	329.70	83.32	246.38	1.338	Level 3	
10,600.00	6,840.00	10,531.46	6,840.00	129.18	128.03	-90.00	1,454.99	-5,342.92	329.70	78.11	251.58	1.310	Level 3	
10,700.00	6,840.00	10,631.46	6,840.00	131.70	130.59	-90.00	1,455.43	-5,442.92	329.70	72.90	256.79	1.284	Level 3	
10,800.00	6,840.00	10,731.46	6,840.00	134.24	133.15	-90.00	1,455.87	-5,542.92	329.69	67.68	262.01	1.258	Level 3	
10,900.00	6,840.00	10,831.46	6,840.00	136.79	135.72	-90.00	1,456.30	-5,642.91	329.69	62.45	267.25	1.234	Level 2	
11,000.00	6,840.00	10,931.46	6,840.00	139.34	138.30	-90.00	1,456.74	-5,742.91	329.69	57.21	272.48	1.210	Level 2	
11,100.00	6,840.00	11,031.46	6,840.00	141.90	140.88	-90.00	1,457.18	-5,842.91	329.69	51.96	277.73	1.187	Level 2	
11,200.00	6,840.00	11,131.46	6,840.00	144.46	143.46	-90.00	1,457.62	-5,942.91	329.69	46.71	282.98	1.165	Level 2	
11,300.00	6,840.00	11,231.46	6,840.00	147.03	146.06	-90.00	1,458.05	-6,042.91	329.69	41.45	288.24	1.144	Level 2	
11,400.00	6,840.00	11,331.46	6,840.00	149.60	148.65	-90.00	1,458.49	-6,142.91	329.69	36.18	293.51	1.123	Level 2	
11,500.00	6,840.00	11,431.46	6,840.00	152.18	151.25	-90.00	1,458.93	-6,242.91	329.69	30.91	298.79	1.103	Level 2	
11,600.00	6,840.00	11,531.46	6,840.00	154.77	153.86	-90.00	1,459.37	-6,342.91	329.69	25.63	304.06	1.084	Level 2	
11,700.00	6,840.00	11,631.46	6,840.00	157.36	156.47	-90.00	1,459.80	-6,442.91	329.69	20.35	309.35	1.066	Level 2	
11,800.00	6,840.00	11,731.46	6,840.00	159.95	159.08	-90.00	1,460.24	-6,542.91	329.69	15.06	314.64	1.048	Level 2	
11,900.00	6,840.00	11,831.46	6,840.00	162.55	161.70	-90.00	1,460.68	-6,642.91	329.69	9.76	319.93	1.031	Level 2	
12,000.00	6,840.00	11,931.46	6,840.00	165.16	164.31	-90.00	1,461.12	-6,742.90	329.69	4.46	325.23	1.014	Level 2	
12,100.00	6,840.00	12,031.46	6,840.00	167.76	166.94	-90.00	1,461.55	-6,842.90	329.69	-0.84	330.54	0.997	Level 1	
12,200.00	6,840.00	12,131.46	6,840.00	170.37	169.56	-90.00	1,461.99	-6,942.90	329.69	-6.15	335.85	0.982	Level 1	
12,300.00	6,840.00	12,231.46	6,840.00	172.99	172.19	-90.00	1,462.43	-7,042.90	329.69	-11.47	341.16	0.966	Level 1	
12,400.00	6,840.00	12,331.46	6,840.00	175.60	174.82	-90.00	1,462.87	-7,142.90	329.69	-16.78	346.48	0.952	Level 1	
12,500.00	6,840.00	12,431.46	6,840.00	178.23	177.46	-90.00	1,463.30	-7,242.90	329.69	-22.10	351.80	0.937	Level 1	
12,600.00	6,840.00	12,531.46	6,840.00	180.85	180.10	-90.00	1,463.74	-7,342.90	329.69	-27.43	357.12	0.923	Level 1	
12,700.00	6,840.00	12,631.46	6,840.00	183.47	182.74	-90.00	1,464.18	-7,442.90	329.69	-32.75	362.45	0.910	Level 1	
12,800.00	6,840.00	12,731.46	6,840.00	186.10	185.38	-90.00	1,464.62	-7,542.90	329.69	-38.09	367.78	0.896	Level 1	
12,900.00	6,840.00	12,831.46	6,840.00	188.74	188.02	-90.00	1,465.05	-7,642.90	329.69	-43.42	373.11	0.884	Level 1	
13,000.00	6,840.00	12,931.46	6,840.00	191.37	190.67	-90.00	1,465.49	-7,742.89	329.69	-48.76	378.45	0.871	Level 1	
13,100.00	6,840.00	13,031.46	6,840.00	194.01	193.32	-90.00	1,465.93	-7,842.89	329.69	-54.10	383.79	0.859	Level 1	
13,200.00	6,840.00	13,131.46	6,840.00	196.65	195.97	-90.00	1,466.37	-7,942.89	329.69	-59.44	389.13	0.847	Level 1	
13,300.00	6,840.00	13,231.46	6,840.00	199.29	198.62	-90.00	1,466.80	-8,042.89	329.69	-64.78	394.48	0.836	Level 1	
13,400.00	6,840.00	13,331.46	6,840.00	201.93	201.28	-90.00	1,467.24	-8,142.89	329.69	-70.13	399.83	0.825	Level 1	
13,500.00	6,840.00	13,431.46	6,840.00	204.58	203.93	-90.00	1,467.68	-8,242.89	329.69	-75.48	405.18	0.814	Level 1	
13,600.00	6,840.00	13,531.46	6,840.00	207.22	206.59	-90.00	1,468.12	-8,342.89	329.69	-80.83	410.53	0.803	Level 1	
13,700.00	6,840.00	13,631.46	6,840.00	209.87	209.25	-90.00	1,468.55	-8,442.89	329.69	-86.19	415.88	0.793	Level 1	
13,800.00	6,840.00	13,731.46	6,840.00	212.52	211.91	-90.00	1,468.99	-8,542.89	329.69	-91.55	421.24	0.783	Level 1	
13,900.00	6,840.00	13,831.46	6,840.00	215.18	214.57	-90.00	1,469.43	-8,642.89	329.69	-96.91	426.60	0.773	Level 1	
14,000.00	6,840.00	13,931.46	6,840.00	217.83	217.24	-90.00	1,469.87	-8,742.89	329.69	-102.27	431.96	0.763	Level 1	
14,100.00	6,840.00	14,031.46	6,840.00	220.49	219.90	-90.00	1,470.30	-8,842.88	329.69	-107.63	437.32	0.754	Level 1	
14,200.00	6,840.00	14,131.46	6,840.00	223.15	222.57	-90.00	1,470.74	-8,942.88	329.69	-113.00	442.69	0.745	Level 1	
14,300.00	6,840.00	14,231.46	6,840.00	225.81	225.24	-90.00	1,471.18	-9,042.88	329.69	-118.36	448.06	0.736	Level 1	
14,400.00	6,840.00	14,331.46	6,840.00	228.47	227.91	-90.00	1,471.62	-9,142.88	329.69	-123.73	453.42	0.727	Level 1	
14,500.00	6,840.00	14,431.46	6,840.00	231.13	230.58	-90.00	1,472.05	-9,242.88	329.69	-129.10	458.79	0.719	Level 1	
14,600.00	6,840.00	14,531.46	6,840.00	233.79	233.25	-90.00	1,472.49	-9,342.88	329.69	-134.47	464.17	0.710	Level 1	
14,700.00	6,840.00	14,631.46	6,840.00	236.46	235.92	-90.00	1,472.93	-9,442.88	329.69	-139.85	469.54	0.702	Level 1	
14,800.00	6,840.00	14,731.46	6,840.00	239.12	238.60	-90.00	1,473.37	-9,542.88	329.69	-145.22	474.91	0.694	Level 1	
14,900.00	6,840.00	14,831.46	6,840.00	241.79	241.27	-90.00	1,473.80	-9,642.88	329.69	-150.60	480.29	0.686	Level 1	
15,000.00	6,840.00	14,931.46	6,840.00	244.46	243.95	-90.00	1,474.24	-9,742.88	329.69	-155.97	485.67	0.679	Level 1	
15,100.00	6,840.00	15,031.46	6,840.00	247.13	246.62	-90.00	1,474.68	-9,842.87	329.69	-161.35	491.05	0.671	Level 1	
15,200.00	6,840.00	15,131.46	6,840.00	249.80	249.30	-90.00	1,475.12	-9,942.87	329.69	-166.73	496.43	0.664	Level 1	
15,300.00	6,840.00	15,231.46	6,840.00	252.47	251.98	-90.00	1,475.55	-10,042.87	329.69	-172.12	501.81	0.657	Level 1	
15,400.00	6,840.00	15,331.46	6,840.00	255.15	254.66	-90.00	1,475.99	-10,142.87	329.69	-177.50	507.19	0.650	Level 1	
15,500.00	6,840.00	15,431.46	6,840.00	257.82	257.34	-90.00	1,476.43	-10,242.87	329.69	-182.88	512.58	0.643	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,531.46	6,840.00	260.50	260.02	-90.00	1,476.87	-10,342.87	329.69	-188.27	517.96	0.637	Level 1	
15,700.00	6,840.00	15,631.46	6,840.00	263.17	262.70	-90.00	1,477.30	-10,442.87	329.69	-193.65	523.35	0.630	Level 1	
15,800.00	6,840.00	15,731.46	6,840.00	265.85	265.39	-90.00	1,477.74	-10,542.87	329.69	-199.04	528.74	0.624	Level 1	
15,900.00	6,840.00	15,831.46	6,840.00	268.53	268.07	-90.00	1,478.18	-10,642.87	329.69	-204.43	534.12	0.617	Level 1	
16,000.00	6,840.00	15,931.46	6,840.00	271.20	270.75	-90.00	1,478.62	-10,742.87	329.69	-209.82	539.51	0.611	Level 1	
16,100.00	6,840.00	16,031.46	6,840.00	273.88	273.44	-90.00	1,479.05	-10,842.87	329.69	-215.21	544.90	0.605	Level 1	
16,200.00	6,840.00	16,131.46	6,840.00	276.56	276.13	-90.00	1,479.49	-10,942.86	329.69	-220.60	550.30	0.599	Level 1	
16,300.00	6,840.00	16,231.46	6,840.00	279.25	278.81	-90.00	1,479.93	-11,042.86	329.69	-225.99	555.69	0.593	Level 1	
16,400.00	6,840.00	16,331.46	6,840.00	281.93	281.50	-90.00	1,480.37	-11,142.86	329.69	-231.39	561.08	0.588	Level 1	
16,500.00	6,840.00	16,431.46	6,840.00	284.61	284.19	-90.00	1,480.80	-11,242.86	329.69	-236.78	566.48	0.582	Level 1	
16,600.00	6,840.00	16,531.46	6,840.00	287.29	286.88	-90.00	1,481.24	-11,342.86	329.69	-242.18	571.87	0.577	Level 1	
16,700.00	6,840.00	16,631.46	6,840.00	289.98	289.56	-90.00	1,481.68	-11,442.86	329.69	-247.57	577.27	0.571	Level 1	
16,800.00	6,840.00	16,731.46	6,840.00	292.66	292.25	-90.00	1,482.12	-11,542.86	329.69	-252.97	582.66	0.566	Level 1	
16,900.00	6,840.00	16,831.46	6,840.00	295.35	294.94	-90.00	1,482.55	-11,642.86	329.69	-258.37	588.06	0.561	Level 1	
17,000.00	6,840.00	16,931.46	6,840.00	298.03	297.63	-90.00	1,482.99	-11,742.86	329.69	-263.77	593.46	0.556	Level 1	
17,100.00	6,840.00	17,031.46	6,840.00	300.72	300.33	-90.00	1,483.43	-11,842.86	329.69	-269.16	598.86	0.551	Level 1	
17,200.00	6,840.00	17,131.46	6,840.00	303.41	303.02	-90.00	1,483.87	-11,942.85	329.69	-274.56	604.26	0.546	Level 1	
17,300.00	6,840.00	17,231.46	6,840.00	306.09	305.71	-90.00	1,484.30	-12,042.85	329.69	-279.97	609.66	0.541	Level 1	
17,400.00	6,840.00	17,331.46	6,840.00	308.78	308.40	-90.00	1,484.74	-12,142.85	329.69	-285.37	615.06	0.536	Level 1	
17,500.00	6,840.00	17,431.46	6,840.00	311.47	311.10	-90.00	1,485.18	-12,242.85	329.69	-290.77	620.46	0.531	Level 1	
17,600.00	6,840.00	17,531.46	6,840.00	314.16	313.79	-90.00	1,485.62	-12,342.85	329.69	-296.17	625.86	0.527	Level 1	
17,700.00	6,840.00	17,631.46	6,840.00	316.85	316.48	-90.00	1,486.05	-12,442.85	329.69	-301.57	631.27	0.522	Level 1	
17,800.00	6,840.00	17,731.46	6,840.00	319.54	319.18	-90.00	1,486.49	-12,542.85	329.69	-306.98	636.67	0.518	Level 1	
17,900.00	6,840.00	17,831.46	6,840.00	322.23	321.87	-90.00	1,486.93	-12,642.85	329.69	-312.38	642.07	0.513	Level 1	
18,000.00	6,840.00	17,931.46	6,840.00	324.92	324.57	-90.00	1,487.37	-12,742.85	329.69	-317.79	647.48	0.509	Level 1	
18,100.00	6,840.00	18,031.46	6,840.00	327.62	327.26	-90.00	1,487.80	-12,842.85	329.69	-323.19	652.89	0.505	Level 1	
18,200.00	6,840.00	18,131.46	6,840.00	330.31	329.96	-90.00	1,488.24	-12,942.85	329.69	-328.60	658.29	0.501	Level 1	
18,300.00	6,840.00	18,231.46	6,840.00	333.00	332.66	-90.00	1,488.68	-13,042.84	329.69	-334.01	663.70	0.497	Level 1	
18,400.00	6,840.00	18,331.46	6,840.00	335.70	335.35	-90.00	1,489.12	-13,142.84	329.69	-339.41	669.10	0.493	Level 1	
18,500.00	6,840.00	18,431.46	6,840.00	338.39	338.05	-90.00	1,489.55	-13,242.84	329.69	-344.82	674.51	0.489	Level 1	
18,600.00	6,840.00	18,531.46	6,840.00	341.08	340.75	-90.00	1,489.99	-13,342.84	329.69	-350.23	679.92	0.485	Level 1	
18,700.00	6,840.00	18,631.46	6,840.00	343.78	343.45	-90.00	1,490.43	-13,442.84	329.69	-355.64	685.33	0.481	Level 1	
18,800.00	6,840.00	18,731.46	6,840.00	346.47	346.15	-90.00	1,490.87	-13,542.84	329.69	-361.05	690.74	0.477	Level 1	
18,900.00	6,840.00	18,831.46	6,840.00	349.17	348.85	-90.00	1,491.30	-13,642.84	329.69	-366.46	696.15	0.474	Level 1	
19,000.00	6,840.00	18,931.46	6,840.00	351.86	351.54	-90.00	1,491.74	-13,742.84	329.69	-371.87	701.56	0.470	Level 1	
19,100.00	6,840.00	19,031.46	6,840.00	354.56	354.24	-90.00	1,492.18	-13,842.84	329.69	-377.28	706.97	0.466	Level 1	
19,200.00	6,840.00	19,131.46	6,840.00	357.26	356.94	-90.00	1,492.62	-13,942.84	329.69	-382.69	712.38	0.463	Level 1	
19,300.00	6,840.00	19,231.46	6,840.00	359.95	359.64	-90.00	1,493.05	-14,042.83	329.69	-388.10	717.79	0.459	Level 1	
19,400.00	6,840.00	19,331.46	6,840.00	362.65	362.34	-90.00	1,493.49	-14,142.83	329.69	-393.51	723.20	0.456	Level 1	
19,500.00	6,840.00	19,431.46	6,840.00	365.35	365.04	-90.00	1,493.93	-14,242.83	329.69	-398.92	728.62	0.452	Level 1	
19,600.00	6,840.00	19,531.46	6,840.00	368.05	367.75	-90.00	1,494.37	-14,342.83	329.69	-404.34	734.03	0.449	Level 1	
19,700.00	6,840.00	19,631.46	6,840.00	370.74	370.45	-90.00	1,494.80	-14,442.83	329.69	-409.75	739.44	0.446	Level 1	
19,800.00	6,840.00	19,731.46	6,840.00	373.44	373.15	-90.00	1,495.24	-14,542.83	329.69	-415.16	744.85	0.443	Level 1	
19,900.00	6,840.00	19,831.46	6,840.00	376.14	375.85	-90.00	1,495.68	-14,642.83	329.69	-420.58	750.27	0.439	Level 1	
20,000.00	6,840.00	19,931.46	6,840.00	378.84	378.55	-90.00	1,496.12	-14,742.83	329.69	-425.99	755.68	0.436	Level 1	
20,100.00	6,840.00	20,031.46	6,840.00	381.54	381.25	-90.00	1,496.55	-14,842.83	329.69	-431.41	761.10	0.433	Level 1	
20,200.00	6,840.00	20,131.46	6,840.00	384.24	383.96	-90.00	1,496.99	-14,942.83	329.69	-436.82	766.51	0.430	Level 1	
20,300.00	6,840.00	20,231.46	6,840.00	386.94	386.66	-90.00	1,497.43	-15,042.83	329.69	-442.24	771.93	0.427	Level 1	
20,400.00	6,840.00	20,331.46	6,840.00	389.64	389.36	-90.00	1,497.87	-15,142.82	329.69	-447.65	777.34	0.424	Level 1	
20,500.00	6,840.00	20,431.46	6,840.00	392.34	392.07	-90.00	1,498.30	-15,242.82	329.69	-453.07	782.76	0.421	Level 1	
20,600.00	6,840.00	20,531.46	6,840.00	395.04	394.77	-90.00	1,498.74	-15,342.82	329.69	-458.48	788.18	0.418	Level 1	
20,609.76	6,840.00	20,541.21	6,840.00	395.31	395.03	-90.00	1,498.78	-15,352.58	329.69	-459.01	788.70	0.418	Level 1, ES, SF	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-44.45	0.00	44.45					
100.00	100.00	100.00	100.00	0.13	0.13	180.00	-44.45	0.00	44.45	44.18	0.27	165.313		
200.00	200.00	200.00	200.00	0.49	0.49	180.00	-44.45	0.00	44.45	43.46	0.99	45.085		
300.00	300.00	300.00	300.00	0.85	0.85	180.00	-44.45	0.00	44.45	42.74	1.70	26.102		
400.00	400.00	400.00	400.00	1.21	1.21	180.00	-44.45	0.00	44.45	42.03	2.42	18.368 CC		
500.00	499.98	500.02	499.98	1.57	1.57	-132.38	-44.45	0.00	45.60	42.47	3.13	14.547		
600.00	599.84	599.84	599.84	1.93	1.93	-136.83	-44.45	0.00	49.28	45.43	3.85	12.795		
700.00	699.45	700.71	700.69	2.29	2.28	-141.55	-43.58	-1.54	54.82	50.25	4.57	11.990		
800.00	798.70	801.83	801.66	2.67	2.64	-144.85	-40.98	-6.20	61.09	55.80	5.30	11.535		
900.00	897.47	903.16	902.60	3.07	3.01	-147.03	-36.62	-13.99	67.94	61.90	6.03	11.263		
1,000.00	995.62	1,004.72	1,003.37	3.50	3.39	-148.34	-30.51	-24.91	75.24	68.45	6.78	11.092		
1,100.00	1,093.06	1,106.48	1,103.85	3.97	3.80	-148.99	-22.65	-38.97	82.94	75.39	7.56	10.978		
1,200.00	1,189.64	1,208.45	1,203.89	4.47	4.23	-149.13	-13.02	-56.18	91.01	82.65	8.36	10.890		
1,300.00	1,285.27	1,310.62	1,303.35	5.01	4.69	-148.89	-1.64	-76.53	99.43	90.23	9.19	10.815		
1,400.00	1,379.82	1,412.97	1,402.10	5.61	5.19	-148.34	11.49	-100.00	108.19	98.11	10.08	10.731		
1,500.00	1,473.17	1,515.49	1,499.99	6.25	5.75	-147.57	26.36	-126.58	117.31	106.28	11.03	10.635		
1,600.00	1,565.21	1,618.19	1,596.89	6.96	6.35	-146.62	42.96	-156.26	126.78	114.73	12.05	10.519		
1,700.00	1,656.01	1,721.07	1,692.68	7.72	7.01	-145.49	61.28	-189.01	136.30	123.14	13.16	10.357		
1,800.00	1,746.60	1,821.04	1,784.95	8.50	7.70	-144.08	80.06	-222.59	144.75	130.38	14.37	10.071		
1,900.00	1,837.19	1,920.63	1,876.85	9.30	8.41	-142.83	98.78	-256.06	153.27	137.64	15.63	9.804		
2,000.00	1,927.79	2,020.21	1,968.75	10.12	9.13	-141.71	117.50	-289.54	161.85	144.92	16.93	9.560		
2,100.00	2,018.38	2,119.79	2,060.65	10.93	9.87	-140.70	136.22	-323.01	170.48	152.23	18.26	9.339		
2,200.00	2,108.97	2,219.38	2,152.56	11.76	10.61	-139.79	154.94	-356.48	179.17	159.56	19.61	9.137		
2,300.00	2,199.56	2,318.96	2,244.46	12.59	11.36	-138.96	173.67	-389.95	187.89	166.91	20.98	8.954		
2,400.00	2,290.15	2,418.54	2,336.36	13.43	12.12	-138.21	192.39	-423.42	196.65	174.28	22.38	8.789		
2,500.00	2,380.75	2,518.13	2,428.27	14.26	12.88	-137.52	211.11	-456.89	205.44	181.66	23.78	8.638		
2,600.00	2,471.34	2,617.71	2,520.17	15.11	13.65	-136.88	229.83	-490.36	214.26	189.05	25.21	8.500		
2,700.00	2,561.93	2,717.30	2,612.07	15.95	14.42	-136.30	248.55	-523.83	223.10	196.46	26.64	8.375		
2,800.00	2,652.52	2,816.88	2,703.97	16.80	15.20	-135.76	267.27	-557.30	231.96	203.88	28.08	8.260		
2,900.00	2,743.12	2,916.46	2,795.88	17.64	15.97	-135.26	285.99	-590.77	240.85	211.31	29.53	8.155		
3,000.00	2,833.71	3,016.05	2,887.78	18.49	16.75	-134.80	304.72	-624.24	249.74	218.75	30.99	8.058		
3,100.00	2,924.30	3,115.63	2,979.68	19.35	17.53	-134.37	323.44	-657.72	258.66	226.20	32.46	7.969		
3,200.00	3,014.89	3,215.21	3,071.59	20.20	18.31	-133.97	342.16	-691.19	267.58	233.65	33.93	7.886		
3,300.00	3,105.48	3,314.80	3,163.49	21.05	19.10	-133.59	360.88	-724.66	276.52	241.11	35.41	7.810		
3,400.00	3,196.08	3,414.38	3,255.39	21.91	19.88	-133.24	379.60	-758.13	285.47	248.58	36.89	7.738		
3,500.00	3,286.67	3,513.97	3,347.29	22.76	20.67	-132.91	398.32	-791.60	294.43	256.06	38.38	7.672		
3,600.00	3,377.26	3,613.55	3,439.20	23.62	21.46	-132.59	417.04	-825.07	303.40	263.54	39.87	7.611		
3,700.00	3,467.85	3,713.13	3,531.10	24.47	22.24	-132.30	435.77	-858.54	312.38	271.02	41.36	7.553		
3,800.00	3,558.45	3,812.72	3,623.00	25.33	23.03	-132.02	454.49	-892.01	321.37	278.51	42.85	7.499		
3,900.00	3,649.04	3,912.30	3,714.90	26.19	23.82	-131.76	473.21	-925.48	330.36	286.01	44.35	7.449		
4,000.00	3,739.63	4,011.88	3,806.81	27.05	24.61	-131.51	491.93	-958.95	339.36	293.51	45.85	7.401		
4,100.00	3,830.22	4,111.47	3,898.71	27.90	25.40	-131.28	510.65	-992.42	348.36	301.01	47.36	7.356		
4,200.00	3,920.81	4,211.05	3,990.61	28.76	26.19	-131.05	529.37	-1,025.90	357.37	308.51	48.86	7.314		
4,300.00	4,011.41	4,310.64	4,082.52	29.62	26.98	-130.84	548.09	-1,059.37	366.39	316.02	50.37	7.274		
4,400.00	4,102.00	4,410.22	4,174.42	30.48	27.78	-130.64	566.82	-1,092.84	375.41	323.53	51.88	7.237		
4,500.00	4,192.59	4,509.80	4,266.32	31.34	28.57	-130.44	585.54	-1,126.31	384.44	331.05	53.39	7.201		
4,600.00	4,283.18	4,609.39	4,358.22	32.20	29.36	-130.26	604.26	-1,159.78	393.47	338.57	54.90	7.167		
4,700.00	4,373.78	4,708.97	4,450.13	33.06	30.16	-130.08	622.98	-1,193.25	402.50	346.09	56.41	7.135		
4,800.00	4,464.37	4,808.55	4,542.03	33.92	30.95	-129.92	641.70	-1,226.72	411.54	353.61	57.93	7.104		
4,900.00	4,554.96	4,908.14	4,633.93	34.78	31.74	-129.75	660.42	-1,260.19	420.58	361.13	59.44	7.075		
5,000.00	4,645.55	5,007.72	4,725.84	35.64	32.54	-129.60	679.14	-1,293.66	429.62	368.66	60.96	7.048		
5,100.00	4,736.14	5,107.31	4,817.74	36.51	33.33	-129.45	697.87	-1,327.13	438.67	376.19	62.48	7.021		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	5,206.89	4,909.64	37.37	34.13	-129.31	716.59	-1,360.61	447.71	383.72	63.99	6.996		
5,300.00	4,917.33	5,306.47	5,001.54	38.23	34.92	-129.17	735.31	-1,394.08	456.77	391.25	65.51	6.972		
5,400.00	5,007.92	5,406.06	5,093.45	39.09	35.72	-129.04	754.03	-1,427.55	465.82	398.79	67.03	6.949		
5,500.00	5,098.51	5,505.64	5,185.35	39.95	36.51	-128.92	772.75	-1,461.02	474.88	406.32	68.56	6.927		
5,600.00	5,189.11	5,605.22	5,277.25	40.81	37.31	-128.80	791.47	-1,494.49	483.94	413.86	70.08	6.906		
5,700.00	5,279.70	5,704.81	5,369.16	41.68	38.10	-128.68	810.19	-1,527.96	493.00	421.40	71.60	6.886		
5,800.00	5,370.29	5,804.39	5,461.06	42.54	38.90	-128.57	828.92	-1,561.43	502.06	428.94	73.12	6.866		
5,900.00	5,460.88	5,903.98	5,552.96	43.40	39.69	-128.46	847.64	-1,594.90	511.12	436.48	74.64	6.847		
6,000.00	5,551.47	6,003.56	5,644.86	44.26	40.49	-128.35	866.36	-1,628.37	520.19	444.02	76.17	6.829		
6,100.00	5,642.07	6,103.14	5,736.77	45.13	41.29	-128.25	885.08	-1,661.84	529.26	451.56	77.69	6.812		
6,200.00	5,732.66	6,202.73	5,828.67	45.99	42.08	-128.15	903.80	-1,695.31	538.33	459.11	79.22	6.795		
6,300.00	5,823.25	6,302.31	5,920.57	46.85	42.88	-128.06	922.52	-1,728.79	547.40	466.65	80.74	6.779		
6,400.00	5,913.84	6,401.89	6,012.47	47.72	43.68	-127.97	941.24	-1,762.26	556.47	474.20	82.27	6.764		
6,500.00	6,004.44	6,501.48	6,104.38	48.58	44.47	-127.88	959.97	-1,795.73	565.54	481.75	83.80	6.749		
6,600.00	6,095.03	6,601.06	6,196.28	49.44	45.27	-127.79	978.69	-1,829.20	574.62	489.30	85.32	6.735		
6,700.00	6,185.62	6,700.65	6,288.18	50.30	46.07	-127.71	997.41	-1,862.67	583.70	496.85	86.85	6.721		
6,800.00	6,276.21	6,800.23	6,380.09	51.17	46.86	-127.63	1,016.13	-1,896.14	592.77	504.40	88.38	6.707		
6,900.00	6,366.80	6,899.49	6,471.69	52.03	47.66	-127.55	1,034.79	-1,929.52	601.85	511.95	89.90	6.695		
7,000.00	6,457.40	6,991.20	6,553.25	52.89	48.53	-126.73	1,051.44	-1,967.75	611.61	519.73	91.88	6.657		
7,100.00	6,545.60	7,079.52	6,625.19	53.85	49.57	-114.24	1,066.20	-2,016.66	622.22	527.80	94.42	6.590		
7,200.00	6,626.13	7,165.80	6,687.53	55.05	50.78	-105.21	1,079.06	-2,074.78	632.29	535.21	97.08	6.513		
7,300.00	6,696.49	7,250.45	6,739.71	56.46	52.13	-99.20	1,089.90	-2,140.46	641.34	541.56	99.78	6.427		
7,400.00	6,754.56	7,333.86	6,781.29	58.05	53.60	-95.10	1,098.62	-2,212.15	648.97	546.46	102.51	6.331		
7,500.00	6,798.57	7,416.34	6,811.96	59.78	55.15	-92.36	1,105.15	-2,288.36	654.85	549.63	105.22	6.224		
7,600.00	6,827.18	7,498.20	6,831.47	61.58	56.74	-90.72	1,109.45	-2,367.67	658.71	550.84	107.88	6.106		
7,700.00	6,839.51	7,579.71	6,839.71	63.39	58.34	-90.03	1,111.48	-2,448.67	660.41	549.94	110.47	5.978		
7,800.00	6,840.00	7,675.49	6,840.00	65.19	60.24	-90.00	1,111.96	-2,544.45	660.48	546.19	114.29	5.779		
7,900.00	6,840.00	7,775.49	6,840.00	67.04	62.26	-90.00	1,112.41	-2,644.45	660.47	541.91	118.56	5.571		
8,000.00	6,840.00	7,875.49	6,840.00	68.95	64.33	-90.00	1,112.86	-2,744.45	660.46	537.54	122.92	5.373		
8,100.00	6,840.00	7,975.49	6,840.00	70.91	66.45	-90.00	1,113.30	-2,844.44	660.45	533.09	127.36	5.186		
8,200.00	6,840.00	8,075.49	6,840.00	72.91	68.61	-90.00	1,113.75	-2,944.44	660.44	528.56	131.88	5.008		
8,300.00	6,840.00	8,175.49	6,840.00	74.96	70.81	-90.00	1,114.19	-3,044.44	660.43	523.97	136.47	4.840		
8,400.00	6,840.00	8,275.49	6,840.00	77.05	73.04	-90.00	1,114.64	-3,144.44	660.43	519.31	141.11	4.680		
8,500.00	6,840.00	8,375.49	6,840.00	79.18	75.31	-90.00	1,115.09	-3,244.44	660.42	514.60	145.81	4.529		
8,600.00	6,840.00	8,475.49	6,840.00	81.34	77.60	-90.00	1,115.53	-3,344.44	660.41	509.84	150.56	4.386		
8,700.00	6,840.00	8,575.49	6,840.00	83.54	79.93	-90.00	1,115.98	-3,444.44	660.40	505.04	155.36	4.251		
8,800.00	6,840.00	8,675.49	6,840.00	85.76	82.27	-90.00	1,116.42	-3,544.44	660.39	500.19	160.20	4.122		
8,900.00	6,840.00	8,775.49	6,840.00	88.02	84.64	-90.00	1,116.87	-3,644.44	660.38	495.31	165.07	4.001		
9,000.00	6,840.00	8,875.49	6,840.00	90.30	87.03	-90.00	1,117.32	-3,744.44	660.37	490.39	169.98	3.885		
9,100.00	6,840.00	8,975.49	6,840.00	92.60	89.44	-90.00	1,117.76	-3,844.43	660.37	485.44	174.92	3.775		
9,200.00	6,840.00	9,075.49	6,840.00	94.93	91.86	-90.00	1,118.21	-3,944.43	660.36	480.46	179.89	3.671		
9,300.00	6,840.00	9,175.49	6,840.00	97.28	94.31	-90.00	1,118.65	-4,044.43	660.35	475.46	184.89	3.572		
9,400.00	6,840.00	9,275.49	6,840.00	99.65	96.76	-90.00	1,119.10	-4,144.43	660.34	470.43	189.91	3.477		
9,500.00	6,840.00	9,375.49	6,840.00	102.03	99.23	-90.00	1,119.55	-4,244.43	660.33	465.38	194.95	3.387		
9,600.00	6,840.00	9,475.49	6,840.00	104.43	101.72	-90.00	1,119.99	-4,344.43	660.32	460.31	200.02	3.301		
9,700.00	6,840.00	9,575.49	6,840.00	106.85	104.21	-90.00	1,120.44	-4,444.43	660.31	455.22	205.10	3.219		
9,800.00	6,840.00	9,675.49	6,840.00	109.29	106.72	-90.00	1,120.88	-4,544.43	660.31	450.11	210.20	3.141		
9,900.00	6,840.00	9,775.49	6,840.00	111.73	109.24	-90.00	1,121.33	-4,644.43	660.30	444.98	215.32	3.067		
10,000.00	6,840.00	9,875.49	6,840.00	114.19	111.77	-90.00	1,121.78	-4,744.43	660.29	439.84	220.45	2.995		
10,100.00	6,840.00	9,975.49	6,840.00	116.66	114.30	-90.00	1,122.22	-4,844.42	660.28	434.68	225.60	2.927		
10,200.00	6,840.00	10,075.49	6,840.00	119.15	116.85	-90.00	1,122.67	-4,944.42	660.27	429.51	230.76	2.861		
10,300.00	6,840.00	10,175.49	6,840.00	121.64	119.40	-90.00	1,123.11	-5,044.42	660.26	424.33	235.93	2.799		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,275.49	6,840.00	124.14	121.96	-90.00	1,123.56	-5,144.42	660.25	419.14	241.12	2.738		
10,500.00	6,840.00	10,375.49	6,840.00	126.65	124.53	-90.00	1,124.01	-5,244.42	660.25	413.94	246.31	2.681		
10,600.00	6,840.00	10,475.49	6,840.00	129.18	127.10	-90.00	1,124.45	-5,344.42	660.24	408.72	251.52	2.625		
10,700.00	6,840.00	10,575.49	6,840.00	131.70	129.68	-90.00	1,124.90	-5,444.42	660.23	403.50	256.73	2.572		
10,800.00	6,840.00	10,675.49	6,840.00	134.24	132.26	-90.00	1,125.34	-5,544.42	660.22	398.26	261.96	2.520		
10,900.00	6,840.00	10,775.49	6,840.00	136.79	134.85	-90.00	1,125.79	-5,644.42	660.21	393.02	267.19	2.471		
11,000.00	6,840.00	10,875.49	6,840.00	139.34	137.45	-90.00	1,126.24	-5,744.42	660.20	387.77	272.43	2.423		
11,100.00	6,840.00	10,975.49	6,840.00	141.90	140.05	-90.00	1,126.68	-5,844.41	660.20	382.51	277.68	2.378		
11,200.00	6,840.00	11,075.49	6,840.00	144.46	142.65	-90.00	1,127.13	-5,944.41	660.19	377.25	282.94	2.333		
11,300.00	6,840.00	11,175.49	6,840.00	147.03	145.26	-90.00	1,127.57	-6,044.41	660.18	371.98	288.20	2.291		
11,400.00	6,840.00	11,275.49	6,840.00	149.60	147.88	-90.00	1,128.02	-6,144.41	660.17	366.70	293.47	2.250		
11,500.00	6,840.00	11,375.49	6,840.00	152.18	150.49	-90.00	1,128.47	-6,244.41	660.16	361.41	298.75	2.210		
11,600.00	6,840.00	11,475.49	6,840.00	154.77	153.11	-90.00	1,128.91	-6,344.41	660.15	356.12	304.03	2.171		
11,700.00	6,840.00	11,575.49	6,840.00	157.36	155.74	-90.00	1,129.36	-6,444.41	660.14	350.83	309.32	2.134		
11,800.00	6,840.00	11,675.49	6,840.00	159.95	158.37	-90.00	1,129.80	-6,544.41	660.14	345.53	314.61	2.098		
11,900.00	6,840.00	11,775.49	6,840.00	162.55	161.00	-90.00	1,130.25	-6,644.41	660.13	340.22	319.90	2.064		
12,000.00	6,840.00	11,875.49	6,840.00	165.16	163.63	-90.00	1,130.70	-6,744.41	660.12	334.91	325.21	2.030		
12,100.00	6,840.00	11,975.49	6,840.00	167.76	166.27	-90.00	1,131.14	-6,844.41	660.11	329.60	330.51	1.997		
12,200.00	6,840.00	12,075.49	6,840.00	170.37	168.91	-90.00	1,131.59	-6,944.40	660.10	324.28	335.82	1.966		
12,300.00	6,840.00	12,175.49	6,840.00	172.99	171.55	-90.00	1,132.03	-7,044.40	660.09	318.96	341.14	1.935		
12,400.00	6,840.00	12,275.49	6,840.00	175.60	174.19	-90.00	1,132.48	-7,144.40	660.08	313.63	346.46	1.905		
12,500.00	6,840.00	12,375.49	6,840.00	178.23	176.84	-90.00	1,132.93	-7,244.40	660.08	308.30	351.78	1.876		
12,600.00	6,840.00	12,475.49	6,840.00	180.85	179.49	-90.00	1,133.37	-7,344.40	660.07	302.96	357.10	1.848		
12,700.00	6,840.00	12,575.49	6,840.00	183.47	182.14	-90.00	1,133.82	-7,444.40	660.06	297.63	362.43	1.821		
12,800.00	6,840.00	12,675.49	6,840.00	186.10	184.79	-90.00	1,134.26	-7,544.40	660.05	292.28	367.77	1.795		
12,900.00	6,840.00	12,775.49	6,840.00	188.74	187.45	-90.00	1,134.71	-7,644.40	660.04	286.94	373.10	1.769		
13,000.00	6,840.00	12,875.49	6,840.00	191.37	190.10	-90.00	1,135.16	-7,744.40	660.03	281.59	378.44	1.744		
13,100.00	6,840.00	12,975.49	6,840.00	194.01	192.76	-90.00	1,135.60	-7,844.40	660.02	276.24	383.78	1.720		
13,200.00	6,840.00	13,075.49	6,840.00	196.65	195.42	-90.00	1,136.05	-7,944.39	660.02	270.89	389.12	1.696		
13,300.00	6,840.00	13,175.49	6,840.00	199.29	198.08	-90.00	1,136.49	-8,044.39	660.01	265.54	394.47	1.673		
13,400.00	6,840.00	13,275.49	6,840.00	201.93	200.75	-90.00	1,136.94	-8,144.39	660.00	260.18	399.82	1.651		
13,500.00	6,840.00	13,375.49	6,840.00	204.58	203.41	-90.00	1,137.39	-8,244.39	659.99	254.82	405.17	1.629		
13,600.00	6,840.00	13,475.49	6,840.00	207.22	206.08	-90.00	1,137.83	-8,344.39	659.98	249.46	410.53	1.608		
13,700.00	6,840.00	13,575.49	6,840.00	209.87	208.75	-90.00	1,138.28	-8,444.39	659.97	244.09	415.88	1.587		
13,800.00	6,840.00	13,675.49	6,840.00	212.52	211.41	-90.00	1,138.72	-8,544.39	659.96	238.72	421.24	1.567		
13,900.00	6,840.00	13,775.49	6,840.00	215.18	214.09	-90.00	1,139.17	-8,644.39	659.96	233.36	426.60	1.547		
14,000.00	6,840.00	13,875.49	6,840.00	217.83	216.76	-90.00	1,139.62	-8,744.39	659.95	227.99	431.96	1.528		
14,100.00	6,840.00	13,975.49	6,840.00	220.49	219.43	-90.00	1,140.06	-8,844.39	659.94	222.61	437.33	1.509		
14,200.00	6,840.00	14,075.49	6,840.00	223.15	222.10	-90.00	1,140.51	-8,944.38	659.93	217.24	442.69	1.491 Level 3		
14,300.00	6,840.00	14,175.49	6,840.00	225.81	224.78	-90.00	1,140.95	-9,044.38	659.92	211.86	448.06	1.473 Level 3		
14,400.00	6,840.00	14,275.49	6,840.00	228.47	227.46	-90.00	1,141.40	-9,144.38	659.91	206.48	453.43	1.455 Level 3		
14,500.00	6,840.00	14,375.49	6,840.00	231.13	230.13	-90.00	1,141.85	-9,244.38	659.91	201.10	458.80	1.438 Level 3		
14,600.00	6,840.00	14,475.49	6,840.00	233.79	232.81	-90.00	1,142.29	-9,344.38	659.90	195.72	464.17	1.422 Level 3		
14,700.00	6,840.00	14,575.49	6,840.00	236.46	235.49	-90.00	1,142.74	-9,444.38	659.89	190.34	469.55	1.405 Level 3		
14,800.00	6,840.00	14,675.49	6,840.00	239.12	238.17	-90.00	1,143.18	-9,544.38	659.88	184.96	474.92	1.389 Level 3		
14,900.00	6,840.00	14,775.49	6,840.00	241.79	240.85	-90.00	1,143.63	-9,644.38	659.87	179.57	480.30	1.374 Level 3		
15,000.00	6,840.00	14,875.49	6,840.00	244.46	243.53	-90.00	1,144.08	-9,744.38	659.86	174.18	485.68	1.359 Level 3		
15,100.00	6,840.00	14,975.49	6,840.00	247.13	246.22	-90.00	1,144.52	-9,844.38	659.85	168.79	491.06	1.344 Level 3		
15,200.00	6,840.00	15,075.49	6,840.00	249.80	248.90	-90.00	1,144.97	-9,944.37	659.85	163.40	496.44	1.329 Level 3		
15,300.00	6,840.00	15,175.49	6,840.00	252.47	251.58	-90.00	1,145.41	-10,044.37	659.84	158.01	501.82	1.315 Level 3		
15,400.00	6,840.00	15,275.49	6,840.00	255.15	254.27	-90.00	1,145.86	-10,144.37	659.83	152.62	507.21	1.301 Level 3		
15,500.00	6,840.00	15,375.49	6,840.00	257.82	256.95	-90.00	1,146.31	-10,244.37	659.82	147.23	512.59	1.287 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,475.49	6,840.00	260.50	259.64	-90.00	1,146.75	-10,344.37	659.81	141.83	517.98	1.274	Level 3	
15,700.00	6,840.00	15,575.49	6,840.00	263.17	262.33	-90.00	1,147.20	-10,444.37	659.80	136.44	523.36	1.261	Level 3	
15,800.00	6,840.00	15,675.49	6,840.00	265.85	265.02	-90.00	1,147.64	-10,544.37	659.79	131.04	528.75	1.248	Level 2	
15,900.00	6,840.00	15,775.49	6,840.00	268.53	267.71	-90.00	1,148.09	-10,644.37	659.79	125.64	534.14	1.235	Level 2	
16,000.00	6,840.00	15,875.49	6,840.00	271.20	270.39	-90.00	1,148.54	-10,744.37	659.78	120.24	539.53	1.223	Level 2	
16,100.00	6,840.00	15,975.49	6,840.00	273.88	273.08	-90.00	1,148.98	-10,844.37	659.77	114.84	544.92	1.211	Level 2	
16,200.00	6,840.00	16,075.49	6,840.00	276.56	275.77	-90.00	1,149.43	-10,944.36	659.76	109.44	550.32	1.199	Level 2	
16,300.00	6,840.00	16,175.49	6,840.00	279.25	278.47	-90.00	1,149.87	-11,044.36	659.75	104.04	555.71	1.187	Level 2	
16,400.00	6,840.00	16,275.49	6,840.00	281.93	281.16	-90.00	1,150.32	-11,144.36	659.74	98.64	561.10	1.176	Level 2	
16,500.00	6,840.00	16,375.49	6,840.00	284.61	283.85	-90.00	1,150.77	-11,244.36	659.73	93.24	566.50	1.165	Level 2	
16,600.00	6,840.00	16,475.49	6,840.00	287.29	286.54	-90.00	1,151.21	-11,344.36	659.73	87.83	571.89	1.154	Level 2	
16,700.00	6,840.00	16,575.49	6,840.00	289.98	289.24	-90.00	1,151.66	-11,444.36	659.72	82.43	577.29	1.143	Level 2	
16,800.00	6,840.00	16,675.49	6,840.00	292.66	291.93	-90.00	1,152.10	-11,544.36	659.71	77.02	582.69	1.132	Level 2	
16,900.00	6,840.00	16,775.49	6,840.00	295.35	294.62	-90.00	1,152.55	-11,644.36	659.70	71.61	588.09	1.122	Level 2	
17,000.00	6,840.00	16,875.49	6,840.00	298.03	297.32	-90.00	1,153.00	-11,744.36	659.69	66.21	593.48	1.112	Level 2	
17,100.00	6,840.00	16,975.49	6,840.00	300.72	300.01	-90.00	1,153.44	-11,844.36	659.68	60.80	598.88	1.102	Level 2	
17,200.00	6,840.00	17,075.49	6,840.00	303.41	302.71	-90.00	1,153.89	-11,944.35	659.67	55.39	604.28	1.092	Level 2	
17,300.00	6,840.00	17,175.49	6,840.00	306.09	305.40	-90.00	1,154.33	-12,044.35	659.67	49.98	609.69	1.082	Level 2	
17,400.00	6,840.00	17,275.49	6,840.00	308.78	308.10	-90.00	1,154.78	-12,144.35	659.66	44.57	615.09	1.072	Level 2	
17,500.00	6,840.00	17,375.49	6,840.00	311.47	310.80	-90.00	1,155.23	-12,244.35	659.65	39.16	620.49	1.063	Level 2	
17,600.00	6,840.00	17,475.49	6,840.00	314.16	313.50	-90.00	1,155.67	-12,344.35	659.64	33.75	625.89	1.054	Level 2	
17,700.00	6,840.00	17,575.49	6,840.00	316.85	316.19	-90.00	1,156.12	-12,444.35	659.63	28.34	631.30	1.045	Level 2	
17,800.00	6,840.00	17,675.49	6,840.00	319.54	318.89	-90.00	1,156.56	-12,544.35	659.62	22.92	636.70	1.036	Level 2	
17,900.00	6,840.00	17,775.49	6,840.00	322.23	321.59	-90.00	1,157.01	-12,644.35	659.61	17.51	642.11	1.027	Level 2	
18,000.00	6,840.00	17,875.49	6,840.00	324.92	324.29	-90.00	1,157.46	-12,744.35	659.61	12.10	647.51	1.019	Level 2	
18,100.00	6,840.00	17,975.49	6,840.00	327.62	326.99	-90.00	1,157.90	-12,844.35	659.60	6.68	652.92	1.010	Level 2	
18,200.00	6,840.00	18,075.49	6,840.00	330.31	329.69	-90.00	1,158.35	-12,944.34	659.59	1.27	658.32	1.002	Level 2	
18,300.00	6,840.00	18,175.49	6,840.00	333.00	332.39	-90.00	1,158.79	-13,044.34	659.58	-4.15	663.73	0.994	Level 1	
18,400.00	6,840.00	18,275.49	6,840.00	335.70	335.09	-90.00	1,159.24	-13,144.34	659.57	-9.57	669.14	0.986	Level 1	
18,500.00	6,840.00	18,375.49	6,840.00	338.39	337.79	-90.00	1,159.69	-13,244.34	659.56	-14.98	674.55	0.978	Level 1	
18,600.00	6,840.00	18,475.49	6,840.00	341.08	340.49	-90.00	1,160.13	-13,344.34	659.56	-20.40	679.95	0.970	Level 1	
18,700.00	6,840.00	18,575.49	6,840.00	343.78	343.19	-90.00	1,160.58	-13,444.34	659.55	-25.82	685.36	0.962	Level 1	
18,800.00	6,840.00	18,675.49	6,840.00	346.47	345.89	-90.00	1,161.02	-13,544.34	659.54	-31.24	690.77	0.955	Level 1	
18,900.00	6,840.00	18,775.49	6,840.00	349.17	348.59	-90.00	1,161.47	-13,644.34	659.53	-36.65	696.18	0.947	Level 1	
19,000.00	6,840.00	18,875.49	6,840.00	351.86	351.29	-90.00	1,161.92	-13,744.34	659.52	-42.07	701.59	0.940	Level 1	
19,100.00	6,840.00	18,975.49	6,840.00	354.56	354.00	-90.00	1,162.36	-13,844.34	659.51	-47.49	707.01	0.933	Level 1	
19,200.00	6,840.00	19,075.49	6,840.00	357.26	356.70	-90.00	1,162.81	-13,944.33	659.50	-52.91	712.42	0.926	Level 1	
19,300.00	6,840.00	19,175.49	6,840.00	359.95	359.40	-90.00	1,163.25	-14,044.33	659.50	-58.33	717.83	0.919	Level 1	
19,400.00	6,840.00	19,275.49	6,840.00	362.65	362.10	-90.00	1,163.70	-14,144.33	659.49	-63.75	723.24	0.912	Level 1	
19,500.00	6,840.00	19,375.49	6,840.00	365.35	364.81	-90.00	1,164.15	-14,244.33	659.48	-69.17	728.65	0.905	Level 1	
19,600.00	6,840.00	19,475.49	6,840.00	368.05	367.51	-90.00	1,164.59	-14,344.33	659.47	-74.60	734.07	0.898	Level 1	
19,700.00	6,840.00	19,575.49	6,840.00	370.74	370.21	-90.00	1,165.04	-14,444.33	659.46	-80.02	739.48	0.892	Level 1	
19,800.00	6,840.00	19,675.49	6,840.00	373.44	372.92	-90.00	1,165.48	-14,544.33	659.45	-85.44	744.89	0.885	Level 1	
19,900.00	6,840.00	19,775.49	6,840.00	376.14	375.62	-90.00	1,165.93	-14,644.33	659.44	-90.86	750.31	0.879	Level 1	
20,000.00	6,840.00	19,875.49	6,840.00	378.84	378.33	-90.00	1,166.38	-14,744.33	659.44	-96.29	755.72	0.873	Level 1	
20,100.00	6,840.00	19,975.49	6,840.00	381.54	381.03	-90.00	1,166.82	-14,844.33	659.43	-101.71	761.14	0.866	Level 1	
20,200.00	6,840.00	20,075.49	6,840.00	384.24	383.74	-90.00	1,167.27	-14,944.32	659.42	-107.13	766.55	0.860	Level 1	
20,300.00	6,840.00	20,175.49	6,840.00	386.94	386.44	-90.00	1,167.71	-15,044.32	659.41	-112.56	771.97	0.854	Level 1	
20,400.00	6,840.00	20,275.49	6,840.00	389.64	389.15	-90.00	1,168.16	-15,144.32	659.40	-117.98	777.38	0.848	Level 1	
20,500.00	6,840.00	20,375.49	6,840.00	392.34	391.85	-90.00	1,168.61	-15,244.32	659.39	-123.41	782.80	0.842	Level 1	
20,600.00	6,840.00	20,475.49	6,840.00	395.04	394.56	-90.00	1,169.05	-15,344.32	659.38	-128.83	788.22	0.837	Level 1	
20,609.76	6,840.00	20,485.25	6,840.00	395.31	394.82	-90.00	1,169.10	-15,354.08	659.38	-129.36	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-67.03	0.00	67.03					
100.00	100.00	101.00	99.00	0.13	0.14	180.00	-67.03	0.00	67.03	66.76	0.27	246.044		
200.00	200.00	201.00	199.00	0.49	0.50	180.00	-67.03	0.00	67.03	66.04	0.99	67.751		
300.00	300.00	301.00	299.00	0.85	0.85	180.00	-67.03	0.00	67.03	65.33	1.71	39.284		
400.00	400.00	401.00	399.00	1.21	1.21	180.00	-67.03	0.00	67.03	64.61	2.42	27.662 CC, ES		
500.00	499.98	501.02	498.98	1.57	1.57	-131.83	-67.03	0.00	68.18	65.05	3.14	21.726		
600.00	599.84	601.16	598.84	1.93	1.93	-134.89	-67.03	0.00	71.78	67.92	3.86	18.613		
700.00	699.45	698.45	698.45	2.29	2.28	-139.33	-67.03	0.00	78.18	73.61	4.57	17.105		
800.00	798.70	799.46	799.44	2.67	2.64	-143.57	-66.38	-1.60	86.81	81.52	5.30	16.389		
900.00	897.47	900.82	900.65	3.07	3.00	-146.50	-64.37	-6.51	96.56	90.53	6.03	16.018		
1,000.00	995.62	1,002.48	1,001.92	3.50	3.36	-148.39	-60.99	-14.76	107.20	100.43	6.77	15.827		
1,100.00	1,093.06	1,104.43	1,103.09	3.97	3.74	-149.48	-56.23	-26.37	118.60	111.06	7.54	15.734		
1,200.00	1,189.64	1,206.65	1,204.01	4.47	4.14	-149.94	-50.10	-41.35	130.67	122.34	8.33	15.694		
1,300.00	1,285.27	1,309.12	1,304.54	5.01	4.57	-149.93	-42.58	-59.70	143.37	134.23	9.15	15.672		
1,400.00	1,379.82	1,411.82	1,404.51	5.61	5.03	-149.55	-33.69	-81.42	156.70	146.68	10.02	15.643		
1,500.00	1,473.17	1,514.73	1,503.79	6.25	5.54	-148.90	-23.42	-106.49	170.64	159.70	10.94	15.592		
1,600.00	1,565.21	1,617.84	1,602.22	6.96	6.08	-148.03	-11.79	-134.91	185.21	173.27	11.94	15.514		
1,700.00	1,656.01	1,721.17	1,699.69	7.72	6.69	-147.01	1.21	-166.65	200.09	187.08	13.01	15.374		
1,800.00	1,746.60	1,823.27	1,794.78	8.50	7.34	-145.57	15.29	-201.02	213.31	199.12	14.19	15.034		
1,900.00	1,837.19	1,922.30	1,886.73	9.30	8.00	-144.18	29.22	-235.05	226.16	210.74	15.42	14.664		
2,000.00	1,927.79	2,021.33	1,978.68	10.12	8.68	-142.94	43.15	-269.07	239.13	222.43	16.70	14.322		
2,100.00	2,018.38	2,120.36	2,070.64	10.93	9.38	-141.82	57.08	-303.09	252.20	234.20	18.01	14.007		
2,200.00	2,108.97	2,219.38	2,162.59	11.76	10.08	-140.81	71.02	-337.11	265.36	246.01	19.34	13.720		
2,300.00	2,199.56	2,318.41	2,254.54	12.59	10.80	-139.90	84.95	-371.14	278.58	257.88	20.70	13.458		
2,400.00	2,290.15	2,417.44	2,346.49	13.43	11.52	-139.08	98.88	-405.16	291.87	269.79	22.08	13.219		
2,500.00	2,380.75	2,516.47	2,438.44	14.26	12.25	-138.32	112.81	-439.18	305.22	281.74	23.48	13.001		
2,600.00	2,471.34	2,615.50	2,530.39	15.11	12.99	-137.63	126.75	-473.21	318.61	293.73	24.89	12.803		
2,700.00	2,561.93	2,714.53	2,622.34	15.95	13.73	-136.99	140.68	-507.23	332.05	305.74	26.31	12.621		
2,800.00	2,652.52	2,813.56	2,714.29	16.80	14.47	-136.41	154.61	-541.25	345.52	317.78	27.74	12.455		
2,900.00	2,743.12	2,912.58	2,806.24	17.64	15.21	-135.86	168.54	-575.27	359.03	329.84	29.18	12.302		
3,000.00	2,833.71	3,011.61	2,898.19	18.49	15.96	-135.36	182.48	-609.30	372.56	341.93	30.63	12.162		
3,100.00	2,924.30	3,110.64	2,990.15	19.35	16.71	-134.89	196.41	-643.32	386.12	354.03	32.09	12.032		
3,200.00	3,014.89	3,209.67	3,082.10	20.20	17.47	-134.45	210.34	-677.34	399.71	366.16	33.55	11.913		
3,300.00	3,105.48	3,308.70	3,174.05	21.05	18.22	-134.05	224.27	-711.37	413.31	378.29	35.02	11.802		
3,400.00	3,196.08	3,407.73	3,266.00	21.91	18.98	-133.67	238.21	-745.39	426.94	390.45	36.49	11.699		
3,500.00	3,286.67	3,506.76	3,357.95	22.76	19.73	-133.31	252.14	-779.41	440.58	402.61	37.97	11.603		
3,600.00	3,377.26	3,605.78	3,449.90	23.62	20.49	-132.97	266.07	-813.44	454.24	414.79	39.45	11.514		
3,700.00	3,467.85	3,704.81	3,541.85	24.47	21.25	-132.65	280.00	-847.46	467.91	426.98	40.94	11.430		
3,800.00	3,558.45	3,803.84	3,633.80	25.33	22.01	-132.35	293.94	-881.48	481.60	439.18	42.42	11.352		
3,900.00	3,649.04	3,902.87	3,725.75	26.19	22.77	-132.07	307.87	-915.50	495.30	451.38	43.91	11.279		
4,000.00	3,739.63	4,001.90	3,817.70	27.05	23.53	-131.80	321.80	-949.53	509.01	463.60	45.41	11.210		
4,100.00	3,830.22	4,100.93	3,909.66	27.90	24.30	-131.55	335.73	-983.55	522.73	475.83	46.90	11.145		
4,200.00	3,920.81	4,200.04	4,001.61	28.76	25.06	-131.31	349.67	-1,017.57	536.46	488.06	48.40	11.084		
4,300.00	4,011.41	4,301.02	4,093.56	29.62	25.84	-131.08	363.60	-1,051.60	550.20	500.28	49.91	11.023		
4,400.00	4,102.00	4,401.99	4,185.51	30.48	26.62	-130.87	377.53	-1,085.62	563.94	512.52	51.43	10.966		
4,500.00	4,192.59	4,497.04	4,277.46	31.34	27.36	-130.66	391.46	-1,119.64	577.70	524.80	52.90	10.920		
4,600.00	4,283.18	4,603.93	4,369.41	32.20	28.18	-130.46	405.40	-1,153.66	591.46	537.00	54.46	10.860		
4,700.00	4,373.78	4,695.10	4,461.36	33.06	28.89	-130.27	419.33	-1,187.69	605.23	549.32	55.91	10.825		
4,800.00	4,464.37	4,805.87	4,553.31	33.92	29.74	-130.09	433.26	-1,221.71	619.00	561.50	57.50	10.765		
4,900.00	4,554.96	4,893.16	4,645.26	34.78	30.42	-129.92	447.19	-1,255.73	632.78	573.86	58.92	10.739		
5,000.00	4,645.55	5,007.82	4,737.21	35.64	31.31	-129.76	461.13	-1,289.76	646.57	586.02	60.55	10.679		
5,100.00	4,736.14	5,091.21	4,829.17	36.51	31.95	-129.60	475.06	-1,323.78	660.36	598.41	61.94	10.661		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	5,209.76	4,921.12	37.37	32.87	-129.45	488.99	-1,357.80	674.15	610.56	63.60	10.601		
5,300.00	4,917.33	5,289.27	5,013.07	38.23	33.49	-129.30	502.92	-1,391.82	687.95	622.99	64.96	10.590		
5,400.00	5,007.92	5,388.30	5,105.02	39.09	34.26	-129.16	516.86	-1,425.85	701.75	635.28	66.47	10.557		
5,500.00	5,098.51	5,487.33	5,196.97	39.95	35.03	-129.03	530.79	-1,459.87	715.56	647.57	67.99	10.525		
5,600.00	5,189.11	5,586.36	5,288.92	40.81	35.80	-128.90	544.72	-1,493.89	729.37	659.87	69.50	10.495		
5,700.00	5,279.70	5,685.38	5,380.87	41.68	36.56	-128.77	558.65	-1,527.92	743.19	672.17	71.01	10.465		
5,800.00	5,370.29	5,784.41	5,472.82	42.54	37.33	-128.66	572.59	-1,561.94	757.00	684.48	72.53	10.437		
5,900.00	5,460.88	5,883.44	5,564.77	43.40	38.10	-128.54	586.52	-1,595.96	770.82	696.78	74.04	10.410		
6,000.00	5,551.47	5,982.47	5,656.72	44.26	38.87	-128.43	600.45	-1,629.98	784.65	709.09	75.56	10.385		
6,100.00	5,642.07	6,081.50	5,748.68	45.13	39.64	-128.32	614.38	-1,664.01	798.48	721.40	77.08	10.360		
6,200.00	5,732.66	6,180.53	5,840.63	45.99	40.41	-128.22	628.31	-1,698.03	812.30	733.71	78.59	10.336		
6,300.00	5,823.25	6,279.56	5,932.58	46.85	41.18	-128.12	642.25	-1,732.05	826.14	746.03	80.11	10.313		
6,400.00	5,913.84	6,378.58	6,024.53	47.72	41.95	-128.02	656.18	-1,766.08	839.97	758.34	81.63	10.290		
6,500.00	6,004.44	6,477.61	6,116.48	48.58	42.72	-127.93	670.11	-1,800.10	853.81	770.66	83.14	10.269		
6,600.00	6,095.03	6,576.64	6,208.43	49.44	43.49	-127.83	684.04	-1,834.12	867.65	782.98	84.66	10.248		
6,700.00	6,185.62	6,675.67	6,300.38	50.30	44.26	-127.75	697.98	-1,868.14	881.49	795.31	86.18	10.228		
6,800.00	6,276.21	6,774.70	6,392.33	51.17	45.03	-127.66	711.91	-1,902.17	895.33	807.63	87.70	10.209		
6,900.00	6,366.80	6,872.42	6,483.00	52.03	45.80	-127.57	725.65	-1,935.95	909.19	819.97	89.22	10.191		
7,000.00	6,457.40	6,962.36	6,562.71	52.89	46.66	-126.90	737.77	-1,975.57	923.66	832.59	91.06	10.143		
7,100.00	6,545.60	7,048.62	6,632.51	53.85	47.69	-114.45	748.46	-2,024.98	938.59	845.28	93.32	10.058		
7,200.00	6,626.13	7,132.87	6,692.85	55.05	48.90	-105.38	757.76	-2,082.93	952.52	856.71	95.81	9.942		
7,300.00	6,696.49	7,215.58	6,743.29	56.46	50.25	-99.34	765.61	-2,147.92	964.87	866.39	98.48	9.797		
7,400.00	6,754.56	7,297.13	6,783.45	58.05	51.72	-95.21	771.95	-2,218.53	975.18	873.88	101.30	9.626		
7,500.00	6,798.57	7,377.82	6,813.03	59.78	53.27	-92.45	776.73	-2,293.38	983.05	878.83	104.23	9.432		
7,600.00	6,827.18	7,457.95	6,831.84	61.58	54.88	-90.78	779.90	-2,371.13	988.21	881.01	107.20	9.218		
7,700.00	6,839.51	7,537.76	6,839.73	63.39	56.50	-90.09	781.44	-2,450.47	990.45	880.28	110.17	8.990		
7,800.00	6,840.00	7,633.29	6,840.00	65.19	58.46	-90.06	781.91	-2,546.00	990.53	876.44	114.09	8.682		
7,900.00	6,840.00	7,733.29	6,840.00	67.04	60.55	-90.06	782.37	-2,646.00	990.51	872.15	118.37	8.368		
8,000.00	6,840.00	7,833.29	6,840.00	68.95	62.69	-90.06	782.82	-2,746.00	990.50	867.76	122.74	8.070		
8,100.00	6,840.00	7,933.29	6,840.00	70.91	64.87	-90.06	783.28	-2,846.00	990.48	863.29	127.19	7.787		
8,200.00	6,840.00	8,033.29	6,840.00	72.91	67.09	-90.06	783.73	-2,946.00	990.46	858.74	131.72	7.519		
8,300.00	6,840.00	8,133.29	6,840.00	74.96	69.35	-90.06	784.19	-3,046.00	990.45	854.13	136.32	7.266		
8,400.00	6,840.00	8,233.29	6,840.00	77.05	71.63	-90.06	784.64	-3,146.00	990.43	849.46	140.97	7.026		
8,500.00	6,840.00	8,333.29	6,840.00	79.18	73.95	-90.06	785.10	-3,246.00	990.41	844.73	145.68	6.798		
8,600.00	6,840.00	8,433.29	6,840.00	81.34	76.29	-90.06	785.55	-3,346.00	990.39	839.95	150.44	6.583		
8,700.00	6,840.00	8,533.29	6,840.00	83.54	78.66	-90.06	786.00	-3,445.99	990.38	835.13	155.24	6.380		
8,800.00	6,840.00	8,633.29	6,840.00	85.76	81.05	-90.06	786.46	-3,545.99	990.36	830.27	160.09	6.186		
8,900.00	6,840.00	8,733.29	6,840.00	88.02	83.46	-90.06	786.91	-3,645.99	990.34	825.38	164.97	6.003		
9,000.00	6,840.00	8,833.29	6,840.00	90.30	85.89	-90.06	787.37	-3,745.99	990.33	820.44	169.88	5.829		
9,100.00	6,840.00	8,933.29	6,840.00	92.60	88.34	-90.06	787.82	-3,845.99	990.31	815.48	174.83	5.664		
9,200.00	6,840.00	9,033.29	6,840.00	94.93	90.80	-90.06	788.28	-3,945.99	990.29	810.49	179.80	5.508		
9,300.00	6,840.00	9,133.29	6,840.00	97.28	93.28	-90.06	788.73	-4,045.99	990.28	805.47	184.80	5.358		
9,400.00	6,840.00	9,233.29	6,840.00	99.65	95.77	-90.06	789.19	-4,145.99	990.26	800.43	189.83	5.217		
9,500.00	6,840.00	9,333.29	6,840.00	102.03	98.27	-90.06	789.64	-4,245.99	990.24	795.36	194.88	5.081		
9,600.00	6,840.00	9,433.29	6,840.00	104.43	100.78	-90.06	790.10	-4,345.99	990.22	790.28	199.94	4.952		
9,700.00	6,840.00	9,533.29	6,840.00	106.85	103.30	-90.06	790.55	-4,445.98	990.21	785.18	205.03	4.830		
9,800.00	6,840.00	9,633.29	6,840.00	109.29	105.84	-90.06	791.00	-4,545.98	990.19	780.05	210.14	4.712		
9,900.00	6,840.00	9,733.29	6,840.00	111.73	108.38	-90.06	791.46	-4,645.98	990.17	774.92	215.26	4.600		
10,000.00	6,840.00	9,833.29	6,840.00	114.19	110.93	-90.06	791.91	-4,745.98	990.16	769.76	220.39	4.493		
10,100.00	6,840.00	9,933.29	6,840.00	116.66	113.49	-90.06	792.37	-4,845.98	990.14	764.59	225.54	4.390		
10,200.00	6,840.00	10,033.29	6,840.00	119.15	116.06	-90.06	792.82	-4,945.98	990.12	759.41	230.71	4.292		
10,300.00	6,840.00	10,133.29	6,840.00	121.64	118.63	-90.06	793.28	-5,045.98	990.10	754.22	235.88	4.197		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,233.29	6,840.00	124.14	121.21	-90.06	793.73	-5,145.98	990.09	749.02	241.07	4.107		
10,500.00	6,840.00	10,333.29	6,840.00	126.65	123.80	-90.06	794.19	-5,245.98	990.07	743.80	246.27	4.020		
10,600.00	6,840.00	10,433.29	6,840.00	129.18	126.39	-90.06	794.64	-5,345.98	990.05	738.57	251.48	3.937		
10,700.00	6,840.00	10,533.29	6,840.00	131.70	128.99	-90.06	795.10	-5,445.97	990.04	733.34	256.70	3.857		
10,800.00	6,840.00	10,633.29	6,840.00	134.24	131.59	-90.06	795.55	-5,545.97	990.02	728.09	261.92	3.780		
10,900.00	6,840.00	10,733.29	6,840.00	136.79	134.19	-90.06	796.00	-5,645.97	990.00	722.84	267.16	3.706		
11,000.00	6,840.00	10,833.29	6,840.00	139.34	136.81	-90.06	796.46	-5,745.97	989.99	717.58	272.40	3.634		
11,100.00	6,840.00	10,933.29	6,840.00	141.90	139.42	-90.06	796.91	-5,845.97	989.97	712.31	277.66	3.565		
11,200.00	6,840.00	11,033.29	6,840.00	144.46	142.04	-90.06	797.37	-5,945.97	989.95	707.04	282.91	3.499		
11,300.00	6,840.00	11,133.29	6,840.00	147.03	144.66	-90.06	797.82	-6,045.97	989.93	701.75	288.18	3.435		
11,400.00	6,840.00	11,233.29	6,840.00	149.60	147.29	-90.06	798.28	-6,145.97	989.92	696.47	293.45	3.373		
11,500.00	6,840.00	11,333.29	6,840.00	152.18	149.92	-90.06	798.73	-6,245.97	989.90	691.17	298.73	3.314		
11,600.00	6,840.00	11,433.29	6,840.00	154.77	152.55	-90.06	799.19	-6,345.96	989.88	685.87	304.01	3.256		
11,700.00	6,840.00	11,533.29	6,840.00	157.36	155.19	-90.06	799.64	-6,445.96	989.87	680.56	309.30	3.200		
11,800.00	6,840.00	11,633.29	6,840.00	159.95	157.83	-90.06	800.09	-6,545.96	989.85	675.25	314.59	3.146		
11,900.00	6,840.00	11,733.29	6,840.00	162.55	160.47	-90.06	800.55	-6,645.96	989.83	669.94	319.89	3.094		
12,000.00	6,840.00	11,833.29	6,840.00	165.16	163.11	-90.06	801.00	-6,745.96	989.81	664.62	325.20	3.044		
12,100.00	6,840.00	11,933.29	6,840.00	167.76	165.76	-90.06	801.46	-6,845.96	989.80	659.29	330.51	2.995		
12,200.00	6,840.00	12,033.29	6,840.00	170.37	168.41	-90.06	801.91	-6,945.96	989.78	653.96	335.82	2.947		
12,300.00	6,840.00	12,133.29	6,840.00	172.99	171.06	-90.06	802.37	-7,045.96	989.76	648.63	341.13	2.901		
12,400.00	6,840.00	12,233.29	6,840.00	175.60	173.72	-90.06	802.82	-7,145.96	989.75	643.29	346.45	2.857		
12,500.00	6,840.00	12,333.29	6,840.00	178.23	176.37	-90.06	803.28	-7,245.96	989.73	637.95	351.78	2.814		
12,600.00	6,840.00	12,433.29	6,840.00	180.85	179.03	-90.06	803.73	-7,345.95	989.71	632.61	357.10	2.771		
12,700.00	6,840.00	12,533.29	6,840.00	183.47	181.69	-90.06	804.19	-7,445.95	989.70	627.26	362.43	2.731		
12,800.00	6,840.00	12,633.29	6,840.00	186.10	184.35	-90.06	804.64	-7,545.95	989.68	621.91	367.77	2.691		
12,900.00	6,840.00	12,733.29	6,840.00	188.74	187.01	-90.06	805.09	-7,645.95	989.66	616.56	373.10	2.653		
13,000.00	6,840.00	12,833.29	6,840.00	191.37	189.68	-90.06	805.55	-7,745.95	989.64	611.20	378.44	2.615		
13,100.00	6,840.00	12,933.29	6,840.00	194.01	192.34	-90.06	806.00	-7,845.95	989.63	605.84	383.79	2.579		
13,200.00	6,840.00	13,033.29	6,840.00	196.65	195.01	-90.06	806.46	-7,945.95	989.61	600.48	389.13	2.543		
13,300.00	6,840.00	13,133.29	6,840.00	199.29	197.68	-90.06	806.91	-8,045.95	989.59	595.11	394.48	2.509		
13,400.00	6,840.00	13,233.29	6,840.00	201.93	200.35	-90.06	807.37	-8,145.95	989.58	589.75	399.83	2.475		
13,500.00	6,840.00	13,333.29	6,840.00	204.58	203.02	-90.06	807.82	-8,245.95	989.56	584.38	405.18	2.442		
13,600.00	6,840.00	13,433.29	6,840.00	207.22	205.69	-90.06	808.28	-8,345.94	989.54	579.01	410.54	2.410		
13,700.00	6,840.00	13,533.29	6,840.00	209.87	208.37	-90.06	808.73	-8,445.94	989.52	573.63	415.89	2.379		
13,800.00	6,840.00	13,633.29	6,840.00	212.52	211.04	-90.06	809.19	-8,545.94	989.51	568.25	421.25	2.349		
13,900.00	6,840.00	13,733.29	6,840.00	215.18	213.72	-90.06	809.64	-8,645.94	989.49	562.88	426.61	2.319		
14,000.00	6,840.00	13,833.29	6,840.00	217.83	216.40	-90.06	810.09	-8,745.94	989.47	557.50	431.98	2.291		
14,100.00	6,840.00	13,933.29	6,840.00	220.49	219.08	-90.06	810.55	-8,845.94	989.46	552.11	437.34	2.262		
14,200.00	6,840.00	14,033.29	6,840.00	223.15	221.76	-90.06	811.00	-8,945.94	989.44	546.73	442.71	2.235		
14,300.00	6,840.00	14,133.29	6,840.00	225.81	224.44	-90.06	811.46	-9,045.94	989.42	541.34	448.08	2.208		
14,400.00	6,840.00	14,233.29	6,840.00	228.47	227.12	-90.06	811.91	-9,145.94	989.41	535.96	453.45	2.182		
14,500.00	6,840.00	14,333.29	6,840.00	231.13	229.80	-90.06	812.37	-9,245.93	989.39	530.57	458.82	2.156		
14,600.00	6,840.00	14,433.29	6,840.00	233.79	232.48	-90.06	812.82	-9,345.93	989.37	525.18	464.19	2.131		
14,700.00	6,840.00	14,533.29	6,840.00	236.46	235.17	-90.06	813.28	-9,445.93	989.35	519.79	469.57	2.107		
14,800.00	6,840.00	14,633.29	6,840.00	239.12	237.85	-90.06	813.73	-9,545.93	989.34	514.39	474.95	2.083		
14,900.00	6,840.00	14,733.29	6,840.00	241.79	240.54	-90.06	814.19	-9,645.93	989.32	509.00	480.32	2.060		
15,000.00	6,840.00	14,833.29	6,840.00	244.46	243.23	-90.06	814.64	-9,745.93	989.30	503.60	485.70	2.037		
15,100.00	6,840.00	14,933.29	6,840.00	247.13	245.91	-90.06	815.09	-9,845.93	989.29	498.20	491.08	2.014		
15,200.00	6,840.00	15,033.29	6,840.00	249.80	248.60	-90.06	815.55	-9,945.93	989.27	492.80	496.47	1.993		
15,300.00	6,840.00	15,133.29	6,840.00	252.47	251.29	-90.06	816.00	-10,045.93	989.25	487.40	501.85	1.971		
15,400.00	6,840.00	15,233.29	6,840.00	255.15	253.98	-90.06	816.46	-10,145.93	989.24	482.00	507.23	1.950		
15,500.00	6,840.00	15,333.29	6,840.00	257.82	256.67	-90.06	816.91	-10,245.92	989.22	476.60	512.62	1.930		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,433.29	6,840.00	260.50	259.36	-90.06	817.37	-10,345.92	989.20	471.20	518.00	1.910		
15,700.00	6,840.00	15,533.29	6,840.00	263.17	262.05	-90.06	817.82	-10,445.92	989.18	465.79	523.39	1.890		
15,800.00	6,840.00	15,633.29	6,840.00	265.85	264.74	-90.06	818.28	-10,545.92	989.17	460.39	528.78	1.871		
15,900.00	6,840.00	15,733.29	6,840.00	268.53	267.43	-90.06	818.73	-10,645.92	989.15	454.98	534.17	1.852		
16,000.00	6,840.00	15,833.29	6,840.00	271.20	270.13	-90.06	819.18	-10,745.92	989.13	449.57	539.56	1.833		
16,100.00	6,840.00	15,933.29	6,840.00	273.88	272.82	-90.06	819.64	-10,845.92	989.12	444.16	544.95	1.815		
16,200.00	6,840.00	16,033.29	6,840.00	276.56	275.52	-90.06	820.09	-10,945.92	989.10	438.75	550.35	1.797		
16,300.00	6,840.00	16,133.29	6,840.00	279.25	278.21	-90.06	820.55	-11,045.92	989.08	433.34	555.74	1.780		
16,400.00	6,840.00	16,233.29	6,840.00	281.93	280.90	-90.06	821.00	-11,145.92	989.06	427.93	561.14	1.763		
16,500.00	6,840.00	16,333.29	6,840.00	284.61	283.60	-90.06	821.46	-11,245.91	989.05	422.52	566.53	1.746		
16,600.00	6,840.00	16,433.29	6,840.00	287.29	286.30	-90.06	821.91	-11,345.91	989.03	417.10	571.93	1.729		
16,700.00	6,840.00	16,533.29	6,840.00	289.98	288.99	-90.06	822.37	-11,445.91	989.01	411.69	577.32	1.713		
16,800.00	6,840.00	16,633.29	6,840.00	292.66	291.69	-90.06	822.82	-11,545.91	989.00	406.27	582.72	1.697		
16,900.00	6,840.00	16,733.29	6,840.00	295.35	294.39	-90.06	823.28	-11,645.91	988.98	400.86	588.12	1.682		
17,000.00	6,840.00	16,833.29	6,840.00	298.03	297.08	-90.06	823.73	-11,745.91	988.96	395.44	593.52	1.666		
17,100.00	6,840.00	16,933.29	6,840.00	300.72	299.78	-90.06	824.18	-11,845.91	988.95	390.03	598.92	1.651		
17,200.00	6,840.00	17,033.29	6,840.00	303.41	302.48	-90.06	824.64	-11,945.91	988.93	384.61	604.32	1.636		
17,300.00	6,840.00	17,133.29	6,840.00	306.09	305.18	-90.06	825.09	-12,045.91	988.91	379.19	609.72	1.622		
17,400.00	6,840.00	17,233.29	6,840.00	308.78	307.88	-90.06	825.55	-12,145.91	988.89	373.77	615.12	1.608		
17,500.00	6,840.00	17,333.29	6,840.00	311.47	310.58	-90.06	826.00	-12,245.90	988.88	368.35	620.53	1.594		
17,600.00	6,840.00	17,433.29	6,840.00	314.16	313.28	-90.06	826.46	-12,345.90	988.86	362.93	625.93	1.580		
17,700.00	6,840.00	17,533.29	6,840.00	316.85	315.98	-90.06	826.91	-12,445.90	988.84	357.51	631.33	1.566		
17,800.00	6,840.00	17,633.29	6,840.00	319.54	318.68	-90.06	827.37	-12,545.90	988.83	352.09	636.74	1.553		
17,900.00	6,840.00	17,733.29	6,840.00	322.23	321.38	-90.06	827.82	-12,645.90	988.81	346.66	642.14	1.540		
18,000.00	6,840.00	17,833.29	6,840.00	324.92	324.08	-90.06	828.28	-12,745.90	988.79	341.24	647.55	1.527		
18,100.00	6,840.00	17,933.29	6,840.00	327.62	326.78	-90.06	828.73	-12,845.90	988.77	335.82	652.96	1.514		
18,200.00	6,840.00	18,033.29	6,840.00	330.31	329.49	-90.06	829.18	-12,945.90	988.76	330.39	658.36	1.502		
18,300.00	6,840.00	18,133.29	6,840.00	333.00	332.19	-90.06	829.64	-13,045.90	988.74	324.97	663.77	1.490 Level 3		
18,400.00	6,840.00	18,233.29	6,840.00	335.70	334.89	-90.06	830.09	-13,145.89	988.72	319.54	669.18	1.478 Level 3		
18,500.00	6,840.00	18,333.29	6,840.00	338.39	337.59	-90.06	830.55	-13,245.89	988.71	314.12	674.59	1.466 Level 3		
18,600.00	6,840.00	18,433.29	6,840.00	341.08	340.30	-90.06	831.00	-13,345.89	988.69	308.69	680.00	1.454 Level 3		
18,700.00	6,840.00	18,533.29	6,840.00	343.78	343.00	-90.06	831.46	-13,445.89	988.67	303.27	685.41	1.442 Level 3		
18,800.00	6,840.00	18,633.29	6,840.00	346.47	345.70	-90.06	831.91	-13,545.89	988.66	297.84	690.82	1.431 Level 3		
18,900.00	6,840.00	18,733.29	6,840.00	349.17	348.41	-90.06	832.37	-13,645.89	988.64	292.41	696.23	1.420 Level 3		
19,000.00	6,840.00	18,833.29	6,840.00	351.86	351.11	-90.06	832.82	-13,745.89	988.62	286.98	701.64	1.409 Level 3		
19,100.00	6,840.00	18,933.29	6,840.00	354.56	353.81	-90.06	833.28	-13,845.89	988.60	281.56	707.05	1.398 Level 3		
19,200.00	6,840.00	19,033.29	6,840.00	357.26	356.52	-90.06	833.73	-13,945.89	988.59	276.13	712.46	1.388 Level 3		
19,300.00	6,840.00	19,133.29	6,840.00	359.95	359.22	-90.06	834.18	-14,045.89	988.57	270.70	717.87	1.377 Level 3		
19,400.00	6,840.00	19,233.29	6,840.00	362.65	361.93	-90.06	834.64	-14,145.88	988.55	265.27	723.29	1.367 Level 3		
19,500.00	6,840.00	19,333.29	6,840.00	365.35	364.63	-90.06	835.09	-14,245.88	988.54	259.84	728.70	1.357 Level 3		
19,600.00	6,840.00	19,433.29	6,840.00	368.05	367.34	-90.06	835.55	-14,345.88	988.52	254.41	734.11	1.347 Level 3		
19,700.00	6,840.00	19,533.30	6,840.00	370.74	370.05	-90.06	836.00	-14,445.88	988.50	248.98	739.53	1.337 Level 3		
19,800.00	6,840.00	19,633.30	6,840.00	373.44	372.75	-90.06	836.46	-14,545.88	988.48	243.54	744.94	1.327 Level 3		
19,900.00	6,840.00	19,733.30	6,840.00	376.14	375.46	-90.06	836.91	-14,645.88	988.47	238.11	750.35	1.317 Level 3		
20,000.00	6,840.00	19,833.30	6,840.00	378.84	378.16	-90.06	837.37	-14,745.88	988.45	232.68	755.77	1.308 Level 3		
20,100.00	6,840.00	19,933.30	6,840.00	381.54	380.87	-90.06	837.82	-14,845.88	988.43	227.25	761.18	1.299 Level 3		
20,200.00	6,840.00	20,033.30	6,840.00	384.24	383.58	-90.06	838.27	-14,945.88	988.42	221.82	766.60	1.289 Level 3		
20,300.00	6,840.00	20,133.30	6,840.00	386.94	386.28	-90.06	838.73	-15,045.88	988.40	216.38	772.02	1.280 Level 3		
20,400.00	6,840.00	20,233.30	6,840.00	389.64	388.99	-90.06	839.18	-15,145.87	988.38	210.95	777.43	1.271 Level 3		
20,500.00	6,840.00	20,333.30	6,840.00	392.34	391.70	-90.06	839.64	-15,245.87	988.37	205.52	782.85	1.263 Level 3		
20,600.00	6,840.00	20,433.30	6,840.00	395.04	394.40	-90.06	840.09	-15,345.87	988.35	200.08	788.27	1.254 Level 3		
20,608.51	6,840.00	20,441.81	6,840.00	395.27	394.63	-90.06	840.13	-15,354.39	988.35	199.62	788.73	1.253 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,609.76	6,840.00	20,438.34	6,840.00	395.31	394.54	-90.06	840.12	-15,350.91	988.36	199.89	788.46	1.254 Level 3	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.82	-89.99	-0.28	89.99					
100.00	100.00	101.00	99.00	0.13	0.14	-179.82	-89.99	-0.28	89.99	89.72	0.27	330.304		
200.00	200.00	201.00	199.00	0.49	0.50	-179.82	-89.99	-0.28	89.99	89.00	0.99	90.953		
300.00	300.00	301.00	299.00	0.85	0.85	-179.82	-89.99	-0.28	89.99	88.28	1.71	52.738		
400.00	400.00	401.00	399.00	1.21	1.21	-179.82	-89.99	-0.28	89.99	87.56	2.42	37.135 CC, ES		
500.00	499.98	501.02	498.98	1.57	1.57	-131.38	-89.99	-0.28	91.13	87.99	3.14	29.038		
600.00	599.84	601.16	598.84	1.93	1.93	-133.70	-89.99	-0.28	94.67	90.82	3.86	24.549		
700.00	699.45	701.55	698.45	2.29	2.29	-137.19	-89.99	-0.28	100.90	96.32	4.58	22.021		
800.00	798.70	797.70	797.70	2.67	2.64	-141.37	-89.99	-0.28	110.17	104.87	5.30	20.791		
900.00	897.47	898.54	898.52	3.07	2.99	-145.18	-89.56	-1.92	122.00	115.97	6.03	20.227		
1,000.00	995.62	999.79	999.63	3.50	3.35	-147.79	-88.23	-7.02	135.36	128.59	6.77	19.995		
1,100.00	1,093.06	1,101.37	1,100.82	3.97	3.71	-149.45	-85.99	-15.60	149.98	142.46	7.52	19.935		
1,200.00	1,189.64	1,203.26	1,201.92	4.47	4.09	-150.37	-82.84	-27.70	165.72	157.42	8.30	19.968		
1,300.00	1,285.27	1,305.40	1,302.78	5.01	4.49	-150.71	-78.77	-43.31	182.47	173.37	9.10	20.041		
1,400.00	1,379.82	1,407.77	1,403.22	5.61	4.91	-150.60	-73.78	-62.43	200.20	190.25	9.95	20.121		
1,500.00	1,473.17	1,510.34	1,503.08	6.25	5.36	-150.14	-67.88	-85.06	218.88	208.03	10.85	20.179		
1,600.00	1,565.21	1,613.06	1,602.19	6.96	5.86	-149.43	-61.08	-111.18	238.52	226.72	11.80	20.206		
1,700.00	1,656.01	1,715.97	1,700.45	7.72	6.40	-148.57	-53.36	-140.77	258.80	245.97	12.84	20.161		
1,800.00	1,746.60	1,819.37	1,798.00	8.50	6.99	-147.34	-44.72	-173.93	277.59	263.64	13.96	19.890		
1,900.00	1,837.19	1,919.88	1,891.78	9.30	7.62	-145.80	-35.60	-208.90	294.93	279.77	15.16	19.454		
2,000.00	1,927.79	2,018.09	1,983.31	10.12	8.26	-144.41	-26.62	-243.36	312.29	295.89	16.41	19.035		
2,100.00	2,018.38	2,116.30	2,074.84	10.93	8.92	-143.16	-17.63	-277.82	329.82	312.13	17.69	18.645		
2,200.00	2,108.97	2,214.51	2,166.37	11.76	9.59	-142.04	-8.65	-312.28	347.48	328.47	19.00	18.284		
2,300.00	2,199.56	2,312.73	2,257.89	12.59	10.28	-141.03	0.33	-346.74	365.25	344.91	20.34	17.954		
2,400.00	2,290.15	2,410.94	2,349.42	13.43	10.97	-140.11	9.32	-381.20	383.13	361.42	21.71	17.651		
2,500.00	2,380.75	2,509.15	2,440.95	14.26	11.67	-139.28	18.30	-415.66	401.09	378.00	23.09	17.374		
2,600.00	2,471.34	2,607.36	2,532.48	15.11	12.38	-138.51	27.28	-450.12	419.13	394.64	24.48	17.120		
2,700.00	2,561.93	2,705.57	2,624.01	15.95	13.09	-137.81	36.27	-484.58	437.23	411.34	25.89	16.888		
2,800.00	2,652.52	2,803.79	2,715.53	16.80	13.80	-137.17	45.25	-519.04	455.39	428.08	27.31	16.675		
2,900.00	2,743.12	2,902.00	2,807.06	17.64	14.53	-136.57	54.23	-553.50	473.61	444.87	28.74	16.479		
3,000.00	2,833.71	3,000.21	2,898.59	18.49	15.25	-136.02	63.22	-587.96	491.87	461.69	30.18	16.299		
3,100.00	2,924.30	3,101.58	2,990.12	19.35	16.00	-135.51	72.20	-622.42	510.17	478.52	31.64	16.122		
3,200.00	3,014.89	3,203.36	3,081.65	20.20	16.75	-135.03	81.18	-656.88	528.51	495.38	33.12	15.956		
3,300.00	3,105.48	3,294.85	3,173.18	21.05	17.44	-134.58	90.17	-691.34	546.88	512.35	34.53	15.837		
3,400.00	3,196.08	3,406.94	3,264.70	21.91	18.27	-134.17	99.15	-725.80	565.28	529.18	36.09	15.662		
3,500.00	3,286.67	3,508.73	3,356.23	22.76	19.03	-133.78	108.14	-760.26	583.71	546.12	37.59	15.530		
3,600.00	3,377.26	3,589.48	3,447.76	23.62	19.64	-133.41	117.12	-794.72	602.16	563.23	38.93	15.468		
3,700.00	3,467.85	3,687.70	3,539.29	24.47	20.38	-133.07	126.10	-829.18	620.63	580.23	40.40	15.361		
3,800.00	3,558.45	3,785.91	3,630.82	25.33	21.12	-132.74	135.09	-863.64	639.13	597.25	41.88	15.261		
3,900.00	3,649.04	3,884.12	3,722.35	26.19	21.86	-132.44	144.07	-898.10	657.64	614.28	43.36	15.167		
4,000.00	3,739.63	3,982.33	3,813.87	27.05	22.60	-132.15	153.05	-932.56	676.17	631.33	44.84	15.079		
4,100.00	3,830.22	4,080.54	3,905.40	27.90	23.34	-131.87	162.04	-967.02	694.72	648.39	46.33	14.996		
4,200.00	3,920.81	4,178.76	3,996.93	28.76	24.08	-131.62	171.02	-1,001.48	713.28	665.47	47.81	14.918		
4,300.00	4,011.41	4,276.97	4,088.46	29.62	24.82	-131.37	180.00	-1,035.94	731.86	682.55	49.30	14.844		
4,400.00	4,102.00	4,375.18	4,179.99	30.48	25.57	-131.13	188.99	-1,070.40	750.44	699.65	50.79	14.775		
4,500.00	4,192.59	4,473.39	4,271.51	31.34	26.31	-130.91	197.97	-1,104.86	769.04	716.76	52.28	14.709		
4,600.00	4,283.18	4,571.61	4,363.04	32.20	27.06	-130.70	206.95	-1,139.32	787.65	733.87	53.78	14.646		
4,700.00	4,373.78	4,669.82	4,454.57	33.06	27.80	-130.50	215.94	-1,173.78	806.27	751.00	55.27	14.587		
4,800.00	4,464.37	4,768.03	4,546.10	33.92	28.55	-130.30	224.92	-1,208.24	824.90	768.13	56.77	14.531		
4,900.00	4,554.96	4,866.24	4,637.63	34.78	29.29	-130.12	233.91	-1,242.70	843.54	785.27	58.27	14.478		
5,000.00	4,645.55	4,964.45	4,729.16	35.64	30.04	-129.94	242.89	-1,277.16	862.18	802.42	59.76	14.427		
5,100.00	4,736.14	5,062.67	4,820.68	36.51	30.79	-129.77	251.87	-1,311.62	880.84	819.58	61.26	14.378		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.86	-112.57	-0.28	112.57					
100.00	100.00	101.00	99.00	0.13	0.14	-179.86	-112.57	-0.28	112.57	112.30	0.27	413.195		
200.00	200.00	201.00	199.00	0.49	0.50	-179.86	-112.57	-0.28	112.57	111.58	0.99	113.778		
300.00	300.00	301.00	299.00	0.85	0.85	-179.86	-112.57	-0.28	112.57	110.86	1.71	65.972		
400.00	400.00	401.00	399.00	1.21	1.21	-179.86	-112.57	-0.28	112.57	110.15	2.42	46.454	CC, ES	
500.00	499.98	501.02	498.98	1.57	1.57	-131.25	-112.57	-0.28	113.71	110.58	3.14	36.234		
600.00	599.84	601.16	598.84	1.93	1.93	-133.12	-112.57	-0.28	117.23	113.37	3.86	30.398		
700.00	699.45	701.55	698.45	2.29	2.29	-135.98	-112.57	-0.28	123.36	118.78	4.58	26.922		
800.00	798.70	802.30	797.70	2.67	2.65	-139.52	-112.57	-0.28	132.42	127.10	5.32	24.907		
900.00	897.47	903.53	896.47	3.07	3.01	-143.38	-112.57	-0.28	144.72	138.66	6.06	23.884		
1,000.00	995.62	994.62	994.62	3.50	3.34	-147.25	-112.57	-0.28	160.51	153.74	6.77	23.707		
1,100.00	1,093.06	1,094.75	1,094.73	3.97	3.69	-150.56	-112.40	-1.84	179.25	171.74	7.51	23.864		
1,200.00	1,189.64	1,195.43	1,195.28	4.47	4.04	-152.80	-111.83	-6.90	199.88	191.62	8.26	24.204		
1,300.00	1,285.27	1,296.49	1,295.96	5.01	4.40	-154.19	-110.87	-15.51	222.09	213.07	9.02	24.617		
1,400.00	1,379.82	1,397.88	1,396.60	5.61	4.77	-154.92	-109.51	-27.69	245.70	235.89	9.81	25.048		
1,500.00	1,473.17	1,499.52	1,497.00	6.25	5.16	-155.14	-107.76	-43.45	270.62	259.99	10.63	25.464		
1,600.00	1,565.21	1,601.38	1,596.97	6.96	5.57	-154.97	-105.60	-62.78	296.79	285.30	11.49	25.839		
1,700.00	1,656.01	1,703.48	1,696.43	7.72	6.01	-154.58	-103.04	-85.69	323.85	311.45	12.39	26.131		
1,800.00	1,746.60	1,806.35	1,795.75	8.50	6.49	-153.87	-100.07	-112.32	349.54	336.18	13.36	26.163		
1,900.00	1,837.19	1,909.87	1,894.65	9.30	7.01	-152.75	-96.69	-142.68	373.51	359.11	14.40	25.940		
2,000.00	1,927.79	2,013.77	1,992.75	10.12	7.59	-151.29	-92.89	-176.69	395.89	380.36	15.53	25.493		
2,100.00	2,018.38	2,115.13	2,087.27	10.93	8.21	-149.60	-88.84	-213.04	416.96	400.21	16.75	24.897		
2,200.00	2,108.97	2,212.23	2,177.58	11.76	8.83	-148.05	-84.89	-248.50	438.03	420.04	17.99	24.346		
2,300.00	2,199.56	2,309.33	2,267.88	12.59	9.47	-146.65	-80.93	-283.96	459.38	440.11	19.27	23.834		
2,400.00	2,290.15	2,406.42	2,358.19	13.43	10.13	-145.37	-76.98	-319.41	480.97	460.39	20.59	23.361		
2,500.00	2,380.75	2,503.52	2,448.49	14.26	10.80	-144.21	-73.02	-354.87	502.78	480.85	21.93	22.926		
2,600.00	2,471.34	2,600.62	2,538.80	15.11	11.48	-143.13	-69.07	-390.33	524.77	501.47	23.30	22.526		
2,700.00	2,561.93	2,702.29	2,629.10	15.95	12.20	-142.15	-65.11	-425.78	546.92	522.20	24.71	22.132		
2,800.00	2,652.52	2,805.19	2,719.41	16.80	12.94	-141.24	-61.16	-461.24	569.21	543.06	26.15	21.764		
2,900.00	2,743.12	2,908.09	2,809.71	17.64	13.69	-140.40	-57.21	-496.70	591.63	564.02	27.61	21.428		
3,000.00	2,833.71	2,989.00	2,900.02	18.49	14.28	-139.62	-53.25	-532.15	614.16	585.24	28.92	21.235		
3,100.00	2,924.30	3,086.10	2,990.32	19.35	14.99	-138.89	-49.30	-567.61	636.80	606.44	30.36	20.975		
3,200.00	3,014.89	3,183.20	3,080.63	20.20	15.71	-138.22	-45.34	-603.07	659.52	627.72	31.81	20.736		
3,300.00	3,105.48	3,280.29	3,170.93	21.05	16.43	-137.58	-41.39	-638.52	682.33	649.07	33.26	20.515		
3,400.00	3,196.08	3,377.39	3,261.24	21.91	17.16	-136.99	-37.43	-673.98	705.21	670.49	34.72	20.311		
3,500.00	3,286.67	3,474.49	3,351.54	22.76	17.89	-136.44	-33.48	-709.44	728.16	691.97	36.19	20.122		
3,600.00	3,377.26	3,571.59	3,441.85	23.62	18.61	-135.92	-29.52	-744.89	751.17	713.51	37.66	19.946		
3,700.00	3,467.85	3,668.68	3,532.15	24.47	19.35	-135.43	-25.57	-780.35	774.23	735.10	39.14	19.783		
3,800.00	3,558.45	3,765.78	3,622.46	25.33	20.08	-134.97	-21.62	-815.81	797.35	756.73	40.62	19.631		
3,900.00	3,649.04	3,862.88	3,712.76	26.19	20.81	-134.54	-17.66	-851.26	820.51	778.41	42.10	19.489		
4,000.00	3,739.63	3,959.97	3,803.07	27.05	21.55	-134.13	-13.71	-886.72	843.71	800.12	43.59	19.356		
4,100.00	3,830.22	4,057.07	3,893.37	27.90	22.29	-133.74	-9.75	-922.18	866.95	821.87	45.08	19.232		
4,200.00	3,920.81	4,154.17	3,983.68	28.76	23.03	-133.37	-5.80	-957.63	890.23	843.66	46.57	19.115		
4,300.00	4,011.41	4,251.26	4,073.98	29.62	23.77	-133.02	-1.84	-993.09	913.54	865.47	48.07	19.005		
4,400.00	4,102.00	4,348.36	4,164.29	30.48	24.51	-132.69	2.11	-1,028.55	936.88	887.32	49.57	18.902		
4,500.00	4,192.59	4,445.46	4,254.59	31.34	25.25	-132.37	6.07	-1,064.00	960.26	909.19	51.07	18.804		
4,600.00	4,283.18	4,542.55	4,344.90	32.20	26.00	-132.07	10.02	-1,099.46	983.65	931.09	52.57	18.712		
4,700.00	4,373.78	4,639.65	4,435.20	33.06	26.74	-131.78	13.97	-1,134.92	1,007.07	953.00	54.07	18.626		
4,800.00	4,464.37	4,736.75	4,525.51	33.92	27.48	-131.51	17.93	-1,170.37	1,030.52	974.94	55.57	18.543		
4,900.00	4,554.96	4,833.85	4,615.81	34.78	28.23	-131.24	21.88	-1,205.83	1,053.98	996.90	57.08	18.465		
5,000.00	4,645.55	4,930.94	4,706.12	35.64	28.97	-130.99	25.84	-1,241.29	1,077.47	1,018.88	58.59	18.391		
5,100.00	4,736.14	5,028.04	4,796.42	36.51	29.72	-130.75	29.79	-1,276.74	1,100.97	1,040.88	60.09	18.321		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,609.76	6,840.00	20,389.92	6,840.00	395.31	394.08	-90.06	-149.33	-15,350.69	1,977.81	1,189.52	788.28	2.509	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.90	-157.38	-0.28	157.38					
100.00	100.00	101.00	99.00	0.13	0.14	-179.90	-157.38	-0.28	157.38	157.11	0.27	577.670		
200.00	200.00	201.00	199.00	0.49	0.50	-179.90	-157.38	-0.28	157.38	156.39	0.99	159.069		
300.00	300.00	301.00	299.00	0.85	0.85	-179.90	-157.38	-0.28	157.38	155.67	1.71	92.233		
400.00	400.00	401.00	399.00	1.21	1.21	-179.90	-157.38	-0.28	157.38	154.96	2.42	64.945 CC, ES		
500.00	499.98	501.02	498.98	1.57	1.57	-131.10	-157.38	-0.28	158.52	155.38	3.14	50.511		
600.00	599.84	601.16	598.84	1.93	1.93	-132.44	-157.38	-0.28	162.01	158.15	3.86	42.010		
700.00	699.45	701.55	698.45	2.29	2.29	-134.54	-157.38	-0.28	168.02	163.44	4.58	36.669		
800.00	798.70	797.70	797.70	2.67	2.64	-137.23	-157.38	-0.28	176.81	171.51	5.30	33.355		
900.00	897.47	896.38	896.36	3.07	2.98	-139.79	-157.67	-1.87	188.66	182.63	6.03	31.298		
1,000.00	995.62	995.03	994.88	3.50	3.32	-141.65	-158.58	-6.80	203.54	196.78	6.76	30.107		
1,100.00	1,093.06	1,093.54	1,093.02	3.97	3.67	-142.86	-160.11	-15.05	221.24	213.72	7.51	29.446		
1,200.00	1,189.64	1,191.78	1,190.56	4.47	4.03	-143.51	-162.24	-26.58	241.61	233.32	8.29	29.133		
1,300.00	1,285.27	1,289.63	1,287.25	5.01	4.40	-143.70	-164.96	-41.32	264.57	255.46	9.11	29.048		
1,400.00	1,379.82	1,386.96	1,382.86	5.61	4.80	-143.53	-168.26	-59.20	290.05	280.08	9.97	29.105		
1,500.00	1,473.17	1,483.66	1,477.19	6.25	5.22	-143.08	-172.13	-80.12	318.00	307.13	10.88	29.242		
1,600.00	1,565.21	1,579.63	1,570.04	6.96	5.67	-142.41	-176.53	-103.96	348.42	336.58	11.84	29.416		
1,700.00	1,656.01	1,674.86	1,661.32	7.72	6.16	-141.76	-181.46	-130.62	380.98	368.10	12.88	29.578		
1,800.00	1,746.60	1,769.83	1,751.41	8.50	6.68	-140.98	-186.92	-160.17	413.78	399.80	13.98	29.594		
1,900.00	1,837.19	1,864.40	1,840.10	9.30	7.25	-139.89	-192.88	-192.45	446.54	431.39	15.15	29.476		
2,000.00	1,927.79	1,958.49	1,927.97	10.12	7.84	-138.83	-198.99	-225.53	479.42	463.05	16.37	29.287		
2,100.00	2,018.38	2,052.58	2,015.84	10.93	8.46	-137.91	-205.10	-258.61	512.43	494.82	17.62	29.084		
2,200.00	2,108.97	2,146.67	2,103.72	11.76	9.09	-137.09	-211.21	-291.68	545.55	526.66	18.89	28.877		
2,300.00	2,199.56	2,240.76	2,191.59	12.59	9.73	-136.37	-217.32	-324.76	578.75	558.56	20.19	28.672		
2,400.00	2,290.15	2,334.85	2,279.46	13.43	10.38	-135.73	-223.43	-357.83	612.03	590.53	21.49	28.474		
2,500.00	2,380.75	2,428.94	2,367.33	14.26	11.03	-135.15	-229.54	-390.91	645.36	622.54	22.82	28.284		
2,600.00	2,471.34	2,523.03	2,455.21	15.11	11.70	-134.63	-235.65	-423.99	678.75	654.60	24.15	28.105		
2,700.00	2,561.93	2,617.12	2,543.08	15.95	12.37	-134.16	-241.76	-457.06	712.19	686.69	25.49	27.935		
2,800.00	2,652.52	2,711.21	2,630.95	16.80	13.04	-133.73	-247.87	-490.14	745.66	718.81	26.85	27.776		
2,900.00	2,743.12	2,805.30	2,718.82	17.64	13.72	-133.34	-253.98	-523.22	779.17	750.96	28.20	27.627		
3,000.00	2,833.71	2,900.61	2,806.70	18.49	14.41	-132.98	-260.09	-556.29	812.70	783.13	29.58	27.479		
3,100.00	2,924.30	3,006.52	2,894.57	19.35	15.18	-132.65	-266.20	-589.37	846.27	815.24	31.03	27.272		
3,200.00	3,014.89	3,087.57	2,982.44	20.20	15.77	-132.34	-272.31	-622.44	879.86	847.55	32.31	27.232		
3,300.00	3,105.48	3,181.66	3,070.31	21.05	16.46	-132.06	-278.42	-655.52	913.46	879.78	33.69	27.116		
3,400.00	3,196.08	3,275.75	3,158.19	21.91	17.15	-131.79	-284.53	-688.60	947.09	912.02	35.07	27.008		
3,500.00	3,286.67	3,369.84	3,246.06	22.76	17.84	-131.55	-290.64	-721.67	980.73	944.28	36.45	26.905		
3,600.00	3,377.26	3,463.93	3,333.93	23.62	18.53	-131.32	-296.75	-754.75	1,014.39	976.55	37.84	26.809		
3,700.00	3,467.85	3,558.02	3,421.80	24.47	19.23	-131.10	-302.86	-787.83	1,048.06	1,008.84	39.23	26.718		
3,800.00	3,558.45	3,652.11	3,509.68	25.33	19.92	-130.90	-308.97	-820.90	1,081.75	1,041.13	40.62	26.633		
3,900.00	3,649.04	3,746.20	3,597.55	26.19	20.62	-130.71	-315.08	-853.98	1,115.44	1,073.43	42.01	26.552		
4,000.00	3,739.63	3,840.29	3,685.42	27.05	21.32	-130.53	-321.19	-887.05	1,149.15	1,105.74	43.40	26.475		
4,100.00	3,830.22	3,934.38	3,773.29	27.90	22.02	-130.37	-327.30	-920.13	1,182.86	1,138.06	44.80	26.402		
4,200.00	3,920.81	4,028.47	3,861.17	28.76	22.72	-130.21	-333.41	-953.21	1,216.59	1,170.39	46.20	26.334		
4,300.00	4,011.41	4,122.56	3,949.04	29.62	23.42	-130.06	-339.52	-986.28	1,250.32	1,202.72	47.60	26.268		
4,400.00	4,102.00	4,216.65	4,036.91	30.48	24.12	-129.91	-345.63	-1,019.36	1,284.05	1,235.06	49.00	26.206		
4,500.00	4,192.59	4,310.74	4,124.78	31.34	24.82	-129.78	-351.74	-1,052.44	1,317.80	1,267.40	50.40	26.147		
4,600.00	4,283.18	4,404.83	4,212.66	32.20	25.52	-129.65	-357.85	-1,085.51	1,351.55	1,299.75	51.80	26.091		
4,700.00	4,373.78	4,501.08	4,300.53	33.06	26.24	-129.53	-363.96	-1,118.59	1,385.31	1,332.09	53.22	26.029		
4,800.00	4,464.37	4,606.99	4,388.40	33.92	27.03	-129.41	-370.07	-1,151.66	1,419.07	1,364.36	54.71	25.936		
4,900.00	4,554.96	4,687.10	4,476.27	34.78	27.63	-129.30	-376.18	-1,184.74	1,452.84	1,396.82	56.01	25.937		
5,000.00	4,645.55	4,781.19	4,564.15	35.64	28.33	-129.20	-382.29	-1,217.82	1,486.61	1,429.19	57.42	25.890		
5,100.00	4,736.14	4,875.28	4,652.02	36.51	29.04	-129.09	-388.40	-1,250.89	1,520.38	1,461.56	58.83	25.845		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,969.37	4,739.89	37.37	29.74	-129.00	-394.51	-1,283.97	1,554.16	1,493.93	60.23	25.802		
5,300.00	4,917.33	5,063.46	4,827.76	38.23	30.45	-128.90	-400.62	-1,317.05	1,587.95	1,526.31	61.64	25.761		
5,400.00	5,007.92	5,157.55	4,915.64	39.09	31.15	-128.82	-406.73	-1,350.12	1,621.74	1,558.68	63.05	25.721		
5,500.00	5,098.51	5,251.64	5,003.51	39.95	31.86	-128.73	-412.84	-1,383.20	1,655.53	1,591.07	64.46	25.683		
5,600.00	5,189.11	5,345.73	5,091.38	40.81	32.57	-128.65	-418.95	-1,416.28	1,689.32	1,623.45	65.87	25.647		
5,700.00	5,279.70	5,439.82	5,179.25	41.68	33.27	-128.57	-425.06	-1,449.35	1,723.12	1,655.84	67.28	25.611		
5,800.00	5,370.29	5,533.92	5,267.13	42.54	33.98	-128.50	-431.17	-1,482.43	1,756.92	1,688.23	68.69	25.578		
5,900.00	5,460.88	5,628.01	5,355.00	43.40	34.69	-128.42	-437.28	-1,515.50	1,790.72	1,720.62	70.10	25.545		
6,000.00	5,551.47	5,722.10	5,442.87	44.26	35.39	-128.35	-443.39	-1,548.58	1,824.52	1,753.01	71.51	25.514		
6,100.00	5,642.07	5,816.19	5,530.74	45.13	36.10	-128.28	-449.50	-1,581.66	1,858.33	1,785.41	72.92	25.483		
6,200.00	5,732.66	5,910.28	5,618.62	45.99	36.81	-128.22	-455.61	-1,614.73	1,892.14	1,817.80	74.34	25.454		
6,300.00	5,823.25	6,004.37	5,706.49	46.85	37.51	-128.16	-461.72	-1,647.81	1,925.95	1,850.20	75.75	25.426		
6,400.00	5,913.84	6,101.54	5,794.36	47.72	38.24	-128.10	-467.83	-1,680.89	1,959.76	1,882.58	77.18	25.391		
6,500.00	6,004.44	6,207.45	5,882.23	48.58	39.04	-128.04	-473.94	-1,713.96	1,993.58	1,914.89	78.68	25.336		
6,600.00	6,095.03	6,286.64	5,970.11	49.44	39.64	-127.98	-480.05	-1,747.04	2,027.39	1,947.41	79.99	25.347		
6,700.00	6,185.62	6,380.73	6,057.98	50.30	40.34	-127.93	-486.16	-1,780.11	2,061.21	1,979.81	81.40	25.322		
6,800.00	6,276.21	6,474.82	6,145.85	51.17	41.05	-127.87	-492.27	-1,813.19	2,095.03	2,012.22	82.81	25.298		
6,900.00	6,366.80	6,568.91	6,233.72	52.03	41.76	-127.82	-498.38	-1,846.27	2,128.85	2,044.62	84.23	25.275		
7,000.00	6,457.40	6,663.00	6,321.59	52.89	42.47	-127.77	-504.49	-1,879.34	2,162.68	2,077.03	85.64	25.252		
7,100.00	6,545.60	6,757.10	6,409.48	53.85	43.18	-114.80	-510.60	-1,912.43	2,195.78	2,108.65	87.12	25.203		
7,200.00	6,626.13	6,854.35	6,499.94	55.05	43.92	-105.41	-516.89	-1,947.51	2,226.55	2,137.71	88.85	25.061		
7,300.00	6,696.49	6,965.92	6,596.68	56.46	45.06	-99.27	-523.53	-2,002.34	2,253.87	2,162.53	91.34	24.675		
7,400.00	6,754.56	7,085.66	6,686.61	58.05	46.67	-95.10	-529.57	-2,080.84	2,276.72	2,182.05	94.66	24.050		
7,500.00	6,798.57	7,213.72	6,762.57	59.78	48.79	-92.37	-534.51	-2,183.49	2,294.23	2,195.40	98.83	23.214		
7,600.00	6,827.18	7,348.92	6,816.03	61.58	51.36	-90.74	-537.74	-2,307.29	2,305.70	2,201.99	103.71	22.233		
7,700.00	6,839.51	7,488.53	6,839.37	63.39	54.23	-90.06	-538.76	-2,444.58	2,310.61	2,201.61	109.00	21.198		
7,800.00	6,840.00	7,603.70	6,840.00	65.19	56.63	-90.02	-538.30	-2,552.33	2,310.76	2,197.19	113.57	20.347		
7,900.00	6,840.00	7,703.70	6,840.00	67.04	58.78	-90.02	-537.83	-2,652.33	2,310.73	2,192.87	117.86	19.606		
8,000.00	6,840.00	7,803.70	6,840.00	68.95	60.97	-90.02	-537.36	-2,752.33	2,310.70	2,188.46	122.24	18.904		
8,100.00	6,840.00	7,903.70	6,840.00	70.91	63.20	-90.02	-536.89	-2,852.33	2,310.66	2,183.97	126.70	18.238		
8,200.00	6,840.00	8,003.70	6,840.00	72.91	65.47	-90.02	-536.42	-2,952.33	2,310.63	2,179.40	131.23	17.607		
8,300.00	6,840.00	8,103.70	6,840.00	74.96	67.77	-90.02	-535.95	-3,052.33	2,310.60	2,174.77	135.83	17.011		
8,400.00	6,840.00	8,203.70	6,840.00	77.05	70.10	-90.02	-535.49	-3,152.33	2,310.57	2,170.08	140.49	16.446		
8,500.00	6,840.00	8,303.70	6,840.00	79.18	72.46	-90.02	-535.02	-3,252.33	2,310.54	2,165.33	145.21	15.912		
8,600.00	6,840.00	8,403.70	6,840.00	81.34	74.84	-90.02	-534.55	-3,352.33	2,310.51	2,160.53	149.97	15.406		
8,700.00	6,840.00	8,503.70	6,840.00	83.54	77.25	-90.02	-534.08	-3,452.32	2,310.48	2,155.69	154.78	14.927		
8,800.00	6,840.00	8,603.70	6,840.00	85.76	79.67	-90.02	-533.61	-3,552.32	2,310.45	2,150.81	159.63	14.474		
8,900.00	6,840.00	8,703.70	6,840.00	88.02	82.12	-90.02	-533.14	-3,652.32	2,310.41	2,145.90	164.52	14.044		
9,000.00	6,840.00	8,803.70	6,840.00	90.30	84.58	-90.02	-532.67	-3,752.32	2,310.38	2,140.94	169.44	13.636		
9,100.00	6,840.00	8,903.70	6,840.00	92.60	87.06	-90.02	-532.20	-3,852.32	2,310.35	2,135.96	174.39	13.248		
9,200.00	6,840.00	9,003.70	6,840.00	94.93	89.55	-90.02	-531.74	-3,952.32	2,310.32	2,130.95	179.37	12.880		
9,300.00	6,840.00	9,103.70	6,840.00	97.28	92.05	-90.02	-531.27	-4,052.32	2,310.29	2,125.92	184.37	12.531		
9,400.00	6,840.00	9,203.70	6,840.00	99.65	94.57	-90.02	-530.80	-4,152.32	2,310.26	2,120.86	189.40	12.198		
9,500.00	6,840.00	9,303.70	6,840.00	102.03	97.10	-90.02	-530.33	-4,252.32	2,310.23	2,115.77	194.45	11.881		
9,600.00	6,840.00	9,403.70	6,840.00	104.43	99.63	-90.02	-529.86	-4,352.31	2,310.19	2,110.67	199.53	11.578		
9,700.00	6,840.00	9,503.70	6,840.00	106.85	102.18	-90.02	-529.39	-4,452.31	2,310.16	2,105.55	204.62	11.290		
9,800.00	6,840.00	9,603.70	6,840.00	109.29	104.74	-90.02	-528.92	-4,552.31	2,310.13	2,100.41	209.72	11.015		
9,900.00	6,840.00	9,703.70	6,840.00	111.73	107.30	-90.02	-528.45	-4,652.31	2,310.10	2,095.25	214.85	10.752		
10,000.00	6,840.00	9,803.70	6,840.00	114.19	109.87	-90.02	-527.99	-4,752.31	2,310.07	2,090.08	219.99	10.501		
10,100.00	6,840.00	9,903.70	6,840.00	116.66	112.45	-90.02	-527.52	-4,852.31	2,310.04	2,084.90	225.14	10.260		
10,200.00	6,840.00	10,003.70	6,840.00	119.15	115.03	-90.02	-527.05	-4,952.31	2,310.01	2,079.70	230.31	10.030		
10,300.00	6,840.00	10,103.70	6,840.00	121.64	117.63	-90.02	-526.58	-5,052.31	2,309.98	2,074.49	235.49	9.809		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,203.70	6,840.00	124.14	120.22	-90.02	-526.11	-5,152.31	2,309.94	2,069.27	240.68	9.598		
10,500.00	6,840.00	10,303.70	6,840.00	126.65	122.82	-90.02	-525.64	-5,252.30	2,309.91	2,064.03	245.88	9.395		
10,600.00	6,840.00	10,403.70	6,840.00	129.18	125.43	-90.02	-525.17	-5,352.30	2,309.88	2,058.79	251.09	9.199		
10,700.00	6,840.00	10,503.70	6,840.00	131.70	128.04	-90.02	-524.70	-5,452.30	2,309.85	2,053.54	256.31	9.012		
10,800.00	6,840.00	10,603.70	6,840.00	134.24	130.66	-90.02	-524.24	-5,552.30	2,309.82	2,048.28	261.54	8.832		
10,900.00	6,840.00	10,703.70	6,840.00	136.79	133.28	-90.02	-523.77	-5,652.30	2,309.79	2,043.01	266.78	8.658		
11,000.00	6,840.00	10,803.70	6,840.00	139.34	135.90	-90.02	-523.30	-5,752.30	2,309.76	2,037.73	272.02	8.491		
11,100.00	6,840.00	10,903.70	6,840.00	141.90	138.53	-90.02	-522.83	-5,852.30	2,309.72	2,032.45	277.28	8.330		
11,200.00	6,840.00	11,003.70	6,840.00	144.46	141.16	-90.02	-522.36	-5,952.30	2,309.69	2,027.15	282.54	8.175		
11,300.00	6,840.00	11,103.70	6,840.00	147.03	143.80	-90.02	-521.89	-6,052.30	2,309.66	2,021.86	287.81	8.025		
11,400.00	6,840.00	11,203.70	6,840.00	149.60	146.44	-90.02	-521.42	-6,152.29	2,309.63	2,016.55	293.08	7.881		
11,500.00	6,840.00	11,303.70	6,840.00	152.18	149.08	-90.02	-520.95	-6,252.29	2,309.60	2,011.24	298.36	7.741		
11,600.00	6,840.00	11,403.70	6,840.00	154.77	151.72	-90.02	-520.48	-6,352.29	2,309.57	2,005.92	303.64	7.606		
11,700.00	6,840.00	11,503.70	6,840.00	157.36	154.37	-90.02	-520.02	-6,452.29	2,309.54	2,000.60	308.93	7.476		
11,800.00	6,840.00	11,603.70	6,840.00	159.95	157.02	-90.02	-519.55	-6,552.29	2,309.51	1,995.28	314.23	7.350		
11,900.00	6,840.00	11,703.70	6,840.00	162.55	159.67	-90.02	-519.08	-6,652.29	2,309.47	1,989.94	319.53	7.228		
12,000.00	6,840.00	11,803.70	6,840.00	165.16	162.32	-90.02	-518.61	-6,752.29	2,309.44	1,984.61	324.84	7.110		
12,100.00	6,840.00	11,903.70	6,840.00	167.76	164.98	-90.02	-518.14	-6,852.29	2,309.41	1,979.27	330.14	6.995		
12,200.00	6,840.00	11,996.30	6,840.00	170.37	167.44	-90.02	-517.67	-6,952.29	2,309.38	1,974.12	335.26	6.888		
12,300.00	6,840.00	12,103.70	6,840.00	172.99	170.30	-90.02	-517.20	-7,052.29	2,309.35	1,968.57	340.78	6.777		
12,400.00	6,840.00	12,203.70	6,840.00	175.60	172.96	-90.02	-516.73	-7,152.28	2,309.32	1,963.22	346.10	6.672		
12,500.00	6,840.00	12,303.70	6,840.00	178.23	175.62	-90.02	-516.27	-7,252.28	2,309.29	1,957.86	351.42	6.571		
12,600.00	6,840.00	12,403.70	6,840.00	180.85	178.29	-90.02	-515.80	-7,352.28	2,309.26	1,952.50	356.75	6.473		
12,700.00	6,840.00	12,503.70	6,840.00	183.47	180.95	-90.02	-515.33	-7,452.28	2,309.22	1,947.14	362.08	6.378		
12,800.00	6,840.00	12,603.70	6,840.00	186.10	183.62	-90.02	-514.86	-7,552.28	2,309.19	1,941.78	367.42	6.285		
12,900.00	6,840.00	12,703.70	6,840.00	188.74	186.29	-90.02	-514.39	-7,652.28	2,309.16	1,936.41	372.76	6.195		
13,000.00	6,840.00	12,803.70	6,840.00	191.37	188.96	-90.02	-513.92	-7,752.28	2,309.13	1,931.03	378.10	6.107		
13,100.00	6,840.00	12,903.70	6,840.00	194.01	191.64	-90.02	-513.45	-7,852.28	2,309.10	1,925.66	383.44	6.022		
13,200.00	6,840.00	13,003.70	6,840.00	196.65	194.31	-90.02	-512.98	-7,952.28	2,309.07	1,920.28	388.79	5.939		
13,300.00	6,840.00	13,103.70	6,840.00	199.29	196.98	-90.02	-512.52	-8,052.27	2,309.04	1,914.90	394.13	5.858		
13,400.00	6,840.00	13,203.70	6,840.00	201.93	199.66	-90.02	-512.05	-8,152.27	2,309.00	1,909.52	399.49	5.780		
13,500.00	6,840.00	13,303.70	6,840.00	204.58	202.34	-90.02	-511.58	-8,252.27	2,308.97	1,904.13	404.84	5.703		
13,600.00	6,840.00	13,403.70	6,840.00	207.22	205.02	-90.02	-511.11	-8,352.27	2,308.94	1,898.75	410.20	5.629		
13,700.00	6,840.00	13,503.70	6,840.00	209.87	207.70	-90.02	-510.64	-8,452.27	2,308.91	1,893.36	415.55	5.556		
13,800.00	6,840.00	13,603.70	6,840.00	212.52	210.38	-90.02	-510.17	-8,552.27	2,308.88	1,887.97	420.91	5.485		
13,900.00	6,840.00	13,703.70	6,840.00	215.18	213.06	-90.02	-509.70	-8,652.27	2,308.85	1,882.57	426.28	5.416		
14,000.00	6,840.00	13,803.70	6,840.00	217.83	215.74	-90.02	-509.23	-8,752.27	2,308.82	1,877.18	431.64	5.349		
14,100.00	6,840.00	13,903.70	6,840.00	220.49	218.43	-90.02	-508.76	-8,852.27	2,308.79	1,871.78	437.01	5.283		
14,200.00	6,840.00	14,003.70	6,840.00	223.15	221.11	-90.02	-508.30	-8,952.26	2,308.75	1,866.38	442.37	5.219		
14,300.00	6,840.00	14,103.70	6,840.00	225.81	223.80	-90.02	-507.83	-9,052.26	2,308.72	1,860.98	447.74	5.156		
14,400.00	6,840.00	14,203.70	6,840.00	228.47	226.48	-90.02	-507.36	-9,152.26	2,308.69	1,855.58	453.11	5.095		
14,500.00	6,840.00	14,303.70	6,840.00	231.13	229.17	-90.02	-506.89	-9,252.26	2,308.66	1,850.17	458.49	5.035		
14,600.00	6,840.00	14,403.70	6,840.00	233.79	231.86	-90.02	-506.42	-9,352.26	2,308.63	1,844.77	463.86	4.977		
14,700.00	6,840.00	14,503.70	6,840.00	236.46	234.55	-90.02	-505.95	-9,452.26	2,308.60	1,839.36	469.24	4.920		
14,800.00	6,840.00	14,603.70	6,840.00	239.12	237.24	-90.02	-505.48	-9,552.26	2,308.57	1,833.95	474.61	4.864		
14,900.00	6,840.00	14,703.70	6,840.00	241.79	239.93	-90.02	-505.01	-9,652.26	2,308.53	1,828.54	479.99	4.810		
15,000.00	6,840.00	14,803.70	6,840.00	244.46	242.62	-90.02	-504.55	-9,752.26	2,308.50	1,823.13	485.37	4.756		
15,100.00	6,840.00	14,903.70	6,840.00	247.13	245.31	-90.02	-504.08	-9,852.25	2,308.47	1,817.72	490.76	4.704		
15,200.00	6,840.00	15,003.70	6,840.00	249.80	248.00	-90.02	-503.61	-9,952.25	2,308.44	1,812.30	496.14	4.653		
15,300.00	6,840.00	15,103.70	6,840.00	252.47	250.69	-90.02	-503.14	-10,052.25	2,308.41	1,806.89	501.52	4.603		
15,400.00	6,840.00	15,203.70	6,840.00	255.15	253.38	-90.02	-502.67	-10,152.25	2,308.38	1,801.47	506.91	4.554		
15,500.00	6,840.00	15,303.70	6,840.00	257.82	256.08	-90.02	-502.20	-10,252.25	2,308.35	1,796.05	512.29	4.506		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,403.70	6,840.00	260.50	258.77	-90.02	-501.73	-10,352.25	2,308.32	1,790.64	517.68	4.459		
15,700.00	6,840.00	15,503.70	6,840.00	263.17	261.47	-90.02	-501.26	-10,452.25	2,308.28	1,785.22	523.07	4.413		
15,800.00	6,840.00	15,603.70	6,840.00	265.85	264.16	-90.02	-500.80	-10,552.25	2,308.25	1,779.79	528.46	4.368		
15,900.00	6,840.00	15,703.70	6,840.00	268.53	266.86	-90.02	-500.33	-10,652.25	2,308.22	1,774.37	533.85	4.324		
16,000.00	6,840.00	15,803.70	6,840.00	271.20	269.55	-90.02	-499.86	-10,752.24	2,308.19	1,768.95	539.24	4.280		
16,100.00	6,840.00	15,903.70	6,840.00	273.88	272.25	-90.02	-499.39	-10,852.24	2,308.16	1,763.53	544.63	4.238		
16,200.00	6,840.00	16,003.70	6,840.00	276.56	274.95	-90.02	-498.92	-10,952.24	2,308.13	1,758.10	550.03	4.196		
16,300.00	6,840.00	16,103.70	6,840.00	279.25	277.65	-90.02	-498.45	-11,052.24	2,308.10	1,752.68	555.42	4.156		
16,400.00	6,840.00	16,203.70	6,840.00	281.93	280.34	-90.02	-497.98	-11,152.24	2,308.07	1,747.25	560.82	4.116		
16,500.00	6,840.00	16,303.70	6,840.00	284.61	283.04	-90.02	-497.51	-11,252.24	2,308.03	1,741.82	566.21	4.076		
16,600.00	6,840.00	16,403.70	6,840.00	287.29	285.74	-90.02	-497.05	-11,352.24	2,308.00	1,736.39	571.61	4.038		
16,700.00	6,840.00	16,503.70	6,840.00	289.98	288.44	-90.02	-496.58	-11,452.24	2,307.97	1,730.97	577.01	4.000		
16,800.00	6,840.00	16,603.70	6,840.00	292.66	291.14	-90.02	-496.11	-11,552.24	2,307.94	1,725.54	582.40	3.963		
16,900.00	6,840.00	16,703.70	6,840.00	295.35	293.84	-90.02	-495.64	-11,652.23	2,307.91	1,720.11	587.80	3.926		
17,000.00	6,840.00	16,803.70	6,840.00	298.03	296.54	-90.02	-495.17	-11,752.23	2,307.88	1,714.67	593.20	3.891		
17,100.00	6,840.00	16,903.70	6,840.00	300.72	299.24	-90.02	-494.70	-11,852.23	2,307.85	1,709.24	598.60	3.855		
17,200.00	6,840.00	17,003.70	6,840.00	303.41	301.94	-90.02	-494.23	-11,952.23	2,307.81	1,703.81	604.01	3.821		
17,300.00	6,840.00	17,103.70	6,840.00	306.09	304.64	-90.02	-493.76	-12,052.23	2,307.78	1,698.38	609.41	3.787		
17,400.00	6,840.00	17,203.70	6,840.00	308.78	307.35	-90.02	-493.29	-12,152.23	2,307.75	1,692.94	614.81	3.754		
17,500.00	6,840.00	17,303.70	6,840.00	311.47	310.05	-90.02	-492.83	-12,252.23	2,307.72	1,687.51	620.21	3.721		
17,600.00	6,840.00	17,403.70	6,840.00	314.16	312.75	-90.02	-492.36	-12,352.23	2,307.69	1,682.07	625.62	3.689		
17,700.00	6,840.00	17,503.70	6,840.00	316.85	315.45	-90.02	-491.89	-12,452.23	2,307.66	1,676.64	631.02	3.657		
17,800.00	6,840.00	17,603.70	6,840.00	319.54	318.16	-90.02	-491.42	-12,552.22	2,307.63	1,671.20	636.43	3.626		
17,900.00	6,840.00	17,703.70	6,840.00	322.23	320.86	-90.02	-490.95	-12,652.22	2,307.60	1,665.76	641.83	3.595		
18,000.00	6,840.00	17,803.70	6,840.00	324.92	323.56	-90.02	-490.48	-12,752.22	2,307.56	1,660.33	647.24	3.565		
18,100.00	6,840.00	17,903.70	6,840.00	327.62	326.27	-90.02	-490.01	-12,852.22	2,307.53	1,654.89	652.65	3.536		
18,200.00	6,840.00	18,003.70	6,840.00	330.31	328.97	-90.02	-489.54	-12,952.22	2,307.50	1,649.45	658.05	3.507		
18,300.00	6,840.00	18,103.70	6,840.00	333.00	331.68	-90.02	-489.08	-13,052.22	2,307.47	1,644.01	663.46	3.478		
18,400.00	6,840.00	18,203.70	6,840.00	335.70	334.38	-90.02	-488.61	-13,152.22	2,307.44	1,638.57	668.87	3.450		
18,500.00	6,840.00	18,303.70	6,840.00	338.39	337.08	-90.02	-488.14	-13,252.22	2,307.41	1,633.13	674.28	3.422		
18,600.00	6,840.00	18,403.70	6,840.00	341.08	339.79	-90.02	-487.67	-13,352.22	2,307.38	1,627.69	679.69	3.395		
18,700.00	6,840.00	18,503.70	6,840.00	343.78	342.50	-90.02	-487.20	-13,452.21	2,307.34	1,622.25	685.10	3.368		
18,800.00	6,840.00	18,603.70	6,840.00	346.47	345.20	-90.02	-486.73	-13,552.21	2,307.31	1,616.81	690.51	3.341		
18,900.00	6,840.00	18,703.70	6,840.00	349.17	347.91	-90.02	-486.26	-13,652.21	2,307.28	1,611.36	695.92	3.315		
19,000.00	6,840.00	18,803.71	6,840.00	351.86	350.61	-90.02	-485.79	-13,752.21	2,307.25	1,605.92	701.33	3.290		
19,100.00	6,840.00	18,903.71	6,840.00	354.56	353.32	-90.02	-485.33	-13,852.21	2,307.22	1,600.48	706.74	3.265		
19,200.00	6,840.00	19,003.71	6,840.00	357.26	356.02	-90.02	-484.86	-13,952.21	2,307.19	1,595.03	712.15	3.240		
19,300.00	6,840.00	19,103.71	6,840.00	359.95	358.73	-90.02	-484.39	-14,052.21	2,307.16	1,589.59	717.57	3.215		
19,400.00	6,840.00	19,203.71	6,840.00	362.65	361.44	-90.02	-483.92	-14,152.21	2,307.13	1,584.15	722.98	3.191		
19,500.00	6,840.00	19,303.71	6,840.00	365.35	364.15	-90.02	-483.45	-14,252.21	2,307.09	1,578.70	728.39	3.167		
19,600.00	6,840.00	19,403.71	6,840.00	368.05	366.85	-90.02	-482.98	-14,352.20	2,307.06	1,573.26	733.81	3.144		
19,700.00	6,840.00	19,503.71	6,840.00	370.74	369.56	-90.02	-482.51	-14,452.20	2,307.03	1,567.81	739.22	3.121		
19,800.00	6,840.00	19,603.71	6,840.00	373.44	372.27	-90.02	-482.04	-14,552.20	2,307.00	1,562.36	744.64	3.098		
19,900.00	6,840.00	19,703.71	6,840.00	376.14	374.98	-90.02	-481.57	-14,652.20	2,306.97	1,556.92	750.05	3.076		
20,000.00	6,840.00	19,803.71	6,840.00	378.84	377.68	-90.02	-481.11	-14,752.20	2,306.94	1,551.47	755.47	3.054		
20,100.00	6,840.00	19,903.71	6,840.00	381.54	380.39	-90.02	-480.64	-14,852.20	2,306.91	1,546.03	760.88	3.032		
20,200.00	6,840.00	20,003.71	6,840.00	384.24	383.10	-90.02	-480.17	-14,952.20	2,306.87	1,540.58	766.30	3.010		
20,300.00	6,840.00	20,103.71	6,840.00	386.94	385.81	-90.02	-479.70	-15,052.20	2,306.84	1,535.13	771.71	2.989		
20,400.00	6,840.00	20,203.71	6,840.00	389.64	388.52	-90.02	-479.23	-15,152.20	2,306.81	1,529.68	777.13	2.968		
20,500.00	6,840.00	20,303.71	6,840.00	392.34	391.23	-90.02	-478.76	-15,252.19	2,306.78	1,524.23	782.55	2.948		
20,600.00	6,840.00	20,396.30	6,840.00	395.04	393.73	-90.02	-478.29	-15,352.19	2,306.75	1,518.79	787.76	2.928		
20,605.48	6,840.00	20,401.77	6,840.00	395.19	393.88	-90.02	-478.27	-15,357.67	2,306.75	1,518.69	788.06	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	20,394.72	6,840.00	395.31	393.69	-90.02	-478.30	-15,350.61	2,306.77	1,518.90	787.87	2.928	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.91	-179.97	-0.28	179.97					
100.00	100.00	101.00	99.00	0.13	0.14	-179.91	-179.97	-0.28	179.97	179.69	0.27	660.576		
200.00	200.00	201.00	199.00	0.49	0.50	-179.91	-179.97	-0.28	179.97	178.98	0.99	181.898		
300.00	300.00	301.00	299.00	0.85	0.85	-179.91	-179.97	-0.28	179.97	178.26	1.71	105.470		
400.00	400.00	401.00	399.00	1.21	1.21	-179.91	-179.97	-0.28	179.97	177.54	2.42	74.266 CC, ES		
500.00	499.98	501.02	498.98	1.57	1.57	-131.05	-179.97	-0.28	181.11	177.97	3.14	57.708		
600.00	599.84	601.16	598.84	1.93	1.93	-132.22	-179.97	-0.28	184.59	180.73	3.86	47.864		
700.00	699.45	698.45	698.45	2.29	2.28	-134.07	-179.97	-0.28	190.56	185.99	4.57	41.688		
800.00	798.70	796.22	796.20	2.67	2.62	-135.97	-180.48	-1.81	199.61	194.33	5.29	37.761		
900.00	897.47	893.80	893.66	3.07	2.95	-137.38	-182.04	-6.50	212.12	206.12	6.01	35.318		
1,000.00	995.62	991.05	990.55	3.50	3.30	-138.33	-184.64	-14.29	227.95	221.21	6.75	33.793		
1,100.00	1,093.06	1,087.81	1,086.63	3.97	3.65	-138.85	-188.26	-25.14	247.01	239.50	7.51	32.886		
1,200.00	1,189.64	1,183.92	1,181.63	4.47	4.02	-139.00	-192.87	-38.96	269.20	260.89	8.31	32.399		
1,300.00	1,285.27	1,279.24	1,275.30	5.01	4.41	-138.86	-198.43	-55.64	294.46	285.31	9.15	32.196		
1,400.00	1,379.82	1,373.62	1,367.43	5.61	4.83	-138.48	-204.91	-75.06	322.73	312.70	10.03	32.179		
1,500.00	1,473.17	1,466.92	1,457.80	6.25	5.27	-137.92	-212.26	-97.08	353.98	343.02	10.96	32.283		
1,600.00	1,565.21	1,559.04	1,546.23	6.96	5.74	-137.22	-220.42	-121.55	388.15	376.19	11.96	32.457		
1,700.00	1,656.01	1,649.96	1,632.65	7.72	6.24	-136.65	-229.35	-148.32	424.92	411.91	13.01	32.654		
1,800.00	1,746.60	1,740.20	1,717.50	8.50	6.78	-136.08	-239.07	-177.46	462.52	448.40	14.11	32.769		
1,900.00	1,837.19	1,831.80	1,802.88	9.30	7.36	-135.32	-249.57	-208.93	500.54	485.25	15.29	32.738		
2,000.00	1,927.79	1,924.09	1,888.86	10.12	7.97	-134.65	-260.18	-240.73	538.65	522.15	16.50	32.639		
2,100.00	2,018.38	2,016.37	1,974.84	10.93	8.60	-134.07	-270.78	-272.53	576.81	559.07	17.74	32.513		
2,200.00	2,108.97	2,108.65	2,060.82	11.76	9.23	-133.56	-281.39	-304.33	615.02	596.02	19.00	32.373		
2,300.00	2,199.56	2,200.94	2,146.80	12.59	9.88	-133.11	-292.00	-336.12	653.27	632.99	20.27	32.227		
2,400.00	2,290.15	2,306.78	2,232.78	13.43	10.63	-132.71	-302.61	-367.92	691.54	669.89	21.65	31.940		
2,500.00	2,380.75	2,385.50	2,318.76	14.26	11.19	-132.36	-313.21	-399.72	729.84	706.99	22.85	31.936		
2,600.00	2,471.34	2,477.79	2,404.74	15.11	11.85	-132.03	-323.82	-431.52	768.16	744.01	24.16	31.796		
2,700.00	2,561.93	2,570.07	2,490.72	15.95	12.52	-131.74	-334.43	-463.32	806.51	781.03	25.47	31.662		
2,800.00	2,652.52	2,662.36	2,576.70	16.80	13.19	-131.48	-345.03	-495.11	844.86	818.07	26.79	31.535		
2,900.00	2,743.12	2,754.64	2,662.68	17.64	13.87	-131.24	-355.64	-526.91	883.24	855.12	28.12	31.414		
3,000.00	2,833.71	2,846.92	2,748.66	18.49	14.55	-131.01	-366.25	-558.71	921.62	892.17	29.45	31.299		
3,100.00	2,924.30	2,939.21	2,834.64	19.35	15.23	-130.81	-376.86	-590.51	960.01	929.23	30.78	31.190		
3,200.00	3,014.89	3,031.49	2,920.62	20.20	15.91	-130.62	-387.46	-622.30	998.42	966.30	32.12	31.087		
3,300.00	3,105.48	3,123.77	3,006.60	21.05	16.59	-130.45	-398.07	-654.10	1,036.83	1,003.37	33.46	30.989		
3,400.00	3,196.08	3,216.06	3,092.58	21.91	17.28	-130.28	-408.68	-685.90	1,075.25	1,040.45	34.80	30.897		
3,500.00	3,286.67	3,308.34	3,178.56	22.76	17.97	-130.13	-419.28	-717.70	1,113.68	1,077.53	36.15	30.809		
3,600.00	3,377.26	3,400.62	3,264.54	23.62	18.66	-129.99	-429.89	-749.50	1,152.11	1,114.62	37.50	30.726		
3,700.00	3,467.85	3,507.09	3,350.53	24.47	19.45	-129.86	-440.50	-781.29	1,190.55	1,151.60	38.95	30.567		
3,800.00	3,558.45	3,585.19	3,436.51	25.33	20.04	-129.74	-451.11	-813.09	1,229.00	1,188.80	40.20	30.573		
3,900.00	3,649.04	3,677.47	3,522.49	26.19	20.73	-129.62	-461.71	-844.89	1,267.45	1,225.89	41.55	30.502		
4,000.00	3,739.63	3,769.76	3,608.47	27.05	21.42	-129.51	-472.32	-876.69	1,305.90	1,262.99	42.91	30.435		
4,100.00	3,830.22	3,862.04	3,694.45	27.90	22.11	-129.41	-482.93	-908.49	1,344.36	1,300.09	44.26	30.371		
4,200.00	3,920.81	3,954.32	3,780.43	28.76	22.81	-129.31	-493.54	-940.28	1,382.82	1,337.19	45.62	30.310		
4,300.00	4,011.41	4,046.61	3,866.41	29.62	23.50	-129.22	-504.14	-972.08	1,421.28	1,374.30	46.98	30.252		
4,400.00	4,102.00	4,138.89	3,952.39	30.48	24.20	-129.13	-514.75	-1,003.88	1,459.75	1,411.41	48.34	30.196		
4,500.00	4,192.59	4,231.17	4,038.37	31.34	24.89	-129.05	-525.36	-1,035.68	1,498.22	1,448.51	49.70	30.143		
4,600.00	4,283.18	4,323.46	4,124.35	32.20	25.59	-128.97	-535.96	-1,067.48	1,536.69	1,485.62	51.07	30.093		
4,700.00	4,373.78	4,415.74	4,210.33	33.06	26.28	-128.90	-546.57	-1,099.27	1,575.16	1,522.73	52.43	30.044		
4,800.00	4,464.37	4,508.02	4,296.31	33.92	26.98	-128.83	-557.18	-1,131.07	1,613.64	1,559.85	53.79	29.998		
4,900.00	4,554.96	4,600.31	4,382.29	34.78	27.68	-128.76	-567.79	-1,162.87	1,652.12	1,596.96	55.16	29.953		
5,000.00	4,645.55	4,707.41	4,468.27	35.64	28.49	-128.69	-578.39	-1,194.67	1,690.60	1,633.97	56.63	29.853		
5,100.00	4,736.14	4,784.87	4,554.25	36.51	29.07	-128.63	-589.00	-1,226.47	1,729.08	1,671.19	57.89	29.870		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,877.16	4,640.23	37.37	29.77	-128.57	-599.61	-1,258.26	1,767.56	1,708.31	59.25	29.830		
5,300.00	4,917.33	4,969.44	4,726.21	38.23	30.47	-128.52	-610.22	-1,290.06	1,806.05	1,745.43	60.62	29.793		
5,400.00	5,007.92	5,061.73	4,812.19	39.09	31.17	-128.46	-620.82	-1,321.86	1,844.54	1,782.55	61.99	29.756		
5,500.00	5,098.51	5,154.01	4,898.17	39.95	31.87	-128.41	-631.43	-1,353.66	1,883.02	1,819.67	63.36	29.721		
5,600.00	5,189.11	5,246.29	4,984.15	40.81	32.57	-128.36	-642.04	-1,385.45	1,921.51	1,856.79	64.72	29.688		
5,700.00	5,279.70	5,338.58	5,070.13	41.68	33.26	-128.31	-652.64	-1,417.25	1,960.00	1,893.91	66.09	29.655		
5,800.00	5,370.29	5,430.86	5,156.11	42.54	33.96	-128.27	-663.25	-1,449.05	1,998.49	1,931.03	67.46	29.624		
5,900.00	5,460.88	5,523.14	5,242.09	43.40	34.66	-128.22	-673.86	-1,480.85	2,036.99	1,968.15	68.83	29.593		
6,000.00	5,551.47	5,615.43	5,328.07	44.26	35.36	-128.18	-684.47	-1,512.65	2,075.48	2,005.28	70.20	29.564		
6,100.00	5,642.07	5,707.71	5,414.05	45.13	36.06	-128.14	-695.07	-1,544.44	2,113.97	2,042.40	71.57	29.536		
6,200.00	5,732.66	5,799.99	5,500.03	45.99	36.76	-128.10	-705.68	-1,576.24	2,152.47	2,079.53	72.94	29.509		
6,300.00	5,823.25	5,892.28	5,586.01	46.85	37.46	-128.06	-716.29	-1,608.04	2,190.97	2,116.65	74.32	29.482		
6,400.00	5,913.84	5,984.56	5,671.99	47.72	38.16	-128.02	-726.89	-1,639.84	2,229.46	2,153.78	75.69	29.456		
6,500.00	6,004.44	6,076.84	5,757.97	48.58	38.86	-127.99	-737.50	-1,671.64	2,267.96	2,190.90	77.06	29.432		
6,600.00	6,095.03	6,169.13	5,843.95	49.44	39.56	-127.95	-748.11	-1,703.43	2,306.46	2,228.03	78.43	29.408		
6,700.00	6,185.62	6,261.41	5,929.93	50.30	40.27	-127.92	-758.72	-1,735.23	2,344.96	2,265.16	79.80	29.384		
6,800.00	6,276.21	6,353.69	6,015.92	51.17	40.97	-127.89	-769.32	-1,767.03	2,383.46	2,302.28	81.18	29.362		
6,900.00	6,366.80	6,445.98	6,101.90	52.03	41.67	-127.86	-779.93	-1,798.83	2,421.96	2,339.41	82.55	29.340		
7,000.00	6,457.40	6,538.26	6,187.88	52.89	42.37	-127.82	-790.54	-1,830.63	2,460.46	2,376.54	83.92	29.318		
7,100.00	6,545.60	6,630.56	6,273.87	53.85	43.07	-114.35	-801.15	-1,862.43	2,498.24	2,412.87	85.37	29.262		
7,200.00	6,626.13	6,721.25	6,358.36	55.05	43.76	-104.37	-811.57	-1,893.68	2,533.64	2,446.62	87.01	29.118		
7,300.00	6,696.49	6,807.57	6,438.79	56.46	44.41	-97.76	-821.49	-1,923.42	2,565.99	2,477.19	88.80	28.896		
7,400.00	6,754.56	6,920.25	6,541.50	58.05	45.37	-93.66	-834.13	-1,967.69	2,594.70	2,503.42	91.29	28.424		
7,500.00	6,798.57	7,075.80	6,665.77	59.78	47.24	-91.40	-849.25	-2,059.21	2,617.91	2,522.64	95.28	27.477		
7,600.00	6,827.18	7,268.61	6,778.90	61.58	50.37	-90.37	-862.68	-2,213.64	2,633.93	2,532.86	101.06	26.063		
7,700.00	6,839.51	7,494.18	6,838.44	63.39	54.76	-90.05	-869.11	-2,429.60	2,640.98	2,532.54	108.44	24.355		
7,800.00	6,840.00	7,618.58	6,840.00	65.19	57.29	-90.02	-868.72	-2,553.96	2,641.18	2,527.92	113.26	23.320		
7,900.00	6,840.00	7,718.58	6,840.00	67.04	59.37	-90.02	-868.24	-2,653.96	2,641.14	2,523.62	117.53	22.472		
8,000.00	6,840.00	7,818.58	6,840.00	68.95	61.51	-90.02	-867.77	-2,753.96	2,641.11	2,519.22	121.89	21.668		
8,100.00	6,840.00	7,918.58	6,840.00	70.91	63.69	-90.02	-867.30	-2,853.96	2,641.08	2,514.74	126.34	20.905		
8,200.00	6,840.00	8,018.58	6,840.00	72.91	65.91	-90.02	-866.83	-2,953.95	2,641.04	2,510.18	130.86	20.182		
8,300.00	6,840.00	8,118.58	6,840.00	74.96	68.16	-90.02	-866.36	-3,053.95	2,641.01	2,505.56	135.45	19.498		
8,400.00	6,840.00	8,218.58	6,840.00	77.05	70.45	-90.02	-865.89	-3,153.95	2,640.97	2,500.87	140.10	18.851		
8,500.00	6,840.00	8,318.58	6,840.00	79.18	72.77	-90.02	-865.41	-3,253.95	2,640.94	2,496.14	144.80	18.238		
8,600.00	6,840.00	8,418.58	6,840.00	81.34	75.12	-90.02	-864.94	-3,353.95	2,640.91	2,491.35	149.56	17.658		
8,700.00	6,840.00	8,518.58	6,840.00	83.54	77.49	-90.02	-864.47	-3,453.95	2,640.87	2,486.51	154.36	17.109		
8,800.00	6,840.00	8,618.58	6,840.00	85.76	79.88	-90.02	-864.00	-3,553.95	2,640.84	2,481.64	159.20	16.588		
8,900.00	6,840.00	8,718.58	6,840.00	88.02	82.30	-90.02	-863.53	-3,653.95	2,640.80	2,476.72	164.08	16.095		
9,000.00	6,840.00	8,818.58	6,840.00	90.30	84.73	-90.02	-863.06	-3,753.95	2,640.77	2,471.78	168.99	15.626		
9,100.00	6,840.00	8,918.58	6,840.00	92.60	87.18	-90.02	-862.58	-3,853.94	2,640.73	2,466.80	173.94	15.182		
9,200.00	6,840.00	9,018.58	6,840.00	94.93	89.65	-90.02	-862.11	-3,953.94	2,640.70	2,461.79	178.91	14.760		
9,300.00	6,840.00	9,118.58	6,840.00	97.28	92.13	-90.02	-861.64	-4,053.94	2,640.67	2,456.76	183.91	14.358		
9,400.00	6,840.00	9,218.58	6,840.00	99.65	94.62	-90.02	-861.17	-4,153.94	2,640.63	2,451.70	188.93	13.976		
9,500.00	6,840.00	9,318.58	6,840.00	102.03	97.13	-90.02	-860.70	-4,253.94	2,640.60	2,446.62	193.98	13.613		
9,600.00	6,840.00	9,418.58	6,840.00	104.43	99.65	-90.02	-860.23	-4,353.94	2,640.56	2,441.52	199.05	13.266		
9,700.00	6,840.00	9,518.58	6,840.00	106.85	102.17	-90.02	-859.75	-4,453.94	2,640.53	2,436.40	204.13	12.935		
9,800.00	6,840.00	9,618.58	6,840.00	109.29	104.71	-90.02	-859.28	-4,553.94	2,640.50	2,431.26	209.24	12.620		
9,900.00	6,840.00	9,718.58	6,840.00	111.73	107.26	-90.02	-858.81	-4,653.94	2,640.46	2,426.10	214.36	12.318		
10,000.00	6,840.00	9,818.58	6,840.00	114.19	109.81	-90.02	-858.34	-4,753.93	2,640.43	2,420.93	219.49	12.030		
10,100.00	6,840.00	9,918.58	6,840.00	116.66	112.38	-90.02	-857.87	-4,853.93	2,640.39	2,415.75	224.64	11.754		
10,200.00	6,840.00	10,018.58	6,840.00	119.15	114.95	-90.02	-857.40	-4,953.93	2,640.36	2,410.55	229.81	11.489		
10,300.00	6,840.00	10,118.58	6,840.00	121.64	117.53	-90.02	-856.92	-5,053.93	2,640.32	2,405.34	234.98	11.236		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,218.58	6,840.00	124.14	120.11	-90.02	-856.45	-5,153.93	2,640.29	2,400.12	240.17	10.993		
10,500.00	6,840.00	10,318.58	6,840.00	126.65	122.70	-90.02	-855.98	-5,253.93	2,640.26	2,394.89	245.37	10.760		
10,600.00	6,840.00	10,418.58	6,840.00	129.18	125.29	-90.02	-855.51	-5,353.93	2,640.22	2,389.64	250.58	10.537		
10,700.00	6,840.00	10,518.58	6,840.00	131.70	127.89	-90.02	-855.04	-5,453.93	2,640.19	2,384.39	255.80	10.321		
10,800.00	6,840.00	10,618.58	6,840.00	134.24	130.50	-90.02	-854.57	-5,553.93	2,640.15	2,379.13	261.02	10.115		
10,900.00	6,840.00	10,718.58	6,840.00	136.79	133.11	-90.02	-854.09	-5,653.92	2,640.12	2,373.86	266.26	9.916		
11,000.00	6,840.00	10,818.58	6,840.00	139.34	135.72	-90.02	-853.62	-5,753.92	2,640.09	2,368.58	271.50	9.724		
11,100.00	6,840.00	10,918.58	6,840.00	141.90	138.34	-90.02	-853.15	-5,853.92	2,640.05	2,363.30	276.76	9.539		
11,200.00	6,840.00	11,018.58	6,840.00	144.46	140.97	-90.02	-852.68	-5,953.92	2,640.02	2,358.00	282.01	9.361		
11,300.00	6,840.00	11,118.58	6,840.00	147.03	143.59	-90.02	-852.21	-6,053.92	2,639.98	2,352.70	287.28	9.190		
11,400.00	6,840.00	11,218.58	6,840.00	149.60	146.22	-90.02	-851.74	-6,153.92	2,639.95	2,347.40	292.55	9.024		
11,500.00	6,840.00	11,318.58	6,840.00	152.18	148.85	-90.02	-851.26	-6,253.92	2,639.91	2,342.09	297.83	8.864		
11,600.00	6,840.00	11,418.58	6,840.00	154.77	151.49	-90.02	-850.79	-6,353.92	2,639.88	2,336.77	303.11	8.709		
11,700.00	6,840.00	11,518.58	6,840.00	157.36	154.13	-90.02	-850.32	-6,453.92	2,639.85	2,331.44	308.40	8.560		
11,800.00	6,840.00	11,618.58	6,840.00	159.95	156.77	-90.02	-849.85	-6,553.91	2,639.81	2,326.12	313.70	8.415		
11,900.00	6,840.00	11,718.58	6,840.00	162.55	159.42	-90.02	-849.38	-6,653.91	2,639.78	2,320.78	318.99	8.275		
12,000.00	6,840.00	11,818.58	6,840.00	165.16	162.06	-90.02	-848.91	-6,753.91	2,639.74	2,315.45	324.30	8.140		
12,100.00	6,840.00	11,918.58	6,840.00	167.76	164.71	-90.02	-848.43	-6,853.91	2,639.71	2,310.10	329.61	8.009		
12,200.00	6,840.00	12,018.58	6,840.00	170.37	167.36	-90.02	-847.96	-6,953.91	2,639.68	2,304.76	334.92	7.882		
12,300.00	6,840.00	12,118.58	6,840.00	172.99	170.02	-90.02	-847.49	-7,053.91	2,639.64	2,299.41	340.23	7.758		
12,400.00	6,840.00	12,218.58	6,840.00	175.60	172.67	-90.02	-847.02	-7,153.91	2,639.61	2,294.05	345.55	7.639		
12,500.00	6,840.00	12,318.58	6,840.00	178.23	175.33	-90.02	-846.55	-7,253.91	2,639.57	2,288.69	350.88	7.523		
12,600.00	6,840.00	12,418.58	6,840.00	180.85	177.99	-90.02	-846.08	-7,353.91	2,639.54	2,283.33	356.21	7.410		
12,700.00	6,840.00	12,518.57	6,840.00	183.47	180.65	-90.02	-845.60	-7,453.90	2,639.50	2,277.97	361.54	7.301		
12,800.00	6,840.00	12,618.57	6,840.00	186.10	183.32	-90.02	-845.13	-7,553.90	2,639.47	2,272.60	366.87	7.195		
12,900.00	6,840.00	12,718.57	6,840.00	188.74	185.98	-90.02	-844.66	-7,653.90	2,639.44	2,267.23	372.21	7.091		
13,000.00	6,840.00	12,818.57	6,840.00	191.37	188.65	-90.02	-844.19	-7,753.90	2,639.40	2,261.86	377.55	6.991		
13,100.00	6,840.00	12,918.57	6,840.00	194.01	191.31	-90.02	-843.72	-7,853.90	2,639.37	2,256.48	382.89	6.893		
13,200.00	6,840.00	13,018.57	6,840.00	196.65	193.98	-90.02	-843.25	-7,953.90	2,639.33	2,251.10	388.23	6.798		
13,300.00	6,840.00	13,118.57	6,840.00	199.29	196.66	-90.02	-842.77	-8,053.90	2,639.30	2,245.72	393.58	6.706		
13,400.00	6,840.00	13,218.57	6,840.00	201.93	199.33	-90.02	-842.30	-8,153.90	2,639.27	2,240.33	398.93	6.616		
13,500.00	6,840.00	13,318.57	6,840.00	204.58	202.00	-90.02	-841.83	-8,253.90	2,639.23	2,234.95	404.29	6.528		
13,600.00	6,840.00	13,418.57	6,840.00	207.22	204.68	-90.02	-841.36	-8,353.89	2,639.20	2,229.56	409.64	6.443		
13,700.00	6,840.00	13,518.57	6,840.00	209.87	207.35	-90.02	-840.89	-8,453.89	2,639.16	2,224.16	415.00	6.359		
13,800.00	6,840.00	13,618.57	6,840.00	212.52	210.03	-90.02	-840.42	-8,553.89	2,639.13	2,218.77	420.36	6.278		
13,900.00	6,840.00	13,718.57	6,840.00	215.18	212.71	-90.02	-839.94	-8,653.89	2,639.09	2,213.38	425.72	6.199		
14,000.00	6,840.00	13,818.57	6,840.00	217.83	215.39	-90.02	-839.47	-8,753.89	2,639.06	2,207.98	431.08	6.122		
14,100.00	6,840.00	13,918.57	6,840.00	220.49	218.07	-90.02	-839.00	-8,853.89	2,639.03	2,202.58	436.45	6.047		
14,200.00	6,840.00	14,018.57	6,840.00	223.15	220.75	-90.02	-838.53	-8,953.89	2,638.99	2,197.18	441.81	5.973		
14,300.00	6,840.00	14,118.57	6,840.00	225.81	223.43	-90.02	-838.06	-9,053.89	2,638.96	2,191.77	447.18	5.901		
14,400.00	6,840.00	14,218.57	6,840.00	228.47	226.11	-90.02	-837.59	-9,153.89	2,638.92	2,186.37	452.55	5.831		
14,500.00	6,840.00	14,318.57	6,840.00	231.13	228.80	-90.02	-837.12	-9,253.88	2,638.89	2,180.96	457.93	5.763		
14,600.00	6,840.00	14,418.57	6,840.00	233.79	231.48	-90.02	-836.64	-9,353.88	2,638.86	2,175.56	463.30	5.696		
14,700.00	6,840.00	14,518.57	6,840.00	236.46	234.17	-90.02	-836.17	-9,453.88	2,638.82	2,170.15	468.68	5.630		
14,800.00	6,840.00	14,618.57	6,840.00	239.12	236.85	-90.02	-835.70	-9,553.88	2,638.79	2,164.73	474.05	5.566		
14,900.00	6,840.00	14,718.57	6,840.00	241.79	239.54	-90.02	-835.23	-9,653.88	2,638.75	2,159.32	479.43	5.504		
15,000.00	6,840.00	14,818.57	6,840.00	244.46	242.23	-90.02	-834.76	-9,753.88	2,638.72	2,153.91	484.81	5.443		
15,100.00	6,840.00	14,918.57	6,840.00	247.13	244.92	-90.02	-834.29	-9,853.88	2,638.68	2,148.49	490.19	5.383		
15,200.00	6,840.00	15,018.57	6,840.00	249.80	247.61	-90.02	-833.81	-9,953.88	2,638.65	2,143.08	495.57	5.324		
15,300.00	6,840.00	15,118.57	6,840.00	252.47	250.30	-90.02	-833.34	-10,053.88	2,638.62	2,137.66	500.96	5.267		
15,400.00	6,840.00	15,218.57	6,840.00	255.15	252.99	-90.02	-832.87	-10,153.87	2,638.58	2,132.24	506.34	5.211		
15,500.00	6,840.00	15,318.57	6,840.00	257.82	255.68	-90.02	-832.40	-10,253.87	2,638.55	2,126.82	511.73	5.156		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,418.57	6,840.00	260.50	258.37	-90.02	-831.93	-10,353.87	2,638.51	2,121.40	517.11	5.102		
15,700.00	6,840.00	15,518.57	6,840.00	263.17	261.06	-90.02	-831.46	-10,453.87	2,638.48	2,115.98	522.50	5.050		
15,800.00	6,840.00	15,618.57	6,840.00	265.85	263.76	-90.02	-830.98	-10,553.87	2,638.45	2,110.56	527.89	4.998		
15,900.00	6,840.00	15,718.57	6,840.00	268.53	266.45	-90.02	-830.51	-10,653.87	2,638.41	2,105.13	533.28	4.948		
16,000.00	6,840.00	15,818.57	6,840.00	271.20	269.14	-90.02	-830.04	-10,753.87	2,638.38	2,099.71	538.67	4.898		
16,100.00	6,840.00	15,918.57	6,840.00	273.88	271.84	-90.02	-829.57	-10,853.87	2,638.34	2,094.28	544.06	4.849		
16,200.00	6,840.00	16,018.57	6,840.00	276.56	274.53	-90.02	-829.10	-10,953.87	2,638.31	2,088.85	549.46	4.802		
16,300.00	6,840.00	16,118.57	6,840.00	279.25	277.23	-90.02	-828.63	-11,053.86	2,638.27	2,083.42	554.85	4.755		
16,400.00	6,840.00	16,218.57	6,840.00	281.93	279.92	-90.02	-828.15	-11,153.86	2,638.24	2,078.00	560.24	4.709		
16,500.00	6,840.00	16,318.57	6,840.00	284.61	282.62	-90.02	-827.68	-11,253.86	2,638.21	2,072.57	565.64	4.664		
16,600.00	6,840.00	16,418.57	6,840.00	287.29	285.32	-90.02	-827.21	-11,353.86	2,638.17	2,067.14	571.04	4.620		
16,700.00	6,840.00	16,518.57	6,840.00	289.98	288.02	-90.02	-826.74	-11,453.86	2,638.14	2,061.70	576.43	4.577		
16,800.00	6,840.00	16,618.57	6,840.00	292.66	290.71	-90.02	-826.27	-11,553.86	2,638.10	2,056.27	581.83	4.534		
16,900.00	6,840.00	16,718.57	6,840.00	295.35	293.41	-90.02	-825.80	-11,653.86	2,638.07	2,050.84	587.23	4.492		
17,000.00	6,840.00	16,818.57	6,840.00	298.03	296.11	-90.02	-825.32	-11,753.86	2,638.04	2,045.40	592.63	4.451		
17,100.00	6,840.00	16,918.57	6,840.00	300.72	298.81	-90.02	-824.85	-11,853.86	2,638.00	2,039.97	598.03	4.411		
17,200.00	6,840.00	17,018.57	6,840.00	303.41	301.51	-90.02	-824.38	-11,953.85	2,637.97	2,034.54	603.43	4.372		
17,300.00	6,840.00	17,118.57	6,840.00	306.09	304.21	-90.02	-823.91	-12,053.85	2,637.93	2,029.10	608.83	4.333		
17,400.00	6,840.00	17,218.57	6,840.00	308.78	306.91	-90.02	-823.44	-12,153.85	2,637.90	2,023.66	614.24	4.295		
17,500.00	6,840.00	17,318.57	6,840.00	311.47	309.61	-90.02	-822.97	-12,253.85	2,637.86	2,018.23	619.64	4.257		
17,600.00	6,840.00	17,418.57	6,840.00	314.16	312.31	-90.02	-822.49	-12,353.85	2,637.83	2,012.79	625.04	4.220		
17,700.00	6,840.00	17,518.57	6,840.00	316.85	315.01	-90.02	-822.02	-12,453.85	2,637.80	2,007.35	630.45	4.184		
17,800.00	6,840.00	17,618.57	6,840.00	319.54	317.71	-90.02	-821.55	-12,553.85	2,637.76	2,001.91	635.85	4.148		
17,900.00	6,840.00	17,718.57	6,840.00	322.23	320.41	-90.02	-821.08	-12,653.85	2,637.73	1,996.47	641.26	4.113		
18,000.00	6,840.00	17,818.57	6,840.00	324.92	323.12	-90.02	-820.61	-12,753.85	2,637.69	1,991.03	646.66	4.079		
18,100.00	6,840.00	17,918.57	6,840.00	327.62	325.82	-90.02	-820.14	-12,853.84	2,637.66	1,985.59	652.07	4.045		
18,200.00	6,840.00	18,018.57	6,840.00	330.31	328.52	-90.02	-819.66	-12,953.84	2,637.63	1,980.15	657.48	4.012		
18,300.00	6,840.00	18,118.57	6,840.00	333.00	331.22	-90.02	-819.19	-13,053.84	2,637.59	1,974.71	662.88	3.979		
18,400.00	6,840.00	18,218.57	6,840.00	335.70	333.93	-90.02	-818.72	-13,153.84	2,637.56	1,969.26	668.29	3.947		
18,500.00	6,840.00	18,318.57	6,840.00	338.39	336.63	-90.02	-818.25	-13,253.84	2,637.52	1,963.82	673.70	3.915		
18,600.00	6,840.00	18,418.57	6,840.00	341.08	339.33	-90.02	-817.78	-13,353.84	2,637.49	1,958.38	679.11	3.884		
18,700.00	6,840.00	18,518.57	6,840.00	343.78	342.04	-90.02	-817.31	-13,453.84	2,637.45	1,952.93	684.52	3.853		
18,800.00	6,840.00	18,618.57	6,840.00	346.47	344.74	-90.02	-816.83	-13,553.84	2,637.42	1,947.49	689.93	3.823		
18,900.00	6,840.00	18,718.57	6,840.00	349.17	347.45	-90.02	-816.36	-13,653.84	2,637.39	1,942.05	695.34	3.793		
19,000.00	6,840.00	18,818.57	6,840.00	351.86	350.15	-90.02	-815.89	-13,753.83	2,637.35	1,936.60	700.75	3.764		
19,100.00	6,840.00	18,918.57	6,840.00	354.56	352.86	-90.02	-815.42	-13,853.83	2,637.32	1,931.15	706.16	3.735		
19,200.00	6,840.00	19,018.57	6,840.00	357.26	355.56	-90.02	-814.95	-13,953.83	2,637.28	1,925.71	711.57	3.706		
19,300.00	6,840.00	19,118.57	6,840.00	359.95	358.27	-90.02	-814.48	-14,053.83	2,637.25	1,920.26	716.99	3.678		
19,400.00	6,840.00	19,218.57	6,840.00	362.65	360.97	-90.02	-814.00	-14,153.83	2,637.22	1,914.82	722.40	3.651		
19,500.00	6,840.00	19,318.57	6,840.00	365.35	363.68	-90.02	-813.53	-14,253.83	2,637.18	1,909.37	727.81	3.623		
19,600.00	6,840.00	19,418.57	6,840.00	368.05	366.39	-90.02	-813.06	-14,353.83	2,637.15	1,903.92	733.23	3.597		
19,700.00	6,840.00	19,518.57	6,840.00	370.74	369.09	-90.02	-812.59	-14,453.83	2,637.11	1,898.47	738.64	3.570		
19,800.00	6,840.00	19,618.57	6,840.00	373.44	371.80	-90.02	-812.12	-14,553.83	2,637.08	1,893.02	744.05	3.544		
19,900.00	6,840.00	19,718.57	6,840.00	376.14	374.50	-90.02	-811.65	-14,653.82	2,637.04	1,887.58	749.47	3.519		
20,000.00	6,840.00	19,818.57	6,840.00	378.84	377.21	-90.02	-811.17	-14,753.82	2,637.01	1,882.13	754.88	3.493		
20,100.00	6,840.00	19,918.57	6,840.00	381.54	379.92	-90.02	-810.70	-14,853.82	2,636.98	1,876.68	760.30	3.468		
20,200.00	6,840.00	20,018.57	6,840.00	384.24	382.63	-90.02	-810.23	-14,953.82	2,636.94	1,871.23	765.72	3.444		
20,300.00	6,840.00	20,118.57	6,840.00	386.94	385.33	-90.02	-809.76	-15,053.82	2,636.91	1,865.78	771.13	3.420		
20,400.00	6,840.00	20,218.57	6,840.00	389.64	388.04	-90.02	-809.29	-15,153.82	2,636.87	1,860.33	776.55	3.396		
20,500.00	6,840.00	20,318.57	6,840.00	392.34	390.75	-90.02	-808.82	-15,253.82	2,636.84	1,854.87	781.96	3.372		
20,598.24	6,840.00	20,416.81	6,840.00	394.99	393.41	-90.02	-808.35	-15,352.05	2,636.81	1,849.52	787.29	3.349		
20,600.00	6,840.00	20,415.30	6,840.00	395.04	393.37	-90.02	-808.36	-15,350.54	2,636.81	1,849.54	787.27	3.349		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	20,415.30	6,840.00	395.31	393.37	-90.02	-808.36	-15,350.54	2,636.83	1,849.37	787.47	3.349 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.92	-202.55	-0.28	202.55					
100.00	100.00	101.00	99.00	0.13	0.14	-179.92	-202.55	-0.28	202.55	202.28	0.27	743.482		
200.00	200.00	201.00	199.00	0.49	0.50	-179.92	-202.55	-0.28	202.55	201.56	0.99	204.727		
300.00	300.00	301.00	299.00	0.85	0.85	-179.92	-202.55	-0.28	202.55	200.85	1.71	118.707		
400.00	400.00	401.00	399.00	1.21	1.21	-179.92	-202.55	-0.28	202.55	200.13	2.42	83.587	CC, ES	
500.00	499.98	498.98	498.98	1.57	1.56	-131.01	-202.55	-0.28	203.69	200.56	3.13	65.057		
600.00	599.84	595.93	595.92	1.93	1.90	-131.61	-203.25	-1.73	207.86	204.03	3.83	54.300		
700.00	699.45	692.63	692.48	2.29	2.23	-131.99	-205.37	-6.11	215.77	211.24	4.53	47.659		
800.00	798.70	788.90	788.41	2.67	2.58	-132.17	-208.89	-13.38	227.40	222.16	5.24	43.363		
900.00	897.47	884.54	883.39	3.07	2.93	-132.15	-213.77	-23.48	242.71	236.73	5.98	40.566		
1,000.00	995.62	979.38	977.14	3.50	3.30	-131.95	-219.97	-36.31	261.64	254.89	6.75	38.765		
1,100.00	1,093.06	1,073.23	1,069.41	3.97	3.70	-131.61	-227.43	-51.74	284.15	276.60	7.55	37.640		
1,200.00	1,189.64	1,165.92	1,159.94	4.47	4.11	-131.16	-236.08	-69.65	310.18	301.79	8.39	36.979		
1,300.00	1,285.27	1,257.31	1,248.52	5.01	4.56	-130.63	-245.86	-89.88	339.65	330.38	9.27	36.642		
1,400.00	1,379.82	1,347.25	1,334.95	5.61	5.03	-130.02	-256.68	-112.26	372.49	362.29	10.20	36.524		
1,500.00	1,473.17	1,435.61	1,419.07	6.25	5.53	-129.36	-268.45	-136.62	408.62	397.44	11.18	36.556		
1,600.00	1,565.21	1,522.30	1,500.74	6.96	6.05	-128.66	-281.09	-162.77	447.94	435.74	12.21	36.695		
1,700.00	1,656.01	1,609.15	1,581.70	7.72	6.62	-128.25	-294.77	-191.08	490.10	476.79	13.31	36.834		
1,800.00	1,746.60	1,700.41	1,665.78	8.50	7.24	-128.21	-309.27	-221.07	532.78	518.30	14.48	36.787		
1,900.00	1,837.19	1,809.98	1,749.85	9.30	8.00	-128.17	-323.77	-251.06	575.46	559.66	15.81	36.408		
2,000.00	1,927.79	1,880.45	1,833.92	10.12	8.50	-128.13	-338.26	-281.06	618.14	601.25	16.89	36.595		
2,100.00	2,018.38	1,970.89	1,918.00	10.93	9.14	-128.10	-352.76	-311.05	660.83	642.70	18.12	36.463		
2,200.00	2,108.97	2,061.32	2,002.07	11.76	9.80	-128.07	-367.26	-341.04	703.51	684.14	19.37	36.324		
2,300.00	2,199.56	2,151.75	2,086.14	12.59	10.45	-128.05	-381.75	-371.04	746.19	725.57	20.62	36.183		
2,400.00	2,290.15	2,242.18	2,170.22	13.43	11.12	-128.03	-396.25	-401.03	788.87	766.99	21.89	36.045		
2,500.00	2,380.75	2,332.62	2,254.29	14.26	11.78	-128.01	-410.75	-431.02	831.56	808.40	23.16	35.911		
2,600.00	2,471.34	2,423.05	2,338.37	15.11	12.45	-127.99	-425.24	-461.02	874.24	849.81	24.43	35.781		
2,700.00	2,561.93	2,513.48	2,422.44	15.95	13.12	-127.98	-439.74	-491.01	916.92	891.21	25.71	35.658		
2,800.00	2,652.52	2,603.92	2,506.51	16.80	13.80	-127.96	-454.24	-521.00	959.61	932.61	27.00	35.540		
2,900.00	2,743.12	2,705.65	2,590.59	17.64	14.56	-127.95	-468.73	-551.00	1,002.29	973.92	28.37	35.329		
3,000.00	2,833.71	2,784.78	2,674.66	18.49	15.15	-127.94	-483.23	-580.99	1,044.97	1,015.39	29.58	35.322		
3,100.00	2,924.30	2,875.22	2,758.73	19.35	15.83	-127.93	-497.73	-610.98	1,087.66	1,056.78	30.88	35.221		
3,200.00	3,014.89	2,965.65	2,842.81	20.20	16.51	-127.92	-512.23	-640.98	1,130.34	1,098.16	32.18	35.126		
3,300.00	3,105.48	3,056.08	2,926.88	21.05	17.19	-127.91	-526.72	-670.97	1,173.02	1,139.54	33.48	35.036		
3,400.00	3,196.08	3,146.51	3,010.95	21.91	17.87	-127.90	-541.22	-700.96	1,215.71	1,180.92	34.78	34.950		
3,500.00	3,286.67	3,236.95	3,095.03	22.76	18.55	-127.89	-555.72	-730.95	1,258.39	1,222.30	36.09	34.869		
3,600.00	3,377.26	3,327.38	3,179.10	23.62	19.23	-127.88	-570.21	-760.95	1,301.07	1,263.68	37.40	34.792		
3,700.00	3,467.85	3,417.81	3,263.17	24.47	19.92	-127.88	-584.71	-790.94	1,343.76	1,305.05	38.70	34.719		
3,800.00	3,558.45	3,508.25	3,347.25	25.33	20.60	-127.87	-599.21	-820.93	1,386.44	1,346.43	40.01	34.649		
3,900.00	3,649.04	3,601.32	3,431.32	26.19	21.31	-127.86	-613.70	-850.93	1,429.12	1,387.78	41.34	34.567		
4,000.00	3,739.63	3,689.11	3,515.39	27.05	21.97	-127.86	-628.20	-880.92	1,471.81	1,429.17	42.64	34.520		
4,100.00	3,830.22	3,779.54	3,599.47	27.90	22.66	-127.85	-642.70	-910.91	1,514.49	1,470.54	43.95	34.460		
4,200.00	3,920.81	3,869.98	3,683.54	28.76	23.35	-127.85	-657.19	-940.91	1,557.17	1,511.91	45.26	34.402		
4,300.00	4,011.41	3,960.41	3,767.61	29.62	24.03	-127.84	-671.69	-970.90	1,599.86	1,553.28	46.58	34.348		
4,400.00	4,102.00	4,050.84	3,851.69	30.48	24.72	-127.84	-686.19	-1,000.89	1,642.54	1,594.65	47.89	34.295		
4,500.00	4,192.59	4,141.28	3,935.76	31.34	25.41	-127.83	-700.68	-1,030.89	1,685.22	1,636.01	49.21	34.245		
4,600.00	4,283.18	4,231.71	4,019.84	32.20	26.10	-127.83	-715.18	-1,060.88	1,727.91	1,677.38	50.53	34.197		
4,700.00	4,373.78	4,322.14	4,103.91	33.06	26.78	-127.82	-729.68	-1,090.87	1,770.59	1,718.75	51.85	34.152		
4,800.00	4,464.37	4,412.57	4,187.98	33.92	27.47	-127.82	-744.17	-1,120.87	1,813.28	1,760.11	53.16	34.108		
4,900.00	4,554.96	4,503.01	4,272.06	34.78	28.16	-127.82	-758.67	-1,150.86	1,855.96	1,801.48	54.48	34.065		
5,000.00	4,645.55	4,606.56	4,356.13	35.64	28.95	-127.81	-773.17	-1,180.85	1,898.64	1,842.75	55.90	33.968		
5,100.00	4,736.14	4,683.87	4,440.20	36.51	29.54	-127.81	-787.67	-1,210.85	1,941.33	1,884.20	57.12	33.986		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,774.31	4,524.28	37.37	30.23	-127.81	-802.16	-1,240.84	1,984.01	1,925.57	58.44	33.948		
5,300.00	4,917.33	4,864.74	4,608.35	38.23	30.92	-127.80	-816.66	-1,270.83	2,026.69	1,966.93	59.76	33.912		
5,400.00	5,007.92	4,955.17	4,692.42	39.09	31.61	-127.80	-831.16	-1,300.83	2,069.38	2,008.29	61.08	33.877		
5,500.00	5,098.51	5,045.60	4,776.50	39.95	32.30	-127.80	-845.65	-1,330.82	2,112.06	2,049.65	62.41	33.844		
5,600.00	5,189.11	5,136.04	4,860.57	40.81	32.99	-127.79	-860.15	-1,360.81	2,154.74	2,091.02	63.73	33.811		
5,700.00	5,279.70	5,226.47	4,944.64	41.68	33.68	-127.79	-874.65	-1,390.81	2,197.43	2,132.38	65.05	33.780		
5,800.00	5,370.29	5,316.90	5,028.72	42.54	34.37	-127.79	-889.14	-1,420.80	2,240.11	2,173.74	66.37	33.750		
5,900.00	5,460.88	5,407.34	5,112.79	43.40	35.06	-127.79	-903.64	-1,450.79	2,282.79	2,215.10	67.70	33.721		
6,000.00	5,551.47	5,502.23	5,196.86	44.26	35.78	-127.78	-918.14	-1,480.79	2,325.48	2,256.43	69.05	33.677		
6,100.00	5,642.07	5,588.20	5,280.94	45.13	36.44	-127.78	-932.63	-1,510.78	2,368.16	2,297.82	70.34	33.665		
6,200.00	5,732.66	5,678.63	5,365.01	45.99	37.13	-127.78	-947.13	-1,540.77	2,410.85	2,339.18	71.67	33.639		
6,300.00	5,823.25	5,769.07	5,449.08	46.85	37.82	-127.78	-961.63	-1,570.76	2,453.53	2,380.54	72.99	33.613		
6,400.00	5,913.84	5,859.50	5,533.16	47.72	38.51	-127.78	-976.12	-1,600.76	2,496.21	2,421.89	74.32	33.588		
6,500.00	6,004.44	5,949.93	5,617.23	48.58	39.20	-127.77	-990.62	-1,630.75	2,538.90	2,463.25	75.64	33.564		
6,600.00	6,095.03	6,040.37	5,701.30	49.44	39.90	-127.77	-1,005.12	-1,660.74	2,581.58	2,504.61	76.97	33.540		
6,700.00	6,185.62	6,130.80	5,785.38	50.30	40.59	-127.77	-1,019.62	-1,690.74	2,624.26	2,545.97	78.29	33.518		
6,800.00	6,276.21	6,221.23	5,869.45	51.17	41.28	-127.77	-1,034.11	-1,720.73	2,666.95	2,587.33	79.62	33.496		
6,900.00	6,366.80	6,311.66	5,953.53	52.03	41.97	-127.77	-1,048.61	-1,750.72	2,709.63	2,628.68	80.95	33.474		
7,000.00	6,457.40	6,402.10	6,037.60	52.89	42.66	-127.77	-1,063.11	-1,780.72	2,752.31	2,670.04	82.27	33.453		
7,100.00	6,548.00	6,507.50	6,121.65	53.85	43.47	-113.84	-1,077.60	-1,810.70	2,794.27	2,710.48	83.79	33.347		
7,200.00	6,626.13	6,581.21	6,204.12	55.05	44.03	-103.33	-1,091.82	-1,840.12	2,833.75	2,748.44	85.31	33.217		
7,300.00	6,696.49	6,665.54	6,282.52	56.46	44.67	-96.24	-1,105.34	-1,868.09	2,869.94	2,782.83	87.11	32.948		
7,400.00	6,754.56	6,742.93	6,354.46	58.05	45.27	-91.32	-1,117.74	-1,893.76	2,902.37	2,813.36	89.02	32.605		
7,500.00	6,798.57	6,811.02	6,417.77	59.78	45.79	-87.89	-1,128.66	-1,916.34	2,930.84	2,839.87	90.97	32.217		
7,600.00	6,827.18	6,898.75	6,498.85	61.58	46.48	-86.06	-1,142.63	-1,946.73	2,955.27	2,861.91	93.36	31.655		
7,700.00	6,839.51	7,407.19	6,818.53	63.39	53.87	-89.75	-1,196.53	-2,316.71	2,971.07	2,865.59	105.49	28.166		
7,800.00	6,840.00	7,648.17	6,840.00	65.19	58.54	-90.02	-1,199.13	-2,555.69	2,971.60	2,858.50	113.10	26.275		
7,900.00	6,840.00	7,748.17	6,840.00	67.04	60.54	-90.02	-1,198.65	-2,655.69	2,971.56	2,854.21	117.35	25.323		
8,000.00	6,840.00	7,848.17	6,840.00	68.95	62.60	-90.02	-1,198.18	-2,755.68	2,971.52	2,849.83	121.69	24.419		
8,100.00	6,840.00	7,948.17	6,840.00	70.91	64.71	-90.02	-1,197.70	-2,855.68	2,971.48	2,845.36	126.12	23.561		
8,200.00	6,840.00	8,048.17	6,840.00	72.91	66.86	-90.02	-1,197.22	-2,955.68	2,971.44	2,840.82	130.62	22.748		
8,300.00	6,840.00	8,148.17	6,840.00	74.96	69.06	-90.02	-1,196.74	-3,055.68	2,971.40	2,836.20	135.20	21.979		
8,400.00	6,840.00	8,248.17	6,840.00	77.05	71.29	-90.02	-1,196.27	-3,155.68	2,971.36	2,831.53	139.83	21.250		
8,500.00	6,840.00	8,348.17	6,840.00	79.18	73.55	-90.02	-1,195.79	-3,255.68	2,971.32	2,826.80	144.52	20.560		
8,600.00	6,840.00	8,448.17	6,840.00	81.34	75.84	-90.02	-1,195.31	-3,355.68	2,971.28	2,822.02	149.26	19.906		
8,700.00	6,840.00	8,548.17	6,840.00	83.54	78.17	-90.02	-1,194.83	-3,455.68	2,971.24	2,817.19	154.05	19.287		
8,800.00	6,840.00	8,648.17	6,840.00	85.76	80.51	-90.02	-1,194.36	-3,555.68	2,971.20	2,812.32	158.88	18.701		
8,900.00	6,840.00	8,748.17	6,840.00	88.02	82.88	-90.02	-1,193.88	-3,655.67	2,971.16	2,807.41	163.75	18.144		
9,000.00	6,840.00	8,848.17	6,840.00	90.30	85.28	-90.02	-1,193.40	-3,755.67	2,971.12	2,802.47	168.66	17.617		
9,100.00	6,840.00	8,948.17	6,840.00	92.60	87.69	-90.02	-1,192.93	-3,855.67	2,971.08	2,797.49	173.59	17.115		
9,200.00	6,840.00	9,048.17	6,840.00	94.93	90.12	-90.02	-1,192.45	-3,955.67	2,971.04	2,792.49	178.56	16.639		
9,300.00	6,840.00	9,148.17	6,840.00	97.28	92.56	-90.02	-1,191.97	-4,055.67	2,971.00	2,787.45	183.55	16.187		
9,400.00	6,840.00	9,248.17	6,840.00	99.65	95.02	-90.02	-1,191.49	-4,155.67	2,970.96	2,782.40	188.56	15.756		
9,500.00	6,840.00	9,348.17	6,840.00	102.03	97.50	-90.02	-1,191.02	-4,255.67	2,970.92	2,777.32	193.60	15.345		
9,600.00	6,840.00	9,448.17	6,840.00	104.43	99.99	-90.02	-1,190.54	-4,355.67	2,970.88	2,772.22	198.66	14.954		
9,700.00	6,840.00	9,548.17	6,840.00	106.85	102.49	-90.02	-1,190.06	-4,455.67	2,970.84	2,767.10	203.74	14.581		
9,800.00	6,840.00	9,648.17	6,840.00	109.29	105.00	-90.02	-1,189.58	-4,555.66	2,970.80	2,761.96	208.84	14.225		
9,900.00	6,840.00	9,748.17	6,840.00	111.73	107.52	-90.02	-1,189.11	-4,655.66	2,970.76	2,756.81	213.96	13.885		
10,000.00	6,840.00	9,848.17	6,840.00	114.19	110.05	-90.02	-1,188.63	-4,755.66	2,970.72	2,751.63	219.09	13.560		
10,100.00	6,840.00	9,948.17	6,840.00	116.66	112.59	-90.02	-1,188.15	-4,855.66	2,970.68	2,746.45	224.23	13.248		
10,200.00	6,840.00	10,048.17	6,840.00	119.15	115.14	-90.02	-1,187.67	-4,955.66	2,970.64	2,741.25	229.39	12.950		
10,300.00	6,840.00	10,148.17	6,840.00	121.64	117.70	-90.02	-1,187.20	-5,055.66	2,970.60	2,736.04	234.56	12.664		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,248.17	6,840.00	124.14	120.26	-90.02	-1,186.72	-5,155.66	2,970.56	2,730.82	239.75	12.390		
10,500.00	6,840.00	10,348.17	6,840.00	126.65	122.83	-90.02	-1,186.24	-5,255.66	2,970.52	2,725.58	244.94	12.128		
10,600.00	6,840.00	10,448.17	6,840.00	129.18	125.41	-90.02	-1,185.77	-5,355.65	2,970.48	2,720.34	250.15	11.875		
10,700.00	6,840.00	10,548.17	6,840.00	131.70	128.00	-90.02	-1,185.29	-5,455.65	2,970.44	2,715.08	255.36	11.632		
10,800.00	6,840.00	10,648.17	6,840.00	134.24	130.58	-90.02	-1,184.81	-5,555.65	2,970.40	2,709.82	260.58	11.399		
10,900.00	6,840.00	10,748.17	6,840.00	136.79	133.18	-90.02	-1,184.33	-5,655.65	2,970.36	2,704.55	265.82	11.175		
11,000.00	6,840.00	10,848.17	6,840.00	139.34	135.78	-90.02	-1,183.86	-5,755.65	2,970.32	2,699.27	271.06	10.958		
11,100.00	6,840.00	10,948.17	6,840.00	141.90	138.38	-90.02	-1,183.38	-5,855.65	2,970.28	2,693.98	276.31	10.750		
11,200.00	6,840.00	11,048.17	6,840.00	144.46	140.99	-90.02	-1,182.90	-5,955.65	2,970.24	2,688.68	281.56	10.549		
11,300.00	6,840.00	11,148.17	6,840.00	147.03	143.61	-90.02	-1,182.42	-6,055.65	2,970.20	2,683.38	286.82	10.356		
11,400.00	6,840.00	11,248.17	6,840.00	149.60	146.22	-90.02	-1,181.95	-6,155.65	2,970.16	2,678.07	292.09	10.169		
11,500.00	6,840.00	11,348.17	6,840.00	152.18	148.84	-90.02	-1,181.47	-6,255.64	2,970.12	2,672.76	297.37	9.988		
11,600.00	6,840.00	11,448.17	6,840.00	154.77	151.47	-90.02	-1,180.99	-6,355.64	2,970.08	2,667.44	302.65	9.814		
11,700.00	6,840.00	11,548.17	6,840.00	157.36	154.10	-90.02	-1,180.51	-6,455.64	2,970.04	2,662.11	307.93	9.645		
11,800.00	6,840.00	11,648.17	6,840.00	159.95	156.73	-90.02	-1,180.04	-6,555.64	2,970.00	2,656.78	313.23	9.482		
11,900.00	6,840.00	11,748.17	6,840.00	162.55	159.36	-90.02	-1,179.56	-6,655.64	2,969.96	2,651.44	318.52	9.324		
12,000.00	6,840.00	11,848.17	6,840.00	165.16	162.00	-90.02	-1,179.08	-6,755.64	2,969.92	2,646.10	323.82	9.171		
12,100.00	6,840.00	11,948.17	6,840.00	167.76	164.64	-90.02	-1,178.60	-6,855.64	2,969.88	2,640.75	329.13	9.023		
12,200.00	6,840.00	12,048.17	6,840.00	170.37	167.28	-90.02	-1,178.13	-6,955.64	2,969.84	2,635.40	334.44	8.880		
12,300.00	6,840.00	12,148.17	6,840.00	172.99	169.92	-90.02	-1,177.65	-7,055.64	2,969.80	2,630.05	339.75	8.741		
12,400.00	6,840.00	12,248.17	6,840.00	175.60	172.57	-90.02	-1,177.17	-7,155.63	2,969.76	2,624.69	345.07	8.606		
12,500.00	6,840.00	12,348.17	6,840.00	178.23	175.22	-90.02	-1,176.70	-7,255.63	2,969.72	2,619.33	350.39	8.475		
12,600.00	6,840.00	12,448.17	6,840.00	180.85	177.87	-90.02	-1,176.22	-7,355.63	2,969.68	2,613.96	355.72	8.348		
12,700.00	6,840.00	12,548.17	6,840.00	183.47	180.53	-90.02	-1,175.74	-7,455.63	2,969.65	2,608.60	361.05	8.225		
12,800.00	6,840.00	12,648.17	6,840.00	186.10	183.18	-90.02	-1,175.26	-7,555.63	2,969.61	2,603.22	366.38	8.105		
12,900.00	6,840.00	12,748.17	6,840.00	188.74	185.84	-90.02	-1,174.79	-7,655.63	2,969.57	2,597.85	371.72	7.989		
13,000.00	6,840.00	12,848.17	6,840.00	191.37	188.50	-90.02	-1,174.31	-7,755.63	2,969.53	2,592.47	377.06	7.876		
13,100.00	6,840.00	12,948.17	6,840.00	194.01	191.16	-90.02	-1,173.83	-7,855.63	2,969.49	2,587.09	382.40	7.765		
13,200.00	6,840.00	13,048.17	6,840.00	196.65	193.82	-90.02	-1,173.35	-7,955.63	2,969.45	2,581.71	387.74	7.658		
13,300.00	6,840.00	13,148.17	6,840.00	199.29	196.49	-90.02	-1,172.88	-8,055.62	2,969.41	2,576.32	393.09	7.554		
13,400.00	6,840.00	13,248.17	6,840.00	201.93	199.15	-90.02	-1,172.40	-8,155.62	2,969.37	2,570.93	398.44	7.453		
13,500.00	6,840.00	13,348.17	6,840.00	204.58	201.82	-90.02	-1,171.92	-8,255.62	2,969.33	2,565.54	403.79	7.354		
13,600.00	6,840.00	13,448.17	6,840.00	207.22	204.49	-90.02	-1,171.44	-8,355.62	2,969.29	2,560.15	409.14	7.257		
13,700.00	6,840.00	13,548.17	6,840.00	209.87	207.16	-90.02	-1,170.97	-8,455.62	2,969.25	2,554.75	414.50	7.163		
13,800.00	6,840.00	13,648.17	6,840.00	212.52	209.83	-90.02	-1,170.49	-8,555.62	2,969.21	2,549.35	419.85	7.072		
13,900.00	6,840.00	13,748.17	6,840.00	215.18	212.50	-90.02	-1,170.01	-8,655.62	2,969.17	2,543.95	425.22	6.983		
14,000.00	6,840.00	13,848.17	6,840.00	217.83	215.18	-90.02	-1,169.54	-8,755.62	2,969.13	2,538.55	430.58	6.896		
14,100.00	6,840.00	13,948.17	6,840.00	220.49	217.85	-90.02	-1,169.06	-8,855.61	2,969.09	2,533.15	435.94	6.811		
14,200.00	6,840.00	14,048.17	6,840.00	223.15	220.53	-90.02	-1,168.58	-8,955.61	2,969.05	2,527.74	441.31	6.728		
14,300.00	6,840.00	14,148.17	6,840.00	225.81	223.21	-90.02	-1,168.10	-9,055.61	2,969.01	2,522.33	446.68	6.647		
14,400.00	6,840.00	14,248.17	6,840.00	228.47	225.88	-90.02	-1,167.63	-9,155.61	2,968.97	2,516.92	452.04	6.568		
14,500.00	6,840.00	14,348.17	6,840.00	231.13	228.56	-90.02	-1,167.15	-9,255.61	2,968.93	2,511.51	457.42	6.491		
14,600.00	6,840.00	14,448.17	6,840.00	233.79	231.24	-90.02	-1,166.67	-9,355.61	2,968.89	2,506.10	462.79	6.415		
14,700.00	6,840.00	14,548.17	6,840.00	236.46	233.92	-90.02	-1,166.19	-9,455.61	2,968.85	2,500.68	468.16	6.341		
14,800.00	6,840.00	14,648.17	6,840.00	239.12	236.61	-90.02	-1,165.72	-9,555.61	2,968.81	2,495.27	473.54	6.269		
14,900.00	6,840.00	14,748.17	6,840.00	241.79	239.29	-90.02	-1,165.24	-9,655.61	2,968.77	2,489.85	478.92	6.199		
15,000.00	6,840.00	14,848.17	6,840.00	244.46	241.97	-90.02	-1,164.76	-9,755.60	2,968.73	2,484.43	484.29	6.130		
15,100.00	6,840.00	14,948.17	6,840.00	247.13	244.66	-90.02	-1,164.28	-9,855.60	2,968.69	2,479.01	489.67	6.063		
15,200.00	6,840.00	15,048.17	6,840.00	249.80	247.34	-90.02	-1,163.81	-9,955.60	2,968.65	2,473.59	495.06	5.997		
15,300.00	6,840.00	15,148.17	6,840.00	252.47	250.03	-90.02	-1,163.33	-10,055.60	2,968.61	2,468.17	500.44	5.932		
15,400.00	6,840.00	15,248.17	6,840.00	255.15	252.72	-90.02	-1,162.85	-10,155.60	2,968.57	2,462.75	505.82	5.869		
15,500.00	6,840.00	15,348.17	6,840.00	257.82	255.40	-90.02	-1,162.37	-10,255.60	2,968.53	2,457.32	511.21	5.807		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,448.17	6,840.00	260.50	258.09	-90.02	-1,161.90	-10,355.60	2,968.49	2,451.90	516.59	5.746		
15,700.00	6,840.00	15,548.17	6,840.00	263.17	260.78	-90.02	-1,161.42	-10,455.60	2,968.45	2,446.47	521.98	5.687		
15,800.00	6,840.00	15,648.17	6,840.00	265.85	263.47	-90.02	-1,160.94	-10,555.60	2,968.41	2,441.04	527.37	5.629		
15,900.00	6,840.00	15,748.17	6,840.00	268.53	266.16	-90.02	-1,160.47	-10,655.59	2,968.37	2,435.61	532.76	5.572		
16,000.00	6,840.00	15,848.17	6,840.00	271.20	268.85	-90.02	-1,159.99	-10,755.59	2,968.33	2,430.18	538.15	5.516		
16,100.00	6,840.00	15,948.17	6,840.00	273.88	271.54	-90.02	-1,159.51	-10,855.59	2,968.29	2,424.75	543.54	5.461		
16,200.00	6,840.00	16,048.17	6,840.00	276.56	274.23	-90.02	-1,159.03	-10,955.59	2,968.25	2,419.32	548.93	5.407		
16,300.00	6,840.00	16,148.17	6,840.00	279.25	276.93	-90.02	-1,158.56	-11,055.59	2,968.21	2,413.88	554.32	5.355		
16,400.00	6,840.00	16,248.17	6,840.00	281.93	279.62	-90.02	-1,158.08	-11,155.59	2,968.17	2,408.45	559.72	5.303		
16,500.00	6,840.00	16,348.17	6,840.00	284.61	282.31	-90.02	-1,157.60	-11,255.59	2,968.13	2,403.02	565.11	5.252		
16,600.00	6,840.00	16,448.17	6,840.00	287.29	285.01	-90.02	-1,157.12	-11,355.59	2,968.09	2,397.58	570.51	5.203		
16,700.00	6,840.00	16,548.17	6,840.00	289.98	287.70	-90.02	-1,156.65	-11,455.59	2,968.05	2,392.14	575.91	5.154		
16,800.00	6,840.00	16,648.17	6,840.00	292.66	290.40	-90.02	-1,156.17	-11,555.58	2,968.01	2,386.71	581.30	5.106		
16,900.00	6,840.00	16,748.17	6,840.00	295.35	293.09	-90.02	-1,155.69	-11,655.58	2,967.97	2,381.27	586.70	5.059		
17,000.00	6,840.00	16,848.17	6,840.00	298.03	295.79	-90.02	-1,155.21	-11,755.58	2,967.93	2,375.83	592.10	5.013		
17,100.00	6,840.00	16,948.17	6,840.00	300.72	298.48	-90.02	-1,154.74	-11,855.58	2,967.89	2,370.39	597.50	4.967		
17,200.00	6,840.00	17,048.17	6,840.00	303.41	301.18	-90.02	-1,154.26	-11,955.58	2,967.85	2,364.95	602.90	4.923		
17,300.00	6,840.00	17,148.17	6,840.00	306.09	303.88	-90.02	-1,153.78	-12,055.58	2,967.81	2,359.51	608.30	4.879		
17,400.00	6,840.00	17,248.17	6,840.00	308.78	306.58	-90.02	-1,153.31	-12,155.58	2,967.77	2,354.07	613.70	4.836		
17,500.00	6,840.00	17,348.17	6,840.00	311.47	309.27	-90.02	-1,152.83	-12,255.58	2,967.73	2,348.62	619.11	4.794		
17,600.00	6,840.00	17,448.17	6,840.00	314.16	311.97	-90.02	-1,152.35	-12,355.57	2,967.69	2,343.18	624.51	4.752		
17,700.00	6,840.00	17,548.17	6,840.00	316.85	314.67	-90.02	-1,151.87	-12,455.57	2,967.65	2,337.74	629.91	4.711		
17,800.00	6,840.00	17,648.17	6,840.00	319.54	317.37	-90.02	-1,151.40	-12,555.57	2,967.61	2,332.29	635.32	4.671		
17,900.00	6,840.00	17,748.17	6,840.00	322.23	320.07	-90.02	-1,150.92	-12,655.57	2,967.57	2,326.85	640.72	4.632		
18,000.00	6,840.00	17,848.17	6,840.00	324.92	322.77	-90.02	-1,150.44	-12,755.57	2,967.53	2,321.40	646.13	4.593		
18,100.00	6,840.00	17,948.17	6,840.00	327.62	325.47	-90.02	-1,149.96	-12,855.57	2,967.49	2,315.96	651.53	4.555		
18,200.00	6,840.00	18,048.17	6,840.00	330.31	328.17	-90.02	-1,149.49	-12,955.57	2,967.45	2,310.51	656.94	4.517		
18,300.00	6,840.00	18,148.17	6,840.00	333.00	330.87	-90.02	-1,149.01	-13,055.57	2,967.41	2,305.06	662.35	4.480		
18,400.00	6,840.00	18,248.17	6,840.00	335.70	333.57	-90.02	-1,148.53	-13,155.57	2,967.37	2,299.62	667.76	4.444		
18,500.00	6,840.00	18,348.17	6,840.00	338.39	336.27	-90.02	-1,148.05	-13,255.56	2,967.33	2,294.17	673.16	4.408		
18,600.00	6,840.00	18,448.17	6,840.00	341.08	338.98	-90.02	-1,147.58	-13,355.56	2,967.29	2,288.72	678.57	4.373		
18,700.00	6,840.00	18,548.17	6,840.00	343.78	341.68	-90.02	-1,147.10	-13,455.56	2,967.25	2,283.27	683.98	4.338		
18,800.00	6,840.00	18,648.17	6,840.00	346.47	344.38	-90.02	-1,146.62	-13,555.56	2,967.21	2,277.82	689.39	4.304		
18,900.00	6,840.00	18,748.17	6,840.00	349.17	347.08	-90.02	-1,146.14	-13,655.56	2,967.17	2,272.37	694.80	4.271		
19,000.00	6,840.00	18,848.17	6,840.00	351.86	349.79	-90.02	-1,145.67	-13,755.56	2,967.13	2,266.92	700.21	4.237		
19,100.00	6,840.00	18,948.17	6,840.00	354.56	352.49	-90.02	-1,145.19	-13,855.56	2,967.09	2,261.47	705.62	4.205		
19,200.00	6,840.00	19,048.17	6,840.00	357.26	355.19	-90.02	-1,144.71	-13,955.56	2,967.05	2,256.02	711.03	4.173		
19,300.00	6,840.00	19,148.17	6,840.00	359.95	357.90	-90.02	-1,144.24	-14,055.56	2,967.01	2,250.57	716.45	4.141		
19,400.00	6,840.00	19,248.17	6,840.00	362.65	360.60	-90.02	-1,143.76	-14,155.55	2,966.97	2,245.11	721.86	4.110		
19,500.00	6,840.00	19,348.17	6,840.00	365.35	363.30	-90.02	-1,143.28	-14,255.55	2,966.93	2,239.66	727.27	4.080		
19,600.00	6,840.00	19,448.17	6,840.00	368.05	366.01	-90.02	-1,142.80	-14,355.55	2,966.89	2,234.21	732.68	4.049		
19,700.00	6,840.00	19,548.17	6,840.00	370.74	368.71	-90.02	-1,142.33	-14,455.55	2,966.85	2,228.76	738.10	4.020		
19,800.00	6,840.00	19,648.17	6,840.00	373.44	371.42	-90.02	-1,141.85	-14,555.55	2,966.81	2,223.30	743.51	3.990		
19,900.00	6,840.00	19,748.17	6,840.00	376.14	374.12	-90.02	-1,141.37	-14,655.55	2,966.77	2,217.85	748.93	3.961		
20,000.00	6,840.00	19,848.17	6,840.00	378.84	376.83	-90.02	-1,140.89	-14,755.55	2,966.73	2,212.39	754.34	3.933		
20,100.00	6,840.00	19,948.17	6,840.00	381.54	379.53	-90.02	-1,140.42	-14,855.55	2,966.69	2,206.94	759.76	3.905		
20,200.00	6,840.00	20,048.17	6,840.00	384.24	382.24	-90.02	-1,139.94	-14,955.55	2,966.65	2,201.48	765.17	3.877		
20,300.00	6,840.00	20,148.17	6,840.00	386.94	384.95	-90.02	-1,139.46	-15,055.54	2,966.61	2,196.03	770.59	3.850		
20,400.00	6,840.00	20,248.17	6,840.00	389.64	387.65	-90.02	-1,138.98	-15,155.54	2,966.57	2,190.57	776.00	3.823		
20,500.00	6,840.00	20,348.17	6,840.00	392.34	390.36	-90.02	-1,138.51	-15,255.54	2,966.53	2,185.11	781.42	3.796		
20,598.64	6,840.00	20,446.81	6,840.00	395.01	393.03	-90.02	-1,138.04	-15,354.18	2,966.50	2,179.73	786.76	3.771		
20,600.00	6,840.00	20,442.82	6,840.00	395.04	392.92	-90.02	-1,138.06	-15,350.19	2,966.50	2,179.83	786.67	3.771		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	20,442.82	6,840.00	395.31	392.92	-90.02	-1,138.06	-15,350.19	2,966.53	2,179.64	786.89	3.770 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.93	-224.41	-0.28	224.41					
100.00	100.00	101.00	99.00	0.13	0.14	-179.93	-224.41	-0.28	224.41	224.14	0.27	823.713		
200.00	200.00	201.00	199.00	0.49	0.50	-179.93	-224.41	-0.28	224.41	223.42	0.99	226.820		
300.00	300.00	301.00	299.00	0.85	0.85	-179.93	-224.41	-0.28	224.41	222.71	1.71	131.517		
400.00	400.00	399.00	399.00	1.21	1.21	-179.93	-224.41	-0.28	224.41	222.00	2.42	92.882 CC, ES		
500.00	499.98	494.97	494.96	1.57	1.54	-130.62	-225.25	-1.61	226.43	223.32	3.11	72.895		
600.00	599.84	590.67	590.53	1.93	1.87	-130.47	-227.80	-5.64	232.51	228.71	3.80	61.242		
700.00	699.45	685.91	685.44	2.29	2.21	-130.23	-232.04	-12.32	242.63	238.13	4.50	53.897		
800.00	798.70	780.47	779.35	2.67	2.56	-129.92	-237.90	-21.59	256.76	251.53	5.22	49.142		
900.00	897.47	874.12	871.96	3.07	2.94	-129.54	-245.35	-33.35	274.85	268.88	5.97	46.037		
1,000.00	995.62	966.66	962.98	3.50	3.33	-129.10	-254.29	-47.48	296.84	290.09	6.74	44.026		
1,100.00	1,093.06	1,057.92	1,052.15	3.97	3.74	-128.63	-264.64	-63.83	322.65	315.11	7.55	42.760		
1,200.00	1,189.64	1,147.70	1,139.24	4.47	4.18	-128.13	-276.30	-82.26	352.22	343.83	8.38	42.007		
1,300.00	1,285.27	1,235.85	1,224.05	5.01	4.65	-127.60	-289.17	-102.58	385.43	376.17	9.26	41.621		
1,400.00	1,379.82	1,322.24	1,306.40	5.61	5.14	-127.04	-303.13	-124.63	422.18	412.00	10.18	41.480		
1,500.00	1,473.17	1,406.74	1,386.15	6.25	5.65	-126.46	-318.06	-148.21	462.37	451.23	11.14	41.516		
1,600.00	1,565.21	1,489.25	1,463.20	6.96	6.19	-125.84	-333.84	-173.15	505.88	493.73	12.14	41.660		
1,700.00	1,656.01	1,573.86	1,541.41	7.72	6.78	-125.62	-351.09	-200.40	552.22	538.99	13.23	41.742		
1,800.00	1,746.60	1,662.23	1,623.00	8.50	7.41	-125.82	-369.26	-229.10	598.99	584.60	14.39	41.638		
1,900.00	1,837.19	1,750.60	1,704.58	9.30	8.06	-125.99	-387.43	-257.81	645.76	630.20	15.56	41.493		
2,000.00	1,927.79	1,838.97	1,786.16	10.12	8.71	-126.14	-405.60	-286.51	692.54	675.78	16.76	41.326		
2,100.00	2,018.38	1,927.34	1,867.74	10.93	9.37	-126.27	-423.77	-315.21	739.32	721.36	17.97	41.151		
2,200.00	2,108.97	2,015.71	1,949.32	11.76	10.03	-126.39	-441.94	-343.91	786.11	766.92	19.19	40.974		
2,300.00	2,199.56	2,104.08	2,030.90	12.59	10.70	-126.49	-460.11	-372.62	832.89	812.48	20.41	40.801		
2,400.00	2,290.15	2,192.46	2,112.48	13.43	11.37	-126.58	-478.28	-401.32	879.68	858.03	21.65	40.632		
2,500.00	2,380.75	2,280.83	2,194.06	14.26	12.05	-126.66	-496.45	-430.02	926.47	903.58	22.89	40.470		
2,600.00	2,471.34	2,369.20	2,275.64	15.11	12.72	-126.74	-514.62	-458.72	973.26	949.12	24.14	40.316		
2,700.00	2,561.93	2,457.57	2,357.22	15.95	13.40	-126.81	-532.79	-487.43	1,020.06	994.66	25.39	40.171		
2,800.00	2,652.52	2,545.94	2,438.80	16.80	14.08	-126.87	-550.96	-516.13	1,066.85	1,040.20	26.65	40.033		
2,900.00	2,743.12	2,634.31	2,520.38	17.64	14.77	-126.92	-569.12	-544.83	1,113.64	1,085.73	27.91	39.902		
3,000.00	2,833.71	2,722.68	2,601.96	18.49	15.45	-126.98	-587.29	-573.53	1,160.44	1,131.27	29.17	39.779		
3,100.00	2,924.30	2,811.05	2,683.55	19.35	16.14	-127.02	-605.46	-602.24	1,207.23	1,176.80	30.44	39.663		
3,200.00	3,014.89	2,899.42	2,765.13	20.20	16.82	-127.07	-623.63	-630.94	1,254.03	1,222.33	31.70	39.553		
3,300.00	3,105.48	2,987.79	2,846.71	21.05	17.51	-127.11	-641.80	-659.64	1,300.83	1,267.85	32.97	39.449		
3,400.00	3,196.08	3,076.16	2,928.29	21.91	18.20	-127.15	-659.97	-688.35	1,347.62	1,313.38	34.25	39.351		
3,500.00	3,286.67	3,164.53	3,009.87	22.76	18.89	-127.18	-678.14	-717.05	1,394.42	1,358.90	35.52	39.258		
3,600.00	3,377.26	3,252.90	3,091.45	23.62	19.58	-127.22	-696.31	-745.75	1,441.22	1,404.43	36.79	39.169		
3,700.00	3,467.85	3,341.27	3,173.03	24.47	20.27	-127.25	-714.48	-774.45	1,488.02	1,449.95	38.07	39.086		
3,800.00	3,558.45	3,429.65	3,254.61	25.33	20.96	-127.28	-732.65	-803.16	1,534.82	1,495.47	39.35	39.006		
3,900.00	3,649.04	3,518.02	3,336.19	26.19	21.65	-127.31	-750.82	-831.86	1,581.62	1,540.99	40.63	38.931		
4,000.00	3,739.63	3,606.39	3,417.77	27.05	22.34	-127.33	-768.99	-860.56	1,628.42	1,586.51	41.91	38.859		
4,100.00	3,830.22	3,694.76	3,499.35	27.90	23.03	-127.36	-787.16	-889.26	1,675.22	1,632.03	43.19	38.791		
4,200.00	3,920.81	3,783.13	3,580.93	28.76	23.73	-127.38	-805.33	-917.97	1,722.02	1,677.55	44.47	38.725		
4,300.00	4,011.41	3,871.50	3,662.51	29.62	24.42	-127.40	-823.50	-946.67	1,768.82	1,723.07	45.75	38.663		
4,400.00	4,102.00	3,959.87	3,744.09	30.48	25.11	-127.42	-841.67	-975.37	1,815.62	1,768.59	47.03	38.604		
4,500.00	4,192.59	4,048.24	3,825.68	31.34	25.80	-127.44	-859.83	-1,004.07	1,862.42	1,814.10	48.32	38.547		
4,600.00	4,283.18	4,136.61	3,907.26	32.20	26.50	-127.46	-878.00	-1,032.78	1,909.22	1,859.62	49.60	38.492		
4,700.00	4,373.78	4,224.98	3,988.84	33.06	27.19	-127.48	-896.17	-1,061.48	1,956.02	1,905.14	50.88	38.440		
4,800.00	4,464.37	4,313.35	4,070.42	33.92	27.89	-127.50	-914.34	-1,090.18	2,002.82	1,950.65	52.17	38.390		
4,900.00	4,554.96	4,401.72	4,152.00	34.78	28.58	-127.51	-932.51	-1,118.89	2,049.62	1,996.17	53.46	38.342		
5,000.00	4,645.55	4,509.91	4,233.58	35.64	29.43	-127.53	-950.68	-1,147.59	2,096.42	2,041.54	54.88	38.198		
5,100.00	4,736.14	4,578.46	4,315.16	36.51	29.97	-127.54	-968.85	-1,176.29	2,143.23	2,087.20	56.03	38.252		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,666.84	4,396.74	37.37	30.66	-127.56	-987.02	-1,204.99	2,190.03	2,132.71	57.32	38.209		
5,300.00	4,917.33	4,755.21	4,478.32	38.23	31.36	-127.57	-1,005.19	-1,233.70	2,236.83	2,178.22	58.60	38.168		
5,400.00	5,007.92	4,843.58	4,559.90	39.09	32.05	-127.58	-1,023.36	-1,262.40	2,283.63	2,223.74	59.89	38.129		
5,500.00	5,098.51	4,931.95	4,641.48	39.95	32.75	-127.60	-1,041.53	-1,291.10	2,330.43	2,269.25	61.18	38.091		
5,600.00	5,189.11	5,020.32	4,723.06	40.81	33.44	-127.61	-1,059.70	-1,319.80	2,377.23	2,314.76	62.47	38.054		
5,700.00	5,279.70	5,108.69	4,804.64	41.68	34.14	-127.62	-1,077.87	-1,348.51	2,424.04	2,360.28	63.76	38.018		
5,800.00	5,370.29	5,202.94	4,886.22	42.54	34.88	-127.63	-1,096.04	-1,377.21	2,470.84	2,405.75	65.09	37.960		
5,900.00	5,460.88	5,285.43	4,967.81	43.40	35.53	-127.64	-1,114.21	-1,405.91	2,517.64	2,451.30	66.34	37.951		
6,000.00	5,551.47	5,373.80	5,049.39	44.26	36.22	-127.65	-1,132.38	-1,434.62	2,564.44	2,496.81	67.63	37.919		
6,100.00	5,642.07	5,462.17	5,130.97	45.13	36.92	-127.66	-1,150.54	-1,463.32	2,611.25	2,542.32	68.92	37.888		
6,200.00	5,732.66	5,550.54	5,212.55	45.99	37.62	-127.67	-1,168.71	-1,492.02	2,658.05	2,587.84	70.21	37.858		
6,300.00	5,823.25	5,638.91	5,294.13	46.85	38.31	-127.68	-1,186.88	-1,520.72	2,704.85	2,633.35	71.50	37.829		
6,400.00	5,913.84	5,727.28	5,375.71	47.72	39.01	-127.69	-1,205.05	-1,549.43	2,751.65	2,678.86	72.79	37.800		
6,500.00	6,004.44	5,815.65	5,457.29	48.58	39.70	-127.70	-1,223.22	-1,578.13	2,798.46	2,724.37	74.09	37.773		
6,600.00	6,095.03	5,904.03	5,538.87	49.44	40.40	-127.71	-1,241.39	-1,606.83	2,845.26	2,769.88	75.38	37.746		
6,700.00	6,185.62	6,007.60	5,620.45	50.30	41.22	-127.72	-1,259.56	-1,635.53	2,892.06	2,815.28	76.78	37.667		
6,800.00	6,276.21	6,080.77	5,702.03	51.17	41.79	-127.72	-1,277.73	-1,664.24	2,938.86	2,860.90	77.96	37.695		
6,900.00	6,366.80	6,169.14	5,783.61	52.03	42.49	-127.73	-1,295.90	-1,692.94	2,985.67	2,906.41	79.26	37.671		
7,000.00	6,457.40	6,257.51	5,865.19	52.89	43.18	-127.74	-1,314.07	-1,721.64	3,032.47	2,951.92	80.55	37.647		
7,100.00	6,545.60	6,345.85	5,946.75	53.85	43.88	-113.32	-1,332.23	-1,750.34	3,078.54	2,996.60	81.94	37.572		
7,200.00	6,626.13	6,432.56	6,026.79	55.05	44.56	-102.27	-1,350.06	-1,778.50	3,122.04	3,038.49	83.55	37.368		
7,300.00	6,696.49	6,514.98	6,102.89	56.46	45.21	-94.68	-1,367.01	-1,805.27	3,162.02	3,076.66	85.35	37.047		
7,400.00	6,754.56	6,609.37	6,172.72	58.05	45.96	-89.33	-1,382.56	-1,829.84	3,197.82	3,110.40	87.43	36.578		
7,500.00	6,798.57	6,657.21	6,234.18	59.78	46.33	-85.56	-1,396.25	-1,851.46	3,229.08	3,139.78	89.30	36.161		
7,600.00	6,827.18	6,712.69	6,285.40	61.58	46.77	-82.95	-1,407.66	-1,869.48	3,255.59	3,164.30	91.29	35.663		
7,700.00	6,839.51	6,755.38	6,324.81	63.39	47.11	-81.26	-1,416.43	-1,883.35	3,277.28	3,184.10	93.18	35.172		
7,800.00	6,840.00	6,788.18	6,355.09	65.19	47.37	-81.38	-1,423.18	-1,894.00	3,296.26	3,201.32	94.95	34.717		
7,900.00	6,840.00	6,801.81	6,340.00	67.04	62.36	-90.02	-1,528.35	-2,657.26	3,301.25	3,183.84	117.41	28.117		
8,000.00	6,840.00	6,801.81	6,340.00	68.95	64.34	-90.02	-1,527.87	-2,757.26	3,301.21	3,179.47	121.74	27.117		
8,100.00	6,840.00	6,801.81	6,340.00	70.91	66.37	-90.02	-1,527.39	-2,857.26	3,301.17	3,175.02	126.15	26.168		
8,200.00	6,840.00	6,801.81	6,340.00	72.91	68.45	-90.02	-1,526.91	-2,957.26	3,301.13	3,170.49	130.64	25.268		
8,300.00	6,840.00	6,801.81	6,340.00	74.96	70.57	-90.02	-1,526.44	-3,057.26	3,301.09	3,165.89	135.20	24.416		
8,400.00	6,840.00	6,801.81	6,340.00	77.05	72.73	-90.02	-1,525.96	-3,157.26	3,301.05	3,161.23	139.83	23.608		
8,500.00	6,840.00	6,801.81	6,340.00	79.18	74.93	-90.02	-1,525.48	-3,257.25	3,301.01	3,156.51	144.51	22.843		
8,600.00	6,840.00	6,801.81	6,340.00	81.34	77.16	-90.02	-1,525.00	-3,357.25	3,300.97	3,151.74	149.24	22.119		
8,700.00	6,840.00	6,801.81	6,340.00	83.54	79.42	-90.02	-1,524.53	-3,457.25	3,300.94	3,146.92	154.02	21.432		
8,800.00	6,840.00	6,801.81	6,340.00	85.76	81.71	-90.02	-1,524.05	-3,557.25	3,300.90	3,142.06	158.84	20.782		
8,900.00	6,840.00	6,801.81	6,340.00	88.02	84.03	-90.02	-1,523.57	-3,657.25	3,300.86	3,137.16	163.70	20.165		
9,000.00	6,840.00	6,801.81	6,340.00	90.30	86.38	-90.02	-1,523.09	-3,757.25	3,300.82	3,132.22	168.59	19.579		
9,100.00	6,840.00	6,801.81	6,340.00	92.60	88.74	-90.02	-1,522.62	-3,857.25	3,300.78	3,127.26	173.52	19.023		
9,200.00	6,840.00	6,801.81	6,340.00	94.93	91.12	-90.02	-1,522.14	-3,957.25	3,300.74	3,122.26	178.48	18.494		
9,300.00	6,840.00	6,801.81	6,340.00	97.28	93.53	-90.02	-1,521.66	-4,057.24	3,300.70	3,117.24	183.46	17.991		
9,400.00	6,840.00	6,801.81	6,340.00	99.65	95.95	-90.02	-1,521.18	-4,157.24	3,300.66	3,112.19	188.47	17.513		
9,500.00	6,840.00	6,801.81	6,340.00	102.03	98.39	-90.02	-1,520.71	-4,257.24	3,300.62	3,107.11	193.50	17.057		
9,600.00	6,840.00	6,801.81	6,340.00	104.43	100.84	-90.02	-1,520.23	-4,357.24	3,300.58	3,102.02	198.56	16.623		
9,700.00	6,840.00	6,801.81	6,340.00	106.85	103.31	-90.02	-1,519.75	-4,457.24	3,300.54	3,096.90	203.63	16.208		
9,800.00	6,840.00	6,801.81	6,340.00	109.29	105.79	-90.02	-1,519.27	-4,557.24	3,300.50	3,091.77	208.72	15.813		
9,900.00	6,840.00	6,801.81	6,340.00	111.73	108.28	-90.02	-1,518.80	-4,657.24	3,300.46	3,086.62	213.83	15.435		
10,000.00	6,840.00	6,801.81	6,340.00	114.19	110.78	-90.02	-1,518.32	-4,757.24	3,300.42	3,081.46	218.96	15.073		
10,100.00	6,840.00	6,801.81	6,340.00	116.66	113.29	-90.02	-1,517.84	-4,857.24	3,300.38	3,076.28	224.10	14.727		
10,200.00	6,840.00	6,801.81	6,340.00	119.15	115.82	-90.02	-1,517.37	-4,957.23	3,300.34	3,071.08	229.25	14.396		
10,300.00	6,840.00	6,801.81	6,340.00	121.64	118.35	-90.02	-1,516.89	-5,057.23	3,300.30	3,065.88	234.42	14.078		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,301.81	6,840.00	124.14	120.89	-90.02	-1,516.41	-5,157.23	3,300.26	3,060.66	239.60	13.774		
10,500.00	6,840.00	10,401.81	6,840.00	126.65	123.44	-90.02	-1,515.93	-5,257.23	3,300.22	3,055.43	244.79	13.482		
10,600.00	6,840.00	10,498.19	6,840.00	129.18	125.90	-90.02	-1,515.46	-5,357.23	3,300.18	3,050.28	249.90	13.206		
10,700.00	6,840.00	10,598.19	6,840.00	131.70	128.46	-90.02	-1,514.98	-5,457.23	3,300.14	3,045.03	255.11	12.936		
10,800.00	6,840.00	10,701.81	6,840.00	134.24	131.12	-90.02	-1,514.50	-5,557.23	3,300.10	3,039.67	260.42	12.672		
10,900.00	6,840.00	10,801.81	6,840.00	136.79	133.70	-90.02	-1,514.02	-5,657.23	3,300.06	3,034.40	265.65	12.422		
11,000.00	6,840.00	10,901.81	6,840.00	139.34	136.28	-90.02	-1,513.55	-5,757.23	3,300.02	3,029.13	270.89	12.182		
11,100.00	6,840.00	11,001.81	6,840.00	141.90	138.87	-90.02	-1,513.07	-5,857.22	3,299.98	3,023.84	276.14	11.951		
11,200.00	6,840.00	11,101.81	6,840.00	144.46	141.46	-90.02	-1,512.59	-5,957.22	3,299.94	3,018.55	281.39	11.727		
11,300.00	6,840.00	11,201.81	6,840.00	147.03	144.05	-90.02	-1,512.11	-6,057.22	3,299.90	3,013.25	286.65	11.512		
11,400.00	6,840.00	11,301.81	6,840.00	149.60	146.66	-90.02	-1,511.64	-6,157.22	3,299.86	3,007.94	291.91	11.304		
11,500.00	6,840.00	11,401.81	6,840.00	152.18	149.26	-90.02	-1,511.16	-6,257.22	3,299.82	3,002.63	297.19	11.104		
11,600.00	6,840.00	11,501.81	6,840.00	154.77	151.87	-90.02	-1,510.68	-6,357.22	3,299.78	2,997.31	302.46	10.910		
11,700.00	6,840.00	11,598.19	6,840.00	157.36	154.39	-90.02	-1,510.20	-6,457.22	3,299.74	2,992.08	307.65	10.726		
11,800.00	6,840.00	11,701.81	6,840.00	159.95	157.10	-90.02	-1,509.73	-6,557.22	3,299.70	2,986.66	313.04	10.541		
11,900.00	6,840.00	11,801.81	6,840.00	162.55	159.72	-90.02	-1,509.25	-6,657.21	3,299.66	2,981.33	318.33	10.365		
12,000.00	6,840.00	11,901.81	6,840.00	165.16	162.35	-90.02	-1,508.77	-6,757.21	3,299.62	2,975.99	323.63	10.196		
12,100.00	6,840.00	12,001.81	6,840.00	167.76	164.98	-90.02	-1,508.29	-6,857.21	3,299.58	2,970.64	328.94	10.031		
12,200.00	6,840.00	12,101.81	6,840.00	170.37	167.61	-90.02	-1,507.82	-6,957.21	3,299.54	2,965.29	334.24	9.872		
12,300.00	6,840.00	12,201.81	6,840.00	172.99	170.24	-90.02	-1,507.34	-7,057.21	3,299.50	2,959.94	339.56	9.717		
12,400.00	6,840.00	12,301.81	6,840.00	175.60	172.88	-90.02	-1,506.86	-7,157.21	3,299.46	2,954.59	344.87	9.567		
12,500.00	6,840.00	12,401.81	6,840.00	178.23	175.51	-90.02	-1,506.39	-7,257.21	3,299.42	2,949.23	350.19	9.422		
12,600.00	6,840.00	12,501.81	6,840.00	180.85	178.16	-90.02	-1,505.91	-7,357.21	3,299.38	2,943.86	355.52	9.281		
12,700.00	6,840.00	12,601.81	6,840.00	183.47	180.80	-90.02	-1,505.43	-7,457.21	3,299.34	2,938.49	360.84	9.143		
12,800.00	6,840.00	12,701.81	6,840.00	186.10	183.45	-90.02	-1,504.95	-7,557.20	3,299.30	2,933.12	366.17	9.010		
12,900.00	6,840.00	12,801.81	6,840.00	188.74	186.09	-90.02	-1,504.48	-7,657.20	3,299.26	2,927.75	371.51	8.881		
13,000.00	6,840.00	12,901.81	6,840.00	191.37	188.74	-90.02	-1,504.00	-7,757.20	3,299.22	2,922.37	376.84	8.755		
13,100.00	6,840.00	13,001.81	6,840.00	194.01	191.40	-90.02	-1,503.52	-7,857.20	3,299.18	2,916.99	382.18	8.632		
13,200.00	6,840.00	13,101.81	6,840.00	196.65	194.05	-90.02	-1,503.04	-7,957.20	3,299.14	2,911.61	387.53	8.513		
13,300.00	6,840.00	13,201.81	6,840.00	199.29	196.71	-90.02	-1,502.57	-8,057.20	3,299.10	2,906.23	392.87	8.397		
13,400.00	6,840.00	13,301.81	6,840.00	201.93	199.37	-90.02	-1,502.09	-8,157.20	3,299.06	2,900.84	398.22	8.285		
13,500.00	6,840.00	13,401.81	6,840.00	204.58	202.02	-90.02	-1,501.61	-8,257.20	3,299.02	2,895.45	403.57	8.175		
13,600.00	6,840.00	13,501.81	6,840.00	207.22	204.69	-90.02	-1,501.13	-8,357.20	3,298.98	2,890.06	408.92	8.068		
13,700.00	6,840.00	13,601.81	6,840.00	209.87	207.35	-90.02	-1,500.66	-8,457.19	3,298.94	2,884.66	414.28	7.963		
13,800.00	6,840.00	13,701.81	6,840.00	212.52	210.01	-90.02	-1,500.18	-8,557.19	3,298.90	2,879.27	419.63	7.861		
13,900.00	6,840.00	13,801.81	6,840.00	215.18	212.68	-90.02	-1,499.70	-8,657.19	3,298.86	2,873.87	424.99	7.762		
14,000.00	6,840.00	13,901.81	6,840.00	217.83	215.35	-90.02	-1,499.22	-8,757.19	3,298.82	2,868.47	430.35	7.665		
14,100.00	6,840.00	14,001.81	6,840.00	220.49	218.01	-90.02	-1,498.75	-8,857.19	3,298.78	2,863.06	435.72	7.571		
14,200.00	6,840.00	14,101.81	6,840.00	223.15	220.68	-90.02	-1,498.27	-8,957.19	3,298.74	2,857.66	441.08	7.479		
14,300.00	6,840.00	14,201.81	6,840.00	225.81	223.36	-90.02	-1,497.79	-9,057.19	3,298.70	2,852.25	446.45	7.389		
14,400.00	6,840.00	14,301.81	6,840.00	228.47	226.03	-90.02	-1,497.31	-9,157.19	3,298.66	2,846.84	451.82	7.301		
14,500.00	6,840.00	14,401.81	6,840.00	231.13	228.70	-90.02	-1,496.84	-9,257.19	3,298.62	2,841.43	457.19	7.215		
14,600.00	6,840.00	14,501.81	6,840.00	233.79	231.38	-90.02	-1,496.36	-9,357.18	3,298.58	2,836.02	462.56	7.131		
14,700.00	6,840.00	14,601.81	6,840.00	236.46	234.05	-90.02	-1,495.88	-9,457.18	3,298.54	2,830.61	467.93	7.049		
14,800.00	6,840.00	14,701.81	6,840.00	239.12	236.73	-90.02	-1,495.41	-9,557.18	3,298.50	2,825.19	473.31	6.969		
14,900.00	6,840.00	14,801.81	6,840.00	241.79	239.40	-90.02	-1,494.93	-9,657.18	3,298.46	2,819.78	478.68	6.891		
15,000.00	6,840.00	14,901.81	6,840.00	244.46	242.08	-90.02	-1,494.45	-9,757.18	3,298.42	2,814.36	484.06	6.814		
15,100.00	6,840.00	15,001.81	6,840.00	247.13	244.76	-90.02	-1,493.97	-9,857.18	3,298.38	2,808.94	489.44	6.739		
15,200.00	6,840.00	15,101.81	6,840.00	249.80	247.44	-90.02	-1,493.50	-9,957.18	3,298.34	2,803.52	494.82	6.666		
15,300.00	6,840.00	15,201.81	6,840.00	252.47	250.12	-90.02	-1,493.02	-10,057.18	3,298.30	2,798.10	500.20	6.594		
15,400.00	6,840.00	15,301.81	6,840.00	255.15	252.81	-90.02	-1,492.54	-10,157.17	3,298.26	2,792.68	505.58	6.524		
15,500.00	6,840.00	15,401.81	6,840.00	257.82	255.49	-90.02	-1,492.06	-10,257.17	3,298.22	2,787.25	510.97	6.455		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,501.81	6,840.00	260.50	258.17	-90.02	-1,491.59	-10,357.17	3,298.18	2,781.83	516.35	6.387		
15,700.00	6,840.00	15,601.81	6,840.00	263.17	260.86	-90.02	-1,491.11	-10,457.17	3,298.14	2,776.40	521.74	6.321		
15,800.00	6,840.00	15,701.81	6,840.00	265.85	263.54	-90.02	-1,490.63	-10,557.17	3,298.10	2,770.97	527.13	6.257		
15,900.00	6,840.00	15,801.81	6,840.00	268.53	266.23	-90.02	-1,490.15	-10,657.17	3,298.06	2,765.55	532.52	6.193		
16,000.00	6,840.00	15,901.81	6,840.00	271.20	268.92	-90.02	-1,489.68	-10,757.17	3,298.02	2,760.12	537.90	6.131		
16,100.00	6,840.00	16,001.81	6,840.00	273.88	271.60	-90.02	-1,489.20	-10,857.17	3,297.98	2,754.69	543.30	6.070		
16,200.00	6,840.00	16,101.81	6,840.00	276.56	274.29	-90.02	-1,488.72	-10,957.17	3,297.94	2,749.25	548.69	6.011		
16,300.00	6,840.00	16,201.81	6,840.00	279.25	276.98	-90.02	-1,488.24	-11,057.16	3,297.90	2,743.82	554.08	5.952		
16,400.00	6,840.00	16,301.81	6,840.00	281.93	279.67	-90.02	-1,487.77	-11,157.16	3,297.86	2,738.39	559.47	5.895		
16,500.00	6,840.00	16,401.81	6,840.00	284.61	282.36	-90.02	-1,487.29	-11,257.16	3,297.82	2,732.96	564.87	5.838		
16,600.00	6,840.00	16,501.81	6,840.00	287.29	285.05	-90.02	-1,486.81	-11,357.16	3,297.78	2,727.52	570.26	5.783		
16,700.00	6,840.00	16,601.81	6,840.00	289.98	287.74	-90.02	-1,486.34	-11,457.16	3,297.74	2,722.08	575.66	5.729		
16,800.00	6,840.00	16,701.81	6,840.00	292.66	290.43	-90.02	-1,485.86	-11,557.16	3,297.70	2,716.65	581.05	5.675		
16,900.00	6,840.00	16,801.81	6,840.00	295.35	293.12	-90.02	-1,485.38	-11,657.16	3,297.66	2,711.21	586.45	5.623		
17,000.00	6,840.00	16,901.81	6,840.00	298.03	295.82	-90.02	-1,484.90	-11,757.16	3,297.62	2,705.77	591.85	5.572		
17,100.00	6,840.00	17,001.81	6,840.00	300.72	298.51	-90.02	-1,484.43	-11,857.16	3,297.58	2,700.33	597.25	5.521		
17,200.00	6,840.00	17,101.81	6,840.00	303.41	301.20	-90.02	-1,483.95	-11,957.15	3,297.54	2,694.89	602.65	5.472		
17,300.00	6,840.00	17,201.81	6,840.00	306.09	303.90	-90.02	-1,483.47	-12,057.15	3,297.50	2,689.45	608.05	5.423		
17,400.00	6,840.00	17,301.81	6,840.00	308.78	306.59	-90.02	-1,482.99	-12,157.15	3,297.46	2,684.01	613.45	5.375		
17,500.00	6,840.00	17,401.81	6,840.00	311.47	309.29	-90.02	-1,482.52	-12,257.15	3,297.42	2,678.57	618.85	5.328		
17,600.00	6,840.00	17,501.81	6,840.00	314.16	311.98	-90.02	-1,482.04	-12,357.15	3,297.38	2,673.13	624.26	5.282		
17,700.00	6,840.00	17,601.81	6,840.00	316.85	314.68	-90.02	-1,481.56	-12,457.15	3,297.34	2,667.68	629.66	5.237		
17,800.00	6,840.00	17,701.81	6,840.00	319.54	317.37	-90.02	-1,481.08	-12,557.15	3,297.30	2,662.24	635.06	5.192		
17,900.00	6,840.00	17,801.81	6,840.00	322.23	320.07	-90.02	-1,480.61	-12,657.15	3,297.26	2,656.80	640.47	5.148		
18,000.00	6,840.00	17,901.81	6,840.00	324.92	322.77	-90.02	-1,480.13	-12,757.15	3,297.22	2,651.35	645.87	5.105		
18,100.00	6,840.00	18,001.81	6,840.00	327.62	325.46	-90.02	-1,479.65	-12,857.14	3,297.18	2,645.91	651.28	5.063		
18,200.00	6,840.00	18,101.81	6,840.00	330.31	328.16	-90.02	-1,479.17	-12,957.14	3,297.14	2,640.46	656.68	5.021		
18,300.00	6,840.00	18,201.81	6,840.00	333.00	330.86	-90.02	-1,478.70	-13,057.14	3,297.10	2,635.01	662.09	4.980		
18,400.00	6,840.00	18,301.81	6,840.00	335.70	333.56	-90.02	-1,478.22	-13,157.14	3,297.06	2,629.57	667.50	4.939		
18,500.00	6,840.00	18,401.81	6,840.00	338.39	336.26	-90.02	-1,477.74	-13,257.14	3,297.02	2,624.12	672.91	4.900		
18,600.00	6,840.00	18,501.81	6,840.00	341.08	338.96	-90.02	-1,477.26	-13,357.14	3,296.98	2,618.67	678.31	4.861		
18,700.00	6,840.00	18,598.19	6,840.00	343.78	341.56	-90.02	-1,476.79	-13,457.14	3,296.94	2,613.32	683.62	4.823		
18,800.00	6,840.00	18,701.81	6,840.00	346.47	344.36	-90.02	-1,476.31	-13,557.14	3,296.90	2,607.77	689.13	4.784		
18,900.00	6,840.00	18,801.81	6,840.00	349.17	347.06	-90.02	-1,475.83	-13,657.13	3,296.86	2,602.32	694.54	4.747		
19,000.00	6,840.00	18,901.81	6,840.00	351.86	349.76	-90.02	-1,475.36	-13,757.13	3,296.82	2,596.87	699.95	4.710		
19,100.00	6,840.00	19,001.81	6,840.00	354.56	352.46	-90.02	-1,474.88	-13,857.13	3,296.78	2,591.42	705.36	4.674		
19,200.00	6,840.00	19,101.81	6,840.00	357.26	355.16	-90.02	-1,474.40	-13,957.13	3,296.74	2,585.97	710.77	4.638		
19,300.00	6,840.00	19,201.81	6,840.00	359.95	357.86	-90.02	-1,473.92	-14,057.13	3,296.70	2,580.52	716.18	4.603		
19,400.00	6,840.00	19,301.81	6,840.00	362.65	360.56	-90.02	-1,473.45	-14,157.13	3,296.66	2,575.07	721.60	4.569		
19,500.00	6,840.00	19,401.81	6,840.00	365.35	363.26	-90.02	-1,472.97	-14,257.13	3,296.62	2,569.62	727.01	4.535		
19,600.00	6,840.00	19,501.81	6,840.00	368.05	365.97	-90.02	-1,472.49	-14,357.13	3,296.58	2,564.16	732.42	4.501		
19,700.00	6,840.00	19,601.81	6,840.00	370.74	368.67	-90.02	-1,472.01	-14,457.13	3,296.54	2,558.71	737.83	4.468		
19,800.00	6,840.00	19,701.81	6,840.00	373.44	371.37	-90.02	-1,471.54	-14,557.12	3,296.50	2,553.26	743.25	4.435		
19,900.00	6,840.00	19,801.81	6,840.00	376.14	374.07	-90.02	-1,471.06	-14,657.12	3,296.46	2,547.80	748.66	4.403		
20,000.00	6,840.00	19,901.81	6,840.00	378.84	376.78	-90.02	-1,470.58	-14,757.12	3,296.42	2,542.35	754.08	4.371		
20,100.00	6,840.00	20,001.81	6,840.00	381.54	379.48	-90.02	-1,470.10	-14,857.12	3,296.38	2,536.89	759.49	4.340		
20,200.00	6,840.00	20,101.81	6,840.00	384.24	382.18	-90.02	-1,469.63	-14,957.12	3,296.35	2,531.44	764.91	4.309		
20,300.00	6,840.00	20,201.81	6,840.00	386.94	384.89	-90.02	-1,469.15	-15,057.12	3,296.31	2,525.98	770.32	4.279		
20,400.00	6,840.00	20,301.81	6,840.00	389.64	387.59	-90.02	-1,468.67	-15,157.12	3,296.27	2,520.53	775.74	4.249		
20,500.00	6,840.00	20,398.19	6,840.00	392.34	390.20	-90.02	-1,468.19	-15,257.12	3,296.23	2,515.17	781.06	4.220		
20,600.00	6,840.00	20,498.19	6,840.00	395.04	392.90	-90.02	-1,467.72	-15,357.12	3,296.19	2,509.71	786.47	4.191		
20,601.75	6,840.00	20,499.94	6,840.00	395.09	392.95	-90.02	-1,467.71	-15,358.87	3,296.18	2,509.62	786.57	4.191	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	20,491.19	6,840.00	395.31	392.71	-90.02	-1,467.75	-15,350.11	3,296.22	2,509.73	786.50	4.191	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-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	299.00	299.00	0.85	0.85	-179.94	-247.36	-0.28	247.36	245.66	1.70	145.580 CC, ES		
400.00	400.00	393.96	393.94	1.21	1.18	-179.66	-248.31	-1.49	248.37	245.98	2.39	104.028		
500.00	499.98	488.66	488.52	1.57	1.51	-129.78	-251.19	-5.17	252.57	249.50	3.07	82.184		
600.00	599.84	582.92	582.46	1.93	1.84	-129.16	-255.97	-11.27	261.10	257.33	3.77	69.239		
700.00	699.45	676.49	675.41	2.29	2.20	-128.54	-262.59	-19.73	273.91	269.43	4.48	61.101		
800.00	798.70	769.13	767.03	2.67	2.57	-127.95	-270.99	-30.46	290.95	285.74	5.21	55.827		
900.00	897.47	860.61	857.04	3.07	2.97	-127.38	-281.06	-43.34	312.14	306.18	5.96	52.367		
1,000.00	995.62	950.72	945.14	3.50	3.38	-126.84	-292.72	-58.22	337.40	330.66	6.73	50.105		
1,100.00	1,093.06	1,039.26	1,031.09	3.97	3.82	-126.33	-305.83	-74.97	366.62	359.08	7.54	48.645		
1,200.00	1,189.64	1,126.07	1,114.67	4.47	4.28	-125.82	-320.26	-93.42	399.71	391.34	8.36	47.788		
1,300.00	1,285.27	1,210.98	1,195.71	5.01	4.77	-125.32	-335.89	-113.38	436.53	427.30	9.23	47.301		
1,400.00	1,379.82	1,293.86	1,274.05	5.61	5.28	-124.81	-352.56	-134.68	476.98	466.85	10.13	47.092		
1,500.00	1,473.17	1,374.61	1,349.58	6.25	5.81	-124.28	-370.14	-157.14	520.91	509.84	11.07	47.064		
1,600.00	1,565.21	1,453.11	1,422.23	6.96	6.36	-123.72	-388.48	-180.57	568.19	556.15	12.04	47.185		
1,700.00	1,656.01	1,534.80	1,497.06	7.72	6.96	-123.62	-408.67	-206.36	618.31	605.21	13.10	47.190		
1,800.00	1,746.60	1,621.00	1,575.93	8.50	7.61	-124.00	-430.11	-233.75	668.85	654.61	14.24	46.976		
1,900.00	1,837.19	1,707.21	1,654.81	9.30	8.27	-124.32	-451.56	-261.15	719.41	704.02	15.39	46.735		
2,000.00	1,927.79	1,806.58	1,733.69	10.12	9.04	-124.61	-473.00	-288.55	769.99	753.33	16.65	46.242		
2,100.00	2,018.38	1,879.63	1,812.56	10.93	9.61	-124.85	-494.45	-315.94	820.57	802.83	17.75	46.234		
2,200.00	2,108.97	1,965.84	1,891.44	11.76	10.29	-125.07	-515.89	-343.34	871.17	852.23	18.94	45.992		
2,300.00	2,199.56	2,052.05	1,970.32	12.59	10.97	-125.27	-537.34	-370.74	921.78	901.64	20.14	45.761		
2,400.00	2,290.15	2,138.26	2,049.20	13.43	11.65	-125.44	-558.78	-398.14	972.39	951.04	21.35	45.542		
2,500.00	2,380.75	2,224.47	2,128.07	14.26	12.34	-125.60	-580.23	-425.53	1,023.01	1,000.45	22.57	45.335		
2,600.00	2,471.34	2,310.68	2,206.95	15.11	13.02	-125.74	-601.67	-452.93	1,073.64	1,049.85	23.78	45.140		
2,700.00	2,561.93	2,396.89	2,285.83	15.95	13.71	-125.87	-623.11	-480.33	1,124.27	1,099.26	25.01	44.956		
2,800.00	2,652.52	2,483.10	2,364.70	16.80	14.41	-125.99	-644.56	-507.72	1,174.90	1,148.66	26.23	44.784		
2,900.00	2,743.12	2,569.31	2,443.58	17.64	15.10	-126.10	-666.00	-535.12	1,225.54	1,198.07	27.46	44.622		
3,000.00	2,833.71	2,655.52	2,522.46	18.49	15.79	-126.20	-687.45	-562.52	1,276.18	1,247.48	28.70	44.470		
3,100.00	2,924.30	2,741.72	2,601.33	19.35	16.49	-126.30	-708.89	-589.91	1,326.82	1,296.89	29.93	44.327		
3,200.00	3,014.89	2,827.93	2,680.21	20.20	17.18	-126.38	-730.34	-617.31	1,377.46	1,346.29	31.17	44.192		
3,300.00	3,105.48	2,914.14	2,759.09	21.05	17.88	-126.46	-751.78	-644.71	1,428.11	1,395.70	32.41	44.066		
3,400.00	3,196.08	3,000.35	2,837.96	21.91	18.58	-126.53	-773.23	-672.11	1,478.76	1,445.11	33.65	43.946		
3,500.00	3,286.67	3,086.56	2,916.84	22.76	19.27	-126.60	-794.67	-699.50	1,529.41	1,494.52	34.89	43.833		
3,600.00	3,377.26	3,172.77	2,995.72	23.62	19.97	-126.67	-816.12	-726.90	1,580.06	1,543.93	36.14	43.726		
3,700.00	3,467.85	3,258.98	3,074.60	24.47	20.67	-126.73	-837.56	-754.30	1,630.72	1,593.34	37.38	43.625		
3,800.00	3,558.45	3,345.19	3,153.47	25.33	21.37	-126.79	-859.01	-781.69	1,681.37	1,642.75	38.63	43.529		
3,900.00	3,649.04	3,431.40	3,232.35	26.19	22.07	-126.84	-880.45	-809.09	1,732.03	1,692.16	39.87	43.438		
4,000.00	3,739.63	3,517.61	3,311.23	27.05	22.77	-126.89	-901.90	-836.49	1,782.69	1,741.56	41.12	43.352		
4,100.00	3,830.22	3,603.82	3,390.10	27.90	23.47	-126.94	-923.34	-863.88	1,833.34	1,790.97	42.37	43.270		
4,200.00	3,920.81	3,709.97	3,468.98	28.76	24.33	-126.99	-944.79	-891.28	1,884.00	1,840.24	43.76	43.053		
4,300.00	4,011.41	3,776.24	3,547.86	29.62	24.87	-127.03	-966.23	-918.68	1,934.66	1,889.79	44.87	43.117		
4,400.00	4,102.00	3,862.45	3,626.73	30.48	25.57	-127.07	-987.68	-946.08	1,985.32	1,939.20	46.12	43.046		
4,500.00	4,192.59	3,948.65	3,705.61	31.34	26.27	-127.11	-1,009.12	-973.47	2,035.99	1,988.61	47.37	42.978		
4,600.00	4,283.18	4,034.86	3,784.49	32.20	26.97	-127.15	-1,030.56	-1,000.87	2,086.65	2,038.02	48.63	42.913		
4,700.00	4,373.78	4,121.07	3,863.36	33.06	27.68	-127.18	-1,052.01	-1,028.27	2,137.31	2,087.43	49.88	42.851		
4,800.00	4,464.37	4,207.28	3,942.24	33.92	28.38	-127.21	-1,073.45	-1,055.66	2,187.97	2,136.84	51.13	42.791		
4,900.00	4,554.96	4,306.51	4,021.12	34.78	29.19	-127.25	-1,094.90	-1,083.06	2,238.64	2,186.16	52.48	42.659		
5,000.00	4,645.55	4,379.70	4,099.99	35.64	29.78	-127.28	-1,116.34	-1,110.46	2,289.30	2,235.66	53.64	42.679		
5,100.00	4,736.14	4,465.91	4,178.87	36.51	30.48	-127.31	-1,137.79	-1,137.85	2,339.97	2,285.07	54.90	42.626		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,552.12	4,257.75	37.37	31.19	-127.33	-1,159.23	-1,165.25	2,390.63	2,334.48	56.15	42.575		
5,300.00	4,917.33	4,638.33	4,336.63	38.23	31.89	-127.36	-1,180.68	-1,192.65	2,441.30	2,383.89	57.41	42.527		
5,400.00	5,007.92	4,724.54	4,415.50	39.09	32.59	-127.39	-1,202.12	-1,220.05	2,491.96	2,433.30	58.66	42.479		
5,500.00	5,098.51	4,810.75	4,494.38	39.95	33.29	-127.41	-1,223.57	-1,247.44	2,542.63	2,482.71	59.92	42.434		
5,600.00	5,189.11	4,903.04	4,573.26	40.81	34.05	-127.44	-1,245.01	-1,274.84	2,593.30	2,532.08	61.22	42.361		
5,700.00	5,279.70	4,983.17	4,652.13	41.68	34.70	-127.46	-1,266.46	-1,302.24	2,643.96	2,581.53	62.43	42.348		
5,800.00	5,370.29	5,069.37	4,731.01	42.54	35.40	-127.48	-1,287.90	-1,329.63	2,694.63	2,630.94	63.69	42.307		
5,900.00	5,460.88	5,155.58	4,809.89	43.40	36.11	-127.50	-1,309.35	-1,357.03	2,745.30	2,680.35	64.95	42.268		
6,000.00	5,551.47	5,241.79	4,888.76	44.26	36.81	-127.52	-1,330.79	-1,384.43	2,795.97	2,729.76	66.21	42.230		
6,100.00	5,642.07	5,328.00	4,967.64	45.13	37.51	-127.54	-1,352.24	-1,411.82	2,846.63	2,779.17	67.47	42.193		
6,200.00	5,732.66	5,414.21	5,046.52	45.99	38.22	-127.56	-1,373.68	-1,439.22	2,897.30	2,828.58	68.73	42.157		
6,300.00	5,823.25	5,500.42	5,125.39	46.85	38.92	-127.58	-1,395.12	-1,466.62	2,947.97	2,877.99	69.99	42.122		
6,400.00	5,913.84	5,586.63	5,204.27	47.72	39.62	-127.60	-1,416.57	-1,494.02	2,998.64	2,927.40	71.25	42.089		
6,500.00	6,004.44	5,672.84	5,283.15	48.58	40.33	-127.61	-1,438.01	-1,521.41	3,049.31	2,976.80	72.51	42.056		
6,600.00	6,095.03	5,759.05	5,362.02	49.44	41.03	-127.63	-1,459.46	-1,548.81	3,099.98	3,026.21	73.77	42.025		
6,700.00	6,185.62	5,845.26	5,440.90	50.30	41.73	-127.65	-1,480.90	-1,576.21	3,150.65	3,075.62	75.03	41.994		
6,800.00	6,276.21	5,931.47	5,519.78	51.17	42.44	-127.66	-1,502.35	-1,603.60	3,201.32	3,125.03	76.29	41.964		
6,900.00	6,366.80	6,017.68	5,598.66	52.03	43.14	-127.68	-1,523.79	-1,631.00	3,251.99	3,174.44	77.55	41.935		
7,000.00	6,457.40	6,103.89	5,677.53	52.89	43.85	-127.69	-1,545.24	-1,658.40	3,302.66	3,223.85	78.81	41.907		
7,100.00	6,548.00	6,209.92	5,756.39	53.85	44.71	-112.77	-1,566.68	-1,685.79	3,352.59	3,272.28	80.31	41.746		
7,200.00	6,626.13	6,274.67	5,833.80	55.05	45.24	-101.20	-1,587.72	-1,712.67	3,399.87	3,318.11	81.76	41.582		
7,300.00	6,696.49	6,355.12	5,907.40	56.46	45.90	-93.14	-1,607.73	-1,738.24	3,443.40	3,359.84	83.56	41.209		
7,400.00	6,754.56	6,428.96	5,974.96	58.05	46.50	-87.40	-1,626.10	-1,761.71	3,482.38	3,396.87	85.51	40.726		
7,500.00	6,798.57	6,506.04	6,034.43	59.78	47.13	-83.31	-1,642.27	-1,782.36	3,516.28	3,428.65	87.63	40.127		
7,600.00	6,827.18	6,548.14	6,084.00	61.58	47.47	-80.48	-1,655.75	-1,799.58	3,544.77	3,455.19	89.58	39.571		
7,700.00	6,839.51	6,589.86	6,122.17	63.39	47.81	-78.65	-1,666.12	-1,812.84	3,567.64	3,476.10	91.54	38.975		
7,800.00	6,840.00	6,621.94	6,151.52	65.19	48.08	-78.71	-1,674.10	-1,823.03	3,587.12	3,493.73	93.39	38.409		
7,900.00	6,840.00	6,653.61	6,180.50	67.04	48.33	-79.20	-1,681.98	-1,833.10	3,608.76	3,513.51	95.25	37.888		
8,000.00	6,840.00	7,961.23	6,840.00	68.95	66.36	-90.02	-1,857.90	-2,759.14	3,631.25	3,509.53	121.72	29.833		
8,100.00	6,840.00	8,061.23	6,840.00	70.91	68.29	-90.02	-1,857.41	-2,859.14	3,631.20	3,505.09	126.11	28.794		
8,200.00	6,840.00	8,161.23	6,840.00	72.91	70.28	-90.02	-1,856.93	-2,959.14	3,631.15	3,500.57	130.58	27.808		
8,300.00	6,840.00	8,261.23	6,840.00	74.96	72.31	-90.02	-1,856.44	-3,059.14	3,631.10	3,495.98	135.12	26.873		
8,400.00	6,840.00	8,361.23	6,840.00	77.05	74.39	-90.02	-1,855.95	-3,159.14	3,631.06	3,491.33	139.73	25.987		
8,500.00	6,840.00	8,461.23	6,840.00	79.18	76.51	-90.02	-1,855.47	-3,259.14	3,631.01	3,486.62	144.39	25.147		
8,600.00	6,840.00	8,561.23	6,840.00	81.34	78.67	-90.02	-1,854.98	-3,359.14	3,630.96	3,481.85	149.11	24.351		
8,700.00	6,840.00	8,661.23	6,840.00	83.54	80.86	-90.02	-1,854.50	-3,459.14	3,630.91	3,477.04	153.87	23.597		
8,800.00	6,840.00	8,761.23	6,840.00	85.76	83.08	-90.02	-1,854.01	-3,559.14	3,630.86	3,472.18	158.68	22.882		
8,900.00	6,840.00	8,861.23	6,840.00	88.02	85.34	-90.02	-1,853.52	-3,659.13	3,630.81	3,467.29	163.53	22.203		
9,000.00	6,840.00	8,961.23	6,840.00	90.30	87.62	-90.02	-1,853.04	-3,759.13	3,630.77	3,462.36	168.41	21.559		
9,100.00	6,840.00	9,061.23	6,840.00	92.60	89.93	-90.02	-1,852.55	-3,859.13	3,630.72	3,457.39	173.33	20.947		
9,200.00	6,840.00	9,161.23	6,840.00	94.93	92.26	-90.02	-1,852.07	-3,959.13	3,630.67	3,452.40	178.27	20.366		
9,300.00	6,840.00	9,261.23	6,840.00	97.28	94.61	-90.02	-1,851.58	-4,059.13	3,630.62	3,447.37	183.25	19.813		
9,400.00	6,840.00	9,361.23	6,840.00	99.65	96.98	-90.02	-1,851.10	-4,159.13	3,630.57	3,442.32	188.25	19.286		
9,500.00	6,840.00	9,461.23	6,840.00	102.03	99.37	-90.02	-1,850.61	-4,259.13	3,630.52	3,437.25	193.27	18.785		
9,600.00	6,840.00	9,561.23	6,840.00	104.43	101.78	-90.02	-1,850.12	-4,359.13	3,630.47	3,432.16	198.32	18.306		
9,700.00	6,840.00	9,661.23	6,840.00	106.85	104.20	-90.02	-1,849.64	-4,459.12	3,630.43	3,427.04	203.38	17.850		
9,800.00	6,840.00	9,761.23	6,840.00	109.29	106.64	-90.02	-1,849.15	-4,559.12	3,630.38	3,421.91	208.47	17.414		
9,900.00	6,840.00	9,861.23	6,840.00	111.73	109.10	-90.02	-1,848.67	-4,659.12	3,630.33	3,416.76	213.57	16.998		
10,000.00	6,840.00	9,961.23	6,840.00	114.19	111.56	-90.02	-1,848.18	-4,759.12	3,630.28	3,411.59	218.69	16.600		
10,100.00	6,840.00	10,061.23	6,840.00	116.66	114.04	-90.02	-1,847.69	-4,859.12	3,630.23	3,406.41	223.83	16.219		
10,200.00	6,840.00	10,161.23	6,840.00	119.15	116.53	-90.02	-1,847.21	-4,959.12	3,630.18	3,401.21	228.97	15.854		
10,300.00	6,840.00	10,261.23	6,840.00	121.64	119.03	-90.02	-1,846.72	-5,059.12	3,630.14	3,396.00	234.14	15.504		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,361.23	6,840.00	124.14	121.54	-90.02	-1,846.24	-5,159.12	3,630.09	3,390.78	239.31	15.169		
10,500.00	6,840.00	10,461.23	6,840.00	126.65	124.06	-90.02	-1,845.75	-5,259.11	3,630.04	3,385.54	244.49	14.847		
10,600.00	6,840.00	10,561.23	6,840.00	129.18	126.59	-90.02	-1,845.26	-5,359.11	3,629.99	3,380.30	249.69	14.538		
10,700.00	6,840.00	10,661.23	6,840.00	131.70	129.12	-90.02	-1,844.78	-5,459.11	3,629.94	3,375.04	254.90	14.241		
10,800.00	6,840.00	10,761.23	6,840.00	134.24	131.67	-90.02	-1,844.29	-5,559.11	3,629.89	3,369.78	260.11	13.955		
10,900.00	6,840.00	10,861.23	6,840.00	136.79	134.22	-90.02	-1,843.81	-5,659.11	3,629.85	3,364.51	265.34	13.680		
11,000.00	6,840.00	10,961.23	6,840.00	139.34	136.78	-90.02	-1,843.32	-5,759.11	3,629.80	3,359.23	270.57	13.415		
11,100.00	6,840.00	11,061.23	6,840.00	141.90	139.34	-90.02	-1,842.83	-5,859.11	3,629.75	3,353.94	275.81	13.160		
11,200.00	6,840.00	11,161.23	6,840.00	144.46	141.91	-90.02	-1,842.35	-5,959.11	3,629.70	3,348.64	281.06	12.914		
11,300.00	6,840.00	11,261.23	6,840.00	147.03	144.49	-90.02	-1,841.86	-6,059.11	3,629.65	3,343.33	286.32	12.677		
11,400.00	6,840.00	11,361.23	6,840.00	149.60	147.07	-90.02	-1,841.38	-6,159.10	3,629.60	3,338.02	291.58	12.448		
11,500.00	6,840.00	11,461.23	6,840.00	152.18	149.66	-90.02	-1,840.89	-6,259.10	3,629.55	3,332.71	296.85	12.227		
11,600.00	6,840.00	11,561.23	6,840.00	154.77	152.25	-90.02	-1,840.40	-6,359.10	3,629.51	3,327.38	302.12	12.013		
11,700.00	6,840.00	11,661.23	6,840.00	157.36	154.84	-90.02	-1,839.92	-6,459.10	3,629.46	3,322.05	307.40	11.807		
11,800.00	6,840.00	11,761.23	6,840.00	159.95	157.44	-90.02	-1,839.43	-6,559.10	3,629.41	3,316.72	312.69	11.607		
11,900.00	6,840.00	11,861.23	6,840.00	162.55	160.05	-90.02	-1,838.95	-6,659.10	3,629.36	3,311.38	317.98	11.414		
12,000.00	6,840.00	11,961.23	6,840.00	165.16	162.66	-90.02	-1,838.46	-6,759.10	3,629.31	3,306.03	323.28	11.227		
12,100.00	6,840.00	12,061.23	6,840.00	167.76	165.27	-90.02	-1,837.98	-6,859.10	3,629.26	3,300.68	328.58	11.045		
12,200.00	6,840.00	12,161.23	6,840.00	170.37	167.89	-90.02	-1,837.49	-6,959.09	3,629.22	3,295.33	333.89	10.870		
12,300.00	6,840.00	12,261.23	6,840.00	172.99	170.51	-90.02	-1,837.00	-7,059.09	3,629.17	3,289.97	339.20	10.699		
12,400.00	6,840.00	12,361.23	6,840.00	175.60	173.13	-90.02	-1,836.52	-7,159.09	3,629.12	3,284.61	344.51	10.534		
12,500.00	6,840.00	12,461.23	6,840.00	178.23	175.75	-90.02	-1,836.03	-7,259.09	3,629.07	3,279.24	349.83	10.374		
12,600.00	6,840.00	12,561.23	6,840.00	180.85	178.38	-90.02	-1,835.55	-7,359.09	3,629.02	3,273.87	355.15	10.218		
12,700.00	6,840.00	12,661.23	6,840.00	183.47	181.01	-90.02	-1,835.06	-7,459.09	3,628.97	3,268.50	360.47	10.067		
12,800.00	6,840.00	12,761.23	6,840.00	186.10	183.65	-90.02	-1,834.57	-7,559.09	3,628.92	3,263.12	365.80	9.920		
12,900.00	6,840.00	12,861.23	6,840.00	188.74	186.29	-90.02	-1,834.09	-7,659.09	3,628.88	3,257.74	371.13	9.778		
13,000.00	6,840.00	12,961.23	6,840.00	191.37	188.92	-90.02	-1,833.60	-7,759.09	3,628.83	3,252.36	376.47	9.639		
13,100.00	6,840.00	13,061.23	6,840.00	194.01	191.57	-90.02	-1,833.12	-7,859.08	3,628.78	3,246.97	381.81	9.504		
13,200.00	6,840.00	13,161.23	6,840.00	196.65	194.21	-90.02	-1,832.63	-7,959.08	3,628.73	3,241.58	387.15	9.373		
13,300.00	6,840.00	13,261.23	6,840.00	199.29	196.86	-90.02	-1,832.14	-8,059.08	3,628.68	3,236.19	392.49	9.245		
13,400.00	6,840.00	13,361.23	6,840.00	201.93	199.50	-90.02	-1,831.66	-8,159.08	3,628.63	3,230.80	397.84	9.121		
13,500.00	6,840.00	13,461.23	6,840.00	204.58	202.15	-90.02	-1,831.17	-8,259.08	3,628.59	3,225.40	403.18	9.000		
13,600.00	6,840.00	13,561.23	6,840.00	207.22	204.81	-90.02	-1,830.69	-8,359.08	3,628.54	3,220.00	408.53	8.882		
13,700.00	6,840.00	13,661.23	6,840.00	209.87	207.46	-90.02	-1,830.20	-8,459.08	3,628.49	3,214.60	413.89	8.767		
13,800.00	6,840.00	13,761.23	6,840.00	212.52	210.11	-90.02	-1,829.71	-8,559.08	3,628.44	3,209.20	419.24	8.655		
13,900.00	6,840.00	13,861.23	6,840.00	215.18	212.77	-90.02	-1,829.23	-8,659.07	3,628.39	3,203.79	424.60	8.545		
14,000.00	6,840.00	13,961.23	6,840.00	217.83	215.43	-90.02	-1,828.74	-8,759.07	3,628.34	3,198.38	429.96	8.439		
14,100.00	6,840.00	14,061.23	6,840.00	220.49	218.09	-90.02	-1,828.26	-8,859.07	3,628.30	3,192.97	435.32	8.335		
14,200.00	6,840.00	14,161.23	6,840.00	223.15	220.75	-90.02	-1,827.77	-8,959.07	3,628.25	3,187.56	440.68	8.233		
14,300.00	6,840.00	14,261.23	6,840.00	225.81	223.42	-90.02	-1,827.29	-9,059.07	3,628.20	3,182.15	446.05	8.134		
14,400.00	6,840.00	14,361.23	6,840.00	228.47	226.08	-90.02	-1,826.80	-9,159.07	3,628.15	3,176.73	451.42	8.037		
14,500.00	6,840.00	14,461.23	6,840.00	231.13	228.75	-90.02	-1,826.31	-9,259.07	3,628.10	3,171.32	456.79	7.943		
14,600.00	6,840.00	14,561.23	6,840.00	233.79	231.41	-90.02	-1,825.83	-9,359.07	3,628.05	3,165.90	462.16	7.850		
14,700.00	6,840.00	14,661.23	6,840.00	236.46	234.08	-90.02	-1,825.34	-9,459.06	3,628.00	3,160.48	467.53	7.760		
14,800.00	6,840.00	14,761.23	6,840.00	239.12	236.75	-90.02	-1,824.86	-9,559.06	3,627.96	3,155.06	472.90	7.672		
14,900.00	6,840.00	14,861.23	6,840.00	241.79	239.42	-90.02	-1,824.37	-9,659.06	3,627.91	3,149.63	478.28	7.585		
15,000.00	6,840.00	14,961.23	6,840.00	244.46	242.09	-90.02	-1,823.88	-9,759.06	3,627.86	3,144.21	483.65	7.501		
15,100.00	6,840.00	15,061.23	6,840.00	247.13	244.77	-90.02	-1,823.40	-9,859.06	3,627.81	3,138.78	489.03	7.418		
15,200.00	6,840.00	15,161.23	6,840.00	249.80	247.44	-90.02	-1,822.91	-9,959.06	3,627.76	3,133.35	494.41	7.338		
15,300.00	6,840.00	15,261.23	6,840.00	252.47	250.12	-90.02	-1,822.43	-10,059.06	3,627.71	3,127.92	499.79	7.258		
15,400.00	6,840.00	15,361.23	6,840.00	255.15	252.79	-90.02	-1,821.94	-10,159.06	3,627.67	3,122.49	505.17	7.181		
15,500.00	6,840.00	15,461.23	6,840.00	257.82	255.47	-90.02	-1,821.45	-10,259.06	3,627.62	3,117.06	510.55	7.105		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,561.23	6,840.00	260.50	258.15	-90.02	-1,820.97	-10,359.05	3,627.57	3,111.63	515.94	7.031		
15,700.00	6,840.00	15,661.23	6,840.00	263.17	260.83	-90.02	-1,820.48	-10,459.05	3,627.52	3,106.20	521.32	6.958		
15,800.00	6,840.00	15,761.23	6,840.00	265.85	263.51	-90.02	-1,820.00	-10,559.05	3,627.47	3,100.76	526.71	6.887		
15,900.00	6,840.00	15,861.23	6,840.00	268.53	266.19	-90.02	-1,819.51	-10,659.05	3,627.42	3,095.32	532.10	6.817		
16,000.00	6,840.00	15,961.23	6,840.00	271.20	268.87	-90.02	-1,819.02	-10,759.05	3,627.37	3,089.89	537.49	6.749		
16,100.00	6,840.00	16,061.23	6,840.00	273.88	271.55	-90.02	-1,818.54	-10,859.05	3,627.33	3,084.45	542.88	6.682		
16,200.00	6,840.00	16,161.23	6,840.00	276.56	274.23	-90.02	-1,818.05	-10,959.05	3,627.28	3,079.01	548.27	6.616		
16,300.00	6,840.00	16,261.23	6,840.00	279.25	276.92	-90.02	-1,817.57	-11,059.05	3,627.23	3,073.57	553.66	6.551		
16,400.00	6,840.00	16,361.23	6,840.00	281.93	279.60	-90.02	-1,817.08	-11,159.04	3,627.18	3,068.13	559.05	6.488		
16,500.00	6,840.00	16,461.23	6,840.00	284.61	282.29	-90.02	-1,816.60	-11,259.04	3,627.13	3,062.69	564.44	6.426		
16,600.00	6,840.00	16,561.23	6,840.00	287.29	284.97	-90.02	-1,816.11	-11,359.04	3,627.08	3,057.25	569.84	6.365		
16,700.00	6,840.00	16,661.23	6,840.00	289.98	287.66	-90.02	-1,815.62	-11,459.04	3,627.04	3,051.80	575.23	6.305		
16,800.00	6,840.00	16,761.23	6,840.00	292.66	290.35	-90.02	-1,815.14	-11,559.04	3,626.99	3,046.36	580.63	6.247		
16,900.00	6,840.00	16,861.23	6,840.00	295.35	293.04	-90.02	-1,814.65	-11,659.04	3,626.94	3,040.91	586.03	6.189		
17,000.00	6,840.00	16,961.23	6,840.00	298.03	295.72	-90.02	-1,814.17	-11,759.04	3,626.89	3,035.47	591.42	6.132		
17,100.00	6,840.00	17,061.23	6,840.00	300.72	298.41	-90.02	-1,813.68	-11,859.04	3,626.84	3,030.02	596.82	6.077		
17,200.00	6,840.00	17,161.23	6,840.00	303.41	301.10	-90.02	-1,813.19	-11,959.04	3,626.79	3,024.57	602.22	6.022		
17,300.00	6,840.00	17,261.23	6,840.00	306.09	303.79	-90.02	-1,812.71	-12,059.03	3,626.75	3,019.12	607.62	5.969		
17,400.00	6,840.00	17,361.23	6,840.00	308.78	306.48	-90.02	-1,812.22	-12,159.03	3,626.70	3,013.67	613.02	5.916		
17,500.00	6,840.00	17,461.23	6,840.00	311.47	309.17	-90.02	-1,811.74	-12,259.03	3,626.65	3,008.22	618.42	5.864		
17,600.00	6,840.00	17,561.23	6,840.00	314.16	311.87	-90.02	-1,811.25	-12,359.03	3,626.60	3,002.77	623.83	5.813		
17,700.00	6,840.00	17,661.23	6,840.00	316.85	314.56	-90.02	-1,810.76	-12,459.03	3,626.55	2,997.32	629.23	5.763		
17,800.00	6,840.00	17,761.23	6,840.00	319.54	317.25	-90.02	-1,810.28	-12,559.03	3,626.50	2,991.87	634.63	5.714		
17,900.00	6,840.00	17,861.23	6,840.00	322.23	319.94	-90.02	-1,809.79	-12,659.03	3,626.45	2,986.42	640.03	5.666		
18,000.00	6,840.00	17,961.23	6,840.00	324.92	322.64	-90.02	-1,809.31	-12,759.03	3,626.41	2,980.97	645.44	5.619		
18,100.00	6,840.00	18,061.23	6,840.00	327.62	325.33	-90.02	-1,808.82	-12,859.02	3,626.36	2,975.51	650.84	5.572		
18,200.00	6,840.00	18,161.23	6,840.00	330.31	328.03	-90.02	-1,808.33	-12,959.02	3,626.31	2,970.06	656.25	5.526		
18,300.00	6,840.00	18,261.23	6,840.00	333.00	330.72	-90.02	-1,807.85	-13,059.02	3,626.26	2,964.61	661.66	5.481		
18,400.00	6,840.00	18,361.23	6,840.00	335.70	333.42	-90.02	-1,807.36	-13,159.02	3,626.21	2,959.15	667.06	5.436		
18,500.00	6,840.00	18,461.23	6,840.00	338.39	336.11	-90.02	-1,806.88	-13,259.02	3,626.16	2,953.69	672.47	5.392		
18,600.00	6,840.00	18,561.23	6,840.00	341.08	338.81	-90.02	-1,806.39	-13,359.02	3,626.12	2,948.24	677.88	5.349		
18,700.00	6,840.00	18,661.23	6,840.00	343.78	341.50	-90.02	-1,805.91	-13,459.02	3,626.07	2,942.78	683.29	5.307		
18,800.00	6,840.00	18,761.23	6,840.00	346.47	344.20	-90.02	-1,805.42	-13,559.02	3,626.02	2,937.32	688.69	5.265		
18,900.00	6,840.00	18,861.23	6,840.00	349.17	346.90	-90.02	-1,804.93	-13,659.01	3,625.97	2,931.87	694.10	5.224		
19,000.00	6,840.00	18,961.23	6,840.00	351.86	349.60	-90.02	-1,804.45	-13,759.01	3,625.92	2,926.41	699.51	5.183		
19,100.00	6,840.00	19,061.23	6,840.00	354.56	352.29	-90.02	-1,803.96	-13,859.01	3,625.87	2,920.95	704.92	5.144		
19,200.00	6,840.00	19,161.23	6,840.00	357.26	354.99	-90.02	-1,803.48	-13,959.01	3,625.82	2,915.49	710.33	5.104		
19,300.00	6,840.00	19,261.23	6,840.00	359.95	357.69	-90.02	-1,802.99	-14,059.01	3,625.78	2,910.03	715.74	5.066		
19,400.00	6,840.00	19,361.23	6,840.00	362.65	360.39	-90.02	-1,802.50	-14,159.01	3,625.73	2,904.57	721.16	5.028		
19,500.00	6,840.00	19,461.23	6,840.00	365.35	363.09	-90.02	-1,802.02	-14,259.01	3,625.68	2,899.11	726.57	4.990		
19,600.00	6,840.00	19,561.23	6,840.00	368.05	365.79	-90.02	-1,801.53	-14,359.01	3,625.63	2,893.65	731.98	4.953		
19,700.00	6,840.00	19,661.23	6,840.00	370.74	368.49	-90.02	-1,801.05	-14,459.01	3,625.58	2,888.19	737.39	4.917		
19,800.00	6,840.00	19,761.23	6,840.00	373.44	371.19	-90.02	-1,800.56	-14,559.00	3,625.53	2,882.73	742.81	4.881		
19,900.00	6,840.00	19,861.23	6,840.00	376.14	373.89	-90.02	-1,800.07	-14,659.00	3,625.49	2,877.27	748.22	4.845		
20,000.00	6,840.00	19,961.23	6,840.00	378.84	376.59	-90.02	-1,799.59	-14,759.00	3,625.44	2,871.80	753.63	4.811		
20,100.00	6,840.00	20,061.23	6,840.00	381.54	379.29	-90.02	-1,799.10	-14,859.00	3,625.39	2,866.34	759.05	4.776		
20,200.00	6,840.00	20,161.23	6,840.00	384.24	381.99	-90.02	-1,798.62	-14,959.00	3,625.34	2,860.88	764.46	4.742		
20,300.00	6,840.00	20,261.23	6,840.00	386.94	384.69	-90.02	-1,798.13	-15,059.00	3,625.29	2,855.42	769.88	4.709		
20,400.00	6,840.00	20,361.23	6,840.00	389.64	387.39	-90.02	-1,797.64	-15,159.00	3,625.24	2,849.95	775.29	4.676		
20,500.00	6,840.00	20,461.23	6,840.00	392.34	390.10	-90.02	-1,797.16	-15,259.00	3,625.20	2,844.49	780.71	4.643		
20,596.24	6,840.00	20,557.48	6,840.00	394.94	392.70	-90.02	-1,796.69	-15,355.24	3,625.15	2,839.23	785.92	4.613		
20,600.00	6,840.00	20,552.28	6,840.00	395.04	392.56	-90.02	-1,796.72	-15,350.04	3,625.16	2,839.29	785.87	4.613		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,609.76	6,840.00	20,552.28	6,840.00	395.31	392.56	-90.02	-1,796.72	-15,350.04	3,625.19	2,839.07	786.12	4.612 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-179.94	-269.95	-0.28	269.95					
100.00	100.00	100.00	100.00	0.13	0.13	-179.94	-269.95	-0.28	269.95	269.68	0.27	1,004.074	CC, ES	
200.00	200.00	193.92	193.90	0.49	0.46	-179.70	-271.00	-1.40	271.07	270.11	0.96	282.519		
300.00	300.00	287.63	287.50	0.85	0.80	-179.00	-274.14	-4.77	274.47	272.81	1.66	165.826		
400.00	400.00	380.94	380.49	1.21	1.15	-177.88	-279.35	-10.34	280.22	277.86	2.36	118.844		
500.00	499.98	473.67	472.61	1.57	1.52	-127.24	-286.56	-18.06	289.49	286.42	3.07	94.378		
600.00	599.84	565.57	563.52	1.93	1.91	-125.98	-295.72	-27.86	303.30	299.52	3.79	80.101		
700.00	699.45	656.39	652.90	2.29	2.31	-124.87	-306.72	-39.63	321.56	317.05	4.52	71.206		
800.00	798.70	745.90	740.44	2.67	2.74	-123.90	-319.45	-53.26	344.14	338.88	5.26	65.444		
900.00	897.47	833.88	825.88	3.07	3.20	-123.06	-333.78	-68.59	370.90	364.88	6.02	61.634		
1,000.00	995.62	920.14	908.98	3.50	3.68	-122.34	-349.55	-85.47	401.71	394.91	6.80	59.091		
1,100.00	1,093.06	1,004.49	989.53	3.97	4.17	-121.70	-366.63	-103.74	436.44	428.84	7.60	57.446		
1,200.00	1,189.64	1,086.78	1,067.38	4.47	4.69	-121.13	-384.84	-123.23	474.94	466.51	8.43	56.350		
1,300.00	1,285.27	1,166.89	1,142.40	5.01	5.24	-120.58	-404.02	-143.76	517.08	507.79	9.29	55.663		
1,400.00	1,379.82	1,244.70	1,214.48	5.61	5.79	-120.05	-424.02	-165.17	562.70	552.52	10.18	55.278		
1,500.00	1,473.17	1,320.13	1,283.58	6.25	6.36	-119.51	-444.68	-187.28	611.68	600.58	11.10	55.125		
1,600.00	1,565.21	1,402.86	1,358.74	6.96	7.01	-119.07	-468.28	-212.53	663.36	651.22	12.14	54.628		
1,700.00	1,656.01	1,487.22	1,435.36	7.72	7.68	-119.28	-492.38	-238.32	716.45	703.19	13.26	54.039		
1,800.00	1,746.60	1,571.42	1,511.83	8.50	8.36	-120.00	-516.43	-264.06	769.83	755.44	14.39	53.497		
1,900.00	1,837.19	1,655.61	1,588.30	9.30	9.04	-120.62	-540.48	-289.80	823.28	807.74	15.54	52.989		
2,000.00	1,927.79	1,739.81	1,664.78	10.12	9.73	-121.16	-564.53	-315.54	876.79	860.10	16.70	52.518		
2,100.00	2,018.38	1,824.01	1,741.25	10.93	10.41	-121.65	-588.58	-341.28	930.36	912.50	17.86	52.084		
2,200.00	2,108.97	1,908.20	1,817.72	11.76	11.10	-122.08	-612.63	-367.02	983.97	964.93	19.04	51.686		
2,300.00	2,199.56	2,007.60	1,894.20	12.59	11.92	-122.47	-636.68	-392.75	1,037.61	1,017.29	20.32	51.065		
2,400.00	2,290.15	2,076.59	1,970.67	13.43	12.49	-122.82	-660.74	-418.49	1,091.28	1,069.88	21.41	50.982		
2,500.00	2,380.75	2,160.79	2,047.14	14.26	13.18	-123.13	-684.79	-444.23	1,144.98	1,122.39	22.60	50.672		
2,600.00	2,471.34	2,244.99	2,123.61	15.11	13.88	-123.42	-708.84	-469.97	1,198.71	1,174.92	23.79	50.387		
2,700.00	2,561.93	2,329.18	2,200.09	15.95	14.58	-123.68	-732.89	-495.71	1,252.45	1,227.46	24.99	50.124		
2,800.00	2,652.52	2,413.38	2,276.56	16.80	15.27	-123.93	-756.94	-521.45	1,306.21	1,280.02	26.19	49.881		
2,900.00	2,743.12	2,502.42	2,353.03	17.64	16.01	-124.15	-780.99	-547.19	1,359.98	1,332.56	27.42	49.596		
3,000.00	2,833.71	2,581.77	2,429.51	18.49	16.67	-124.36	-805.04	-572.93	1,413.77	1,385.18	28.59	49.445		
3,100.00	2,924.30	2,665.97	2,505.98	19.35	17.37	-124.55	-829.09	-598.67	1,467.57	1,437.77	29.80	49.250		
3,200.00	3,014.89	2,750.17	2,582.45	20.20	18.07	-124.72	-853.14	-624.40	1,521.38	1,490.38	31.01	49.068		
3,300.00	3,105.48	2,834.36	2,658.93	21.05	18.77	-124.89	-877.19	-650.14	1,575.21	1,542.99	32.21	48.898		
3,400.00	3,196.08	2,918.56	2,735.40	21.91	19.47	-125.04	-901.24	-675.88	1,629.04	1,595.61	33.42	48.739		
3,500.00	3,286.67	3,002.76	2,811.87	22.76	20.17	-125.19	-925.29	-701.62	1,682.87	1,648.24	34.63	48.589		
3,600.00	3,377.26	3,086.95	2,888.34	23.62	20.87	-125.32	-949.34	-727.36	1,736.72	1,700.87	35.85	48.449		
3,700.00	3,467.85	3,171.15	2,964.82	24.47	21.58	-125.45	-973.39	-753.10	1,790.57	1,753.51	37.06	48.316		
3,800.00	3,558.45	3,255.35	3,041.29	25.33	22.28	-125.57	-997.44	-778.84	1,844.43	1,806.16	38.27	48.191		
3,900.00	3,649.04	3,339.54	3,117.76	26.19	22.98	-125.69	-1,021.50	-804.58	1,898.29	1,858.80	39.49	48.073		
4,000.00	3,739.63	3,423.74	3,194.24	27.05	23.68	-125.79	-1,045.55	-830.31	1,952.16	1,911.46	40.70	47.962		
4,100.00	3,830.22	3,507.93	3,270.71	27.90	24.39	-125.89	-1,069.60	-856.05	2,006.03	1,964.11	41.92	47.856		
4,200.00	3,920.81	3,607.87	3,347.18	28.76	25.22	-125.99	-1,093.65	-881.79	2,059.91	2,016.67	43.24	47.635		
4,300.00	4,011.41	3,676.33	3,423.66	29.62	25.79	-126.08	-1,117.70	-907.53	2,113.79	2,069.44	44.35	47.660		
4,400.00	4,102.00	3,760.52	3,500.13	30.48	26.49	-126.17	-1,141.75	-933.27	2,167.67	2,122.10	45.57	47.569		
4,500.00	4,192.59	3,844.72	3,576.60	31.34	27.20	-126.25	-1,165.80	-959.01	2,221.56	2,174.77	46.79	47.483		
4,600.00	4,283.18	3,928.92	3,653.08	32.20	27.90	-126.33	-1,189.85	-984.75	2,275.45	2,227.45	48.01	47.400		
4,700.00	4,373.78	4,013.11	3,729.55	33.06	28.60	-126.40	-1,213.90	-1,010.49	2,329.35	2,280.12	49.22	47.321		
4,800.00	4,464.37	4,102.69	3,806.02	33.92	29.35	-126.47	-1,237.95	-1,036.22	2,383.24	2,332.76	50.48	47.211		
4,900.00	4,554.96	4,181.51	3,882.49	34.78	30.01	-126.54	-1,262.00	-1,061.96	2,437.14	2,385.48	51.66	47.174		
5,000.00	4,645.55	4,265.70	3,958.97	35.64	30.71	-126.61	-1,286.05	-1,087.70	2,491.04	2,438.16	52.88	47.105		
5,100.00	4,736.14	4,349.90	4,035.44	36.51	31.42	-126.67	-1,310.10	-1,113.44	2,544.95	2,490.84	54.10	47.038		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,434.10	4,111.91	37.37	32.12	-126.73	-1,334.15	-1,139.18	2,598.85	2,543.53	55.32	46.975		
5,300.00	4,917.33	4,518.29	4,188.39	38.23	32.83	-126.79	-1,358.21	-1,164.92	2,652.76	2,596.21	56.55	46.914		
5,400.00	5,007.92	4,602.49	4,264.86	39.09	33.53	-126.84	-1,382.26	-1,190.66	2,706.67	2,648.90	57.77	46.855		
5,500.00	5,098.51	4,686.69	4,341.33	39.95	34.23	-126.90	-1,406.31	-1,216.40	2,760.58	2,701.59	58.99	46.798		
5,600.00	5,189.11	4,770.88	4,417.81	40.81	34.94	-126.95	-1,430.36	-1,242.13	2,814.49	2,754.28	60.21	46.744		
5,700.00	5,279.70	4,855.08	4,494.28	41.68	35.64	-127.00	-1,454.41	-1,267.87	2,868.41	2,806.97	61.43	46.691		
5,800.00	5,370.29	4,939.28	4,570.75	42.54	36.35	-127.04	-1,478.46	-1,293.61	2,922.32	2,859.66	62.66	46.640		
5,900.00	5,460.88	5,023.47	4,647.23	43.40	37.05	-127.09	-1,502.51	-1,319.35	2,976.24	2,912.36	63.88	46.591		
6,000.00	5,551.47	5,107.67	4,723.70	44.26	37.76	-127.13	-1,526.56	-1,345.09	3,030.16	2,965.05	65.10	46.544		
6,100.00	5,642.07	5,208.14	4,800.17	45.13	38.60	-127.18	-1,550.61	-1,370.83	3,084.08	3,017.64	66.44	46.419		
6,200.00	5,732.66	5,276.06	4,876.64	45.99	39.16	-127.22	-1,574.66	-1,396.57	3,138.00	3,070.45	67.55	46.454		
6,300.00	5,823.25	5,360.26	4,953.12	46.85	39.87	-127.26	-1,598.71	-1,422.31	3,191.92	3,123.14	68.78	46.411		
6,400.00	5,913.84	5,444.45	5,029.59	47.72	40.57	-127.30	-1,622.76	-1,448.04	3,245.84	3,175.84	70.00	46.369		
6,500.00	6,004.44	5,528.65	5,106.06	48.58	41.28	-127.33	-1,646.81	-1,473.78	3,299.76	3,228.54	71.22	46.329		
6,600.00	6,095.03	5,612.85	5,182.54	49.44	41.98	-127.37	-1,670.86	-1,499.52	3,353.69	3,281.24	72.45	46.290		
6,700.00	6,185.62	5,702.96	5,259.01	50.30	42.74	-127.40	-1,694.92	-1,525.26	3,407.61	3,333.90	73.72	46.226		
6,800.00	6,276.21	5,781.24	5,335.48	51.17	43.39	-127.44	-1,718.97	-1,551.00	3,461.54	3,386.64	74.90	46.215		
6,900.00	6,366.80	5,865.44	5,411.96	52.03	44.10	-127.47	-1,743.02	-1,576.74	3,515.47	3,439.34	76.13	46.179		
7,000.00	6,457.40	5,949.63	5,488.43	52.89	44.80	-127.50	-1,767.07	-1,602.48	3,569.40	3,492.04	77.35	46.144		
7,100.00	6,548.00	6,033.78	5,564.85	53.85	45.51	-112.15	-1,791.10	-1,628.20	3,622.57	3,543.90	78.68	46.043		
7,200.00	6,626.13	6,116.28	5,639.79	55.05	46.20	-100.12	-1,814.67	-1,653.42	3,673.00	3,592.75	80.25	45.772		
7,300.00	6,696.49	6,205.36	5,710.96	56.46	46.94	-91.67	-1,837.05	-1,677.37	3,719.46	3,637.36	82.10	45.304		
7,400.00	6,754.56	6,266.47	5,776.20	58.05	47.45	-85.61	-1,857.57	-1,699.33	3,761.04	3,677.08	83.96	44.795		
7,500.00	6,798.57	6,329.60	5,833.54	59.78	47.98	-81.27	-1,875.60	-1,718.63	3,797.10	3,711.10	86.00	44.154		
7,600.00	6,827.18	6,382.10	5,881.22	61.58	48.42	-78.26	-1,890.60	-1,734.68	3,827.17	3,739.11	88.05	43.464		
7,700.00	6,839.51	6,422.38	5,917.81	63.39	48.76	-76.33	-1,902.11	-1,747.00	3,850.95	3,760.91	90.05	42.766		
7,800.00	6,840.00	6,453.22	5,945.83	65.19	49.02	-76.34	-1,910.92	-1,756.43	3,870.79	3,778.83	91.95	42.096		
7,900.00	6,840.00	6,483.67	5,973.48	67.04	49.27	-76.78	-1,919.61	-1,765.73	3,892.59	3,798.73	93.87	41.470		
8,000.00	6,840.00	6,514.11	6,001.13	68.95	49.53	-77.22	-1,928.31	-1,775.04	3,916.60	3,820.82	95.78	40.890		
8,100.00	6,840.00	6,544.56	6,028.78	70.91	49.78	-77.65	-1,937.01	-1,784.35	3,942.76	3,845.06	97.70	40.357		
8,200.00	6,840.00	6,574.00	6,056.43	72.91	50.00	-78.00	-1,945.71	-1,793.00	3,969.00	3,871.00	99.60	39.800		
8,300.00	6,840.00	6,603.43	6,084.00	74.96	50.17	-78.26	-1,954.41	-1,801.69	3,995.41	3,897.19	101.45	39.229		
8,400.00	6,840.00	6,632.86	6,111.57	77.05	50.33	-78.52	-1,963.11	-1,810.38	4,021.82	3,923.38	103.25	38.644		
8,500.00	6,840.00	6,662.29	6,139.14	79.18	50.48	-78.78	-1,971.81	-1,819.07	4,048.23	3,949.57	105.00	38.044		
8,600.00	6,840.00	6,691.72	6,166.71	81.34	50.63	-79.04	-1,980.51	-1,827.76	4,074.64	3,975.76	106.70	37.429		
8,700.00	6,840.00	6,721.15	6,194.28	83.54	50.78	-79.30	-1,989.21	-1,836.45	4,101.05	3,999.95	108.35	36.799		
8,800.00	6,840.00	6,750.58	6,221.85	85.76	50.93	-79.56	-1,997.91	-1,845.14	4,127.46	4,024.14	110.00	36.154		
8,900.00	6,840.00	6,780.01	6,249.42	88.02	51.08	-79.82	-2,006.61	-1,853.83	4,153.87	4,048.33	111.60	35.494		
9,000.00	6,840.00	6,809.44	6,276.99	90.30	51.23	-80.08	-2,015.31	-1,862.52	4,180.28	4,072.52	113.15	34.819		
9,100.00	6,840.00	6,838.87	6,304.56	92.60	51.38	-80.34	-2,024.01	-1,871.21	4,206.69	4,096.71	114.65	34.129		
9,200.00	6,840.00	6,868.30	6,332.13	94.93	51.53	-80.60	-2,032.71	-1,880.00	4,233.10	4,120.90	116.10	33.424		
9,300.00	6,840.00	6,897.73	6,359.70	97.28	51.68	-80.86	-2,041.41	-1,888.69	4,259.51	4,145.09	117.50	32.704		
9,400.00	6,840.00	6,927.16	6,387.27	99.65	51.83	-81.12	-2,050.11	-1,897.38	4,285.92	4,169.28	118.85	31.969		
9,500.00	6,840.00	6,956.59	6,414.84	102.03	51.98	-81.38	-2,058.81	-1,906.07	4,312.33	4,193.47	120.15	31.219		
9,600.00	6,840.00	6,986.02	6,442.41	104.43	52.13	-81.64	-2,067.51	-1,914.76	4,338.74	4,217.66	121.40	30.454		
9,700.00	6,840.00	7,015.45	6,470.00	106.85	52.28	-81.90	-2,076.21	-1,923.45	4,365.15	4,241.85	122.60	29.674		
9,800.00	6,840.00	7,044.88	6,497.57	109.29	52.43	-82.16	-2,084.91	-1,932.14	4,391.56	4,266.04	123.75	28.879		
9,900.00	6,840.00	7,074.31	6,525.14	111.73	52.58	-82.42	-2,093.61	-1,940.83	4,417.97	4,290.23	124.85	28.069		
10,000.00	6,840.00	7,103.74	6,552.71	114.19	52.73	-82.68	-2,102.31	-1,949.52	4,444.38	4,314.42	125.90	27.244		
10,100.00	6,840.00	7,133.17	6,580.28	116.66	52.88	-82.94	-2,111.01	-1,958.21	4,470.79	4,338.61	126.90	26.404		
10,200.00	6,840.00	7,162.60	6,607.85	119.15	53.03	-83.20	-2,119.71	-1,966.90	4,497.20	4,362.80	127.85	25.549		
10,300.00	6,840.00	7,192.03	6,635.42	121.64	53.18	-83.46	-2,128.41	-1,975.59	4,523.61	4,387.00	128.75	24.679		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,427.36	6,840.00	124.14	122.36	-90.00	-2,176.79	-5,161.06	3,960.65	3,721.61	239.04	16.569		
10,500.00	6,840.00	10,527.36	6,840.00	126.65	124.84	-90.00	-2,176.29	-5,261.06	3,960.59	3,716.37	244.22	16.217		
10,600.00	6,840.00	10,627.36	6,840.00	129.18	127.34	-90.00	-2,175.80	-5,361.06	3,960.53	3,711.12	249.41	15.880		
10,700.00	6,840.00	10,727.36	6,840.00	131.70	129.84	-90.00	-2,175.31	-5,461.06	3,960.48	3,705.87	254.61	15.555		
10,800.00	6,840.00	10,827.36	6,840.00	134.24	132.36	-90.00	-2,174.81	-5,561.05	3,960.42	3,700.60	259.82	15.243		
10,900.00	6,840.00	10,927.36	6,840.00	136.79	134.88	-90.00	-2,174.32	-5,661.05	3,960.36	3,695.32	265.04	14.943		
11,000.00	6,840.00	11,027.36	6,840.00	139.34	137.41	-90.00	-2,173.82	-5,761.05	3,960.30	3,690.04	270.27	14.653		
11,100.00	6,840.00	11,127.36	6,840.00	141.90	139.95	-90.00	-2,173.33	-5,861.05	3,960.25	3,684.74	275.50	14.375		
11,200.00	6,840.00	11,227.36	6,840.00	144.46	142.49	-90.00	-2,172.83	-5,961.05	3,960.19	3,679.44	280.75	14.106		
11,300.00	6,840.00	11,327.36	6,840.00	147.03	145.05	-90.00	-2,172.34	-6,061.05	3,960.13	3,674.14	286.00	13.847		
11,400.00	6,840.00	11,427.36	6,840.00	149.60	147.60	-90.00	-2,171.85	-6,161.05	3,960.08	3,668.82	291.26	13.597		
11,500.00	6,840.00	11,527.36	6,840.00	152.18	150.17	-90.00	-2,171.35	-6,261.05	3,960.02	3,663.50	296.52	13.355		
11,600.00	6,840.00	11,627.36	6,840.00	154.77	152.74	-90.00	-2,170.86	-6,361.05	3,959.96	3,658.17	301.79	13.122		
11,700.00	6,840.00	11,727.36	6,840.00	157.36	155.31	-90.00	-2,170.36	-6,461.04	3,959.91	3,652.84	307.07	12.896		
11,800.00	6,840.00	11,827.36	6,840.00	159.95	157.89	-90.00	-2,169.87	-6,561.04	3,959.85	3,647.50	312.35	12.678		
11,900.00	6,840.00	11,927.36	6,840.00	162.55	160.48	-90.00	-2,169.37	-6,661.04	3,959.79	3,642.15	317.64	12.466		
12,000.00	6,840.00	12,027.36	6,840.00	165.16	163.07	-90.00	-2,168.88	-6,761.04	3,959.73	3,636.80	322.93	12.262		
12,100.00	6,840.00	12,127.36	6,840.00	167.76	165.66	-90.00	-2,168.38	-6,861.04	3,959.68	3,631.45	328.23	12.064		
12,200.00	6,840.00	12,227.36	6,840.00	170.37	168.26	-90.00	-2,167.89	-6,961.04	3,959.62	3,626.09	333.53	11.872		
12,300.00	6,840.00	12,327.36	6,840.00	172.99	170.87	-90.00	-2,167.40	-7,061.04	3,959.56	3,620.73	338.84	11.686		
12,400.00	6,840.00	12,427.36	6,840.00	175.60	173.47	-90.00	-2,166.90	-7,161.04	3,959.51	3,615.36	344.15	11.505		
12,500.00	6,840.00	12,527.36	6,840.00	178.23	176.08	-90.00	-2,166.41	-7,261.03	3,959.45	3,609.99	349.46	11.330		
12,600.00	6,840.00	12,627.36	6,840.00	180.85	178.70	-90.00	-2,165.91	-7,361.03	3,959.39	3,604.61	354.78	11.160		
12,700.00	6,840.00	12,727.36	6,840.00	183.47	181.31	-90.00	-2,165.42	-7,461.03	3,959.34	3,599.23	360.10	10.995		
12,800.00	6,840.00	12,827.36	6,840.00	186.10	183.93	-90.00	-2,164.92	-7,561.03	3,959.28	3,593.85	365.43	10.835		
12,900.00	6,840.00	12,927.36	6,840.00	188.74	186.56	-90.00	-2,164.43	-7,661.03	3,959.22	3,588.46	370.76	10.679		
13,000.00	6,840.00	13,027.36	6,840.00	191.37	189.18	-90.00	-2,163.93	-7,761.03	3,959.17	3,583.07	376.09	10.527		
13,100.00	6,840.00	13,127.36	6,840.00	194.01	191.81	-90.00	-2,163.44	-7,861.03	3,959.11	3,577.68	381.43	10.380		
13,200.00	6,840.00	13,227.36	6,840.00	196.65	194.44	-90.00	-2,162.95	-7,961.03	3,959.05	3,572.29	386.76	10.236		
13,300.00	6,840.00	13,327.36	6,840.00	199.29	197.08	-90.00	-2,162.45	-8,061.02	3,958.99	3,566.89	392.10	10.097		
13,400.00	6,840.00	13,427.36	6,840.00	201.93	199.71	-90.00	-2,161.96	-8,161.02	3,958.94	3,561.49	397.45	9.961		
13,500.00	6,840.00	13,527.36	6,840.00	204.58	202.35	-90.00	-2,161.46	-8,261.02	3,958.88	3,556.09	402.79	9.829		
13,600.00	6,840.00	13,627.36	6,840.00	207.22	204.99	-90.00	-2,160.97	-8,361.02	3,958.82	3,550.68	408.14	9.700		
13,700.00	6,840.00	13,727.36	6,840.00	209.87	207.63	-90.00	-2,160.47	-8,461.02	3,958.77	3,545.27	413.49	9.574		
13,800.00	6,840.00	13,827.36	6,840.00	212.52	210.28	-90.00	-2,159.98	-8,561.02	3,958.71	3,539.86	418.85	9.451		
13,900.00	6,840.00	13,927.36	6,840.00	215.18	212.93	-90.00	-2,159.48	-8,661.02	3,958.65	3,534.45	424.20	9.332		
14,000.00	6,840.00	14,027.36	6,840.00	217.83	215.57	-90.00	-2,158.99	-8,761.02	3,958.60	3,529.04	429.56	9.215		
14,100.00	6,840.00	14,127.36	6,840.00	220.49	218.23	-90.00	-2,158.50	-8,861.01	3,958.54	3,523.62	434.92	9.102		
14,200.00	6,840.00	14,227.36	6,840.00	223.15	220.88	-90.00	-2,158.00	-8,961.01	3,958.48	3,518.20	440.28	8.991		
14,300.00	6,840.00	14,327.36	6,840.00	225.81	223.53	-90.00	-2,157.51	-9,061.01	3,958.42	3,512.78	445.64	8.882		
14,400.00	6,840.00	14,427.36	6,840.00	228.47	226.19	-90.00	-2,157.01	-9,161.01	3,958.37	3,507.36	451.01	8.777		
14,500.00	6,840.00	14,527.36	6,840.00	231.13	228.85	-90.00	-2,156.52	-9,261.01	3,958.31	3,501.94	456.38	8.673		
14,600.00	6,840.00	14,627.36	6,840.00	233.79	231.50	-90.00	-2,156.02	-9,361.01	3,958.25	3,496.51	461.74	8.572		
14,700.00	6,840.00	14,727.36	6,840.00	236.46	234.16	-90.00	-2,155.53	-9,461.01	3,958.20	3,491.08	467.11	8.474		
14,800.00	6,840.00	14,827.36	6,840.00	239.12	236.83	-90.00	-2,155.03	-9,561.01	3,958.14	3,485.65	472.49	8.377		
14,900.00	6,840.00	14,927.36	6,840.00	241.79	239.49	-90.00	-2,154.54	-9,661.00	3,958.08	3,480.22	477.86	8.283		
15,000.00	6,840.00	15,027.36	6,840.00	244.46	242.15	-90.00	-2,154.05	-9,761.00	3,958.03	3,474.79	483.23	8.191		
15,100.00	6,840.00	15,127.36	6,840.00	247.13	244.82	-90.00	-2,153.55	-9,861.00	3,957.97	3,469.36	488.61	8.100		
15,200.00	6,840.00	15,227.36	6,840.00	249.80	247.49	-90.00	-2,153.06	-9,961.00	3,957.91	3,463.92	493.99	8.012		
15,300.00	6,840.00	15,327.36	6,840.00	252.47	250.15	-90.00	-2,152.56	-10,061.00	3,957.86	3,458.49	499.37	7.926		
15,400.00	6,840.00	15,427.36	6,840.00	255.15	252.82	-90.00	-2,152.07	-10,161.00	3,957.80	3,453.05	504.75	7.841		
15,500.00	6,840.00	15,527.36	6,840.00	257.82	255.49	-90.00	-2,151.57	-10,261.00	3,957.74	3,447.61	510.13	7.758		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,627.36	6,840.00	260.50	258.17	-90.00	-2,151.08	-10,361.00	3,957.68	3,442.17	515.51	7.677		
15,700.00	6,840.00	15,727.36	6,840.00	263.17	260.84	-90.00	-2,150.58	-10,460.99	3,957.63	3,436.73	520.90	7.598		
15,800.00	6,840.00	15,827.36	6,840.00	265.85	263.51	-90.00	-2,150.09	-10,560.99	3,957.57	3,431.29	526.28	7.520		
15,900.00	6,840.00	15,927.36	6,840.00	268.53	266.19	-90.00	-2,149.60	-10,660.99	3,957.51	3,425.84	531.67	7.444		
16,000.00	6,840.00	16,027.36	6,840.00	271.20	268.86	-90.00	-2,149.10	-10,760.99	3,957.46	3,420.40	537.06	7.369		
16,100.00	6,840.00	16,127.36	6,840.00	273.88	271.54	-90.00	-2,148.61	-10,860.99	3,957.40	3,414.96	542.44	7.295		
16,200.00	6,840.00	16,227.36	6,840.00	276.56	274.21	-90.00	-2,148.11	-10,960.99	3,957.34	3,409.51	547.83	7.224		
16,300.00	6,840.00	16,327.36	6,840.00	279.25	276.89	-90.00	-2,147.62	-11,060.99	3,957.29	3,404.06	553.22	7.153		
16,400.00	6,840.00	16,427.36	6,840.00	281.93	279.57	-90.00	-2,147.12	-11,160.99	3,957.23	3,398.61	558.62	7.084		
16,500.00	6,840.00	16,527.36	6,840.00	284.61	282.25	-90.00	-2,146.63	-11,260.98	3,957.17	3,393.16	564.01	7.016		
16,600.00	6,840.00	16,627.36	6,840.00	287.29	284.93	-90.00	-2,146.13	-11,360.98	3,957.11	3,387.71	569.40	6.950		
16,700.00	6,840.00	16,727.36	6,840.00	289.98	287.61	-90.00	-2,145.64	-11,460.98	3,957.06	3,382.26	574.80	6.884		
16,800.00	6,840.00	16,827.36	6,840.00	292.66	290.29	-90.00	-2,145.15	-11,560.98	3,957.00	3,376.81	580.19	6.820		
16,900.00	6,840.00	16,927.36	6,840.00	295.35	292.98	-90.00	-2,144.65	-11,660.98	3,956.94	3,371.36	585.59	6.757		
17,000.00	6,840.00	17,027.36	6,840.00	298.03	295.66	-90.00	-2,144.16	-11,760.98	3,956.89	3,365.90	590.98	6.695		
17,100.00	6,840.00	17,127.36	6,840.00	300.72	298.34	-90.00	-2,143.66	-11,860.98	3,956.83	3,360.45	596.38	6.635		
17,200.00	6,840.00	17,227.36	6,840.00	303.41	301.03	-90.00	-2,143.17	-11,960.98	3,956.77	3,355.00	601.78	6.575		
17,300.00	6,840.00	17,327.36	6,840.00	306.09	303.72	-90.00	-2,142.67	-12,060.97	3,956.72	3,349.54	607.18	6.517		
17,400.00	6,840.00	17,427.36	6,840.00	308.78	306.40	-90.00	-2,142.18	-12,160.97	3,956.66	3,344.08	612.58	6.459		
17,500.00	6,840.00	17,527.36	6,840.00	311.47	309.09	-90.00	-2,141.68	-12,260.97	3,956.60	3,338.63	617.98	6.403		
17,600.00	6,840.00	17,627.36	6,840.00	314.16	311.78	-90.00	-2,141.19	-12,360.97	3,956.55	3,333.17	623.38	6.347		
17,700.00	6,840.00	17,727.36	6,840.00	316.85	314.46	-90.00	-2,140.70	-12,460.97	3,956.49	3,327.71	628.78	6.292		
17,800.00	6,840.00	17,827.36	6,840.00	319.54	317.15	-90.00	-2,140.20	-12,560.97	3,956.43	3,322.25	634.18	6.239		
17,900.00	6,840.00	17,927.36	6,840.00	322.23	319.84	-90.00	-2,139.71	-12,660.97	3,956.37	3,316.79	639.58	6.186		
18,000.00	6,840.00	18,027.36	6,840.00	324.92	322.53	-90.00	-2,139.21	-12,760.97	3,956.32	3,311.33	644.99	6.134		
18,100.00	6,840.00	18,127.36	6,840.00	327.62	325.22	-90.00	-2,138.72	-12,860.96	3,956.26	3,305.87	650.39	6.083		
18,200.00	6,840.00	18,227.36	6,840.00	330.31	327.91	-90.00	-2,138.22	-12,960.96	3,956.20	3,300.41	655.80	6.033		
18,300.00	6,840.00	18,327.36	6,840.00	333.00	330.60	-90.00	-2,137.73	-13,060.96	3,956.15	3,294.94	661.20	5.983		
18,400.00	6,840.00	18,427.36	6,840.00	335.70	333.29	-90.00	-2,137.23	-13,160.96	3,956.09	3,289.48	666.61	5.935		
18,500.00	6,840.00	18,527.36	6,840.00	338.39	335.98	-90.00	-2,136.74	-13,260.96	3,956.03	3,284.02	672.01	5.887		
18,600.00	6,840.00	18,627.36	6,840.00	341.08	338.68	-90.00	-2,136.25	-13,360.96	3,955.98	3,278.55	677.42	5.840		
18,700.00	6,840.00	18,727.36	6,840.00	343.78	341.37	-90.00	-2,135.75	-13,460.96	3,955.92	3,273.09	682.83	5.793		
18,800.00	6,840.00	18,827.36	6,840.00	346.47	344.06	-90.00	-2,135.26	-13,560.96	3,955.86	3,267.63	688.24	5.748		
18,900.00	6,840.00	18,927.36	6,840.00	349.17	346.76	-90.00	-2,134.76	-13,660.95	3,955.80	3,262.16	693.64	5.703		
19,000.00	6,840.00	19,027.36	6,840.00	351.86	349.45	-90.00	-2,134.27	-13,760.95	3,955.75	3,256.69	699.05	5.659		
19,100.00	6,840.00	19,127.36	6,840.00	354.56	352.15	-90.00	-2,133.77	-13,860.95	3,955.69	3,251.23	704.46	5.615		
19,200.00	6,840.00	19,227.36	6,840.00	357.26	354.84	-90.00	-2,133.28	-13,960.95	3,955.63	3,245.76	709.87	5.572		
19,300.00	6,840.00	19,327.36	6,840.00	359.95	357.54	-90.00	-2,132.78	-14,060.95	3,955.58	3,240.29	715.28	5.530		
19,400.00	6,840.00	19,427.36	6,840.00	362.65	360.23	-90.00	-2,132.29	-14,160.95	3,955.52	3,234.83	720.69	5.488		
19,500.00	6,840.00	19,527.36	6,840.00	365.35	362.93	-90.00	-2,131.80	-14,260.95	3,955.46	3,229.36	726.11	5.448		
19,600.00	6,840.00	19,627.36	6,840.00	368.05	365.62	-90.00	-2,131.30	-14,360.95	3,955.41	3,223.89	731.52	5.407		
19,700.00	6,840.00	19,727.36	6,840.00	370.74	368.32	-90.00	-2,130.81	-14,460.94	3,955.35	3,218.42	736.93	5.367		
19,800.00	6,840.00	19,827.36	6,840.00	373.44	371.02	-90.00	-2,130.31	-14,560.94	3,955.29	3,212.95	742.34	5.328		
19,900.00	6,840.00	19,927.36	6,840.00	376.14	373.72	-90.00	-2,129.82	-14,660.94	3,955.24	3,207.48	747.75	5.289		
20,000.00	6,840.00	20,027.36	6,840.00	378.84	376.41	-90.00	-2,129.32	-14,760.94	3,955.18	3,202.01	753.17	5.251		
20,100.00	6,840.00	20,127.36	6,840.00	381.54	379.11	-90.00	-2,128.83	-14,860.94	3,955.12	3,196.54	758.58	5.214		
20,200.00	6,840.00	20,227.36	6,840.00	384.24	381.81	-90.00	-2,128.33	-14,960.94	3,955.06	3,191.07	763.99	5.177		
20,300.00	6,840.00	20,327.36	6,840.00	386.94	384.51	-90.00	-2,127.84	-15,060.94	3,955.01	3,185.60	769.41	5.140		
20,400.00	6,840.00	20,427.36	6,840.00	389.64	387.21	-90.00	-2,127.35	-15,160.94	3,954.95	3,180.13	774.82	5.104		
20,500.00	6,840.00	20,527.36	6,840.00	392.34	389.91	-90.00	-2,126.85	-15,260.94	3,954.89	3,174.65	780.24	5.069		
20,590.63	6,840.00	20,617.98	6,840.00	394.79	392.35	-90.00	-2,126.40	-15,351.56	3,954.84	3,169.69	785.15	5.037		
20,600.00	6,840.00	20,616.38	6,840.00	395.04	392.31	-90.00	-2,126.41	-15,349.96	3,954.85	3,169.49	785.36	5.036		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,609.76	6,840.00	20,616.38	6,840.00	395.31	392.31	-90.00	-2,126.41	-15,349.96	3,954.89	3,169.27	785.62	5.034 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-51.58	2,278.15	-2,872.10	3,666.54					
100.00	100.00	36.76	36.76	0.13	0.04	-51.58	2,278.19	-2,872.04	3,665.89	3,665.72	0.17	N/A		
200.00	200.00	147.05	147.05	0.49	0.16	-51.56	2,278.68	-2,871.22	3,665.59	3,664.94	0.65	5,627.148		
300.00	300.00	258.51	258.49	0.85	0.28	-51.55	2,279.17	-2,870.08	3,665.07	3,663.94	1.13	3,244.883		
400.00	400.00	382.97	382.95	1.21	0.38	-51.52	2,279.51	-2,868.17	3,664.04	3,662.46	1.58	2,322.594		
500.00	499.98	481.60	481.55	1.57	0.44	-2.24	2,279.76	-2,866.18	3,660.87	3,658.88	1.99	1,836.620		
600.00	599.84	582.08	582.01	1.93	0.50	-2.23	2,280.01	-2,864.25	3,654.30	3,651.89	2.41	1,518.636		
700.00	699.45	686.03	685.94	2.29	0.56	-2.22	2,280.25	-2,862.16	3,644.17	3,641.35	2.82	1,292.774		
800.00	798.70	775.96	775.86	2.67	0.60	-2.22	2,280.18	-2,860.61	3,630.61	3,627.38	3.22	1,126.164		
900.00	897.47	866.65	866.54	3.07	0.64	-2.23	2,280.03	-2,859.43	3,613.87	3,610.24	3.63	995.606		
1,000.00	995.62	965.36	965.24	3.50	0.69	-2.25	2,279.80	-2,858.35	3,593.82	3,589.78	4.04	889.461		
1,100.00	1,093.06	1,064.22	1,064.10	3.97	0.73	-2.28	2,279.35	-2,857.34	3,570.29	3,565.83	4.45	801.762		
1,200.00	1,189.64	1,159.44	1,159.32	4.47	0.77	-2.32	2,278.77	-2,856.48	3,543.38	3,538.51	4.87	728.003		
1,300.00	1,285.27	1,251.27	1,251.14	5.01	0.81	-2.37	2,278.13	-2,855.78	3,513.19	3,507.91	5.28	665.371		
1,400.00	1,379.82	1,340.92	1,340.79	5.61	0.84	-2.42	2,277.59	-2,855.19	3,479.81	3,474.12	5.70	610.840		
1,500.00	1,473.17	1,429.15	1,429.02	6.25	0.87	-2.48	2,277.01	-2,854.78	3,443.29	3,437.17	6.12	563.048		
1,600.00	1,565.21	1,514.45	1,514.31	6.96	0.90	-2.55	2,276.60	-2,854.45	3,403.69	3,397.16	6.54	520.695		
1,700.00	1,656.01	1,595.41	1,595.27	7.72	0.93	-2.60	2,276.37	-2,854.26	3,361.50	3,354.53	6.96	482.877		
1,800.00	1,746.60	1,689.33	1,689.18	8.50	0.96	-2.64	2,276.03	-2,854.22	3,318.96	3,311.58	7.38	450.002		
1,900.00	1,837.19	1,784.92	1,784.78	9.30	0.98	-2.68	2,275.43	-2,854.22	3,276.29	3,268.50	7.79	420.360		
2,000.00	1,927.79	1,876.21	1,876.06	10.12	1.01	-2.72	2,274.85	-2,854.09	3,233.53	3,225.31	8.22	393.459		
2,100.00	2,018.38	1,967.47	1,967.32	10.93	1.04	-2.77	2,274.32	-2,853.91	3,190.76	3,182.12	8.65	369.021		
2,200.00	2,108.97	2,069.20	2,069.05	11.76	1.08	-2.81	2,273.71	-2,853.53	3,147.87	3,138.79	9.08	346.844		
2,300.00	2,199.56	2,164.95	2,164.80	12.59	1.11	-2.85	2,273.13	-2,852.74	3,104.63	3,095.12	9.51	326.500		
2,400.00	2,290.15	2,261.60	2,261.44	13.43	1.14	-2.89	2,272.54	-2,851.80	3,061.30	3,051.35	9.94	307.870		
2,500.00	2,380.75	2,353.46	2,353.29	14.26	1.18	-2.94	2,271.69	-2,850.87	3,017.77	3,007.39	10.38	290.696		
2,600.00	2,471.34	2,442.50	2,442.32	15.11	1.21	-2.98	2,270.86	-2,850.04	2,974.29	2,963.47	10.82	274.857		
2,700.00	2,561.93	2,532.74	2,532.56	15.95	1.24	-3.04	2,269.73	-2,849.40	2,930.79	2,919.53	11.26	260.256		
2,800.00	2,652.52	2,622.10	2,621.90	16.80	1.27	-3.10	2,268.43	-2,848.96	2,887.33	2,875.63	11.70	246.731		
2,900.00	2,743.12	2,715.39	2,715.18	17.64	1.30	-3.16	2,267.10	-2,848.40	2,843.82	2,831.68	12.14	234.217		
3,000.00	2,833.71	2,809.61	2,809.38	18.49	1.33	-3.23	2,265.60	-2,847.79	2,800.19	2,787.61	12.58	222.566		
3,100.00	2,924.30	2,900.44	2,900.20	19.35	1.36	-3.30	2,264.09	-2,847.15	2,756.48	2,743.46	13.02	211.642		
3,200.00	3,014.89	2,986.56	2,986.31	20.20	1.38	-3.37	2,262.51	-2,846.72	2,712.82	2,699.35	13.47	201.384		
3,300.00	3,105.48	3,075.00	3,074.73	21.05	1.41	-3.46	2,260.62	-2,846.60	2,669.26	2,655.34	13.92	191.823		
3,400.00	3,196.08	3,153.57	3,153.28	21.91	1.43	-3.54	2,259.00	-2,846.62	2,625.86	2,611.49	14.37	182.724		
3,500.00	3,286.67	3,227.59	3,227.29	22.76	1.45	-3.61	2,257.69	-2,847.00	2,582.99	2,568.16	14.83	174.153		
3,600.00	3,377.26	3,300.75	3,300.44	23.62	1.46	-3.70	2,256.66	-2,847.80	2,540.72	2,525.43	15.29	166.129		
3,700.00	3,467.85	3,387.63	3,387.30	24.47	1.47	-3.80	2,255.61	-2,849.07	2,498.84	2,483.11	15.73	158.825		
3,800.00	3,558.45	3,482.15	3,481.81	25.33	1.48	-3.91	2,254.45	-2,850.48	2,456.98	2,440.82	16.16	152.028		
3,900.00	3,649.04	3,586.08	3,585.72	26.19	1.50	-4.04	2,252.93	-2,851.77	2,414.82	2,398.25	16.58	145.690		
4,000.00	3,739.63	3,683.70	3,683.32	27.05	1.52	-4.17	2,251.19	-2,852.64	2,372.24	2,355.23	17.00	139.520		
4,100.00	3,830.22	3,775.51	3,775.10	27.90	1.54	-4.30	2,249.40	-2,853.37	2,329.50	2,312.05	17.44	133.548		
4,200.00	3,920.81	3,864.93	3,864.50	28.76	1.57	-4.43	2,247.64	-2,854.08	2,286.76	2,268.88	17.89	127.831		
4,300.00	4,011.41	3,955.36	3,954.92	29.62	1.59	-4.56	2,245.85	-2,854.85	2,244.08	2,225.74	18.33	122.402		
4,400.00	4,102.00	4,047.52	4,047.05	30.48	1.61	-4.71	2,243.98	-2,855.61	2,201.35	2,182.58	18.78	117.249		
4,500.00	4,192.59	4,138.67	4,138.17	31.34	1.63	-4.87	2,241.89	-2,856.44	2,158.56	2,139.34	19.22	112.309		
4,600.00	4,283.18	4,226.07	4,225.54	32.20	1.66	-5.03	2,239.76	-2,857.36	2,115.81	2,096.14	19.67	107.538		
4,700.00	4,373.78	4,310.05	4,309.49	33.06	1.68	-5.20	2,237.57	-2,858.62	2,073.30	2,053.16	20.14	102.940		
4,800.00	4,464.37	4,394.69	4,394.08	33.92	1.70	-5.38	2,235.34	-2,860.20	2,031.08	2,010.47	20.61	98.564		
4,900.00	4,554.96	4,477.87	4,477.22	34.78	1.71	-5.58	2,233.25	-2,862.01	1,989.16	1,968.08	21.08	94.369		
5,000.00	4,645.55	4,563.82	4,563.11	35.64	1.73	-5.78	2,231.22	-2,864.13	1,947.56	1,926.02	21.54	90.399		
5,100.00	4,736.14	4,662.67	4,661.90	36.51	1.75	-6.04	2,228.74	-2,866.68	1,906.01	1,884.04	21.97	86.755		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,747.43	4,746.59	37.37	1.77	-6.28	2,226.13	-2,868.80	1,864.12	1,841.67	22.45	83.047		
5,300.00	4,917.33	4,819.77	4,818.85	38.23	1.78	-6.50	2,224.00	-2,871.29	1,823.03	1,800.06	22.97	79.355		
5,400.00	5,007.92	4,890.13	4,889.12	39.09	1.79	-6.74	2,222.21	-2,874.45	1,782.98	1,759.47	23.51	75.828		
5,500.00	5,098.51	4,975.85	4,974.69	39.95	1.81	-7.04	2,220.14	-2,879.08	1,743.71	1,719.71	24.00	72.647		
5,600.00	5,189.11	5,056.01	5,054.68	40.81	1.82	-7.35	2,218.13	-2,883.80	1,704.83	1,680.31	24.52	69.527		
5,700.00	5,279.70	5,136.97	5,135.48	41.68	1.83	-7.66	2,216.83	-2,888.85	1,666.72	1,641.68	25.04	66.562		
5,800.00	5,370.29	5,228.87	5,227.22	42.54	1.84	-7.98	2,216.55	-2,894.24	1,629.05	1,603.53	25.51	63.847		
5,900.00	5,460.88	5,339.59	5,337.83	43.40	1.84	-8.32	2,217.11	-2,899.26	1,590.80	1,564.90	25.90	61.421		
6,000.00	5,551.47	5,446.92	5,445.10	44.26	1.85	-8.63	2,217.93	-2,902.41	1,551.45	1,525.16	26.29	59.008		
6,100.00	5,642.07	5,544.39	5,542.55	45.13	1.85	-8.90	2,218.81	-2,904.45	1,511.56	1,484.83	26.73	56.548		
6,200.00	5,732.66	5,641.39	5,639.53	45.99	1.85	-9.14	2,220.35	-2,905.69	1,471.42	1,444.25	27.17	54.157		
6,300.00	5,823.25	5,741.85	5,739.96	46.85	1.84	-9.36	2,222.58	-2,905.95	1,430.82	1,403.23	27.59	51.866		
6,400.00	5,913.84	5,846.22	5,844.29	47.72	1.84	-9.56	2,225.35	-2,905.01	1,389.54	1,361.57	27.98	49.668		
6,500.00	6,004.44	5,953.17	5,951.21	48.58	1.84	-9.80	2,227.15	-2,903.26	1,347.24	1,318.89	28.35	47.519		
6,600.00	6,095.03	6,057.04	6,055.04	49.44	1.85	-10.05	2,228.20	-2,900.60	1,303.92	1,275.18	28.74	45.362		
6,700.00	6,185.62	6,144.96	6,142.92	50.30	1.86	-10.30	2,228.44	-2,898.06	1,260.03	1,230.78	29.25	43.075		
6,800.00	6,276.21	6,226.08	6,224.02	51.17	1.87	-10.53	2,229.25	-2,896.09	1,216.84	1,187.02	29.82	40.812		
6,900.00	6,366.80	6,315.23	6,313.14	52.03	1.87	-10.83	2,229.95	-2,894.38	1,173.98	1,143.65	30.33	38.706		
7,000.00	6,457.40	6,409.08	6,406.98	52.89	1.89	-11.17	2,230.48	-2,892.55	1,131.02	1,100.20	30.82	36.702		
7,100.00	6,545.60	6,491.59	6,489.47	53.85	1.90	1.45	2,230.94	-2,891.05	1,083.16	1,051.82	31.34	34.560		
7,200.00	6,626.13	6,573.20	6,571.07	55.05	1.91	13.24	2,231.29	-2,889.75	1,023.49	991.83	31.66	32.328		
7,300.00	6,696.49	6,643.07	6,640.93	56.46	1.92	25.47	2,231.41	-2,888.60	953.70	921.89	31.81	29.978		
7,400.00	6,754.56	6,699.58	6,697.43	58.05	1.93	40.29	2,231.52	-2,887.67	876.63	844.78	31.84	27.528		
7,500.00	6,798.57	6,740.74	6,738.59	59.78	1.93	57.85	2,231.62	-2,887.04	795.73	763.78	31.95	24.907		
7,600.00	6,827.18	6,767.23	6,765.07	61.58	1.94	75.21	2,231.68	-2,886.68	715.18	682.64	32.54	21.976		
7,700.00	6,839.51	6,778.04	6,775.88	63.39	1.94	88.24	2,231.70	-2,886.55	639.96	605.54	34.41	18.597		
7,800.00	6,840.00	6,777.32	6,775.16	65.19	1.94	90.40	2,231.70	-2,886.56	574.46	536.02	38.44	14.945		
7,900.00	6,840.00	6,776.10	6,773.95	67.04	1.94	90.24	2,231.70	-2,886.57	520.18	475.20	44.98	11.564		
8,000.00	6,840.00	6,774.88	6,772.72	68.95	1.94	90.09	2,231.70	-2,886.59	480.80	427.21	53.59	8.972		
8,100.00	6,840.00	6,773.64	6,771.48	70.91	1.94	89.94	2,231.69	-2,886.60	460.16	397.31	62.85	7.322		
8,147.11	6,840.00	6,773.05	6,770.90	71.85	1.94	89.86	2,231.69	-2,886.61	457.75	390.86	66.89	6.844 CC		
8,200.00	6,840.00	6,772.39	6,770.23	72.91	1.94	89.78	2,231.69	-2,886.62	460.79	389.95	70.84	6.505 ES		
8,300.00	6,840.00	6,771.12	6,768.97	74.96	1.94	89.62	2,231.69	-2,886.63	482.60	406.42	76.18	6.335 SF		
8,400.00	6,840.00	6,769.84	6,767.69	77.05	1.94	89.46	2,231.69	-2,886.65	522.95	444.20	78.74	6.641		
8,500.00	6,840.00	6,768.55	6,766.40	79.18	1.94	89.30	2,231.68	-2,886.67	577.96	498.72	79.24	7.293		
8,600.00	6,840.00	6,767.25	6,765.09	81.34	1.94	89.14	2,231.68	-2,886.68	643.90	565.35	78.55	8.197		
8,700.00	6,840.00	6,765.92	6,763.77	83.54	1.94	88.97	2,231.68	-2,886.70	717.75	640.47	77.28	9.287		
8,800.00	6,840.00	6,764.59	6,762.43	85.76	1.94	88.80	2,231.67	-2,886.72	797.32	721.51	75.82	10.516		
8,900.00	6,840.00	6,763.24	6,761.08	88.02	1.94	88.63	2,231.67	-2,886.73	881.07	806.72	74.34	11.851		
9,000.00	6,840.00	6,761.87	6,759.72	90.30	1.94	88.46	2,231.67	-2,886.75	967.90	894.95	72.95	13.269		
9,100.00	6,840.00	6,760.49	6,758.34	92.60	1.94	88.29	2,231.66	-2,886.77	1,057.06	985.40	71.66	14.750		
9,200.00	6,840.00	6,759.10	6,756.94	94.93	1.94	88.12	2,231.66	-2,886.79	1,148.01	1,077.51	70.50	16.283		
9,300.00	6,840.00	6,757.68	6,755.53	97.28	1.94	87.94	2,231.66	-2,886.81	1,240.35	1,170.89	69.46	17.858		
9,400.00	6,840.00	6,756.25	6,754.10	99.65	1.94	87.76	2,231.65	-2,886.83	1,333.79	1,265.27	68.52	19.466		
9,500.00	6,840.00	6,754.81	6,752.65	102.03	1.93	87.58	2,231.65	-2,886.85	1,428.12	1,360.44	67.68	21.102		
9,600.00	6,840.00	6,753.35	6,751.19	104.43	1.93	87.40	2,231.65	-2,886.87	1,523.17	1,456.25	66.92	22.761		
9,700.00	6,840.00	6,751.87	6,749.71	106.85	1.93	87.21	2,231.64	-2,886.89	1,618.82	1,552.58	66.24	24.439		
9,800.00	6,840.00	6,750.37	6,748.22	109.29	1.93	87.03	2,231.64	-2,886.91	1,714.96	1,649.34	65.62	26.134		
9,900.00	6,840.00	6,748.86	6,746.71	111.73	1.93	86.84	2,231.64	-2,886.93	1,811.52	1,746.46	65.07	27.842		
10,000.00	6,840.00	6,747.33	6,745.17	114.19	1.93	86.65	2,231.63	-2,886.95	1,908.44	1,843.88	64.56	29.561		
10,100.00	6,840.00	6,745.78	6,743.62	116.66	1.93	86.45	2,231.63	-2,886.97	2,005.65	1,941.55	64.10	31.291		
10,200.00	6,840.00	6,744.21	6,742.06	119.15	1.93	86.26	2,231.63	-2,886.99	2,103.13	2,039.45	63.68	33.029		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,742.62	6,740.47	121.64	1.93	86.06	2,231.62	-2,887.01	2,200.83	2,137.54	63.29	34.774		
10,400.00	6,840.00	6,741.02	6,738.86	124.14	1.93	85.86	2,231.62	-2,887.04	2,298.72	2,235.79	62.94	36.525		
10,500.00	6,840.00	6,739.39	6,737.24	126.65	1.93	85.66	2,231.61	-2,887.06	2,396.79	2,334.18	62.61	38.281		
10,600.00	6,840.00	6,737.75	6,735.59	129.18	1.93	85.45	2,231.61	-2,887.08	2,495.02	2,432.71	62.31	40.042		
10,700.00	6,840.00	6,736.08	6,733.93	131.70	1.93	85.24	2,231.61	-2,887.11	2,593.37	2,531.34	62.03	41.807		
10,800.00	6,840.00	6,734.39	6,732.24	134.24	1.93	85.03	2,231.60	-2,887.13	2,691.85	2,630.08	61.77	43.575		
10,900.00	6,840.00	6,732.68	6,730.53	136.79	1.93	84.82	2,231.60	-2,887.16	2,790.44	2,728.90	61.54	45.346		
11,000.00	6,840.00	6,730.95	6,728.80	139.34	1.93	84.61	2,231.59	-2,887.18	2,889.12	2,827.80	61.32	47.119		
11,100.00	6,840.00	6,729.20	6,727.05	141.90	1.93	84.39	2,231.59	-2,887.21	2,987.89	2,926.78	61.11	48.894		
11,200.00	6,840.00	6,727.43	6,725.28	144.46	1.93	84.17	2,231.59	-2,887.24	3,086.73	3,025.81	60.92	50.671		
11,300.00	6,840.00	6,725.63	6,723.48	147.03	1.93	83.95	2,231.58	-2,887.26	3,185.65	3,124.91	60.74	52.448		
11,400.00	6,840.00	6,723.81	6,721.66	149.60	1.93	83.72	2,231.58	-2,887.29	3,284.63	3,224.06	60.57	54.227		
11,500.00	6,840.00	6,721.97	6,719.82	152.18	1.93	83.49	2,231.57	-2,887.32	3,383.67	3,323.26	60.42	56.006		
11,600.00	6,840.00	6,720.10	6,717.95	154.77	1.93	83.26	2,231.57	-2,887.35	3,482.77	3,422.50	60.27	57.786		
11,700.00	6,840.00	6,718.21	6,716.06	157.36	1.93	83.03	2,231.57	-2,887.38	3,581.91	3,521.78	60.13	59.566		
11,800.00	6,840.00	6,716.30	6,714.14	159.95	1.93	82.79	2,231.56	-2,887.41	3,681.10	3,621.10	60.01	61.345		
11,900.00	6,840.00	6,714.35	6,712.20	162.55	1.93	82.56	2,231.56	-2,887.44	3,780.34	3,720.45	59.89	63.125		
12,000.00	6,840.00	6,712.38	6,710.23	165.16	1.93	82.31	2,231.55	-2,887.47	3,879.61	3,819.83	59.77	64.904		
12,100.00	6,840.00	6,710.39	6,708.24	167.76	1.93	82.07	2,231.55	-2,887.50	3,978.91	3,919.24	59.67	66.683		
12,200.00	6,840.00	6,708.37	6,706.22	170.37	1.93	81.82	2,231.54	-2,887.53	4,078.25	4,018.68	59.57	68.461		
12,300.00	6,840.00	6,706.32	6,704.17	172.99	1.93	81.57	2,231.54	-2,887.56	4,177.62	4,118.15	59.48	70.239		
12,400.00	6,840.00	6,704.24	6,702.09	175.60	1.93	81.31	2,231.53	-2,887.60	4,277.02	4,217.63	59.39	72.015		
12,500.00	6,840.00	6,702.13	6,699.98	178.23	1.93	81.06	2,231.53	-2,887.63	4,376.45	4,317.14	59.31	73.791		
12,600.00	6,840.00	6,700.00	6,697.85	180.85	1.93	80.79	2,231.52	-2,887.67	4,475.90	4,416.67	59.23	75.565		
12,700.00	6,840.00	6,698.35	6,696.21	183.47	1.93	80.59	2,231.52	-2,887.69	4,575.37	4,516.21	59.16	77.336		
12,800.00	6,840.00	6,696.71	6,694.56	186.10	1.93	80.39	2,231.52	-2,887.72	4,674.87	4,615.77	59.10	79.106		
12,900.00	6,840.00	6,695.07	6,692.92	188.74	1.93	80.19	2,231.51	-2,887.75	4,774.38	4,715.35	59.04	80.874		
13,000.00	6,840.00	6,693.43	6,691.28	191.37	1.93	79.99	2,231.51	-2,887.77	4,873.92	4,814.94	58.98	82.640		
13,100.00	6,840.00	6,691.78	6,689.63	194.01	1.93	79.80	2,231.51	-2,887.80	4,973.47	4,914.55	58.92	84.405		
13,200.00	6,840.00	6,690.14	6,687.99	196.65	1.92	79.60	2,231.50	-2,887.83	5,073.04	5,014.17	58.87	86.167		
13,300.00	6,840.00	6,688.49	6,686.35	199.29	1.92	79.40	2,231.50	-2,887.85	5,172.63	5,113.80	58.83	87.928		
13,400.00	6,840.00	6,686.85	6,684.70	201.93	1.92	79.20	2,231.49	-2,887.88	5,272.23	5,213.45	58.79	89.687		
13,500.00	6,840.00	6,685.20	6,683.06	204.58	1.92	79.00	2,231.49	-2,887.91	5,371.85	5,313.10	58.75	91.443		
13,600.00	6,840.00	6,683.56	6,681.41	207.22	1.92	78.80	2,231.49	-2,887.94	5,471.48	5,412.77	58.71	93.198		
13,700.00	6,840.00	6,681.91	6,679.77	209.87	1.92	78.60	2,231.48	-2,887.96	5,571.12	5,512.45	58.67	94.950		
13,800.00	6,840.00	6,680.27	6,678.12	212.52	1.92	78.40	2,231.48	-2,887.99	5,670.77	5,612.13	58.64	96.700		
13,900.00	6,840.00	6,678.62	6,676.48	215.18	1.92	78.21	2,231.48	-2,888.02	5,770.44	5,711.83	58.61	98.448		
14,000.00	6,840.00	6,676.97	6,674.83	217.83	1.92	78.01	2,231.47	-2,888.04	5,870.12	5,811.53	58.59	100.193		
14,100.00	6,840.00	6,675.33	6,673.18	220.49	1.92	77.81	2,231.47	-2,888.07	5,969.80	5,911.24	58.56	101.936		
14,200.00	6,840.00	6,673.68	6,671.54	223.15	1.92	77.62	2,231.47	-2,888.10	6,069.50	6,010.96	58.54	103.676		
14,300.00	6,840.00	6,672.03	6,669.89	225.81	1.92	77.42	2,231.46	-2,888.13	6,169.21	6,110.68	58.52	105.414		
14,400.00	6,840.00	6,670.38	6,668.24	228.47	1.92	77.22	2,231.46	-2,888.15	6,268.92	6,210.42	58.51	107.149		
14,500.00	6,840.00	6,668.74	6,666.59	231.13	1.92	77.03	2,231.46	-2,888.18	6,368.65	6,310.15	58.49	108.881		
14,600.00	6,840.00	6,667.09	6,664.94	233.79	1.92	76.83	2,231.45	-2,888.21	6,468.38	6,409.90	58.48	110.611		
14,700.00	6,840.00	6,665.44	6,663.30	236.46	1.92	76.63	2,231.45	-2,888.23	6,568.12	6,509.65	58.47	112.337		
14,800.00	6,840.00	6,663.79	6,661.65	239.12	1.92	76.44	2,231.45	-2,888.26	6,667.86	6,609.41	58.46	114.061		
14,900.00	6,840.00	6,662.14	6,660.00	241.79	1.92	76.24	2,231.44	-2,888.29	6,767.62	6,709.17	58.45	115.782		
15,000.00	6,840.00	6,660.49	6,658.35	244.46	1.92	76.05	2,231.44	-2,888.32	6,867.38	6,808.93	58.45	117.501		
15,100.00	6,840.00	6,658.84	6,656.70	247.13	1.92	75.85	2,231.44	-2,888.34	6,967.15	6,908.71	58.44	119.216		
15,200.00	6,840.00	6,657.19	6,655.05	249.80	1.92	75.66	2,231.43	-2,888.37	7,066.92	7,008.48	58.44	120.928		
15,300.00	6,840.00	6,655.54	6,653.40	252.47	1.92	75.47	2,231.43	-2,888.40	7,166.70	7,108.26	58.44	122.637		
15,400.00	6,840.00	6,653.89	6,651.75	255.15	1.92	75.27	2,231.43	-2,888.42	7,266.49	7,208.05	58.44	124.344		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,652.24	6,650.09	257.82	1.92	75.08	2,231.43	-2,888.45	7,366.28	7,307.83	58.44	126.047	
15,600.00	6,840.00	6,650.58	6,648.44	260.50	1.92	74.89	2,231.42	-2,888.48	7,466.07	7,407.63	58.44	127.746	
15,700.00	6,840.00	6,648.93	6,646.79	263.17	1.92	74.69	2,231.42	-2,888.51	7,565.87	7,507.42	58.45	129.443	
15,800.00	6,840.00	6,647.28	6,645.14	265.85	1.92	74.50	2,231.42	-2,888.53	7,665.68	7,607.22	58.46	131.137	
15,900.00	6,840.00	6,645.63	6,643.49	268.53	1.92	74.31	2,231.41	-2,888.56	7,765.49	7,707.03	58.46	132.827	
16,000.00	6,840.00	6,643.97	6,641.83	271.20	1.92	74.12	2,231.41	-2,888.59	7,865.30	7,806.83	58.47	134.514	
16,100.00	6,840.00	6,642.32	6,640.18	273.88	1.92	73.93	2,231.41	-2,888.61	7,965.12	7,906.64	58.48	136.197	
16,200.00	6,840.00	6,640.67	6,638.53	276.56	1.92	73.73	2,231.40	-2,888.64	8,064.95	8,006.45	58.49	137.877	
16,300.00	6,840.00	6,639.01	6,636.87	279.25	1.92	73.54	2,231.40	-2,888.67	8,164.77	8,106.27	58.51	139.554	
16,400.00	6,840.00	6,637.36	6,635.22	281.93	1.92	73.35	2,231.40	-2,888.70	8,264.60	8,206.08	58.52	141.227	
16,500.00	6,840.00	6,635.70	6,633.56	284.61	1.92	73.16	2,231.40	-2,888.72	8,364.44	8,305.90	58.53	142.897	
16,600.00	6,840.00	6,634.05	6,631.91	287.29	1.92	72.97	2,231.39	-2,888.75	8,464.28	8,405.73	58.55	144.563	
16,700.00	6,840.00	6,632.39	6,630.25	289.98	1.92	72.78	2,231.39	-2,888.78	8,564.12	8,505.55	58.57	146.226	
16,800.00	6,840.00	6,630.74	6,628.60	292.66	1.92	72.59	2,231.39	-2,888.81	8,663.96	8,605.38	58.59	147.885	
16,900.00	6,840.00	6,629.08	6,626.94	295.35	1.92	72.41	2,231.38	-2,888.83	8,763.81	8,705.21	58.60	149.541	
17,000.00	6,840.00	6,627.42	6,625.29	298.03	1.91	72.22	2,231.38	-2,888.86	8,863.66	8,805.04	58.62	151.193	
17,100.00	6,840.00	6,625.77	6,623.63	300.72	1.91	72.03	2,231.38	-2,888.89	8,963.52	8,904.87	58.65	152.841	
17,200.00	6,840.00	6,624.11	6,621.97	303.41	1.91	71.84	2,231.38	-2,888.91	9,063.38	9,004.71	58.67	154.486	
17,300.00	6,840.00	6,622.45	6,620.32	306.09	1.91	71.65	2,231.37	-2,888.94	9,163.24	9,104.55	58.69	156.127	
17,400.00	6,840.00	6,620.80	6,618.66	308.78	1.91	71.47	2,231.37	-2,888.97	9,263.10	9,204.38	58.71	157.764	
17,500.00	6,840.00	6,619.14	6,617.00	311.47	1.91	71.28	2,231.37	-2,889.00	9,362.97	9,304.23	58.74	159.398	
17,600.00	6,840.00	6,617.48	6,615.34	314.16	1.91	71.09	2,231.37	-2,889.02	9,462.83	9,404.07	58.77	161.028	
17,700.00	6,840.00	6,615.82	6,613.68	316.85	1.91	70.91	2,231.36	-2,889.05	9,562.70	9,503.91	58.79	162.654	
17,800.00	6,840.00	6,614.16	6,612.03	319.54	1.91	70.72	2,231.36	-2,889.08	9,662.58	9,603.76	58.82	164.276	
17,900.00	6,840.00	6,612.50	6,610.37	322.23	1.91	70.54	2,231.36	-2,889.11	9,762.45	9,703.60	58.85	165.894	
18,000.00	6,840.00	6,610.84	6,608.71	324.92	1.91	70.35	2,231.35	-2,889.13	9,862.33	9,803.45	58.88	167.508	
18,100.00	6,840.00	6,609.18	6,607.05	327.62	1.91	70.17	2,231.35	-2,889.16	9,962.21	9,903.30	58.91	169.119	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-71.44	962.65	-2,866.95	3,025.06					
100.00	100.00	23.05	23.05	0.13	0.02	-71.44	962.65	-2,866.98	3,024.28	3,024.13	0.16	N/A		
200.00	200.00	100.00	100.00	0.49	0.10	-71.44	962.63	-2,867.48	3,024.90	3,024.31	0.59	5,138.278		
300.00	300.00	210.46	210.46	0.85	0.25	-71.45	962.72	-2,868.41	3,025.72	3,024.62	1.10	2,755.557		
400.00	400.00	311.06	311.06	1.21	0.33	-71.45	962.85	-2,869.05	3,026.36	3,024.83	1.54	1,969.186		
500.00	499.98	410.69	410.67	1.57	0.40	-22.21	962.91	-2,869.71	3,025.40	3,023.44	1.96	1,542.788		
600.00	599.84	518.89	518.88	1.93	0.45	-22.29	962.67	-2,870.31	3,021.01	3,018.63	2.38	1,271.503		
700.00	699.45	612.56	612.55	2.29	0.51	-22.42	962.39	-2,870.86	3,013.40	3,010.62	2.79	1,081.824		
800.00	798.70	706.35	706.33	2.67	0.55	-22.59	962.30	-2,871.54	3,002.78	2,999.59	3.20	939.267		
900.00	897.47	796.77	796.75	3.07	0.60	-22.81	962.23	-2,872.41	2,989.21	2,985.60	3.61	827.905		
1,000.00	995.62	892.34	892.32	3.50	0.65	-23.09	962.02	-2,873.56	2,972.65	2,968.62	4.03	737.520		
1,100.00	1,093.06	994.60	994.56	3.97	0.69	-23.44	961.59	-2,874.83	2,952.94	2,948.48	4.46	662.319		
1,200.00	1,189.64	1,091.95	1,091.91	4.47	0.74	-23.85	961.10	-2,875.96	2,930.03	2,925.14	4.89	598.997		
1,300.00	1,285.27	1,183.59	1,183.54	5.01	0.78	-24.30	960.66	-2,877.07	2,904.13	2,898.80	5.33	544.601		
1,400.00	1,379.82	1,266.86	1,266.79	5.61	0.81	-24.80	960.25	-2,878.31	2,875.47	2,869.69	5.78	497.176		
1,500.00	1,473.17	1,354.78	1,354.70	6.25	0.85	-25.38	959.98	-2,879.91	2,844.21	2,837.96	6.25	454.913		
1,600.00	1,565.21	1,446.04	1,445.95	6.96	0.89	-26.04	959.85	-2,881.59	2,810.13	2,803.39	6.74	416.953		
1,700.00	1,656.01	1,535.72	1,535.61	7.72	0.93	-26.60	959.69	-2,883.31	2,773.60	2,766.36	7.25	382.804		
1,800.00	1,746.60	1,626.02	1,625.89	8.50	0.96	-27.00	959.61	-2,885.06	2,736.84	2,729.08	7.76	352.789		
1,900.00	1,837.19	1,717.33	1,717.19	9.30	1.00	-27.41	959.62	-2,886.80	2,700.19	2,691.90	8.28	325.974		
2,000.00	1,927.79	1,804.94	1,804.78	10.12	1.03	-27.80	960.04	-2,888.44	2,663.75	2,654.93	8.82	301.998		
2,100.00	2,018.38	1,903.96	1,903.78	10.93	1.07	-28.25	961.05	-2,890.07	2,627.35	2,617.98	9.37	280.461		
2,200.00	2,108.97	1,989.98	1,989.78	11.76	1.09	-28.64	962.18	-2,891.38	2,591.05	2,581.13	9.93	261.045		
2,300.00	2,199.56	2,080.53	2,080.32	12.59	1.12	-29.06	963.57	-2,892.83	2,554.99	2,544.49	10.49	243.505		
2,400.00	2,290.15	2,174.02	2,173.77	13.43	1.15	-29.50	965.24	-2,894.25	2,519.03	2,507.97	11.07	227.632		
2,500.00	2,380.75	2,268.70	2,268.42	14.26	1.18	-29.94	967.34	-2,895.48	2,483.11	2,471.46	11.65	213.200		
2,600.00	2,471.34	2,362.29	2,361.97	15.11	1.20	-30.38	970.04	-2,896.45	2,447.21	2,434.98	12.23	200.049		
2,700.00	2,561.93	2,467.81	2,467.44	15.95	1.23	-30.88	973.36	-2,897.24	2,411.24	2,398.42	12.82	188.113		
2,800.00	2,652.52	2,577.20	2,576.77	16.80	1.25	-31.41	976.85	-2,897.18	2,374.67	2,361.27	13.40	177.185		
2,900.00	2,743.12	2,674.84	2,674.35	17.64	1.27	-31.89	980.08	-2,896.58	2,337.75	2,323.76	14.00	167.001		
3,000.00	2,833.71	2,772.65	2,772.11	18.49	1.29	-32.39	983.20	-2,895.77	2,300.77	2,286.17	14.60	157.573		
3,100.00	2,924.30	2,866.69	2,866.11	19.35	1.30	-32.90	985.89	-2,894.81	2,263.70	2,248.48	15.22	148.769		
3,200.00	3,014.89	2,955.91	2,955.28	20.20	1.32	-33.39	988.48	-2,893.88	2,226.76	2,210.91	15.85	140.527		
3,300.00	3,105.48	3,041.42	3,040.76	21.05	1.33	-33.89	990.64	-2,893.18	2,190.13	2,173.64	16.49	132.796		
3,400.00	3,196.08	3,127.76	3,127.08	21.91	1.35	-34.42	992.57	-2,892.78	2,153.96	2,136.81	17.15	125.582		
3,500.00	3,286.67	3,221.62	3,220.93	22.76	1.37	-35.02	994.28	-2,892.43	2,118.00	2,100.18	17.82	118.883		
3,600.00	3,377.26	3,316.53	3,315.83	23.62	1.39	-35.66	995.59	-2,891.89	2,082.02	2,063.53	18.49	112.602		
3,700.00	3,467.85	3,398.24	3,397.53	24.47	1.40	-36.24	996.51	-2,891.60	2,046.44	2,027.24	19.20	106.603		
3,800.00	3,558.45	3,486.30	3,485.59	25.33	1.43	-36.89	997.27	-2,891.59	2,011.37	1,991.45	19.92	100.995		
3,900.00	3,649.04	3,576.59	3,575.87	26.19	1.45	-37.58	997.93	-2,891.66	1,976.64	1,955.99	20.65	95.729		
4,000.00	3,739.63	3,666.56	3,665.84	27.05	1.47	-38.28	998.78	-2,891.73	1,942.22	1,920.82	21.40	90.777		
4,100.00	3,830.22	3,761.12	3,760.39	27.90	1.50	-39.03	1,000.01	-2,891.76	1,908.06	1,885.91	22.15	86.148		
4,200.00	3,920.81	3,848.89	3,848.15	28.76	1.52	-39.75	1,001.29	-2,891.64	1,874.06	1,851.13	22.93	81.740		
4,300.00	4,011.41	3,936.19	3,935.44	29.62	1.54	-40.49	1,002.66	-2,891.85	1,840.72	1,816.99	23.72	77.588		
4,400.00	4,102.00	4,029.89	4,029.13	30.48	1.57	-41.31	1,004.17	-2,891.96	1,807.59	1,783.06	24.53	73.692		
4,500.00	4,192.59	4,118.16	4,117.39	31.34	1.60	-42.11	1,005.41	-2,892.13	1,774.87	1,749.51	25.36	69.979		
4,600.00	4,283.18	4,208.02	4,207.24	32.20	1.62	-42.95	1,006.66	-2,892.39	1,742.62	1,716.41	26.21	66.476		
4,700.00	4,373.78	4,284.90	4,284.11	33.06	1.65	-43.69	1,007.91	-2,892.99	1,711.20	1,684.09	27.11	63.122		
4,800.00	4,464.37	4,373.69	4,372.87	33.92	1.67	-44.57	1,009.51	-2,894.15	1,680.65	1,652.64	28.00	60.013		
4,900.00	4,554.96	4,461.39	4,460.55	34.78	1.70	-45.46	1,011.03	-2,895.37	1,650.62	1,621.69	28.92	57.067		
5,000.00	4,645.55	4,548.79	4,547.93	35.64	1.73	-46.38	1,012.40	-2,896.84	1,621.30	1,591.43	29.87	54.282		
5,100.00	4,736.14	4,635.04	4,634.16	36.51	1.76	-47.34	1,013.41	-2,898.47	1,592.69	1,561.85	30.84	51.644		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,719.60	4,718.69	37.37	1.78	-48.31	1,013.97	-2,900.42	1,565.00	1,533.16	31.84	49.149		
5,300.00	4,917.33	4,808.02	4,807.09	38.23	1.81	-49.38	1,014.20	-2,902.70	1,538.16	1,505.30	32.86	46.803		
5,400.00	5,007.92	4,900.41	4,899.44	39.09	1.83	-50.54	1,014.13	-2,905.09	1,511.99	1,478.08	33.91	44.591		
5,500.00	5,098.51	4,995.46	4,994.47	39.95	1.86	-51.77	1,013.94	-2,907.39	1,486.32	1,451.35	34.97	42.500		
5,600.00	5,189.11	5,087.43	5,086.42	40.81	1.88	-53.00	1,013.74	-2,909.46	1,461.20	1,425.13	36.06	40.517		
5,700.00	5,279.70	5,181.01	5,179.97	41.68	1.90	-54.30	1,013.50	-2,911.47	1,436.72	1,399.55	37.18	38.646		
5,800.00	5,370.29	5,272.49	5,271.43	42.54	1.93	-55.60	1,013.36	-2,913.35	1,412.90	1,374.59	38.31	36.879		
5,900.00	5,460.88	5,365.48	5,364.40	43.40	1.95	-56.96	1,013.47	-2,915.28	1,389.86	1,350.39	39.46	35.219		
6,000.00	5,551.47	5,455.99	5,454.89	44.26	1.98	-58.30	1,014.01	-2,917.18	1,367.54	1,326.91	40.63	33.657		
6,100.00	5,642.07	5,548.59	5,547.46	45.13	2.01	-59.69	1,014.89	-2,919.33	1,346.17	1,304.37	41.81	32.199		
6,200.00	5,732.66	5,653.18	5,652.01	45.99	2.04	-61.28	1,016.95	-2,921.58	1,325.26	1,282.30	42.97	30.845		
6,300.00	5,823.25	5,766.51	5,765.27	46.85	2.08	-63.02	1,020.38	-2,922.69	1,303.87	1,259.77	44.10	29.564		
6,400.00	5,913.84	5,879.58	5,878.26	47.72	2.10	-64.81	1,024.66	-2,922.12	1,281.83	1,236.59	45.24	28.334		
6,500.00	6,004.44	5,987.82	5,986.40	48.58	2.12	-66.63	1,028.65	-2,919.72	1,259.31	1,212.91	46.40	27.139		
6,600.00	6,095.03	6,089.77	6,088.22	49.44	2.12	-68.44	1,032.02	-2,916.03	1,236.78	1,189.18	47.60	25.982		
6,700.00	6,185.62	6,168.57	6,166.94	50.30	2.13	-69.91	1,034.08	-2,912.84	1,215.31	1,166.43	48.88	24.863		
6,800.00	6,276.21	6,253.54	6,251.84	51.17	2.13	-71.55	1,035.69	-2,909.98	1,195.88	1,145.73	50.15	23.847		
6,900.00	6,366.80	6,345.77	6,344.00	52.03	2.14	-73.39	1,037.35	-2,906.79	1,177.74	1,126.34	51.40	22.914		
7,000.00	6,457.40	6,434.59	6,432.74	52.89	2.14	-75.22	1,038.55	-2,903.30	1,160.80	1,108.14	52.66	22.045		
7,100.00	6,545.60	6,514.78	6,512.87	53.85	2.14	-68.10	1,038.99	-2,900.15	1,140.25	1,086.24	54.01	21.110		
7,200.00	6,626.13	6,587.56	6,585.60	55.05	2.13	-65.52	1,038.66	-2,897.25	1,108.60	1,053.00	55.60	19.940		
7,300.00	6,696.49	6,647.74	6,645.73	56.46	2.13	-66.72	1,037.93	-2,894.93	1,067.75	1,010.37	57.38	18.609		
7,400.00	6,754.56	6,696.74	6,694.69	58.05	2.13	-70.52	1,037.16	-2,893.32	1,020.12	960.82	59.31	17.201		
7,500.00	6,798.57	6,736.34	6,734.27	59.78	2.12	-76.19	1,036.47	-2,892.16	968.19	906.88	61.31	15.791		
7,600.00	6,827.18	6,761.37	6,759.28	61.58	2.12	-82.55	1,036.02	-2,891.45	914.70	851.41	63.29	14.452		
7,700.00	6,839.51	6,770.64	6,768.55	63.39	2.12	-88.57	1,035.85	-2,891.19	862.50	797.41	65.09	13.250		
7,800.00	6,840.00	6,768.40	6,766.31	65.19	2.12	-89.71	1,035.89	-2,891.25	815.37	748.81	66.56	12.250		
7,900.00	6,840.00	6,765.67	6,763.58	67.04	2.12	-89.50	1,035.94	-2,891.33	778.15	710.58	67.57	11.516		
8,000.00	6,840.00	6,762.93	6,760.84	68.95	2.12	-89.29	1,035.99	-2,891.40	752.46	684.55	67.91	11.081		
8,100.00	6,840.00	6,760.16	6,758.08	70.91	2.12	-89.07	1,036.04	-2,891.48	739.49	672.10	67.40	10.972 SF		
8,146.79	6,840.00	6,758.86	6,756.78	71.84	2.12	-88.97	1,036.06	-2,891.52	738.01	671.16	66.85	11.040 CC, ES		
8,200.00	6,840.00	6,757.38	6,755.30	72.91	2.12	-88.86	1,036.09	-2,891.56	739.93	673.95	65.98	11.214		
8,300.00	6,840.00	6,754.58	6,752.50	74.96	2.12	-88.64	1,036.14	-2,891.64	753.74	689.98	63.76	11.822		
8,400.00	6,840.00	6,751.76	6,749.68	77.05	2.12	-88.42	1,036.19	-2,891.72	780.21	719.26	60.95	12.800		
8,500.00	6,840.00	6,748.93	6,746.85	79.18	2.12	-88.20	1,036.24	-2,891.80	818.12	760.27	57.85	14.142		
8,600.00	6,840.00	6,746.07	6,743.99	81.34	2.12	-87.98	1,036.29	-2,891.88	865.97	811.26	54.71	15.829		
8,700.00	6,840.00	6,743.20	6,741.12	83.54	2.12	-87.76	1,036.35	-2,891.96	922.20	870.48	51.72	17.830		
8,800.00	6,840.00	6,740.31	6,738.23	85.76	2.12	-87.53	1,036.40	-2,892.04	985.40	936.39	49.01	20.107		
8,900.00	6,840.00	6,737.40	6,735.32	88.02	2.12	-87.31	1,036.45	-2,892.13	1,054.29	1,007.68	46.61	22.618		
9,000.00	6,840.00	6,734.47	6,732.39	90.30	2.12	-87.08	1,036.50	-2,892.21	1,127.85	1,083.30	44.55	25.315		
9,100.00	6,840.00	6,731.52	6,729.45	92.60	2.12	-86.85	1,036.55	-2,892.29	1,205.21	1,162.41	42.80	28.157		
9,200.00	6,840.00	6,728.55	6,726.48	94.93	2.12	-86.62	1,036.61	-2,892.38	1,285.70	1,244.36	41.34	31.104		
9,300.00	6,840.00	6,725.56	6,723.49	97.28	2.12	-86.39	1,036.66	-2,892.47	1,368.75	1,328.64	40.11	34.122		
9,400.00	6,840.00	6,722.55	6,720.48	99.65	2.12	-86.16	1,036.71	-2,892.55	1,453.93	1,414.83	39.10	37.184		
9,500.00	6,840.00	6,719.52	6,717.45	102.03	2.12	-85.92	1,036.76	-2,892.64	1,540.89	1,502.62	38.27	40.268		
9,600.00	6,840.00	6,716.47	6,714.40	104.43	2.12	-85.69	1,036.82	-2,892.73	1,629.34	1,591.76	37.58	43.358		
9,700.00	6,840.00	6,714.63	6,712.57	106.85	2.12	-85.55	1,036.84	-2,892.79	1,719.05	1,682.02	37.03	46.425		
9,800.00	6,840.00	6,711.36	6,709.30	109.29	2.13	-85.29	1,036.90	-2,892.89	1,809.83	1,773.27	36.56	49.497		
9,900.00	6,840.00	6,708.00	6,705.94	111.73	2.13	-85.03	1,036.96	-2,892.98	1,901.54	1,865.36	36.19	52.550		
10,000.00	6,840.00	6,704.55	6,702.50	114.19	2.13	-84.77	1,037.03	-2,893.09	1,994.04	1,958.16	35.88	55.581		
10,100.00	6,840.00	6,701.02	6,698.97	116.66	2.13	-84.49	1,037.09	-2,893.19	2,087.23	2,051.60	35.62	58.589		
10,200.00	6,840.00	6,697.39	6,695.34	119.15	2.13	-84.21	1,037.15	-2,893.30	2,181.01	2,145.59	35.42	61.573		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,693.67	6,691.62	121.64	2.13	-83.93	1,037.21	-2,893.41	2,275.32	2,240.06	35.26	64.533		
10,400.00	6,840.00	6,689.85	6,687.80	124.14	2.13	-83.63	1,037.28	-2,893.53	2,370.09	2,334.96	35.13	67.470		
10,500.00	6,840.00	6,685.92	6,683.88	126.65	2.13	-83.33	1,037.34	-2,893.65	2,465.27	2,430.24	35.03	70.384		
10,600.00	6,840.00	6,681.89	6,679.85	129.18	2.13	-83.02	1,037.41	-2,893.78	2,560.81	2,525.86	34.95	73.276		
10,700.00	6,840.00	6,677.74	6,675.71	131.70	2.13	-82.70	1,037.47	-2,893.91	2,656.68	2,621.79	34.89	76.148		
10,800.00	6,840.00	6,673.48	6,671.44	134.24	2.13	-82.38	1,037.54	-2,894.05	2,752.83	2,717.99	34.85	79.001		
10,900.00	6,840.00	6,669.09	6,667.06	136.79	2.13	-82.04	1,037.61	-2,894.20	2,849.25	2,814.43	34.82	81.836		
11,000.00	6,840.00	6,664.58	6,662.55	139.34	2.13	-81.70	1,037.68	-2,894.35	2,945.89	2,911.09	34.80	84.654		
11,100.00	6,840.00	6,659.93	6,657.91	141.90	2.13	-81.34	1,037.75	-2,894.51	3,042.75	3,007.96	34.79	87.456		
11,200.00	6,840.00	6,655.14	6,653.12	144.46	2.13	-80.98	1,037.82	-2,894.67	3,139.81	3,105.01	34.79	90.243		
11,300.00	6,840.00	6,650.21	6,648.19	147.03	2.13	-80.60	1,037.89	-2,894.84	3,237.03	3,202.23	34.80	93.017		
11,400.00	6,840.00	6,645.12	6,643.11	149.60	2.13	-80.22	1,037.96	-2,895.02	3,334.42	3,299.60	34.81	95.777		
11,500.00	6,840.00	6,639.88	6,637.87	152.18	2.13	-79.82	1,038.04	-2,895.21	3,431.95	3,397.11	34.83	98.525		
11,600.00	6,840.00	6,634.46	6,632.46	154.77	2.13	-79.41	1,038.11	-2,895.41	3,529.61	3,494.75	34.86	101.262		
11,700.00	6,840.00	6,628.87	6,626.87	157.36	2.13	-78.99	1,038.18	-2,895.62	3,627.39	3,592.51	34.88	103.989		
11,800.00	6,840.00	6,623.10	6,621.10	159.95	2.13	-78.56	1,038.26	-2,895.84	3,725.29	3,690.38	34.91	106.705		
11,900.00	6,840.00	6,617.13	6,615.14	162.55	2.13	-78.11	1,038.33	-2,896.07	3,823.29	3,788.34	34.94	109.412		
12,000.00	6,840.00	6,610.96	6,608.97	165.16	2.13	-77.65	1,038.41	-2,896.31	3,921.38	3,886.40	34.98	112.111		
12,100.00	6,840.00	6,604.57	6,602.59	167.76	2.13	-77.18	1,038.48	-2,896.56	4,019.56	3,984.55	35.01	114.801		
12,200.00	6,840.00	6,598.95	6,596.97	170.37	2.13	-76.76	1,038.55	-2,896.79	4,117.83	4,082.77	35.06	117.464		
12,300.00	6,840.00	6,595.51	6,593.54	172.99	2.13	-76.51	1,038.58	-2,896.93	4,216.17	4,181.05	35.11	120.071		
12,400.00	6,840.00	6,592.08	6,590.11	175.60	2.13	-76.25	1,038.62	-2,897.07	4,314.58	4,279.41	35.17	122.667		
12,500.00	6,840.00	6,588.66	6,586.69	178.23	2.13	-76.00	1,038.65	-2,897.21	4,413.06	4,377.83	35.23	125.251		
12,600.00	6,840.00	6,585.26	6,583.29	180.85	2.13	-75.75	1,038.69	-2,897.35	4,511.61	4,476.31	35.30	127.823		
12,700.00	6,840.00	6,581.86	6,579.90	183.47	2.13	-75.50	1,038.72	-2,897.48	4,610.21	4,574.85	35.36	130.384		
12,800.00	6,840.00	6,578.47	6,576.51	186.10	2.13	-75.26	1,038.75	-2,897.62	4,708.87	4,673.45	35.42	132.933		
12,900.00	6,840.00	6,575.10	6,573.14	188.74	2.13	-75.01	1,038.77	-2,897.76	4,807.59	4,772.10	35.49	135.471		
13,000.00	6,840.00	6,571.74	6,569.78	191.37	2.13	-74.77	1,038.80	-2,897.89	4,906.35	4,870.80	35.55	137.997		
13,100.00	6,840.00	6,568.38	6,566.43	194.01	2.14	-74.52	1,038.82	-2,898.03	5,005.16	4,969.54	35.62	140.513		
13,200.00	6,840.00	6,565.04	6,563.09	196.65	2.14	-74.28	1,038.84	-2,898.16	5,104.01	5,068.33	35.69	143.018		
13,300.00	6,840.00	6,561.71	6,559.77	199.29	2.14	-74.04	1,038.87	-2,898.29	5,202.91	5,167.15	35.76	145.512		
13,400.00	6,840.00	6,558.39	6,556.45	201.93	2.14	-73.80	1,038.88	-2,898.43	5,301.84	5,266.02	35.82	147.995		
13,500.00	6,840.00	6,555.08	6,553.14	204.58	2.14	-73.56	1,038.90	-2,898.56	5,400.81	5,364.92	35.89	150.468		
13,600.00	6,840.00	6,551.78	6,549.84	207.22	2.14	-73.33	1,038.92	-2,898.69	5,499.82	5,463.85	35.96	152.929		
13,700.00	6,840.00	6,548.49	6,546.56	209.87	2.14	-73.09	1,038.93	-2,898.82	5,598.85	5,562.82	36.03	155.381		
13,800.00	6,840.00	6,545.22	6,543.28	212.52	2.14	-72.86	1,038.94	-2,898.95	5,697.92	5,661.82	36.10	157.821		
13,900.00	6,840.00	6,541.95	6,540.02	215.18	2.14	-72.63	1,038.95	-2,899.08	5,797.02	5,760.85	36.17	160.251		
14,000.00	6,840.00	6,538.69	6,536.76	217.83	2.14	-72.39	1,038.96	-2,899.21	5,896.15	5,859.90	36.25	162.671		
14,100.00	6,840.00	6,535.44	6,533.52	220.49	2.14	-72.17	1,038.97	-2,899.34	5,995.31	5,958.99	36.32	165.080		
14,200.00	6,840.00	6,532.21	6,530.28	223.15	2.14	-71.94	1,038.98	-2,899.47	6,094.48	6,058.10	36.39	167.478		
14,300.00	6,840.00	6,528.98	6,527.06	225.81	2.14	-71.71	1,038.98	-2,899.59	6,193.69	6,157.23	36.46	169.866		
14,400.00	6,840.00	6,525.76	6,523.85	228.47	2.14	-71.48	1,038.99	-2,899.72	6,292.92	6,256.38	36.53	172.244		
14,500.00	6,840.00	6,522.56	6,520.64	231.13	2.14	-71.26	1,038.99	-2,899.84	6,392.17	6,355.56	36.61	174.611		
14,600.00	6,840.00	6,519.36	6,517.45	233.79	2.14	-71.04	1,038.99	-2,899.97	6,491.44	6,454.75	36.68	176.967		
14,700.00	6,840.00	6,516.18	6,514.27	236.46	2.14	-70.82	1,038.99	-2,900.09	6,590.73	6,553.97	36.76	179.314		
14,800.00	6,840.00	6,513.00	6,511.09	239.12	2.14	-70.60	1,038.99	-2,900.22	6,690.04	6,653.21	36.83	181.649		
14,900.00	6,840.00	6,509.83	6,507.93	241.79	2.14	-70.38	1,038.98	-2,900.34	6,789.37	6,752.46	36.90	183.974		
15,000.00	6,840.00	6,508.56	6,506.66	244.46	2.14	-70.29	1,038.98	-2,900.39	6,888.71	6,851.72	36.99	186.250		
15,100.00	6,840.00	6,504.54	6,502.64	247.13	2.14	-70.01	1,038.98	-2,900.55	6,988.07	6,951.02	37.06	188.572		
15,200.00	6,840.00	6,500.51	6,498.61	249.80	2.14	-69.73	1,038.97	-2,900.71	7,087.45	7,050.32	37.13	190.885		
15,300.00	6,840.00	6,496.46	6,494.57	252.47	2.14	-69.46	1,038.95	-2,900.86	7,186.85	7,149.65	37.20	193.188		
15,400.00	6,840.00	6,492.40	6,490.51	255.15	2.14	-69.18	1,038.94	-2,901.02	7,286.26	7,248.98	37.27	195.480		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,488.32	6,486.43	257.82	2.14	-68.91	1,038.92	-2,901.18	7,385.68	7,348.33	37.35	197.763		
15,600.00	6,840.00	6,484.23	6,482.34	260.50	2.14	-68.63	1,038.91	-2,901.34	7,485.11	7,447.70	37.42	200.036		
15,700.00	6,840.00	6,480.12	6,478.24	263.17	2.14	-68.35	1,038.89	-2,901.50	7,584.56	7,547.07	37.49	202.298		
15,800.00	6,840.00	6,476.00	6,474.12	265.85	2.14	-68.08	1,038.87	-2,901.66	7,684.02	7,646.46	37.57	204.551		
15,900.00	6,840.00	6,471.87	6,469.99	268.53	2.14	-67.80	1,038.84	-2,901.82	7,783.50	7,745.86	37.64	206.794		
16,000.00	6,840.00	6,467.72	6,465.85	271.20	2.14	-67.52	1,038.82	-2,901.99	7,882.98	7,845.27	37.71	209.027		
16,100.00	6,840.00	6,463.55	6,461.69	273.88	2.14	-67.25	1,038.79	-2,902.15	7,982.48	7,944.69	37.79	211.249		
16,200.00	6,840.00	6,459.38	6,457.51	276.56	2.14	-66.97	1,038.76	-2,902.32	8,081.98	8,044.12	37.86	213.462		
16,300.00	6,840.00	6,455.18	6,453.32	279.25	2.14	-66.70	1,038.73	-2,902.48	8,181.50	8,143.56	37.94	215.665		
16,400.00	6,840.00	6,450.97	6,449.11	281.93	2.14	-66.42	1,038.70	-2,902.65	8,281.02	8,243.01	38.01	217.857		
16,500.00	6,840.00	6,446.75	6,444.89	284.61	2.14	-66.15	1,038.67	-2,902.82	8,380.56	8,342.47	38.09	220.040		
16,600.00	6,840.00	6,442.51	6,440.65	287.29	2.14	-65.87	1,038.63	-2,902.99	8,480.10	8,441.94	38.16	222.212		
16,700.00	6,840.00	6,438.25	6,436.40	289.98	2.14	-65.60	1,038.59	-2,903.15	8,579.65	8,541.41	38.24	224.374		
16,800.00	6,840.00	6,433.98	6,432.13	292.66	2.14	-65.33	1,038.55	-2,903.33	8,679.21	8,640.90	38.31	226.527		
16,900.00	6,840.00	6,429.69	6,427.85	295.35	2.14	-65.05	1,038.51	-2,903.50	8,778.78	8,740.39	38.39	228.669		
17,000.00	6,840.00	6,425.39	6,423.55	298.03	2.14	-64.78	1,038.46	-2,903.67	8,878.35	8,839.89	38.47	230.801		
17,100.00	6,840.00	6,421.07	6,419.24	300.72	2.14	-64.51	1,038.41	-2,903.84	8,977.94	8,939.39	38.54	232.923		
17,200.00	6,840.00	6,416.74	6,414.91	303.41	2.14	-64.23	1,038.36	-2,904.02	9,077.53	9,038.91	38.62	235.035		
17,300.00	6,840.00	6,412.39	6,410.57	306.09	2.14	-63.96	1,038.31	-2,904.19	9,177.13	9,138.43	38.70	237.137		
17,400.00	6,840.00	6,408.03	6,406.20	308.78	2.14	-63.69	1,038.26	-2,904.37	9,276.73	9,237.95	38.78	239.229		
17,500.00	6,840.00	6,403.65	6,401.83	311.47	2.14	-63.42	1,038.20	-2,904.55	9,376.34	9,337.49	38.86	241.310		
17,600.00	6,840.00	6,400.00	6,398.18	314.16	2.14	-63.19	1,038.15	-2,904.69	9,475.96	9,437.02	38.94	243.367		
17,700.00	6,840.00	6,400.00	6,398.18	316.85	2.14	-63.19	1,038.15	-2,904.69	9,575.58	9,536.55	39.03	245.337		
17,800.00	6,840.00	6,400.00	6,398.18	319.54	2.14	-63.19	1,038.15	-2,904.69	9,675.22	9,636.09	39.12	247.297		
17,900.00	6,840.00	6,400.00	6,398.18	322.23	2.14	-63.19	1,038.15	-2,904.69	9,774.86	9,735.64	39.22	249.247		
18,000.00	6,840.00	6,400.00	6,398.18	324.92	2.14	-63.19	1,038.15	-2,904.69	9,874.50	9,835.19	39.31	251.187		
18,100.00	6,840.00	6,400.00	6,398.18	327.62	2.14	-63.19	1,038.15	-2,904.69	9,974.16	9,934.75	39.41	253.116		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-76.37	1,024.05	-4,221.73	4,345.05					
100.00	100.00	12.00	12.00	0.13	0.09	-76.37	1,024.05	-4,221.73	4,344.16	4,343.93	0.23	N/A		
200.00	200.00	112.00	112.00	0.49	0.99	-76.37	1,024.05	-4,221.73	4,344.16	4,342.67	1.49	2,919.978		
300.00	300.00	212.00	212.00	0.85	2.74	-76.37	1,024.05	-4,221.73	4,344.16	4,340.57	3.59	1,209.554		
400.00	400.00	312.00	312.00	1.21	4.49	-76.37	1,024.05	-4,221.73	4,344.16	4,338.46	5.70	762.757		
500.00	499.98	411.98	411.98	1.57	6.23	-27.13	1,024.05	-4,221.73	4,342.61	4,334.81	7.80	557.001		
600.00	599.84	511.84	511.84	1.93	7.97	-27.20	1,024.05	-4,221.73	4,337.95	4,328.05	9.90	438.310		
700.00	699.45	611.45	611.45	2.29	9.71	-27.33	1,024.05	-4,221.73	4,330.19	4,318.20	12.00	360.944		
800.00	798.70	710.70	710.70	2.67	11.44	-27.50	1,024.05	-4,221.73	4,319.36	4,305.26	14.09	306.453		
900.00	897.47	809.47	809.47	3.07	13.17	-27.73	1,024.05	-4,221.73	4,305.46	4,289.27	16.19	265.937		
1,000.00	995.62	907.62	907.62	3.50	14.88	-28.01	1,024.05	-4,221.73	4,288.53	4,270.24	18.28	234.579		
1,100.00	1,093.06	1,005.06	1,005.06	3.97	16.58	-28.34	1,024.05	-4,221.73	4,268.58	4,248.21	20.37	209.547		
1,200.00	1,189.64	1,101.64	1,101.64	4.47	18.27	-28.73	1,024.05	-4,221.73	4,245.67	4,223.21	22.46	189.065		
1,300.00	1,285.27	1,202.73	1,197.27	5.01	20.03	-29.18	1,024.05	-4,221.73	4,219.83	4,195.19	24.63	171.302		
1,400.00	1,379.82	1,308.18	1,291.82	5.61	21.87	-29.69	1,024.05	-4,221.73	4,191.10	4,164.20	26.90	155.781		
1,500.00	1,473.17	1,385.17	1,385.17	6.25	23.22	-30.26	1,024.05	-4,221.73	4,159.55	4,130.85	28.70	144.956		
1,600.00	1,565.21	1,477.21	1,477.21	6.96	24.82	-30.90	1,024.05	-4,221.73	4,125.23	4,094.46	30.77	134.065		
1,700.00	1,656.01	1,568.01	1,568.01	7.72	26.41	-31.41	1,024.05	-4,221.73	4,088.51	4,055.66	32.85	124.476		
1,800.00	1,746.60	1,658.60	1,658.60	8.50	27.99	-31.72	1,024.05	-4,221.73	4,051.51	4,016.58	34.93	116.005		
1,900.00	1,837.19	1,749.19	1,749.19	9.30	29.57	-32.03	1,024.05	-4,221.73	4,014.61	3,977.60	37.02	108.448		
2,000.00	1,927.79	1,839.79	1,839.79	10.12	31.15	-32.34	1,024.05	-4,221.73	3,977.83	3,938.70	39.12	101.672		
2,100.00	2,018.38	1,930.38	1,930.38	10.93	32.73	-32.66	1,024.05	-4,221.73	3,941.15	3,899.91	41.24	95.566		
2,200.00	2,108.97	2,020.97	2,020.97	11.76	34.31	-32.99	1,024.05	-4,221.73	3,904.59	3,861.23	43.37	90.037		
2,300.00	2,199.56	2,111.56	2,111.56	12.59	35.89	-33.32	1,024.05	-4,221.73	3,868.15	3,822.65	45.50	85.010		
2,400.00	2,290.15	2,202.15	2,202.15	13.43	37.47	-33.66	1,024.05	-4,221.73	3,831.83	3,784.19	47.65	80.421		
2,500.00	2,380.75	2,307.25	2,292.75	14.26	39.31	-34.00	1,024.05	-4,221.73	3,795.64	3,745.58	50.05	75.831		
2,600.00	2,471.34	2,383.34	2,383.34	15.11	40.64	-34.35	1,024.05	-4,221.73	3,759.57	3,707.61	51.96	72.352		
2,700.00	2,561.93	2,473.93	2,473.93	15.95	42.22	-34.71	1,024.05	-4,221.73	3,723.63	3,669.50	54.13	68.788		
2,800.00	2,652.52	2,564.52	2,564.52	16.80	43.80	-35.07	1,024.05	-4,221.73	3,687.84	3,631.53	56.31	65.492		
2,900.00	2,743.12	2,655.12	2,655.12	17.64	45.38	-35.44	1,024.05	-4,221.73	3,652.18	3,593.68	58.50	62.435		
3,000.00	2,833.71	2,745.71	2,745.71	18.49	46.96	-35.82	1,024.05	-4,221.73	3,616.66	3,555.97	60.69	59.593		
3,100.00	2,924.30	2,836.30	2,836.30	19.35	48.54	-36.20	1,024.05	-4,221.73	3,581.30	3,518.41	62.89	56.944		
3,200.00	3,014.89	2,926.89	2,926.89	20.20	50.12	-36.59	1,024.05	-4,221.73	3,546.08	3,480.98	65.10	54.470		
3,300.00	3,105.48	3,017.48	3,017.48	21.05	51.71	-36.99	1,024.05	-4,221.73	3,511.03	3,443.71	67.32	52.155		
3,400.00	3,196.08	3,108.08	3,108.08	21.91	53.29	-37.40	1,024.05	-4,221.73	3,476.13	3,406.59	69.55	49.983		
3,500.00	3,286.67	3,201.33	3,198.67	22.76	54.91	-37.81	1,024.05	-4,221.73	3,441.41	3,369.58	71.83	47.912		
3,600.00	3,377.26	3,289.26	3,289.26	23.62	56.45	-38.23	1,024.05	-4,221.73	3,406.86	3,332.83	74.02	46.024		
3,700.00	3,467.85	3,379.85	3,379.85	24.47	58.03	-38.66	1,024.05	-4,221.73	3,372.48	3,296.20	76.28	44.215		
3,800.00	3,558.45	3,470.45	3,470.45	25.33	59.61	-39.10	1,024.05	-4,221.73	3,338.29	3,259.75	78.54	42.507		
3,900.00	3,649.04	3,561.04	3,561.04	26.19	61.19	-39.55	1,024.05	-4,221.73	3,304.28	3,223.48	80.81	40.892		
4,000.00	3,739.63	3,651.63	3,651.63	27.05	62.77	-40.00	1,024.05	-4,221.73	3,270.47	3,187.39	83.08	39.364		
4,100.00	3,830.22	3,742.22	3,742.22	27.90	64.35	-40.46	1,024.05	-4,221.73	3,236.86	3,151.49	85.37	37.915		
4,200.00	3,920.81	3,832.81	3,832.81	28.76	65.94	-40.94	1,024.05	-4,221.73	3,203.46	3,115.79	87.67	36.541		
4,300.00	4,011.41	3,923.41	3,923.41	29.62	67.52	-41.42	1,024.05	-4,221.73	3,170.27	3,080.30	89.98	35.235		
4,400.00	4,102.00	4,014.00	4,014.00	30.48	69.10	-41.91	1,024.05	-4,221.73	3,137.31	3,045.02	92.29	33.993		
4,500.00	4,192.59	4,104.59	4,104.59	31.34	70.68	-42.41	1,024.05	-4,221.73	3,104.57	3,009.95	94.62	32.811		
4,600.00	4,283.18	4,204.82	4,195.18	32.20	72.43	-42.92	1,024.05	-4,221.73	3,072.06	2,974.94	97.12	31.630		
4,700.00	4,373.78	4,285.78	4,285.78	33.06	73.84	-43.44	1,024.05	-4,221.73	3,039.80	2,940.50	99.30	30.611		
4,800.00	4,464.37	4,376.37	4,376.37	33.92	75.42	-43.97	1,024.05	-4,221.73	3,007.79	2,906.12	101.66	29.586		
4,900.00	4,554.96	4,466.96	4,466.96	34.78	77.00	-44.51	1,024.05	-4,221.73	2,976.03	2,872.00	104.03	28.607		
5,000.00	4,645.55	4,557.55	4,557.55	35.64	78.58	-45.06	1,024.05	-4,221.73	2,944.54	2,838.13	106.41	27.671		
5,100.00	4,736.14	4,648.14	4,648.14	36.51	80.17	-45.62	1,024.05	-4,221.73	2,913.33	2,804.53	108.80	26.776		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,738.74	4,738.74	37.37	81.75	-46.20	1,024.05	-4,221.73	2,882.40	2,771.20	111.21	25.919		
5,300.00	4,917.33	4,829.33	4,829.33	38.23	83.33	-46.78	1,024.05	-4,221.73	2,851.77	2,738.15	113.62	25.099		
5,400.00	5,007.92	4,919.92	4,919.92	39.09	84.91	-47.37	1,024.05	-4,221.73	2,821.43	2,705.39	116.05	24.313		
5,500.00	5,098.51	5,010.51	5,010.51	39.95	86.49	-47.98	1,024.05	-4,221.73	2,791.42	2,672.93	118.49	23.559		
5,600.00	5,189.11	5,101.11	5,101.11	40.81	88.07	-48.60	1,024.05	-4,221.73	2,761.72	2,640.78	120.94	22.836		
5,700.00	5,279.70	5,208.30	5,191.70	41.68	89.94	-49.23	1,024.05	-4,221.73	2,732.35	2,608.66	123.69	22.090		
5,800.00	5,370.29	5,282.29	5,282.29	42.54	91.23	-49.87	1,024.05	-4,221.73	2,703.34	2,577.46	125.88	21.476		
5,900.00	5,460.88	5,372.88	5,372.88	43.40	92.81	-50.53	1,024.05	-4,221.73	2,674.67	2,546.31	128.36	20.836		
6,000.00	5,551.47	5,463.47	5,463.47	44.26	94.40	-51.20	1,024.05	-4,221.73	2,646.38	2,515.51	130.87	20.222		
6,100.00	5,642.07	5,554.07	5,554.07	45.13	95.98	-51.88	1,024.05	-4,221.73	2,618.46	2,485.08	133.38	19.632		
6,200.00	5,732.66	5,644.66	5,644.66	45.99	97.56	-52.57	1,024.05	-4,221.73	2,590.93	2,455.03	135.90	19.064		
6,300.00	5,823.25	5,735.25	5,735.25	46.85	99.14	-53.28	1,024.05	-4,221.73	2,563.81	2,425.37	138.44	18.519		
6,400.00	5,913.84	5,825.84	5,825.84	47.72	100.72	-54.00	1,024.05	-4,221.73	2,537.10	2,396.11	140.99	17.994		
6,500.00	6,004.44	5,916.44	5,916.44	48.58	102.30	-54.73	1,024.05	-4,221.73	2,510.83	2,367.27	143.56	17.490		
6,600.00	6,095.03	6,007.03	6,007.03	49.44	103.88	-55.48	1,024.05	-4,221.73	2,485.00	2,338.86	146.13	17.005		
6,700.00	6,185.62	6,102.38	6,097.62	50.30	105.55	-56.24	1,024.05	-4,221.73	2,459.62	2,310.82	148.81	16.529		
6,800.00	6,276.21	6,188.21	6,188.21	51.17	107.04	-57.02	1,024.05	-4,221.73	2,434.72	2,283.40	151.32	16.090		
6,900.00	6,366.80	6,278.80	6,278.80	52.03	108.63	-57.80	1,024.05	-4,221.73	2,410.31	2,256.37	153.93	15.658		
7,000.00	6,457.40	6,369.40	6,369.40	52.89	110.21	-58.61	1,024.05	-4,221.73	2,386.39	2,229.84	156.56	15.243		
7,100.00	6,548.00	6,457.60	6,457.60	53.85	111.75	-59.48	1,024.05	-4,221.73	2,366.78	2,197.58	159.20	14.804		
7,200.00	6,638.60	6,548.20	6,548.20	54.81	113.29	-60.36	1,024.05	-4,221.73	2,342.42	2,170.59	161.83	14.289		
7,300.00	6,729.19	6,638.79	6,638.79	55.76	114.83	-61.24	1,024.05	-4,221.73	2,318.01	2,143.60	164.37	13.717		
7,400.00	6,819.78	6,729.38	6,729.38	56.71	116.37	-62.12	1,024.05	-4,221.73	2,293.60	2,116.61	166.77	13.104		
7,500.00	6,910.37	6,819.97	6,819.97	57.66	117.91	-63.00	1,024.05	-4,221.73	2,269.19	2,089.62	168.96	12.469		
7,600.00	7,000.96	6,910.56	6,910.56	58.61	119.45	-63.88	1,024.05	-4,221.73	2,244.78	2,062.63	170.88	11.827		
7,700.00	7,091.55	7,001.15	7,001.15	59.56	120.99	-64.76	1,024.05	-4,221.73	2,220.37	2,035.64	172.48	11.195		
7,800.00	7,182.14	7,091.74	7,091.74	60.51	122.53	-65.64	1,024.05	-4,221.73	2,195.96	2,008.65	173.87	10.579		
7,900.00	7,272.73	7,182.33	7,182.33	61.46	124.07	-66.52	1,024.05	-4,221.73	2,171.55	1,981.66	175.39	9.970		
8,000.00	7,363.32	7,272.92	7,272.92	62.41	125.61	-67.40	1,024.05	-4,221.73	2,147.14	1,954.67	177.06	9.370		
8,100.00	7,453.91	7,363.51	7,363.51	63.36	127.15	-68.28	1,024.05	-4,221.73	2,122.73	1,927.68	178.92	8.779		
8,200.00	7,544.50	7,454.10	7,454.10	64.31	128.69	-69.16	1,024.05	-4,221.73	2,098.32	1,900.69	180.97	8.199		
8,300.00	7,635.09	7,544.69	7,544.69	65.26	130.23	-70.04	1,024.05	-4,221.73	2,073.91	1,873.70	183.25	7.633		
8,400.00	7,725.68	7,635.28	7,635.28	66.21	131.77	-70.92	1,024.05	-4,221.73	2,049.50	1,846.71	185.76	7.082		
8,500.00	7,816.27	7,725.87	7,725.87	67.16	133.31	-71.80	1,024.05	-4,221.73	2,025.09	1,819.72	188.53	6.551		
8,600.00	7,906.86	7,816.46	7,816.46	68.11	134.85	-72.68	1,024.05	-4,221.73	2,000.68	1,792.73	191.57	6.043		
8,700.00	7,997.45	7,907.05	7,907.05	69.06	136.39	-73.56	1,024.05	-4,221.73	1,976.27	1,765.74	194.86	5.562		
8,800.00	8,088.04	7,997.64	7,997.64	69.91	137.93	-74.44	1,024.05	-4,221.73	1,951.86	1,738.75	198.36	5.115		
8,900.00	8,178.63	8,088.23	8,088.23	70.86	139.47	-75.32	1,024.05	-4,221.73	1,927.45	1,711.76	201.99	4.707		
9,000.00	8,269.22	8,178.82	8,178.82	71.81	141.01	-76.20	1,024.05	-4,221.73	1,903.04	1,684.77	205.61	4.346		
9,100.00	8,359.81	8,269.41	8,269.41	72.76	142.55	-77.08	1,024.05	-4,221.73	1,878.63	1,657.78	208.99	4.041		
9,200.00	8,450.40	8,359.99	8,359.99	73.71	144.09	-77.96	1,024.05	-4,221.73	1,854.22	1,630.79	211.81	3.800		
9,300.00	8,540.99	8,450.58	8,450.58	74.66	145.63	-78.84	1,024.05	-4,221.73	1,829.81	1,603.80	213.72	3.632		
9,400.00	8,631.58	8,541.17	8,541.17	75.61	147.17	-79.72	1,024.05	-4,221.73	1,805.40	1,576.81	214.38	3.543		
9,476.94	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	213.90	3.533 CC, ES, SF		
9,500.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	213.59	3.540		
9,600.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	211.34	3.623		
9,700.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	207.88	3.790		
9,800.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	203.57	4.037		
9,900.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	198.82	4.356		
10,000.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	193.98	4.738		
10,100.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	189.31	5.174		
10,200.00	8,684.00	8,593.60	8,593.60	76.56	148.71	-80.60	1,024.05	-4,221.73	1,781.00	1,549.82	184.95	5.655		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	116.88	-90.00	1,024.05	-4,221.73	1,117.38	936.40	180.98	6.174		
10,400.00	6,840.00	6,752.00	6,752.00	124.14	116.88	-90.00	1,024.05	-4,221.73	1,192.96	1,015.53	177.43	6.724		
10,500.00	6,840.00	6,752.00	6,752.00	126.65	116.88	-90.00	1,024.05	-4,221.73	1,271.92	1,097.63	174.29	7.298		
10,600.00	6,840.00	6,752.00	6,752.00	129.18	116.88	-90.00	1,024.05	-4,221.73	1,353.66	1,182.13	171.52	7.892		
10,700.00	6,840.00	6,752.00	6,752.00	131.70	116.88	-90.00	1,024.05	-4,221.73	1,437.70	1,268.60	169.11	8.502		
10,800.00	6,840.00	6,752.00	6,752.00	134.24	116.88	-90.00	1,024.05	-4,221.73	1,523.68	1,356.69	166.99	9.124		
10,900.00	6,840.00	6,752.00	6,752.00	136.79	116.88	-90.00	1,024.05	-4,221.73	1,611.28	1,446.12	165.15	9.756		
11,000.00	6,840.00	6,752.00	6,752.00	139.34	116.88	-90.00	1,024.05	-4,221.73	1,700.24	1,536.69	163.55	10.396		
11,100.00	6,840.00	6,752.00	6,752.00	141.90	116.88	-90.00	1,024.05	-4,221.73	1,790.37	1,628.22	162.15	11.041		
11,200.00	6,840.00	6,752.00	6,752.00	144.46	116.88	-90.00	1,024.05	-4,221.73	1,881.50	1,720.56	160.94	11.691		
11,300.00	6,840.00	6,752.00	6,752.00	147.03	116.88	-90.00	1,024.05	-4,221.73	1,973.49	1,813.61	159.88	12.344		
11,400.00	6,840.00	6,752.00	6,752.00	149.60	116.88	-90.00	1,024.05	-4,221.73	2,066.22	1,907.27	158.95	12.999		
11,500.00	6,840.00	6,752.00	6,752.00	152.18	116.88	-90.00	1,024.05	-4,221.73	2,159.60	2,001.46	158.14	13.656		
11,600.00	6,840.00	6,752.00	6,752.00	154.77	116.88	-90.00	1,024.05	-4,221.73	2,253.55	2,096.11	157.44	14.314		
11,700.00	6,840.00	6,752.00	6,752.00	157.36	116.88	-90.00	1,024.05	-4,221.73	2,348.00	2,191.18	156.82	14.972		
11,800.00	6,840.00	6,752.00	6,752.00	159.95	116.88	-90.00	1,024.05	-4,221.73	2,442.89	2,286.61	156.28	15.631		
11,900.00	6,840.00	6,752.00	6,752.00	162.55	116.88	-90.00	1,024.05	-4,221.73	2,538.18	2,382.36	155.81	16.290		
12,000.00	6,840.00	6,752.00	6,752.00	165.16	116.88	-90.00	1,024.05	-4,221.73	2,633.81	2,478.41	155.40	16.948		
12,100.00	6,840.00	6,752.00	6,752.00	167.76	116.88	-90.00	1,024.05	-4,221.73	2,729.75	2,574.71	155.04	17.607		
12,200.00	6,840.00	6,752.00	6,752.00	170.37	116.88	-90.00	1,024.05	-4,221.73	2,825.98	2,671.25	154.73	18.264		
12,300.00	6,840.00	6,752.00	6,752.00	172.99	116.88	-90.00	1,024.05	-4,221.73	2,922.46	2,768.01	154.45	18.921		
12,400.00	6,840.00	6,752.00	6,752.00	175.60	116.88	-90.00	1,024.05	-4,221.73	3,019.17	2,864.95	154.22	19.578		
12,500.00	6,840.00	6,752.00	6,752.00	178.23	116.88	-90.00	1,024.05	-4,221.73	3,116.09	2,962.08	154.01	20.233		
12,600.00	6,840.00	6,752.00	6,752.00	180.85	116.88	-90.00	1,024.05	-4,221.73	3,213.19	3,059.36	153.83	20.888		
12,700.00	6,840.00	6,752.00	6,752.00	183.47	116.88	-90.00	1,024.05	-4,221.73	3,310.47	3,156.80	153.67	21.542		
12,800.00	6,840.00	6,752.00	6,752.00	186.10	116.88	-90.00	1,024.05	-4,221.73	3,407.91	3,254.37	153.54	22.195		
12,900.00	6,840.00	6,752.00	6,752.00	188.74	116.88	-90.00	1,024.05	-4,221.73	3,505.49	3,352.06	153.43	22.848		
13,000.00	6,840.00	6,752.00	6,752.00	191.37	116.88	-90.00	1,024.05	-4,221.73	3,603.20	3,449.87	153.33	23.499		
13,100.00	6,840.00	6,752.00	6,752.00	194.01	116.88	-90.00	1,024.05	-4,221.73	3,701.04	3,547.78	153.25	24.150		
13,200.00	6,840.00	6,752.00	6,752.00	196.65	116.88	-90.00	1,024.05	-4,221.73	3,798.98	3,645.80	153.19	24.800		
13,300.00	6,840.00	6,752.00	6,752.00	199.29	116.88	-90.00	1,024.05	-4,221.73	3,897.04	3,743.91	153.13	25.449		
13,400.00	6,840.00	6,752.00	6,752.00	201.93	116.88	-90.00	1,024.05	-4,221.73	3,995.19	3,842.10	153.09	26.097		
13,500.00	6,840.00	6,752.00	6,752.00	204.58	116.88	-90.00	1,024.05	-4,221.73	4,093.42	3,940.37	153.06	26.744		
13,600.00	6,840.00	6,752.00	6,752.00	207.22	116.88	-90.00	1,024.05	-4,221.73	4,191.75	4,038.71	153.03	27.391		
13,700.00	6,840.00	6,752.00	6,752.00	209.87	116.88	-90.00	1,024.05	-4,221.73	4,290.14	4,137.13	153.02	28.037		
13,800.00	6,840.00	6,752.00	6,752.00	212.52	116.88	-90.00	1,024.05	-4,221.73	4,388.62	4,235.60	153.01	28.682		
13,900.00	6,840.00	6,752.00	6,752.00	215.18	116.88	-90.00	1,024.05	-4,221.73	4,487.16	4,334.14	153.01	29.326		
14,000.00	6,840.00	6,752.00	6,752.00	217.83	116.88	-90.00	1,024.05	-4,221.73	4,585.76	4,432.74	153.02	29.969		
14,100.00	6,840.00	6,752.00	6,752.00	220.49	116.88	-90.00	1,024.05	-4,221.73	4,684.42	4,531.39	153.03	30.611		
14,200.00	6,840.00	6,752.00	6,752.00	223.15	116.88	-90.00	1,024.05	-4,221.73	4,783.14	4,630.09	153.05	31.253		
14,300.00	6,840.00	6,752.00	6,752.00	225.81	116.88	-90.00	1,024.05	-4,221.73	4,881.91	4,728.84	153.07	31.894		
14,400.00	6,840.00	6,752.00	6,752.00	228.47	116.88	-90.00	1,024.05	-4,221.73	4,980.73	4,827.63	153.09	32.534		
14,500.00	6,840.00	6,752.00	6,752.00	231.13	116.88	-90.00	1,024.05	-4,221.73	5,079.59	4,926.47	153.12	33.173		
14,600.00	6,840.00	6,752.00	6,752.00	233.79	116.88	-90.00	1,024.05	-4,221.73	5,178.50	5,025.34	153.16	33.811		
14,700.00	6,840.00	6,752.00	6,752.00	236.46	116.88	-90.00	1,024.05	-4,221.73	5,277.45	5,124.25	153.20	34.449		
14,800.00	6,840.00	6,752.00	6,752.00	239.12	116.88	-90.00	1,024.05	-4,221.73	5,376.44	5,223.20	153.24	35.086		
14,900.00	6,840.00	6,752.00	6,752.00	241.79	116.88	-90.00	1,024.05	-4,221.73	5,475.46	5,322.18	153.28	35.722		
15,000.00	6,840.00	6,752.00	6,752.00	244.46	116.88	-90.00	1,024.05	-4,221.73	5,574.52	5,421.20	153.33	36.357		
15,100.00	6,840.00	6,752.00	6,752.00	247.13	116.88	-90.00	1,024.05	-4,221.73	5,673.61	5,520.24	153.37	36.992		
15,200.00	6,840.00	6,752.00	6,752.00	249.80	116.88	-90.00	1,024.05	-4,221.73	5,772.74	5,619.31	153.43	37.626		
15,300.00	6,840.00	6,752.00	6,752.00	252.47	116.88	-90.00	1,024.05	-4,221.73	5,871.89	5,718.41	153.48	38.259		
15,400.00	6,840.00	6,752.00	6,752.00	255.15	116.88	-90.00	1,024.05	-4,221.73	5,971.08	5,817.54	153.53	38.891		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,500.00	6,840.00	6,752.00	6,752.00	257.82	116.88	-90.00	1,024.05	-4,221.73	6,070.28	5,916.69	153.59	39.522		
15,600.00	6,840.00	6,752.00	6,752.00	260.50	116.88	-90.00	1,024.05	-4,221.73	6,169.52	6,015.87	153.65	40.153		
15,700.00	6,840.00	6,752.00	6,752.00	263.17	116.88	-90.00	1,024.05	-4,221.73	6,268.78	6,115.07	153.71	40.783		
15,800.00	6,840.00	6,752.00	6,752.00	265.85	116.88	-90.00	1,024.05	-4,221.73	6,368.06	6,214.29	153.77	41.412		
15,900.00	6,840.00	6,752.00	6,752.00	268.53	116.88	-90.00	1,024.05	-4,221.73	6,467.36	6,313.53	153.84	42.040		
16,000.00	6,840.00	6,752.00	6,752.00	271.20	116.88	-90.00	1,024.05	-4,221.73	6,566.69	6,412.79	153.90	42.668		
16,100.00	6,840.00	6,752.00	6,752.00	273.88	116.88	-90.00	1,024.05	-4,221.73	6,666.03	6,512.07	153.97	43.295		
16,200.00	6,840.00	6,752.00	6,752.00	276.56	116.88	-90.00	1,024.05	-4,221.73	6,765.40	6,611.36	154.04	43.921		
16,300.00	6,840.00	6,752.00	6,752.00	279.25	116.88	-90.00	1,024.05	-4,221.73	6,864.78	6,710.68	154.11	44.546		
16,400.00	6,840.00	6,752.00	6,752.00	281.93	116.88	-90.00	1,024.05	-4,221.73	6,964.18	6,810.01	154.17	45.171		
16,500.00	6,840.00	6,752.00	6,752.00	284.61	116.88	-90.00	1,024.05	-4,221.73	7,063.60	6,909.36	154.25	45.794		
16,600.00	6,840.00	6,752.00	6,752.00	287.29	116.88	-90.00	1,024.05	-4,221.73	7,163.04	7,008.72	154.32	46.417		
16,700.00	6,840.00	6,752.00	6,752.00	289.98	116.88	-90.00	1,024.05	-4,221.73	7,262.49	7,108.09	154.39	47.040		
16,800.00	6,840.00	6,752.00	6,752.00	292.66	116.88	-90.00	1,024.05	-4,221.73	7,361.95	7,207.48	154.46	47.661		
16,900.00	6,840.00	6,752.00	6,752.00	295.35	116.88	-90.00	1,024.05	-4,221.73	7,461.43	7,306.89	154.54	48.282		
17,000.00	6,840.00	6,752.00	6,752.00	298.03	116.88	-90.00	1,024.05	-4,221.73	7,560.92	7,406.31	154.62	48.902		
17,100.00	6,840.00	6,752.00	6,752.00	300.72	116.88	-90.00	1,024.05	-4,221.73	7,660.43	7,505.74	154.69	49.521		
17,200.00	6,840.00	6,752.00	6,752.00	303.41	116.88	-90.00	1,024.05	-4,221.73	7,759.95	7,605.18	154.77	50.139		
17,300.00	6,840.00	6,752.00	6,752.00	306.09	116.88	-90.00	1,024.05	-4,221.73	7,859.48	7,704.63	154.85	50.757		
17,400.00	6,840.00	6,752.00	6,752.00	308.78	116.88	-90.00	1,024.05	-4,221.73	7,959.02	7,804.09	154.93	51.373		
17,500.00	6,840.00	6,752.00	6,752.00	311.47	116.88	-90.00	1,024.05	-4,221.73	8,058.57	7,903.57	155.00	51.989		
17,600.00	6,840.00	6,752.00	6,752.00	314.16	116.88	-90.00	1,024.05	-4,221.73	8,158.14	8,003.05	155.08	52.604		
17,700.00	6,840.00	6,752.00	6,752.00	316.85	116.88	-90.00	1,024.05	-4,221.73	8,257.71	8,102.55	155.17	53.219		
17,800.00	6,840.00	6,752.00	6,752.00	319.54	116.88	-90.00	1,024.05	-4,221.73	8,357.30	8,202.05	155.25	53.833		
17,900.00	6,840.00	6,752.00	6,752.00	322.23	116.88	-90.00	1,024.05	-4,221.73	8,456.89	8,301.56	155.33	54.445		
18,000.00	6,840.00	6,752.00	6,752.00	324.92	116.88	-90.00	1,024.05	-4,221.73	8,556.50	8,401.09	155.41	55.057		
18,100.00	6,840.00	6,752.00	6,752.00	327.62	116.88	-90.00	1,024.05	-4,221.73	8,656.11	8,500.62	155.49	55.669		
18,200.00	6,840.00	6,752.00	6,752.00	330.31	116.88	-90.00	1,024.05	-4,221.73	8,755.73	8,600.16	155.58	56.279		
18,300.00	6,840.00	6,752.00	6,752.00	333.00	116.88	-90.00	1,024.05	-4,221.73	8,855.36	8,699.70	155.66	56.889		
18,400.00	6,840.00	6,752.00	6,752.00	335.70	116.88	-90.00	1,024.05	-4,221.73	8,955.00	8,799.26	155.75	57.498		
18,500.00	6,840.00	6,752.00	6,752.00	338.39	116.88	-90.00	1,024.05	-4,221.73	9,054.65	8,898.82	155.83	58.106		
18,600.00	6,840.00	6,752.00	6,752.00	341.08	116.88	-90.00	1,024.05	-4,221.73	9,154.31	8,998.39	155.92	58.713		
18,700.00	6,840.00	6,752.00	6,752.00	343.78	116.88	-90.00	1,024.05	-4,221.73	9,253.97	9,097.97	156.00	59.319		
18,800.00	6,840.00	6,752.00	6,752.00	346.47	116.88	-90.00	1,024.05	-4,221.73	9,353.64	9,197.55	156.09	59.925		
18,900.00	6,840.00	6,752.00	6,752.00	349.17	116.88	-90.00	1,024.05	-4,221.73	9,453.31	9,297.14	156.18	60.530		
19,000.00	6,840.00	6,752.00	6,752.00	351.86	116.88	-90.00	1,024.05	-4,221.73	9,553.00	9,396.73	156.26	61.134		
19,100.00	6,840.00	6,752.00	6,752.00	354.56	116.88	-90.00	1,024.05	-4,221.73	9,652.69	9,496.34	156.35	61.737		
19,200.00	6,840.00	6,752.00	6,752.00	357.26	116.88	-90.00	1,024.05	-4,221.73	9,752.38	9,595.94	156.44	62.340		
19,300.00	6,840.00	6,752.00	6,752.00	359.95	116.88	-90.00	1,024.05	-4,221.73	9,852.09	9,695.56	156.53	62.941		
19,400.00	6,840.00	6,752.00	6,752.00	362.65	116.88	-90.00	1,024.05	-4,221.73	9,951.79	9,795.18	156.62	63.542		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-62.10	2,241.19	-4,232.41	4,789.78					
100.00	100.00	21.66	21.66	0.13	0.02	-62.10	2,241.20	-4,232.41	4,789.18	4,789.03	0.15	N/A		
200.00	200.00	113.15	113.15	0.49	0.11	-62.09	2,241.56	-4,232.37	4,789.33	4,788.72	0.61	7,913.490		
300.00	300.00	210.83	210.82	0.85	0.24	-62.08	2,242.30	-4,232.24	4,789.56	4,788.47	1.09	4,394.436		
400.00	400.00	295.96	295.95	1.21	0.31	-62.08	2,243.03	-4,232.27	4,789.99	4,788.48	1.52	3,160.937		
500.00	499.98	400.12	400.11	1.57	0.39	-12.82	2,243.93	-4,232.44	4,788.84	4,786.90	1.94	2,467.042		
600.00	599.84	477.21	477.19	1.93	0.43	-12.84	2,244.64	-4,232.71	4,784.48	4,782.14	2.34	2,043.901		
700.00	699.45	581.86	581.84	2.29	0.49	-12.89	2,245.61	-4,233.38	4,776.98	4,774.23	2.76	1,731.755		
800.00	798.70	669.75	669.72	2.67	0.54	-12.97	2,246.32	-4,233.94	4,766.04	4,762.88	3.17	1,505.361		
900.00	897.47	778.95	778.91	3.07	0.59	-13.07	2,247.26	-4,234.80	4,751.89	4,748.30	3.58	1,325.714		
1,000.00	995.62	890.54	890.50	3.50	0.64	-13.21	2,248.07	-4,235.30	4,734.01	4,730.01	4.00	1,182.037		
1,100.00	1,093.06	981.13	981.09	3.97	0.68	-13.37	2,248.45	-4,235.79	4,712.75	4,708.33	4.42	1,066.504		
1,200.00	1,189.64	1,083.84	1,083.79	4.47	0.73	-13.56	2,248.87	-4,236.41	4,688.24	4,683.40	4.84	968.357		
1,300.00	1,285.27	1,187.91	1,187.87	5.01	0.77	-13.79	2,249.40	-4,236.78	4,660.29	4,655.02	5.27	884.502		
1,400.00	1,379.82	1,287.21	1,287.17	5.61	0.81	-14.04	2,249.83	-4,237.01	4,628.98	4,623.28	5.70	812.224		
1,500.00	1,473.17	1,381.88	1,381.83	6.25	0.85	-14.33	2,250.14	-4,237.21	4,594.43	4,588.29	6.13	748.999		
1,600.00	1,565.21	1,470.83	1,470.79	6.96	0.89	-14.65	2,250.45	-4,237.41	4,556.75	4,550.18	6.57	693.245		
1,700.00	1,656.01	1,562.73	1,562.69	7.72	0.93	-14.90	2,250.96	-4,237.58	4,516.38	4,509.36	7.02	643.396		
1,800.00	1,746.60	1,650.66	1,650.61	8.50	0.96	-15.03	2,251.39	-4,237.74	4,475.58	4,468.12	7.46	599.819		
1,900.00	1,837.19	1,736.50	1,736.45	9.30	0.99	-15.16	2,251.77	-4,238.04	4,434.92	4,427.01	7.91	560.556		
2,000.00	1,927.79	1,820.81	1,820.76	10.12	1.03	-15.29	2,252.16	-4,238.41	4,394.35	4,385.98	8.37	525.038		
2,100.00	2,018.38	1,894.31	1,894.25	10.93	1.05	-15.40	2,252.64	-4,238.91	4,354.09	4,345.26	8.83	492.947		
2,200.00	2,108.97	1,974.34	1,974.28	11.76	1.09	-15.53	2,253.43	-4,239.62	4,314.16	4,304.85	9.30	463.805		
2,300.00	2,199.56	2,066.79	2,066.72	12.59	1.12	-15.67	2,254.64	-4,240.45	4,274.38	4,264.61	9.77	437.297		
2,400.00	2,290.15	2,156.38	2,156.29	13.43	1.15	-15.81	2,255.83	-4,241.18	4,234.57	4,224.31	10.25	413.087		
2,500.00	2,380.75	2,243.64	2,243.54	14.26	1.19	-15.95	2,256.99	-4,241.99	4,194.87	4,184.14	10.73	390.891		
2,600.00	2,471.34	2,335.70	2,335.59	15.11	1.22	-16.10	2,258.29	-4,242.86	4,155.25	4,144.03	11.21	370.514		
2,700.00	2,561.93	2,431.52	2,431.39	15.95	1.26	-16.26	2,259.61	-4,243.68	4,115.56	4,103.86	11.70	351.770		
2,800.00	2,652.52	2,524.58	2,524.44	16.80	1.29	-16.41	2,261.09	-4,244.31	4,075.83	4,063.64	12.19	334.460		
2,900.00	2,743.12	2,615.81	2,615.66	17.64	1.33	-16.56	2,262.50	-4,244.92	4,036.10	4,023.43	12.68	318.404		
3,000.00	2,833.71	2,708.20	2,708.03	18.49	1.36	-16.72	2,263.80	-4,245.60	3,996.40	3,983.23	13.17	303.476		
3,100.00	2,924.30	2,802.68	2,802.51	19.35	1.40	-16.89	2,265.20	-4,246.19	3,956.66	3,943.00	13.66	289.605		
3,200.00	3,014.89	2,883.23	2,883.04	20.20	1.42	-17.03	2,266.49	-4,246.74	3,917.04	3,902.88	14.16	276.533		
3,300.00	3,105.48	2,999.89	2,999.69	21.05	1.47	-17.24	2,268.31	-4,247.39	3,877.36	3,862.71	14.65	264.685		
3,400.00	3,196.08	3,095.53	3,095.32	21.91	1.50	-17.42	2,269.78	-4,247.46	3,837.26	3,822.12	15.14	253.409		
3,500.00	3,286.67	3,200.15	3,199.92	22.76	1.53	-17.61	2,271.53	-4,247.19	3,796.98	3,781.35	15.63	242.965		
3,600.00	3,377.26	3,277.32	3,277.07	23.62	1.56	-17.75	2,272.96	-4,246.93	3,756.73	3,740.59	16.14	232.817		
3,700.00	3,467.85	3,365.53	3,365.28	24.47	1.58	-17.92	2,274.64	-4,246.87	3,716.74	3,700.10	16.64	223.361		
3,800.00	3,558.45	3,440.02	3,439.75	25.33	1.61	-18.06	2,276.13	-4,246.87	3,676.90	3,659.74	17.16	214.263		
3,900.00	3,649.04	3,504.87	3,504.58	26.19	1.63	-18.18	2,277.71	-4,247.25	3,637.72	3,620.02	17.69	205.579		
4,000.00	3,739.63	3,581.83	3,581.50	27.05	1.66	-18.33	2,279.73	-4,248.11	3,599.07	3,580.85	18.23	197.468		
4,100.00	3,830.22	3,672.73	3,672.36	27.90	1.69	-18.51	2,282.08	-4,249.39	3,560.70	3,541.95	18.75	189.911		
4,200.00	3,920.81	3,754.98	3,754.58	28.76	1.72	-18.69	2,284.10	-4,250.64	3,522.40	3,503.12	19.29	182.649		
4,300.00	4,011.41	3,839.36	3,838.92	29.62	1.75	-18.87	2,286.08	-4,252.29	3,484.46	3,464.64	19.82	175.772		
4,400.00	4,102.00	3,936.01	3,935.53	30.48	1.78	-19.08	2,288.47	-4,254.13	3,446.56	3,426.21	20.35	169.337		
4,500.00	4,192.59	4,041.13	4,040.59	31.34	1.82	-19.31	2,291.18	-4,255.79	3,408.47	3,387.60	20.87	163.285		
4,600.00	4,283.18	4,145.27	4,144.71	32.20	1.86	-19.56	2,293.07	-4,257.24	3,369.97	3,348.57	21.40	157.470		
4,700.00	4,373.78	4,239.75	4,239.17	33.06	1.89	-19.79	2,294.51	-4,258.48	3,331.36	3,309.42	21.94	151.824		
4,800.00	4,464.37	4,338.79	4,338.19	33.92	1.92	-20.04	2,296.16	-4,259.60	3,292.70	3,270.22	22.48	146.472		
4,900.00	4,554.96	4,436.92	4,436.31	34.78	1.96	-20.30	2,297.53	-4,260.47	3,253.76	3,230.74	23.02	141.331		
5,000.00	4,645.55	4,523.58	4,522.96	35.64	1.99	-20.53	2,298.67	-4,261.31	3,214.93	3,191.34	23.58	136.313		
5,100.00	4,736.14	4,614.18	4,613.54	36.51	2.02	-20.77	2,299.94	-4,262.24	3,176.22	3,152.08	24.15	131.541		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,710.84	4,710.19	37.37	2.05	-21.04	2,301.65	-4,263.00	3,137.50	3,112.80	24.70	127.030		
5,300.00	4,917.33	4,809.67	4,808.99	38.23	2.09	-21.31	2,303.54	-4,263.50	3,098.63	3,073.38	25.25	122.726		
5,400.00	5,007.92	4,888.59	4,887.90	39.09	2.11	-21.53	2,305.03	-4,264.01	3,059.91	3,034.07	25.84	118.428		
5,500.00	5,098.51	4,985.64	4,984.93	39.95	2.15	-21.82	2,306.64	-4,264.83	3,021.35	2,994.95	26.40	114.429		
5,600.00	5,189.11	5,087.03	5,086.31	40.81	2.18	-22.13	2,307.89	-4,265.52	2,982.58	2,955.61	26.97	110.598		
5,700.00	5,279.70	5,177.66	5,176.94	41.68	2.21	-22.42	2,308.80	-4,266.04	2,943.70	2,916.14	27.56	106.819		
5,800.00	5,370.29	5,261.60	5,260.87	42.54	2.24	-22.71	2,309.29	-4,266.76	2,905.01	2,876.84	28.17	103.117		
5,900.00	5,460.88	5,349.58	5,348.84	43.40	2.26	-23.02	2,309.63	-4,267.80	2,866.62	2,837.83	28.79	99.577		
6,000.00	5,551.47	5,441.65	5,440.90	44.26	2.28	-23.36	2,309.77	-4,268.95	2,828.29	2,798.89	29.40	96.186		
6,100.00	5,642.07	5,531.08	5,530.33	45.13	2.30	-23.70	2,309.76	-4,270.12	2,790.06	2,760.02	30.03	92.896		
6,200.00	5,732.66	5,617.01	5,616.25	45.99	2.32	-24.03	2,310.09	-4,271.25	2,752.03	2,721.35	30.68	89.709		
6,300.00	5,823.25	5,700.37	5,699.60	46.85	2.35	-24.36	2,310.49	-4,272.54	2,714.32	2,682.99	31.34	86.621		
6,400.00	5,913.84	5,813.50	5,812.72	47.72	2.38	-24.82	2,310.81	-4,274.03	2,676.47	2,644.53	31.94	83.801		
6,500.00	6,004.44	5,893.41	5,892.62	48.58	2.40	-25.16	2,310.97	-4,275.02	2,638.60	2,605.98	32.62	80.881		
6,600.00	6,095.03	5,977.42	5,976.62	49.44	2.42	-25.51	2,311.35	-4,276.21	2,601.09	2,567.78	33.31	78.093		
6,700.00	6,185.62	6,066.44	6,065.63	50.30	2.45	-25.90	2,312.05	-4,277.58	2,563.87	2,529.88	33.99	75.432		
6,800.00	6,276.21	6,154.23	6,153.40	51.17	2.47	-26.29	2,312.53	-4,279.05	2,526.83	2,492.14	34.69	72.850		
6,900.00	6,366.80	6,234.70	6,233.85	52.03	2.49	-26.67	2,312.73	-4,280.67	2,490.13	2,454.72	35.41	70.315		
7,000.00	6,457.40	6,309.61	6,308.75	52.89	2.51	-27.03	2,313.11	-4,282.61	2,454.13	2,417.96	36.17	67.853		
7,100.00	6,545.60	6,386.16	6,385.25	53.85	2.54	-16.16	2,313.49	-4,285.07	2,412.87	2,375.97	36.90	65.392		
7,200.00	6,626.13	6,472.01	6,471.04	55.05	2.56	-7.61	2,313.88	-4,288.06	2,357.46	2,319.97	37.49	62.886		
7,300.00	6,696.49	6,575.01	6,574.00	56.46	2.58	-0.35	2,314.42	-4,290.93	2,288.73	2,250.89	37.84	60.479		
7,400.00	6,754.56	6,664.96	6,663.95	58.05	2.60	8.14	2,314.21	-4,292.23	2,208.30	2,170.32	37.98	58.139		
7,500.00	6,798.57	6,721.20	6,720.18	59.78	2.60	21.25	2,313.63	-4,292.56	2,119.30	2,081.36	37.94	55.853		
7,600.00	6,827.18	6,750.94	6,749.92	61.58	2.60	45.14	2,313.19	-4,292.71	2,025.08	1,987.38	37.70	53.722		
7,700.00	6,839.51	6,764.09	6,763.07	63.39	2.60	81.58	2,312.96	-4,292.78	1,928.73	1,891.52	37.20	51.843		
7,800.00	6,840.00	6,765.14	6,764.12	65.19	2.60	90.01	2,312.94	-4,292.78	1,832.79	1,796.25	36.55	50.147		
7,900.00	6,840.00	6,765.69	6,764.67	67.04	2.60	90.07	2,312.93	-4,292.79	1,737.36	1,701.48	35.88	48.422		
8,000.00	6,840.00	6,766.25	6,765.22	68.95	2.59	90.13	2,312.92	-4,292.79	1,642.46	1,607.24	35.22	46.636		
8,100.00	6,840.00	6,766.80	6,765.78	70.91	2.59	90.19	2,312.91	-4,292.79	1,548.21	1,513.62	34.59	44.754		
8,200.00	6,840.00	6,767.36	6,766.34	72.91	2.59	90.25	2,312.90	-4,292.80	1,454.73	1,420.68	34.05	42.729		
8,300.00	6,840.00	6,767.92	6,766.89	74.96	2.59	90.31	2,312.89	-4,292.80	1,362.17	1,328.53	33.64	40.494		
8,400.00	6,840.00	6,768.48	6,767.45	77.05	2.59	90.37	2,312.88	-4,292.80	1,270.74	1,237.27	33.47	37.967		
8,500.00	6,840.00	6,769.04	6,768.02	79.18	2.59	90.43	2,312.87	-4,292.80	1,180.70	1,147.02	33.67	35.062		
8,600.00	6,840.00	6,769.61	6,768.58	81.34	2.59	90.49	2,312.86	-4,292.81	1,092.39	1,057.95	34.44	31.717		
8,700.00	6,840.00	6,770.17	6,769.14	83.54	2.59	90.55	2,312.85	-4,292.81	1,006.27	970.26	36.01	27.946		
8,800.00	6,840.00	6,770.74	6,769.71	85.76	2.59	90.61	2,312.84	-4,292.81	922.96	884.30	38.65	23.879		
8,900.00	6,840.00	6,771.31	6,770.28	88.02	2.59	90.68	2,312.83	-4,292.82	843.28	800.62	42.66	19.768		
9,000.00	6,840.00	6,771.88	6,770.85	90.30	2.59	90.74	2,312.82	-4,292.82	768.36	720.08	48.28	15.914		
9,100.00	6,840.00	6,772.45	6,771.42	92.60	2.59	90.80	2,312.81	-4,292.82	699.75	644.06	55.69	12.566		
9,200.00	6,840.00	6,773.02	6,772.00	94.93	2.59	90.86	2,312.80	-4,292.83	639.47	574.62	64.85	9.861		
9,300.00	6,840.00	6,773.60	6,772.57	97.28	2.59	90.92	2,312.79	-4,292.83	590.07	514.67	75.40	7.825		
9,400.00	6,840.00	6,774.17	6,773.15	99.65	2.59	90.98	2,312.78	-4,292.83	554.48	468.02	86.46	6.413		
9,500.00	6,840.00	6,774.75	6,773.73	102.03	2.59	91.05	2,312.77	-4,292.84	535.45	438.84	96.61	5.542		
9,553.68	6,840.00	6,775.06	6,774.04	103.32	2.59	91.08	2,312.76	-4,292.84	532.76	431.61	101.15	5.267 CC		
9,600.00	6,840.00	6,775.33	6,774.31	104.43	2.59	91.11	2,312.76	-4,292.84	534.77	430.42	104.35	5.125 ES		
9,700.00	6,840.00	6,775.92	6,774.89	106.85	2.59	91.17	2,312.75	-4,292.84	552.48	443.68	108.80	5.078 SF		
9,800.00	6,840.00	6,776.50	6,775.47	109.29	2.59	91.23	2,312.74	-4,292.85	586.94	476.85	110.09	5.332		
9,900.00	6,840.00	6,777.09	6,776.06	111.73	2.59	91.30	2,312.72	-4,292.85	635.42	526.38	109.04	5.827		
10,000.00	6,840.00	6,777.67	6,776.65	114.19	2.59	91.36	2,312.71	-4,292.85	695.00	588.37	106.63	6.518		
10,100.00	6,840.00	6,778.26	6,777.24	116.66	2.59	91.42	2,312.70	-4,292.86	763.07	659.49	103.58	7.367		
10,200.00	6,840.00	6,778.85	6,777.83	119.15	2.59	91.49	2,312.69	-4,292.86	837.58	737.21	100.38	8.344		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,779.45	6,778.42	121.64	2.59	91.55	2,312.68	-4,292.86	916.95	819.69	97.26	9.427		
10,400.00	6,840.00	6,780.04	6,779.01	124.14	2.59	91.61	2,312.67	-4,292.87	1,000.03	905.66	94.37	10.597		
10,500.00	6,840.00	6,780.64	6,779.61	126.65	2.59	91.68	2,312.66	-4,292.87	1,085.96	994.24	91.72	11.840		
10,600.00	6,840.00	6,781.24	6,780.21	129.18	2.59	91.74	2,312.64	-4,292.87	1,174.13	1,084.79	89.34	13.143		
10,700.00	6,840.00	6,781.84	6,780.81	131.70	2.59	91.81	2,312.63	-4,292.88	1,264.05	1,176.86	87.20	14.496		
10,800.00	6,840.00	6,782.44	6,781.41	134.24	2.59	91.87	2,312.62	-4,292.88	1,355.39	1,270.11	85.28	15.894		
10,900.00	6,840.00	6,783.04	6,782.01	136.79	2.59	91.94	2,312.61	-4,292.88	1,447.87	1,364.32	83.56	17.328		
11,000.00	6,840.00	6,783.65	6,782.62	139.34	2.59	92.00	2,312.60	-4,292.89	1,541.30	1,459.28	82.01	18.793		
11,100.00	6,840.00	6,784.26	6,783.23	141.90	2.59	92.07	2,312.59	-4,292.89	1,635.50	1,554.87	80.62	20.286		
11,200.00	6,840.00	6,784.87	6,783.84	144.46	2.59	92.13	2,312.57	-4,292.89	1,730.35	1,650.98	79.37	21.802		
11,300.00	6,840.00	6,785.48	6,784.45	147.03	2.59	92.20	2,312.56	-4,292.90	1,825.75	1,747.52	78.23	23.339		
11,400.00	6,840.00	6,786.09	6,785.06	149.60	2.59	92.27	2,312.55	-4,292.90	1,921.62	1,844.42	77.19	24.893		
11,500.00	6,840.00	6,786.71	6,785.68	152.18	2.59	92.33	2,312.54	-4,292.90	2,017.88	1,941.63	76.25	26.463		
11,600.00	6,840.00	6,787.32	6,786.29	154.77	2.59	92.40	2,312.52	-4,292.91	2,114.50	2,039.11	75.39	28.046		
11,700.00	6,840.00	6,787.94	6,786.91	157.36	2.59	92.46	2,312.51	-4,292.91	2,211.41	2,136.81	74.61	29.642		
11,800.00	6,840.00	6,788.56	6,787.53	159.95	2.59	92.53	2,312.50	-4,292.91	2,308.59	2,234.71	73.88	31.247		
11,900.00	6,840.00	6,789.18	6,788.15	162.55	2.59	92.60	2,312.49	-4,292.92	2,406.00	2,332.79	73.22	32.862		
12,000.00	6,840.00	6,789.81	6,788.78	165.16	2.59	92.66	2,312.47	-4,292.92	2,503.62	2,431.02	72.60	34.484		
12,100.00	6,840.00	6,790.44	6,789.41	167.76	2.59	92.73	2,312.46	-4,292.93	2,601.41	2,529.38	72.03	36.114		
12,200.00	6,840.00	6,791.06	6,790.03	170.37	2.59	92.80	2,312.45	-4,292.93	2,699.37	2,627.86	71.51	37.750		
12,300.00	6,840.00	6,791.69	6,790.66	172.99	2.59	92.87	2,312.44	-4,292.93	2,797.47	2,726.45	71.02	39.391		
12,400.00	6,840.00	6,792.33	6,791.30	175.60	2.59	92.94	2,312.42	-4,292.94	2,895.70	2,825.14	70.56	41.037		
12,500.00	6,840.00	6,792.96	6,791.93	178.23	2.59	93.00	2,312.41	-4,292.94	2,994.05	2,923.91	70.14	42.687		
12,600.00	6,840.00	6,793.60	6,792.57	180.85	2.59	93.07	2,312.40	-4,292.94	3,092.50	3,022.76	69.74	44.340		
12,700.00	6,840.00	6,794.24	6,793.21	183.47	2.59	93.14	2,312.38	-4,292.95	3,191.05	3,121.68	69.38	45.997		
12,800.00	6,840.00	6,794.88	6,793.85	186.10	2.59	93.21	2,312.37	-4,292.95	3,289.69	3,220.66	69.03	47.656		
12,900.00	6,840.00	6,795.52	6,794.49	188.74	2.59	93.28	2,312.36	-4,292.95	3,388.41	3,319.70	68.71	49.317		
13,000.00	6,840.00	6,796.16	6,795.13	191.37	2.59	93.35	2,312.34	-4,292.96	3,487.20	3,418.79	68.40	50.980		
13,100.00	6,840.00	6,796.81	6,795.78	194.01	2.59	93.42	2,312.33	-4,292.96	3,586.05	3,517.94	68.12	52.645		
13,200.00	6,840.00	6,797.46	6,796.43	196.65	2.59	93.49	2,312.32	-4,292.97	3,684.97	3,617.12	67.85	54.311		
13,300.00	6,840.00	6,798.11	6,797.08	199.29	2.59	93.56	2,312.30	-4,292.97	3,783.95	3,716.35	67.60	55.978		
13,400.00	6,840.00	6,798.76	6,797.73	201.93	2.59	93.63	2,312.29	-4,292.97	3,882.97	3,815.61	67.36	57.645		
13,500.00	6,840.00	6,799.42	6,798.38	204.58	2.59	93.70	2,312.27	-4,292.98	3,982.05	3,914.91	67.14	59.313		
13,600.00	6,840.00	6,800.07	6,799.04	207.22	2.59	93.77	2,312.26	-4,292.98	4,081.17	4,014.25	66.93	60.981		
13,700.00	6,840.00	6,800.73	6,799.70	209.87	2.59	93.84	2,312.25	-4,292.99	4,180.33	4,113.61	66.73	62.649		
13,800.00	6,840.00	6,801.39	6,800.36	212.52	2.59	93.91	2,312.23	-4,292.99	4,279.54	4,213.00	66.54	64.317		
13,900.00	6,840.00	6,802.06	6,801.02	215.18	2.59	93.98	2,312.22	-4,292.99	4,378.77	4,312.41	66.36	65.984		
14,000.00	6,840.00	6,802.72	6,801.69	217.83	2.59	94.05	2,312.20	-4,293.00	4,478.05	4,411.85	66.19	67.651		
14,100.00	6,840.00	6,803.39	6,802.36	220.49	2.59	94.12	2,312.19	-4,293.00	4,577.35	4,511.31	66.03	69.317		
14,200.00	6,840.00	6,804.06	6,803.03	223.15	2.59	94.19	2,312.17	-4,293.01	4,676.68	4,610.80	65.89	70.982		
14,300.00	6,840.00	6,804.73	6,803.70	225.81	2.59	94.27	2,312.16	-4,293.01	4,776.04	4,710.30	65.74	72.647		
14,400.00	6,840.00	6,805.41	6,804.37	228.47	2.59	94.34	2,312.14	-4,293.01	4,875.43	4,809.82	65.61	74.310		
14,500.00	6,840.00	6,806.08	6,805.05	231.13	2.59	94.41	2,312.13	-4,293.02	4,974.84	4,909.36	65.48	75.972		
14,600.00	6,840.00	6,806.76	6,805.73	233.79	2.59	94.48	2,312.11	-4,293.02	5,074.28	5,008.91	65.36	77.632		
14,700.00	6,840.00	6,807.44	6,806.41	236.46	2.59	94.56	2,312.10	-4,293.03	5,173.73	5,108.48	65.25	79.292		
14,800.00	6,840.00	6,808.12	6,807.09	239.12	2.59	94.63	2,312.08	-4,293.03	5,273.21	5,208.07	65.14	80.949		
14,900.00	6,840.00	6,808.81	6,807.77	241.79	2.59	94.70	2,312.07	-4,293.03	5,372.70	5,307.66	65.04	82.605		
15,000.00	6,840.00	6,809.49	6,808.46	244.46	2.59	94.78	2,312.05	-4,293.04	5,472.22	5,407.27	64.94	84.260		
15,100.00	6,840.00	6,810.18	6,809.15	247.13	2.59	94.85	2,312.04	-4,293.04	5,571.75	5,506.90	64.85	85.912		
15,200.00	6,840.00	6,810.88	6,809.84	249.80	2.59	94.93	2,312.02	-4,293.05	5,671.30	5,606.53	64.77	87.563		
15,300.00	6,840.00	6,811.57	6,810.53	252.47	2.59	95.00	2,312.01	-4,293.05	5,770.86	5,706.17	64.69	89.211		
15,400.00	6,840.00	6,812.27	6,811.23	255.15	2.59	95.07	2,311.99	-4,293.06	5,870.44	5,805.83	64.61	90.858		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,812.96	6,811.93	257.82	2.59	95.15	2,311.98	-4,293.06	5,970.03	5,905.49	64.54	92.502		
15,600.00	6,840.00	6,813.66	6,812.63	260.50	2.59	95.22	2,311.96	-4,293.06	6,069.64	6,005.17	64.47	94.144		
15,700.00	6,840.00	6,814.37	6,813.33	263.17	2.59	95.30	2,311.94	-4,293.07	6,169.26	6,104.85	64.41	95.784		
15,800.00	6,840.00	6,815.07	6,814.04	265.85	2.59	95.37	2,311.93	-4,293.07	6,268.89	6,204.54	64.35	97.422		
15,900.00	6,840.00	6,815.78	6,814.74	268.53	2.59	95.45	2,311.91	-4,293.08	6,368.53	6,304.24	64.29	99.057		
16,000.00	6,840.00	6,816.49	6,815.45	271.20	2.59	95.53	2,311.90	-4,293.08	6,468.18	6,403.94	64.24	100.690		
16,100.00	6,840.00	6,817.20	6,816.17	273.88	2.59	95.60	2,311.88	-4,293.09	6,567.84	6,503.66	64.19	102.320		
16,200.00	6,840.00	6,817.92	6,816.88	276.56	2.59	95.68	2,311.86	-4,293.09	6,667.52	6,603.38	64.14	103.948		
16,300.00	6,840.00	6,818.64	6,817.60	279.25	2.59	95.76	2,311.85	-4,293.09	6,767.20	6,703.10	64.10	105.573		
16,400.00	6,840.00	6,819.36	6,818.32	281.93	2.59	95.83	2,311.83	-4,293.10	6,866.89	6,802.83	64.06	107.196		
16,500.00	6,840.00	6,820.08	6,819.04	284.61	2.59	95.91	2,311.81	-4,293.10	6,966.59	6,902.57	64.02	108.815		
16,600.00	6,840.00	6,812.25	6,811.21	287.29	2.59	95.07	2,311.99	-4,293.05	7,066.31	7,002.35	63.97	110.465		
16,700.00	6,840.00	6,812.59	6,811.56	289.98	2.59	95.11	2,311.99	-4,293.05	7,166.03	7,102.10	63.94	112.081		
16,800.00	6,840.00	6,812.94	6,811.90	292.66	2.59	95.15	2,311.98	-4,293.05	7,265.76	7,201.85	63.91	113.694		
16,900.00	6,840.00	6,813.28	6,812.24	295.35	2.59	95.18	2,311.97	-4,293.05	7,365.49	7,301.61	63.88	115.304		
17,000.00	6,840.00	6,813.62	6,812.58	298.03	2.59	95.22	2,311.96	-4,293.06	7,465.23	7,401.38	63.85	116.912		
17,100.00	6,840.00	6,813.95	6,812.91	300.72	2.59	95.25	2,311.96	-4,293.06	7,564.98	7,501.15	63.83	118.517		
17,200.00	6,840.00	6,814.28	6,813.25	303.41	2.59	95.29	2,311.95	-4,293.06	7,664.73	7,600.92	63.81	120.118		
17,300.00	6,840.00	6,814.61	6,813.57	306.09	2.59	95.33	2,311.94	-4,293.06	7,764.49	7,700.70	63.79	121.717		
17,400.00	6,840.00	6,814.94	6,813.90	308.78	2.59	95.36	2,311.93	-4,293.06	7,864.26	7,800.48	63.77	123.313		
17,500.00	6,840.00	6,815.26	6,814.22	311.47	2.59	95.39	2,311.93	-4,293.06	7,964.03	7,900.27	63.76	124.905		
17,600.00	6,840.00	6,815.58	6,814.54	314.16	2.59	95.43	2,311.92	-4,293.07	8,063.81	8,000.06	63.75	126.495		
17,700.00	6,840.00	6,815.90	6,814.86	316.85	2.59	95.46	2,311.91	-4,293.07	8,163.59	8,099.85	63.74	128.081		
17,800.00	6,840.00	6,816.21	6,815.17	319.54	2.59	95.50	2,311.91	-4,293.07	8,263.38	8,199.65	63.73	129.665		
17,900.00	6,840.00	6,816.52	6,815.48	322.23	2.59	95.53	2,311.90	-4,293.07	8,363.17	8,299.45	63.72	131.245		
18,000.00	6,840.00	6,816.83	6,815.79	324.92	2.59	95.56	2,311.89	-4,293.07	8,462.97	8,399.25	63.72	132.822		
18,100.00	6,840.00	6,817.14	6,816.10	327.62	2.59	95.60	2,311.88	-4,293.07	8,562.77	8,499.06	63.71	134.395		
18,200.00	6,840.00	6,817.44	6,816.40	330.31	2.59	95.63	2,311.88	-4,293.07	8,662.58	8,598.87	63.71	135.966		
18,300.00	6,840.00	6,817.74	6,816.70	333.00	2.59	95.66	2,311.87	-4,293.08	8,762.39	8,698.68	63.71	137.533		
18,400.00	6,840.00	6,818.04	6,817.00	335.70	2.59	95.69	2,311.86	-4,293.08	8,862.21	8,798.50	63.71	139.096		
18,500.00	6,840.00	6,818.33	6,817.30	338.39	2.59	95.72	2,311.86	-4,293.08	8,962.03	8,898.31	63.72	140.657		
18,600.00	6,840.00	6,818.63	6,817.59	341.08	2.59	95.75	2,311.85	-4,293.08	9,061.85	8,998.13	63.72	142.214		
18,700.00	6,840.00	6,818.92	6,817.88	343.78	2.59	95.79	2,311.84	-4,293.08	9,161.68	9,097.95	63.73	143.767		
18,800.00	6,840.00	6,819.20	6,818.17	346.47	2.59	95.82	2,311.84	-4,293.08	9,261.51	9,197.78	63.73	145.317		
18,900.00	6,840.00	6,819.49	6,818.45	349.17	2.59	95.85	2,311.83	-4,293.08	9,361.35	9,297.61	63.74	146.864		
19,000.00	6,840.00	6,819.77	6,818.73	351.86	2.59	95.88	2,311.82	-4,293.09	9,461.19	9,397.43	63.75	148.407		
19,100.00	6,840.00	6,820.05	6,819.01	354.56	2.59	95.91	2,311.82	-4,293.09	9,561.03	9,497.26	63.76	149.947		
19,200.00	6,840.00	6,820.33	6,819.29	357.26	2.59	95.94	2,311.81	-4,293.09	9,660.87	9,597.10	63.78	151.483		
19,300.00	6,840.00	6,820.61	6,819.57	359.95	2.59	95.97	2,311.81	-4,293.09	9,760.72	9,696.93	63.79	153.015		
19,400.00	6,840.00	6,820.88	6,819.84	362.65	2.59	96.00	2,311.80	-4,293.09	9,860.57	9,796.77	63.80	154.544		
19,500.00	6,840.00	6,821.15	6,820.11	365.35	2.59	96.02	2,311.79	-4,293.09	9,960.43	9,896.61	63.82	156.070		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-66.03	1,535.41	-3,453.59	3,780.25					
100.00	100.00	25.75	25.75	0.13	0.05	-66.03	1,535.41	-3,453.59	3,779.52	3,779.34	0.18	N/A		
200.00	200.00	124.81	124.81	0.49	0.22	-66.03	1,535.37	-3,453.63	3,779.54	3,778.83	0.71	5,314.984		
300.00	300.00	223.86	223.86	0.85	0.39	-66.03	1,535.30	-3,453.71	3,779.59	3,778.34	1.24	3,041.270		
400.00	400.00	322.91	322.91	1.21	0.56	-66.04	1,535.17	-3,453.84	3,779.66	3,777.88	1.77	2,130.079		
500.00	499.98	421.94	421.94	1.57	0.74	-16.79	1,535.00	-3,454.02	3,778.08	3,775.78	2.30	1,639.961		
600.00	599.84	520.85	520.85	1.93	0.91	-16.85	1,534.79	-3,454.24	3,773.19	3,770.35	2.83	1,331.044		
700.00	699.45	619.52	619.52	2.29	1.08	-16.94	1,534.53	-3,454.52	3,764.99	3,761.62	3.37	1,117.779		
800.00	798.70	717.84	717.83	2.67	1.26	-17.07	1,534.23	-3,454.83	3,753.50	3,749.59	3.90	961.420		
900.00	897.47	815.67	815.67	3.07	1.43	-17.23	1,533.89	-3,455.19	3,738.73	3,734.29	4.44	841.548		
1,000.00	995.62	899.44	899.43	3.50	1.77	-17.42	1,533.70	-3,455.69	3,720.93	3,715.77	5.16	721.124		
1,100.00	1,093.06	985.60	985.60	3.97	2.08	-17.65	1,533.65	-3,456.42	3,700.17	3,694.32	5.84	633.225		
1,200.00	1,189.64	1,071.17	1,071.16	4.47	2.38	-17.91	1,533.74	-3,457.37	3,676.47	3,669.94	6.53	562.872		
1,300.00	1,285.27	1,156.06	1,156.04	5.01	2.68	-18.21	1,533.96	-3,458.53	3,649.88	3,642.65	7.23	505.129		
1,400.00	1,379.82	1,240.20	1,240.16	5.61	2.98	-18.55	1,534.32	-3,459.90	3,620.41	3,612.49	7.93	456.756		
1,500.00	1,473.17	1,323.49	1,323.44	6.25	3.28	-18.93	1,534.81	-3,461.47	3,588.11	3,579.48	8.63	415.542		
1,600.00	1,565.21	1,403.90	1,403.83	6.96	3.57	-19.36	1,535.41	-3,463.21	3,553.05	3,543.70	9.35	380.191		
1,700.00	1,656.01	1,483.64	1,483.54	7.72	3.85	-19.69	1,536.12	-3,465.19	3,515.61	3,505.55	10.07	349.229		
1,800.00	1,746.60	1,563.45	1,563.31	8.50	4.14	-19.90	1,536.95	-3,467.41	3,478.12	3,467.33	10.79	322.348		
1,900.00	1,837.19	1,643.48	1,643.30	9.30	4.42	-20.11	1,537.90	-3,469.89	3,441.00	3,429.47	11.52	298.586		
2,000.00	1,927.79	1,723.73	1,723.50	10.12	4.71	-20.32	1,538.98	-3,472.62	3,404.24	3,391.97	12.27	277.472		
2,100.00	2,018.38	1,804.21	1,803.92	10.93	5.00	-20.53	1,540.17	-3,475.61	3,367.85	3,354.83	13.02	258.618		
2,200.00	2,108.97	1,895.65	1,895.27	11.76	5.32	-20.78	1,541.67	-3,479.21	3,331.77	3,317.96	13.82	241.103		
2,300.00	2,199.56	2,000.39	1,999.93	12.59	5.70	-21.07	1,543.55	-3,482.98	3,295.51	3,280.84	14.66	224.739		
2,400.00	2,290.15	2,104.92	2,104.38	13.43	6.07	-21.36	1,545.59	-3,486.25	3,258.95	3,243.43	15.51	210.084		
2,500.00	2,380.75	2,209.23	2,208.63	14.26	6.44	-21.65	1,547.79	-3,489.03	3,222.09	3,205.73	16.36	196.896		
2,600.00	2,471.34	2,313.31	2,312.66	15.11	6.81	-21.93	1,550.15	-3,491.31	3,184.95	3,167.73	17.22	184.966		
2,700.00	2,561.93	2,417.17	2,416.47	15.95	7.18	-22.22	1,552.68	-3,493.11	3,147.50	3,129.43	18.08	174.124		
2,800.00	2,652.52	2,498.32	2,497.59	16.80	7.47	-22.46	1,554.69	-3,494.62	3,110.23	3,091.35	18.87	164.785		
2,900.00	2,743.12	2,586.02	2,585.24	17.64	7.79	-22.71	1,556.91	-3,496.30	3,073.10	3,053.40	19.70	156.020		
3,000.00	2,833.71	2,673.81	2,672.98	18.49	8.10	-22.97	1,559.18	-3,498.09	3,036.15	3,015.63	20.52	147.925		
3,100.00	2,924.30	2,761.70	2,760.82	19.35	8.41	-23.24	1,561.50	-3,500.00	2,999.39	2,978.03	21.36	140.427		
3,200.00	3,014.89	2,849.68	2,848.75	20.20	8.73	-23.51	1,563.86	-3,502.02	2,962.82	2,940.62	22.20	133.465		
3,300.00	3,105.48	2,940.87	2,939.88	21.05	9.05	-23.80	1,566.34	-3,504.21	2,926.42	2,903.37	23.05	126.936		
3,400.00	3,196.08	3,037.02	3,035.96	21.91	9.40	-24.11	1,568.92	-3,506.45	2,890.01	2,866.08	23.93	120.776		
3,500.00	3,286.67	3,133.05	3,131.94	22.76	9.74	-24.44	1,571.45	-3,508.55	2,853.54	2,828.74	24.81	115.025		
3,600.00	3,377.26	3,228.98	3,227.82	23.62	10.09	-24.77	1,573.92	-3,510.53	2,817.02	2,791.33	25.69	109.643		
3,700.00	3,467.85	3,324.79	3,323.58	24.47	10.43	-25.10	1,576.33	-3,512.38	2,780.45	2,753.86	26.58	104.596		
3,800.00	3,558.45	3,420.49	3,419.24	25.33	10.77	-25.45	1,578.69	-3,514.10	2,743.82	2,716.34	27.48	99.854		
3,900.00	3,649.04	3,514.66	3,513.37	26.19	11.11	-25.81	1,580.89	-3,515.71	2,707.17	2,678.80	28.38	95.398		
4,000.00	3,739.63	3,608.36	3,607.03	27.05	11.45	-26.17	1,582.80	-3,517.33	2,670.55	2,641.26	29.28	91.196		
4,100.00	3,830.22	3,701.90	3,700.54	27.90	11.78	-26.56	1,584.45	-3,518.94	2,633.95	2,603.75	30.20	87.224		
4,200.00	3,920.81	3,795.29	3,793.91	28.76	12.12	-26.95	1,585.82	-3,520.57	2,597.39	2,566.27	31.12	83.465		
4,300.00	4,011.41	3,888.54	3,887.14	29.62	12.45	-27.37	1,586.92	-3,522.19	2,560.88	2,528.83	32.05	79.902		
4,400.00	4,102.00	3,981.63	3,980.22	30.48	12.79	-27.80	1,587.76	-3,523.83	2,524.43	2,491.44	32.99	76.519		
4,500.00	4,192.59	4,072.02	4,070.59	31.34	13.11	-28.24	1,588.42	-3,525.44	2,488.10	2,454.17	33.94	73.317		
4,600.00	4,283.18	4,162.58	4,161.13	32.20	13.44	-28.69	1,589.01	-3,527.11	2,451.94	2,417.05	34.89	70.272		
4,700.00	4,373.78	4,253.13	4,251.66	33.06	13.76	-29.16	1,589.54	-3,528.82	2,415.95	2,380.09	35.86	67.374		
4,800.00	4,464.37	4,343.67	4,342.18	33.92	14.09	-29.64	1,590.01	-3,530.58	2,380.14	2,343.30	36.84	64.613		
4,900.00	4,554.96	4,434.20	4,432.69	34.78	14.41	-30.13	1,590.41	-3,532.38	2,344.53	2,306.70	37.83	61.981		
5,000.00	4,645.55	4,525.08	4,523.55	35.64	14.74	-30.65	1,590.74	-3,534.24	2,309.11	2,270.28	38.83	59.468		
5,100.00	4,736.14	4,620.17	4,618.63	36.51	15.08	-31.21	1,590.87	-3,536.15	2,273.80	2,233.95	39.85	57.058		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,715.01	4,713.44	37.37	15.41	-31.79	1,590.66	-3,537.97	2,238.53	2,197.64	40.89	54.749		
5,300.00	4,917.33	4,809.57	4,807.99	38.23	15.75	-32.40	1,590.10	-3,539.69	2,203.32	2,161.38	41.94	52.537		
5,400.00	5,007.92	4,903.45	4,901.85	39.09	16.08	-33.03	1,589.41	-3,541.29	2,168.20	2,125.20	43.00	50.421		
5,500.00	5,098.51	4,997.29	4,995.68	39.95	16.41	-33.68	1,588.62	-3,542.78	2,133.19	2,089.11	44.08	48.392		
5,600.00	5,189.11	5,090.68	5,089.05	40.81	16.74	-34.35	1,587.77	-3,544.14	2,098.31	2,053.13	45.18	46.447		
5,700.00	5,279.70	5,179.68	5,178.04	41.68	17.06	-35.00	1,587.00	-3,545.35	2,063.61	2,017.33	46.28	44.586		
5,800.00	5,370.29	5,258.38	5,256.72	42.54	17.33	-35.59	1,586.71	-3,546.69	2,029.55	1,982.16	47.39	42.823		
5,900.00	5,460.88	5,336.38	5,334.71	43.40	17.61	-36.18	1,586.75	-3,548.54	1,996.41	1,947.89	48.52	41.146		
6,000.00	5,551.47	5,431.24	5,429.54	44.26	17.96	-36.92	1,586.90	-3,550.96	1,963.73	1,914.05	49.69	39.521		
6,100.00	5,642.07	5,510.45	5,508.85	45.13	18.89	-39.85	1,565.89	-3,545.18	1,925.83	1,874.74	51.08	37.699		
6,200.00	5,732.66	5,604.32	5,602.71	45.99	19.06	-40.68	1,554.34	-3,542.71	1,886.15	1,833.72	52.42	35.979		
6,300.00	5,823.25	5,694.91	5,693.30	46.85	19.25	-41.63	1,540.92	-3,540.89	1,848.56	1,794.75	53.81	34.352		
6,400.00	5,913.84	5,785.50	5,783.89	47.72	19.51	-43.07	1,520.17	-3,538.86	1,812.67	1,757.36	55.32	32.768		
6,500.00	6,004.44	5,876.10	5,874.49	48.58	19.79	-44.57	1,499.06	-3,536.45	1,777.72	1,720.84	56.88	31.255		
6,600.00	6,095.03	5,966.69	5,965.08	49.44	20.03	-45.82	1,482.17	-3,534.66	1,744.35	1,685.93	58.43	29.856		
6,700.00	6,185.62	6,057.28	6,055.67	50.30	20.30	-47.24	1,463.37	-3,533.12	1,712.88	1,652.84	60.04	28.530		
6,800.00	6,276.21	6,147.87	6,146.26	51.17	20.53	-48.51	1,446.65	-3,532.02	1,683.27	1,621.63	61.65	27.305		
6,900.00	6,366.80	6,238.46	6,236.85	52.03	20.92	-50.53	1,421.68	-3,530.40	1,655.28	1,591.83	63.45	26.088		
7,000.00	6,457.40	6,329.05	6,327.44	52.89	21.37	-52.87	1,396.24	-3,526.26	1,627.01	1,561.70	65.32	24.910		
7,100.00	6,548.00	6,419.64	6,418.03	53.85	21.78	-54.68	1,376.15	-3,520.41	1,592.14	1,524.99	67.15	23.710		
7,200.00	6,638.60	6,510.24	6,508.63	55.05	22.08	-56.15	1,364.22	-3,515.68	1,542.54	1,473.59	68.94	22.374		
7,300.00	6,729.20	6,600.84	6,599.23	56.46	22.34	-57.55	1,355.75	-3,511.56	1,480.10	1,409.35	70.75	20.920		
7,400.00	6,819.80	6,691.44	6,689.83	58.05	22.54	-58.91	1,349.99	-3,508.21	1,406.79	1,334.23	72.56	19.389		
7,500.00	6,910.40	6,782.04	6,780.43	59.78	22.69	-60.31	1,346.27	-3,505.72	1,324.92	1,250.57	74.36	17.819		
7,600.00	7,001.00	6,872.64	6,871.03	61.58	22.78	-61.74	1,344.39	-3,504.31	1,237.05	1,160.93	76.12	16.251		
7,700.00	7,091.60	6,963.24	6,961.63	63.39	22.80	-63.15	1,343.89	-3,503.90	1,145.77	1,067.93	77.84	14.719		
7,800.00	7,182.20	7,053.84	7,052.23	65.19	22.78	-64.55	1,344.31	-3,504.24	1,053.93	974.35	79.58	13.244		
7,900.00	7,272.80	7,144.44	7,142.83	67.04	22.76	-65.91	1,344.80	-3,504.62	963.61	882.02	81.60	11.809		
8,000.00	7,363.40	7,235.04	7,233.43	68.95	22.73	-67.26	1,345.30	-3,505.01	875.36	791.40	83.96	10.426		
8,100.00	7,454.00	7,325.64	7,324.03	70.91	22.71	-68.63	1,345.83	-3,505.40	789.87	703.15	86.72	9.108		
8,200.00	7,544.60	7,416.24	7,414.63	72.91	22.69	-69.99	1,346.38	-3,505.79	708.13	618.21	89.92	7.875		
8,300.00	7,635.20	7,506.84	7,505.23	74.96	22.66	-71.35	1,346.95	-3,506.20	631.61	538.07	93.53	6.753		
8,400.00	7,725.80	7,597.44	7,595.83	77.05	22.64	-72.71	1,347.53	-3,506.60	562.43	465.05	97.38	5.776		
8,500.00	7,816.40	7,688.04	7,686.43	79.18	22.62	-74.07	1,348.11	-3,506.99	503.63	402.67	100.96	4.989		
8,600.00	7,907.00	7,778.64	7,777.03	81.34	22.59	-75.43	1,348.70	-3,507.38	459.21	355.93	103.29	4.446		
8,700.00	7,997.60	7,869.24	7,867.63	83.54	22.57	-76.79	1,349.29	-3,507.77	433.63	330.63	103.00	4.210 SF		
8,764.65	7,997.60	7,869.24	7,867.63	84.97	22.55	-78.15	1,349.68	-3,508.01	428.80	327.87	100.93	4.249 CC, ES		
8,800.00	8,088.20	7,959.84	7,958.23	85.76	22.55	-79.51	1,349.90	-3,508.15	430.25	331.09	99.16	4.339		
8,900.00	8,178.80	8,049.44	8,047.83	88.02	22.52	-80.87	1,350.50	-3,508.53	449.57	357.28	92.30	4.871		
9,000.00	8,269.40	8,140.04	8,138.43	90.30	22.50	-82.23	1,351.12	-3,508.91	488.92	404.78	84.14	5.811		
9,100.00	8,359.99	8,230.64	8,229.03	92.60	22.48	-83.59	1,351.74	-3,509.28	543.96	467.59	76.38	7.122		
9,200.00	8,450.59	8,321.24	8,319.63	94.93	22.45	-84.95	1,352.37	-3,509.66	610.47	540.60	69.87	8.737		
9,300.00	8,541.19	8,411.84	8,410.23	97.28	22.43	-86.31	1,353.00	-3,510.03	685.11	620.29	64.82	10.570		
9,400.00	8,631.79	8,502.44	8,500.83	99.65	22.42	-87.67	1,353.42	-3,510.24	765.46	704.30	61.16	12.516		
9,500.00	8,722.39	8,593.04	8,591.43	102.03	22.40	-89.03	1,354.10	-3,510.64	850.00	791.56	58.44	14.545		
9,600.00	8,812.99	8,683.64	8,682.03	104.43	22.37	-90.39	1,354.79	-3,511.03	937.55	881.03	56.52	16.588		
9,700.00	8,903.59	8,774.24	8,772.63	106.85	22.35	-91.75	1,355.50	-3,511.43	1,027.34	972.14	55.20	18.613		
9,800.00	8,994.19	8,864.84	8,863.23	109.29	22.32	-93.11	1,356.24	-3,511.83	1,118.82	1,064.52	54.30	20.604		
9,900.00	9,084.79	8,955.44	8,953.83	111.73	22.30	-94.47	1,356.99	-3,512.23	1,211.62	1,157.91	53.71	22.557		
10,000.00	9,175.39	9,046.04	9,044.43	114.19	22.27	-95.83	1,357.77	-3,512.63	1,305.45	1,252.11	53.34	24.472		
10,100.00	9,265.99	9,136.64	9,135.03	116.66	22.24	-97.19	1,358.56	-3,513.03	1,400.11	1,346.98	53.13	26.352		
10,200.00	9,356.59	9,227.24	9,225.63	119.15	22.22	-98.55	1,359.38	-3,513.44	1,495.43	1,442.41	53.03	28.201		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,653.81	6,626.18	121.64	22.19	-71.44	1,360.22	-3,513.85	1,591.31	1,538.31	53.00	30.024		
10,400.00	6,840.00	6,646.70	6,619.14	124.14	22.17	-70.54	1,361.08	-3,514.26	1,687.63	1,634.60	53.03	31.824		
10,500.00	6,840.00	6,639.57	6,612.07	126.65	22.14	-69.64	1,361.96	-3,514.67	1,784.34	1,731.25	53.10	33.606		
10,600.00	6,840.00	6,632.42	6,604.99	129.18	22.12	-68.74	1,362.87	-3,515.08	1,881.37	1,828.19	53.19	35.373		
10,700.00	6,840.00	6,625.25	6,597.89	131.70	22.09	-67.85	1,363.80	-3,515.50	1,978.68	1,925.38	53.30	37.126		
10,800.00	6,840.00	6,618.05	6,590.77	134.24	22.06	-66.96	1,364.74	-3,515.91	2,076.22	2,022.80	53.42	38.867		
10,900.00	6,840.00	6,610.84	6,583.64	136.79	22.04	-66.07	1,365.72	-3,516.33	2,173.96	2,120.42	53.55	40.600		
11,000.00	6,840.00	6,603.60	6,576.48	139.34	22.01	-65.19	1,366.71	-3,516.75	2,271.89	2,218.21	53.68	42.323		
11,100.00	6,840.00	6,596.35	6,569.31	141.90	21.98	-64.32	1,367.72	-3,517.17	2,369.97	2,316.15	53.81	44.040		
11,200.00	6,840.00	6,589.07	6,562.12	144.46	21.96	-63.44	1,368.76	-3,517.60	2,468.18	2,414.23	53.95	45.751		
11,300.00	6,840.00	6,581.77	6,554.91	147.03	21.93	-62.58	1,369.83	-3,518.02	2,566.52	2,512.43	54.08	47.455		
11,400.00	6,840.00	6,574.45	6,547.68	149.60	21.91	-61.72	1,370.91	-3,518.45	2,664.96	2,610.74	54.22	49.155		
11,500.00	6,840.00	6,567.11	6,540.44	152.18	21.88	-60.87	1,372.02	-3,518.88	2,763.50	2,709.15	54.35	50.850		
11,600.00	6,840.00	6,559.75	6,533.18	154.77	21.85	-60.02	1,373.15	-3,519.31	2,862.13	2,807.65	54.47	52.540		
11,700.00	6,840.00	6,552.37	6,525.90	157.36	21.83	-59.18	1,374.31	-3,519.74	2,960.83	2,906.23	54.60	54.227		
11,800.00	6,840.00	6,544.96	6,518.60	159.95	21.80	-58.34	1,375.49	-3,520.17	3,059.60	3,004.88	54.72	55.910		
11,900.00	6,840.00	6,537.54	6,511.29	162.55	21.77	-57.51	1,376.69	-3,520.61	3,158.44	3,103.60	54.84	57.589		
12,000.00	6,840.00	6,530.10	6,503.96	165.16	21.75	-56.69	1,377.92	-3,521.04	3,257.33	3,202.37	54.96	59.265		
12,100.00	6,840.00	6,522.78	6,496.73	167.76	21.73	-55.81	1,378.80	-3,521.36	3,356.28	3,301.19	55.10	60.918		
12,200.00	6,840.00	6,520.39	6,494.41	170.37	21.71	-55.64	1,379.55	-3,521.61	3,455.28	3,400.05	55.23	62.559		
12,300.00	6,840.00	6,516.09	6,490.18	172.99	21.69	-55.17	1,380.28	-3,521.86	3,554.33	3,498.97	55.37	64.197		
12,400.00	6,840.00	6,511.88	6,486.04	175.60	21.68	-54.72	1,381.00	-3,522.10	3,653.43	3,597.93	55.50	65.830		
12,500.00	6,840.00	6,507.75	6,481.98	178.23	21.66	-54.28	1,381.71	-3,522.33	3,752.56	3,696.94	55.63	67.460		
12,600.00	6,840.00	6,503.71	6,478.01	180.85	21.65	-53.86	1,382.42	-3,522.55	3,851.74	3,795.99	55.75	69.087		
12,700.00	6,840.00	6,499.75	6,474.11	183.47	21.63	-53.44	1,383.11	-3,522.77	3,950.95	3,895.07	55.88	70.710		
12,800.00	6,840.00	6,495.87	6,470.30	186.10	21.62	-53.04	1,383.80	-3,522.98	4,050.19	3,994.20	56.00	72.329		
12,900.00	6,840.00	6,492.06	6,466.56	188.74	21.61	-52.64	1,384.48	-3,523.19	4,149.47	4,093.35	56.12	73.945		
13,000.00	6,840.00	6,488.33	6,462.89	191.37	21.59	-52.26	1,385.15	-3,523.39	4,248.77	4,192.54	56.23	75.557		
13,100.00	6,840.00	6,484.67	6,459.30	194.01	21.58	-51.88	1,385.81	-3,523.58	4,348.11	4,291.76	56.35	77.166		
13,200.00	6,840.00	6,481.08	6,455.78	196.65	21.56	-51.52	1,386.46	-3,523.77	4,447.46	4,391.00	56.46	78.771		
13,300.00	6,840.00	6,477.56	6,452.32	199.29	21.55	-51.16	1,387.10	-3,523.95	4,546.64	4,490.27	56.57	80.373		
13,400.00	6,840.00	6,474.11	6,448.93	201.93	21.54	-50.82	1,387.74	-3,524.13	4,646.25	4,589.57	56.68	81.971		
13,500.00	6,840.00	6,464.00	6,439.01	204.58	21.50	-49.81	1,389.62	-3,524.64	4,745.68	4,688.93	56.75	83.627		
13,600.00	6,840.00	6,464.00	6,439.01	207.22	21.50	-49.81	1,389.62	-3,524.64	4,845.12	4,788.25	56.88	85.188		
13,700.00	6,840.00	6,464.00	6,439.01	209.87	21.50	-49.81	1,389.62	-3,524.64	4,944.58	4,887.58	57.00	86.745		
13,800.00	6,840.00	6,464.00	6,439.01	212.52	21.50	-49.81	1,389.62	-3,524.64	5,044.07	4,986.94	57.12	88.299		
13,900.00	6,840.00	6,464.00	6,439.01	215.18	21.50	-49.81	1,389.62	-3,524.64	5,143.57	5,086.33	57.25	89.851		
14,000.00	6,840.00	6,464.00	6,439.01	217.83	21.50	-49.81	1,389.62	-3,524.64	5,243.09	5,185.73	57.37	91.399		
14,100.00	6,840.00	6,452.79	6,428.02	220.49	21.46	-48.72	1,391.73	-3,525.18	5,342.61	5,285.20	57.42	93.048		
14,200.00	6,840.00	6,450.09	6,425.37	223.15	21.45	-48.46	1,392.25	-3,525.31	5,442.16	5,384.64	57.52	94.615		
14,300.00	6,840.00	6,447.43	6,422.76	225.81	21.44	-48.21	1,392.75	-3,525.44	5,541.72	5,484.10	57.62	96.178		
14,400.00	6,840.00	6,444.82	6,420.20	228.47	21.43	-47.96	1,393.25	-3,525.56	5,641.29	5,583.58	57.72	97.738		
14,500.00	6,840.00	6,442.25	6,417.68	231.13	21.42	-47.71	1,393.74	-3,525.68	5,740.88	5,683.06	57.82	99.294		
14,600.00	6,840.00	6,439.73	6,415.21	233.79	21.41	-47.48	1,394.22	-3,525.79	5,840.48	5,782.56	57.91	100.846		
14,700.00	6,840.00	6,437.25	6,412.78	236.46	21.40	-47.24	1,394.70	-3,525.91	5,940.09	5,882.08	58.01	102.395		
14,800.00	6,840.00	6,434.81	6,410.38	239.12	21.39	-47.02	1,395.17	-3,526.02	6,039.71	5,981.60	58.11	103.940		
14,900.00	6,840.00	6,432.41	6,408.03	241.79	21.39	-46.79	1,395.63	-3,526.12	6,139.34	6,081.14	58.20	105.481		
15,000.00	6,840.00	6,430.05	6,405.72	244.46	21.38	-46.58	1,396.08	-3,526.23	6,238.98	6,180.69	58.30	107.019		
15,100.00	6,840.00	6,427.73	6,403.45	247.13	21.37	-46.36	1,396.53	-3,526.33	6,338.64	6,280.24	58.39	108.552		
15,200.00	6,840.00	6,425.45	6,401.21	249.80	21.36	-46.15	1,396.97	-3,526.43	6,438.30	6,379.81	58.49	110.082		
15,300.00	6,840.00	6,423.21	6,399.01	252.47	21.35	-45.95	1,397.40	-3,526.53	6,537.96	6,479.39	58.58	111.608		
15,400.00	6,840.00	6,421.00	6,396.85	255.15	21.34	-45.75	1,397.83	-3,526.62	6,637.64	6,578.97	58.67	113.131		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,418.82	6,394.71	257.82	21.34	-45.55	1,398.26	-3,526.71	6,737.33	6,678.56	58.76	114.649	
15,600.00	6,840.00	6,416.68	6,392.62	260.50	21.33	-45.36	1,398.67	-3,526.80	6,837.02	6,778.17	58.86	116.163	
15,700.00	6,840.00	6,414.58	6,390.55	263.17	21.32	-45.17	1,399.08	-3,526.89	6,936.72	6,877.77	58.95	117.674	
15,800.00	6,840.00	6,400.00	6,376.27	265.85	21.27	-43.88	1,401.94	-3,527.48	7,036.45	6,977.47	58.98	119.301	
15,900.00	6,840.00	6,400.00	6,376.27	268.53	21.27	-43.88	1,401.94	-3,527.48	7,136.16	7,077.08	59.08	120.785	
16,000.00	6,840.00	6,400.00	6,376.27	271.20	21.27	-43.88	1,401.94	-3,527.48	7,235.88	7,176.70	59.18	122.264	
16,100.00	6,840.00	6,400.00	6,376.27	273.88	21.27	-43.88	1,401.94	-3,527.48	7,335.60	7,276.32	59.28	123.740	
16,200.00	6,840.00	6,400.00	6,376.27	276.56	21.27	-43.88	1,401.94	-3,527.48	7,435.34	7,375.95	59.38	125.211	
16,300.00	6,840.00	6,400.00	6,376.27	279.25	21.27	-43.88	1,401.94	-3,527.48	7,535.07	7,475.59	59.48	126.679	
16,400.00	6,840.00	6,400.00	6,376.27	281.93	21.27	-43.88	1,401.94	-3,527.48	7,634.82	7,575.24	59.58	128.143	
16,500.00	6,840.00	6,400.00	6,376.27	284.61	21.27	-43.88	1,401.94	-3,527.48	7,734.57	7,674.89	59.68	129.603	
16,600.00	6,840.00	6,400.00	6,376.27	287.29	21.27	-43.88	1,401.94	-3,527.48	7,834.33	7,774.55	59.78	131.059	
16,700.00	6,840.00	6,400.00	6,376.27	289.98	21.27	-43.88	1,401.94	-3,527.48	7,934.10	7,874.22	59.87	132.511	
16,800.00	6,840.00	6,400.00	6,376.27	292.66	21.27	-43.88	1,401.94	-3,527.48	8,033.87	7,973.89	59.97	133.959	
16,900.00	6,840.00	6,400.00	6,376.27	295.35	21.27	-43.88	1,401.94	-3,527.48	8,133.64	8,073.57	60.07	135.403	
17,000.00	6,840.00	6,400.00	6,376.27	298.03	21.27	-43.88	1,401.94	-3,527.48	8,233.42	8,173.26	60.17	136.843	
17,100.00	6,840.00	6,400.00	6,376.27	300.72	21.27	-43.88	1,401.94	-3,527.48	8,333.21	8,272.95	60.26	138.279	
17,200.00	6,840.00	6,400.00	6,376.27	303.41	21.27	-43.88	1,401.94	-3,527.48	8,433.00	8,372.64	60.36	139.711	
17,300.00	6,840.00	6,400.00	6,376.27	306.09	21.27	-43.88	1,401.94	-3,527.48	8,532.80	8,472.34	60.46	141.139	
17,400.00	6,840.00	6,400.00	6,376.27	308.78	21.27	-43.88	1,401.94	-3,527.48	8,632.60	8,572.05	60.55	142.563	
17,500.00	6,840.00	6,400.00	6,376.27	311.47	21.27	-43.88	1,401.94	-3,527.48	8,732.41	8,671.76	60.65	143.983	
17,600.00	6,840.00	6,400.00	6,376.27	314.16	21.27	-43.88	1,401.94	-3,527.48	8,832.22	8,771.47	60.75	145.398	
17,700.00	6,840.00	6,400.00	6,376.27	316.85	21.27	-43.88	1,401.94	-3,527.48	8,932.03	8,871.19	60.84	146.809	
17,800.00	6,840.00	6,400.00	6,376.27	319.54	21.27	-43.88	1,401.94	-3,527.48	9,031.85	8,970.91	60.94	148.217	
17,900.00	6,840.00	6,400.00	6,376.27	322.23	21.27	-43.88	1,401.94	-3,527.48	9,131.67	9,070.64	61.03	149.620	
18,000.00	6,840.00	6,400.00	6,376.27	324.92	21.27	-43.88	1,401.94	-3,527.48	9,231.50	9,170.37	61.13	151.019	
18,100.00	6,840.00	6,400.00	6,376.27	327.62	21.27	-43.88	1,401.94	-3,527.48	9,331.33	9,270.10	61.22	152.413	
18,200.00	6,840.00	6,400.00	6,376.27	330.31	21.27	-43.88	1,401.94	-3,527.48	9,431.16	9,369.84	61.32	153.804	
18,300.00	6,840.00	6,400.00	6,376.27	333.00	21.27	-43.88	1,401.94	-3,527.48	9,531.00	9,469.58	61.41	155.190	
18,400.00	6,840.00	6,400.00	6,376.27	335.70	21.27	-43.88	1,401.94	-3,527.48	9,630.84	9,569.33	61.51	156.573	
18,500.00	6,840.00	6,400.00	6,376.27	338.39	21.27	-43.88	1,401.94	-3,527.48	9,730.68	9,669.08	61.61	157.950	
18,600.00	6,840.00	6,400.00	6,376.27	341.08	21.27	-43.88	1,401.94	-3,527.48	9,830.53	9,768.83	61.70	159.324	
18,700.00	6,840.00	6,400.00	6,376.27	343.78	21.27	-43.88	1,401.94	-3,527.48	9,930.38	9,868.58	61.80	160.694	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-66.03	1,535.41	-3,453.59	3,780.25					
100.00	100.00	25.75	25.75	0.13	0.05	-66.03	1,535.41	-3,453.59	3,779.52	3,779.34	0.18	N/A		
200.00	200.00	124.81	124.81	0.49	0.22	-66.03	1,535.37	-3,453.63	3,779.54	3,778.83	0.71	5,314.984		
300.00	300.00	223.86	223.86	0.85	0.39	-66.03	1,535.30	-3,453.71	3,779.59	3,778.34	1.24	3,041.270		
400.00	400.00	322.91	322.91	1.21	0.56	-66.04	1,535.17	-3,453.84	3,779.66	3,777.88	1.77	2,130.079		
500.00	499.98	421.94	421.94	1.57	0.74	-16.79	1,535.00	-3,454.02	3,778.08	3,775.78	2.30	1,639.961		
600.00	599.84	520.85	520.85	1.93	0.91	-16.85	1,534.79	-3,454.24	3,773.19	3,770.35	2.83	1,331.044		
700.00	699.45	619.52	619.52	2.29	1.08	-16.94	1,534.53	-3,454.52	3,764.99	3,761.62	3.37	1,117.779		
800.00	798.70	717.84	717.83	2.67	1.26	-17.07	1,534.23	-3,454.83	3,753.50	3,749.59	3.90	961.420		
900.00	897.47	815.67	815.67	3.07	1.43	-17.23	1,533.89	-3,455.19	3,738.73	3,734.29	4.44	841.548		
1,000.00	995.62	899.44	899.43	3.50	1.62	-17.42	1,533.70	-3,455.69	3,720.93	3,715.93	5.00	743.499		
1,100.00	1,093.06	985.60	985.60	3.97	1.80	-17.65	1,533.65	-3,456.42	3,700.17	3,694.60	5.57	664.669		
1,200.00	1,189.64	1,071.17	1,071.16	4.47	1.99	-17.91	1,533.74	-3,457.37	3,676.47	3,670.34	6.13	599.272		
1,300.00	1,285.27	1,156.06	1,156.04	5.01	2.17	-18.21	1,533.96	-3,458.53	3,649.88	3,643.17	6.71	543.982		
1,400.00	1,379.82	1,240.20	1,240.16	5.61	2.35	-18.55	1,534.32	-3,459.90	3,620.41	3,613.12	7.29	496.492		
1,500.00	1,473.17	1,323.49	1,323.44	6.25	2.53	-18.93	1,534.81	-3,461.47	3,588.11	3,580.23	7.88	455.154		
1,600.00	1,565.21	1,403.90	1,403.83	6.96	2.71	-19.36	1,535.41	-3,463.21	3,553.05	3,544.56	8.49	418.703		
1,700.00	1,656.01	1,483.64	1,483.54	7.72	2.89	-19.69	1,536.12	-3,465.19	3,515.61	3,506.51	9.10	386.340		
1,800.00	1,746.60	1,563.45	1,563.31	8.50	3.07	-19.90	1,536.95	-3,467.41	3,478.12	3,468.41	9.72	357.993		
1,900.00	1,837.19	1,643.48	1,643.30	9.30	3.24	-20.11	1,537.90	-3,469.89	3,441.00	3,430.65	10.34	332.710		
2,000.00	1,927.79	1,723.73	1,723.50	10.12	3.42	-20.32	1,538.98	-3,472.62	3,404.24	3,393.26	10.98	310.077		
2,100.00	2,018.38	1,804.21	1,803.92	10.93	3.60	-20.53	1,540.17	-3,475.61	3,367.85	3,356.23	11.62	289.735		
2,200.00	2,108.97	1,895.65	1,895.27	11.76	3.85	-20.78	1,541.67	-3,479.21	3,331.77	3,319.44	12.34	270.086		
2,300.00	2,199.56	2,000.39	1,999.93	12.59	4.17	-21.07	1,543.55	-3,482.98	3,295.51	3,282.38	13.13	251.056		
2,400.00	2,290.15	2,104.92	2,104.38	13.43	4.49	-21.36	1,545.59	-3,486.25	3,258.95	3,245.03	13.92	234.100		
2,500.00	2,380.75	2,209.23	2,208.63	14.26	4.81	-21.65	1,547.79	-3,489.03	3,222.09	3,207.37	14.72	218.903		
2,600.00	2,471.34	2,313.31	2,312.66	15.11	5.13	-21.93	1,550.15	-3,491.31	3,184.95	3,169.42	15.52	205.207		
2,700.00	2,561.93	2,417.17	2,416.47	15.95	5.45	-22.22	1,552.68	-3,493.11	3,147.50	3,131.18	16.32	192.804		
2,800.00	2,652.52	2,498.32	2,497.59	16.80	5.73	-22.46	1,554.69	-3,494.62	3,110.23	3,093.11	17.11	181.733		
2,900.00	2,743.12	2,586.02	2,585.24	17.64	6.02	-22.71	1,556.91	-3,496.30	3,073.10	3,055.18	17.92	171.535		
3,000.00	2,833.71	2,673.81	2,672.98	18.49	6.31	-22.97	1,559.18	-3,498.09	3,036.15	3,017.43	18.72	162.169		
3,100.00	2,924.30	2,761.70	2,760.82	19.35	6.61	-23.24	1,561.50	-3,500.00	2,999.39	2,979.86	19.54	153.539		
3,200.00	3,014.89	2,849.68	2,848.75	20.20	6.90	-23.51	1,563.86	-3,502.02	2,962.82	2,942.47	20.35	145.565		
3,300.00	3,105.48	2,940.87	2,939.88	21.05	7.21	-23.80	1,566.34	-3,504.21	2,926.42	2,905.23	21.19	138.099		
3,400.00	3,196.08	3,037.02	3,035.96	21.91	7.54	-24.11	1,568.92	-3,506.45	2,890.01	2,867.96	22.05	131.056		
3,500.00	3,286.67	3,133.05	3,131.94	22.76	7.87	-24.44	1,571.45	-3,508.55	2,853.54	2,830.63	22.92	124.513		
3,600.00	3,377.26	3,228.98	3,227.82	23.62	8.20	-24.77	1,573.92	-3,510.53	2,817.02	2,793.23	23.79	118.417		
3,700.00	3,467.85	3,324.79	3,323.58	24.47	8.53	-25.10	1,576.33	-3,512.38	2,780.45	2,755.78	24.67	112.726		
3,800.00	3,558.45	3,420.49	3,419.24	25.33	8.86	-25.45	1,578.69	-3,514.10	2,743.82	2,718.27	25.55	107.399		
3,900.00	3,649.04	3,514.66	3,513.37	26.19	9.19	-25.81	1,580.89	-3,515.71	2,707.17	2,680.74	26.44	102.400		
4,000.00	3,739.63	3,608.36	3,607.03	27.05	9.52	-26.17	1,582.80	-3,517.33	2,670.55	2,643.21	27.33	97.700		
4,100.00	3,830.22	3,701.90	3,700.54	27.90	9.84	-26.56	1,584.45	-3,518.94	2,633.95	2,605.71	28.24	93.274		
4,200.00	3,920.81	3,795.29	3,793.91	28.76	10.17	-26.95	1,585.82	-3,520.57	2,597.39	2,568.24	29.15	89.099		
4,300.00	4,011.41	3,888.54	3,887.14	29.62	10.49	-27.37	1,586.92	-3,522.19	2,560.88	2,530.81	30.07	85.153		
4,400.00	4,102.00	3,981.63	3,980.22	30.48	10.82	-27.80	1,587.76	-3,523.83	2,524.43	2,493.43	31.01	81.420		
4,500.00	4,192.59	4,072.02	4,070.59	31.34	11.14	-28.24	1,588.42	-3,525.44	2,488.10	2,456.16	31.94	77.891		
4,600.00	4,283.18	4,162.58	4,161.13	32.20	11.45	-28.69	1,589.01	-3,527.11	2,451.94	2,419.05	32.89	74.545		
4,700.00	4,373.78	4,253.13	4,251.66	33.06	11.77	-29.16	1,589.54	-3,528.82	2,415.95	2,382.10	33.85	71.369		
4,800.00	4,464.37	4,343.67	4,342.18	33.92	12.09	-29.64	1,590.01	-3,530.58	2,380.14	2,345.32	34.82	68.351		
4,900.00	4,554.96	4,434.20	4,432.69	34.78	12.41	-30.13	1,590.41	-3,532.38	2,344.53	2,308.72	35.80	65.480		
5,000.00	4,645.55	4,525.08	4,523.55	35.64	12.73	-30.65	1,590.74	-3,534.24	2,309.11	2,272.31	36.80	62.747		
5,100.00	4,736.14	4,620.17	4,618.63	36.51	13.06	-31.21	1,590.87	-3,536.15	2,273.80	2,235.98	37.81	60.130		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,826.74	4,715.01	4,713.44	37.37	13.39	-31.79	1,590.66	-3,537.97	2,238.53	2,199.69	38.84	57.629		
5,300.00	4,917.33	4,809.57	4,807.99	38.23	13.72	-32.40	1,590.10	-3,539.69	2,203.32	2,163.43	39.89	55.237		
5,400.00	5,007.92	4,903.45	4,901.85	39.09	14.04	-33.03	1,589.41	-3,541.29	2,168.20	2,127.26	40.94	52.955		
5,500.00	5,098.51	4,997.29	4,995.68	39.95	14.36	-33.68	1,588.62	-3,542.78	2,133.19	2,091.18	42.02	50.770		
5,600.00	5,189.11	5,059.42	5,057.73	40.81	14.58	-34.17	1,586.56	-3,544.10	2,098.71	2,055.64	43.07	48.724		
5,700.00	5,279.70	5,109.00	5,106.90	41.68	14.74	-34.68	1,580.94	-3,546.95	2,066.52	2,022.37	44.15	46.805		
5,800.00	5,370.29	5,186.11	5,183.14	42.54	15.00	-35.53	1,570.74	-3,552.41	2,035.97	1,990.63	45.33	44.910		
5,900.00	5,460.88	5,270.83	5,266.75	43.40	15.29	-36.52	1,558.51	-3,558.46	2,006.04	1,959.46	46.58	43.070		
6,000.00	5,551.47	5,333.42	5,328.28	44.26	15.51	-37.30	1,548.26	-3,563.66	1,977.69	1,929.91	47.78	41.391		
6,100.00	5,642.07	5,406.18	5,399.48	45.13	15.76	-38.27	1,534.93	-3,570.47	1,951.00	1,901.94	49.06	39.767		
6,200.00	5,732.66	5,502.30	5,493.09	45.99	16.10	-39.63	1,515.28	-3,579.92	1,925.63	1,875.13	50.50	38.132		
6,300.00	5,823.25	5,625.39	5,613.71	46.85	16.55	-41.34	1,492.80	-3,589.72	1,899.56	1,847.48	52.08	36.476		
6,400.00	5,913.84	5,696.45	5,683.52	47.72	16.81	-42.33	1,480.83	-3,595.36	1,874.53	1,821.10	53.44	35.081		
6,500.00	6,004.44	5,821.58	5,806.80	48.58	17.28	-44.05	1,461.39	-3,604.42	1,849.89	1,794.84	55.06	33.600		
6,600.00	6,095.03	5,885.49	5,869.78	49.44	17.52	-44.95	1,451.53	-3,609.01	1,826.05	1,769.62	56.43	32.361		
6,700.00	6,185.62	5,990.19	5,973.11	50.30	17.92	-46.43	1,436.36	-3,616.40	1,803.13	1,745.12	58.00	31.086		
6,800.00	6,276.21	6,089.67	6,071.40	51.17	18.29	-47.86	1,422.35	-3,622.65	1,780.50	1,720.92	59.58	29.884		
6,900.00	6,366.80	6,179.99	6,160.79	52.03	18.64	-49.15	1,410.58	-3,627.87	1,758.32	1,697.20	61.13	28.766		
7,000.00	6,457.40	6,251.96	6,232.09	52.89	18.91	-50.18	1,401.92	-3,632.52	1,737.64	1,675.05	62.59	27.762		
7,100.00	6,545.60	6,363.76	6,342.83	53.85	19.34	-52.18	1,388.18	-3,639.33	1,711.18	1,646.87	64.31	26.608		
7,200.00	6,626.13	6,445.68	6,424.05	55.05	19.65	-57.66	1,378.41	-3,643.68	1,669.10	1,603.13	65.97	25.300		
7,300.00	6,696.49	6,505.56	6,483.38	56.46	19.88	-56.32	1,370.99	-3,647.02	1,613.52	1,545.92	67.60	23.868		
7,400.00	6,754.56	6,561.23	6,538.46	58.05	20.10	-57.87	1,363.76	-3,650.45	1,546.26	1,476.98	69.27	22.321		
7,500.00	6,798.57	6,619.13	6,595.78	59.78	20.32	-54.13	1,356.32	-3,653.79	1,468.60	1,397.60	71.00	20.683		
7,600.00	6,827.18	6,651.38	6,627.73	61.58	20.45	-52.52	1,352.18	-3,655.56	1,382.94	1,310.33	72.61	19.046		
7,700.00	6,839.51	6,669.23	6,645.40	63.39	20.52	-69.11	1,349.89	-3,656.52	1,291.79	1,217.66	74.13	17.425		
7,800.00	6,840.00	6,675.93	6,652.04	65.19	20.54	-75.10	1,349.03	-3,656.87	1,198.46	1,122.84	75.63	15.847		
7,900.00	6,840.00	6,681.93	6,657.98	67.04	20.57	-75.87	1,348.26	-3,657.19	1,106.16	1,028.82	77.33	14.303		
8,000.00	6,840.00	6,687.77	6,663.76	68.95	20.59	-76.62	1,347.52	-3,657.49	1,015.28	935.96	79.32	12.800		
8,100.00	6,840.00	6,693.47	6,669.40	70.91	20.61	-77.35	1,346.79	-3,657.78	926.25	844.61	81.63	11.346		
8,200.00	6,840.00	6,699.02	6,674.90	72.91	20.63	-78.07	1,346.08	-3,658.06	839.66	755.32	84.34	9.956		
8,300.00	6,840.00	6,704.44	6,680.27	74.96	20.65	-78.77	1,345.39	-3,658.33	756.35	668.86	87.49	8.645		
8,400.00	6,840.00	6,709.72	6,685.50	77.05	20.67	-79.46	1,344.72	-3,658.58	677.53	586.43	91.10	7.437		
8,500.00	6,840.00	6,714.87	6,690.61	79.18	20.69	-80.13	1,344.07	-3,658.83	604.97	509.87	95.09	6.362		
8,600.00	6,840.00	6,719.91	6,695.60	81.34	20.71	-80.78	1,343.43	-3,659.07	541.17	442.00	99.17	5.457		
8,700.00	6,840.00	6,724.82	6,700.47	83.54	20.73	-81.42	1,342.81	-3,659.31	489.60	386.97	102.63	4.770		
8,800.00	6,840.00	6,729.62	6,705.22	85.76	20.75	-82.05	1,342.21	-3,659.53	454.43	350.14	104.29	4.357		
8,900.00	6,840.00	6,734.44	6,710.00	88.02	20.77	-82.68	1,341.60	-3,659.75	439.61	336.74	102.87	4.273 ES, SF		
8,916.39	6,840.00	6,735.27	6,710.82	88.39	20.77	-82.78	1,341.50	-3,659.79	439.30	337.00	102.30	4.294 CC		
9,000.00	6,840.00	6,739.43	6,714.94	90.30	20.79	-83.33	1,340.98	-3,659.98	447.17	349.16	98.01	4.563		
9,100.00	6,840.00	6,744.23	6,719.70	92.60	20.81	-83.95	1,340.38	-3,660.19	476.05	385.28	90.78	5.244		
9,200.00	6,840.00	6,748.87	6,724.30	94.93	20.82	-84.56	1,339.82	-3,660.40	522.73	439.80	82.93	6.303		
9,300.00	6,840.00	6,753.34	6,728.74	97.28	20.84	-85.14	1,339.27	-3,660.59	582.95	507.16	75.79	7.691		
9,400.00	6,840.00	6,757.67	6,733.03	99.65	20.86	-85.70	1,338.75	-3,660.77	652.97	583.05	69.92	9.338		
9,500.00	6,840.00	6,761.84	6,737.17	102.03	20.87	-86.24	1,338.25	-3,660.95	729.99	664.62	65.37	11.167		
9,600.00	6,840.00	6,765.88	6,741.18	104.43	20.89	-86.77	1,337.77	-3,661.11	812.01	750.04	61.97	13.104		
9,700.00	6,840.00	6,769.79	6,745.06	106.85	20.90	-87.27	1,337.31	-3,661.27	897.67	838.19	59.48	15.092		
9,800.00	6,840.00	6,773.58	6,748.81	109.29	20.92	-87.77	1,336.87	-3,661.42	986.01	928.32	57.69	17.092		
9,900.00	6,840.00	6,777.24	6,752.45	111.73	20.93	-88.24	1,336.45	-3,661.56	1,076.39	1,019.96	56.42	19.077		
10,000.00	6,840.00	6,780.79	6,755.97	114.19	20.95	-88.70	1,336.04	-3,661.70	1,168.32	1,112.78	55.54	21.035		
10,100.00	6,840.00	6,784.23	6,759.39	116.66	20.96	-89.14	1,335.65	-3,661.83	1,261.47	1,206.52	54.94	22.960		
10,200.00	6,840.00	6,787.57	6,762.71	119.15	20.97	-89.57	1,335.27	-3,661.95	1,355.58	1,301.04	54.55	24.852		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,790.81	6,765.92	121.64	20.99	-89.99	1,334.91	-3,662.07	1,450.48	1,396.18	54.30	26.712		
10,400.00	6,840.00	6,793.96	6,769.05	124.14	21.00	-90.39	1,334.55	-3,662.18	1,546.01	1,491.85	54.16	28.544		
10,500.00	6,840.00	6,797.91	6,772.98	126.65	21.01	-90.90	1,334.12	-3,662.33	1,642.07	1,587.95	54.12	30.341		
10,600.00	6,840.00	6,802.38	6,777.41	129.18	21.03	-91.47	1,333.62	-3,662.49	1,738.56	1,684.41	54.15	32.109		
10,700.00	6,840.00	6,806.92	6,781.92	131.70	21.05	-92.05	1,333.13	-3,662.65	1,835.42	1,781.21	54.21	33.856		
10,800.00	6,840.00	6,811.55	6,786.52	134.24	21.06	-92.64	1,332.63	-3,662.82	1,932.59	1,878.28	54.31	35.585		
10,900.00	6,840.00	6,816.26	6,791.20	136.79	21.08	-93.24	1,332.12	-3,663.00	2,030.03	1,975.60	54.43	37.297		
11,000.00	6,840.00	6,821.06	6,795.97	139.34	21.10	-93.85	1,331.61	-3,663.17	2,127.69	2,073.13	54.56	38.994		
11,100.00	6,840.00	6,825.95	6,800.83	141.90	21.12	-94.46	1,331.10	-3,663.36	2,225.56	2,170.85	54.71	40.678		
11,200.00	6,840.00	6,830.93	6,805.78	144.46	21.14	-95.09	1,330.57	-3,663.55	2,323.60	2,268.73	54.87	42.349		
11,300.00	6,840.00	6,836.01	6,810.83	147.03	21.16	-95.72	1,330.05	-3,663.74	2,421.79	2,366.76	55.03	44.009		
11,400.00	6,840.00	6,841.18	6,815.97	149.60	21.18	-96.37	1,329.52	-3,663.94	2,520.12	2,464.92	55.19	45.659		
11,500.00	6,840.00	6,846.46	6,821.21	152.18	21.20	-97.02	1,328.98	-3,664.15	2,618.56	2,563.20	55.36	47.299		
11,600.00	6,840.00	6,851.84	6,826.56	154.77	21.22	-97.68	1,328.44	-3,664.36	2,717.12	2,661.58	55.53	48.930		
11,700.00	6,840.00	6,857.32	6,832.02	157.36	21.24	-98.36	1,327.90	-3,664.58	2,815.76	2,760.06	55.70	50.551		
11,800.00	6,840.00	6,870.59	6,845.21	159.95	21.29	-99.97	1,326.62	-3,665.13	2,914.49	2,858.53	55.96	52.083		
11,900.00	6,840.00	6,889.94	6,864.46	162.55	21.36	-102.28	1,324.85	-3,665.99	3,013.28	2,957.00	56.28	53.541		
12,000.00	6,840.00	6,913.49	6,887.89	165.16	21.45	-105.01	1,322.86	-3,667.15	3,112.11	3,055.47	56.64	54.944		
12,100.00	6,840.00	12,100.00	6,874.56	167.76	41.20	-103.47	1,324.13	-3,666.58	3,210.90	3,134.75	76.15	42.166		
12,200.00	6,840.00	12,200.00	6,879.19	170.37	41.58	-104.01	1,323.72	-3,666.80	3,309.87	3,233.22	76.65	43.180		
12,300.00	6,840.00	6,943.63	6,917.91	172.99	21.56	-108.40	1,320.63	-3,668.76	3,408.88	3,351.63	57.25	59.542		
12,400.00	6,840.00	6,951.50	6,925.76	175.60	21.59	-109.26	1,320.13	-3,669.19	3,507.90	3,450.47	57.43	61.085		
12,500.00	6,840.00	6,959.43	6,933.66	178.23	21.62	-110.12	1,319.65	-3,669.62	3,606.96	3,549.36	57.60	62.620		
12,600.00	6,840.00	6,967.41	6,941.61	180.85	21.65	-110.97	1,319.21	-3,670.06	3,706.06	3,648.29	57.77	64.148		
12,700.00	6,840.00	6,975.44	6,949.62	183.47	21.68	-111.82	1,318.80	-3,670.50	3,805.20	3,747.25	57.95	65.669		
12,800.00	6,840.00	6,983.53	6,957.68	186.10	21.71	-112.67	1,318.42	-3,670.94	3,904.37	3,846.25	58.12	67.182		
12,900.00	6,840.00	6,991.66	6,965.80	188.74	21.74	-113.51	1,318.07	-3,671.39	4,003.57	3,945.28	58.29	68.688		
13,000.00	6,840.00	6,999.85	6,973.97	191.37	21.78	-114.35	1,317.76	-3,671.84	4,102.80	4,044.34	58.45	70.188		
13,100.00	6,840.00	6,995.65	6,969.78	194.01	21.76	-113.92	1,317.90	-3,671.60	4,202.07	4,143.57	58.50	71.833		
13,200.00	6,840.00	6,998.90	6,973.02	196.65	21.77	-114.25	1,317.76	-3,671.77	4,301.37	4,242.75	58.62	73.382		
13,300.00	6,840.00	7,002.08	6,976.20	199.29	21.78	-114.57	1,317.63	-3,671.94	4,400.69	4,341.96	58.73	74.928		
13,400.00	6,840.00	7,005.20	6,979.31	201.93	21.79	-114.88	1,317.50	-3,672.11	4,500.04	4,441.20	58.85	76.470		
13,500.00	6,840.00	7,008.27	6,982.37	204.58	21.81	-115.19	1,317.38	-3,672.26	4,599.42	4,540.46	58.96	78.008		
13,600.00	6,840.00	7,011.27	6,985.37	207.22	21.82	-115.49	1,317.26	-3,672.42	4,698.82	4,639.74	59.07	79.542		
13,700.00	6,840.00	7,014.22	6,988.31	209.87	21.83	-115.78	1,317.14	-3,672.57	4,798.24	4,739.05	59.18	81.072		
13,800.00	6,840.00	7,017.11	6,991.19	212.52	21.84	-116.07	1,317.02	-3,672.71	4,897.68	4,838.38	59.30	82.598		
13,900.00	6,840.00	7,019.95	6,994.03	215.18	21.85	-116.35	1,316.91	-3,672.85	4,997.14	4,937.73	59.40	84.120		
14,000.00	6,840.00	7,022.74	6,996.81	217.83	21.86	-116.62	1,316.80	-3,672.99	5,096.62	5,037.11	59.51	85.639		
14,100.00	6,840.00	7,025.48	6,999.55	220.49	21.87	-116.88	1,316.69	-3,673.13	5,196.11	5,136.49	59.62	87.153		
14,200.00	6,840.00	7,028.17	7,002.23	223.15	21.88	-117.14	1,316.59	-3,673.26	5,295.63	5,235.90	59.73	88.664		
14,300.00	6,840.00	7,030.81	7,004.87	225.81	21.89	-117.40	1,316.48	-3,673.38	5,395.16	5,335.32	59.83	90.171		
14,400.00	6,840.00	7,033.41	7,007.46	228.47	21.90	-117.64	1,316.38	-3,673.51	5,494.70	5,434.76	59.94	91.674		
14,500.00	6,840.00	7,035.96	7,010.00	231.13	21.91	-117.89	1,316.29	-3,673.63	5,594.26	5,534.22	60.04	93.174		
14,600.00	6,840.00	7,038.46	7,012.50	233.79	21.92	-118.12	1,316.19	-3,673.75	5,693.83	5,633.68	60.14	94.669		
14,700.00	6,840.00	7,051.00	7,025.02	236.46	21.96	-119.30	1,315.73	-3,674.32	5,793.43	5,733.09	60.34	96.019		
14,800.00	6,840.00	7,051.00	7,025.02	239.12	21.96	-119.30	1,315.73	-3,674.32	5,893.02	5,832.60	60.42	97.540		
14,900.00	6,840.00	7,051.00	7,025.02	241.79	21.96	-119.30	1,315.73	-3,674.32	5,992.62	5,932.12	60.50	99.057		
15,000.00	6,840.00	7,051.00	7,025.02	244.46	21.96	-119.30	1,315.73	-3,674.32	6,092.23	6,031.66	60.58	100.571		
15,100.00	6,840.00	7,051.00	7,025.02	247.13	21.96	-119.30	1,315.73	-3,674.32	6,191.86	6,131.21	60.66	102.080		
15,200.00	6,840.00	7,051.00	7,025.02	249.80	21.96	-119.30	1,315.73	-3,674.32	6,291.50	6,230.76	60.74	103.586		
15,300.00	6,840.00	7,051.00	7,025.02	252.47	21.96	-119.30	1,315.73	-3,674.32	6,391.15	6,330.34	60.82	105.088		
15,400.00	6,840.00	7,051.00	7,025.02	255.15	21.96	-119.30	1,315.73	-3,674.32	6,490.81	6,429.92	60.90	106.586		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,500.00	6,840.00	7,051.00	7,025.02	257.82	21.96	-119.30	1,315.73	-3,674.32	6,590.49	6,529.51	60.98	108.080		
15,600.00	6,840.00	7,051.00	7,025.02	260.50	21.96	-119.30	1,315.73	-3,674.32	6,690.17	6,629.11	61.06	109.570		
15,700.00	6,840.00	7,051.00	7,025.02	263.17	21.96	-119.30	1,315.73	-3,674.32	6,789.86	6,728.72	61.14	111.057		
15,800.00	6,840.00	7,051.00	7,025.02	265.85	21.96	-119.30	1,315.73	-3,674.32	6,889.56	6,828.34	61.22	112.539		
15,900.00	6,840.00	7,051.00	7,025.02	268.53	21.96	-119.30	1,315.73	-3,674.32	6,989.27	6,927.97	61.30	114.018		
16,000.00	6,840.00	7,067.30	7,041.29	271.20	22.02	-120.78	1,315.14	-3,675.02	7,088.94	7,027.42	61.52	115.239		
16,100.00	6,840.00	7,069.01	7,043.01	273.88	22.03	-120.93	1,315.08	-3,675.09	7,188.66	7,127.05	61.61	116.681		
16,200.00	6,840.00	7,070.70	7,044.69	276.56	22.04	-121.08	1,315.02	-3,675.16	7,288.38	7,226.67	61.70	118.119		
16,300.00	6,840.00	7,072.36	7,046.35	279.25	22.04	-121.23	1,314.97	-3,675.23	7,388.11	7,326.31	61.80	119.553		
16,400.00	6,840.00	7,074.00	7,047.98	281.93	22.05	-121.37	1,314.91	-3,675.29	7,487.84	7,425.95	61.89	120.984		
16,500.00	6,840.00	7,075.61	7,049.59	284.61	22.05	-121.51	1,314.85	-3,675.36	7,587.58	7,525.60	61.98	122.410		
16,600.00	6,840.00	7,077.19	7,051.17	287.29	22.06	-121.65	1,314.80	-3,675.42	7,687.33	7,625.25	62.08	123.833		
16,700.00	6,840.00	7,078.75	7,052.73	289.98	22.06	-121.79	1,314.74	-3,675.48	7,787.08	7,724.91	62.17	125.252		
16,800.00	6,840.00	7,080.28	7,054.26	292.66	22.07	-121.92	1,314.69	-3,675.54	7,886.84	7,824.57	62.26	126.666		
16,900.00	6,840.00	7,081.79	7,055.76	295.35	22.08	-122.05	1,314.64	-3,675.60	7,986.60	7,924.25	62.36	128.077		
17,000.00	6,840.00	7,083.28	7,057.25	298.03	22.08	-122.18	1,314.59	-3,675.65	8,086.37	8,023.92	62.45	129.484		
17,100.00	6,840.00	7,084.74	7,058.71	300.72	22.09	-122.31	1,314.54	-3,675.71	8,186.15	8,123.60	62.54	130.888		
17,200.00	6,840.00	7,086.18	7,060.15	303.41	22.09	-122.43	1,314.49	-3,675.76	8,285.92	8,223.29	62.64	132.287		
17,300.00	6,840.00	7,087.60	7,061.57	306.09	22.10	-122.56	1,314.44	-3,675.82	8,385.71	8,322.98	62.73	133.682		
17,400.00	6,840.00	7,089.00	7,062.96	308.78	22.10	-122.68	1,314.39	-3,675.87	8,485.49	8,422.67	62.82	135.073		
17,500.00	6,840.00	7,090.38	7,064.34	311.47	22.11	-122.79	1,314.35	-3,675.92	8,585.29	8,522.37	62.91	136.460		
17,600.00	6,840.00	7,091.73	7,065.69	314.16	22.11	-122.91	1,314.30	-3,675.97	8,685.08	8,622.08	63.01	137.844		
17,700.00	6,840.00	7,093.07	7,067.03	316.85	22.12	-123.02	1,314.26	-3,676.02	8,784.88	8,721.78	63.10	139.223		
17,800.00	6,840.00	7,094.39	7,068.34	319.54	22.12	-123.13	1,314.21	-3,676.07	8,884.69	8,821.49	63.19	140.598		
17,900.00	6,840.00	7,095.69	7,069.64	322.23	22.13	-123.24	1,314.17	-3,676.11	8,984.49	8,921.21	63.28	141.970		
18,000.00	6,840.00	7,115.00	7,088.93	324.92	22.20	-124.84	1,313.53	-3,676.77	9,084.36	9,020.84	63.52	143.021		
18,100.00	6,840.00	7,115.00	7,088.93	327.62	22.20	-124.84	1,313.53	-3,676.77	9,184.16	9,120.56	63.60	144.405		
18,200.00	6,840.00	7,115.00	7,088.93	330.31	22.20	-124.84	1,313.53	-3,676.77	9,283.98	9,220.29	63.68	145.785		
18,300.00	6,840.00	7,115.00	7,088.93	333.00	22.20	-124.84	1,313.53	-3,676.77	9,383.79	9,320.03	63.77	147.160		
18,400.00	6,840.00	7,115.00	7,088.93	335.70	22.20	-124.84	1,313.53	-3,676.77	9,483.61	9,419.76	63.85	148.532		
18,500.00	6,840.00	7,115.00	7,088.93	338.39	22.20	-124.84	1,313.53	-3,676.77	9,583.44	9,519.50	63.93	149.900		
18,600.00	6,840.00	7,115.00	7,088.93	341.08	22.20	-124.84	1,313.53	-3,676.77	9,683.26	9,619.25	64.02	151.263		
18,700.00	6,840.00	7,115.00	7,088.93	343.78	22.20	-124.84	1,313.53	-3,676.77	9,783.10	9,719.00	64.10	152.623		
18,800.00	6,840.00	7,115.00	7,088.93	346.47	22.20	-124.84	1,313.53	-3,676.77	9,882.93	9,818.75	64.18	153.978		
18,900.00	6,840.00	7,115.00	7,088.93	349.17	22.20	-124.84	1,313.53	-3,676.77	9,982.77	9,918.50	64.27	155.329		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,597.15	4,595.57	37.37	1.79	-65.03	-903.05	-6,272.31	5,344.52	5,308.22	36.31	147.210		
5,300.00	4,917.33	4,686.86	4,685.24	38.23	1.82	-65.39	-902.61	-6,275.02	5,328.05	5,290.85	37.20	143.220		
5,400.00	5,007.92	4,775.40	4,773.72	39.09	1.85	-65.74	-901.73	-6,277.94	5,311.88	5,273.78	38.10	139.423		
5,500.00	5,098.51	4,898.48	4,896.71	39.95	1.88	-66.22	-899.29	-6,282.26	5,295.79	5,256.79	38.99	135.809		
5,600.00	5,189.11	4,974.92	4,973.08	40.81	1.90	-66.52	-897.41	-6,284.92	5,279.71	5,239.82	39.89	132.352		
5,700.00	5,279.70	5,072.86	5,070.93	41.68	1.93	-66.90	-895.24	-6,288.41	5,264.03	5,223.23	40.79	129.047		
5,800.00	5,370.29	5,172.36	5,170.37	42.54	1.96	-67.30	-893.72	-6,291.41	5,248.38	5,206.68	41.70	125.867		
5,900.00	5,460.88	5,276.12	5,274.09	43.40	1.99	-67.73	-892.78	-6,294.07	5,232.86	5,190.25	42.61	122.807		
6,000.00	5,551.47	5,405.10	5,403.05	44.26	2.03	-68.28	-892.08	-6,296.49	5,217.19	5,173.66	43.53	119.858		
6,100.00	5,642.07	5,624.74	5,622.66	45.13	2.08	-69.22	-890.08	-6,297.67	5,200.86	5,156.45	44.41	117.104		
6,200.00	5,732.66	5,686.29	5,684.20	45.99	2.08	-69.48	-888.74	-6,297.55	5,183.38	5,138.06	45.32	114.372		
6,300.00	5,823.25	5,818.25	5,816.13	46.85	2.09	-70.05	-885.84	-6,297.19	5,166.10	5,119.90	46.20	111.818		
6,400.00	5,913.84	5,899.62	5,897.48	47.72	2.09	-70.41	-884.45	-6,296.46	5,148.78	5,101.68	47.10	109.305		
6,500.00	6,004.44	5,981.94	5,979.79	48.58	2.08	-70.77	-883.54	-6,295.62	5,131.91	5,083.90	48.01	106.892		
6,600.00	6,095.03	6,098.75	6,096.59	49.44	2.07	-71.30	-882.77	-6,294.01	5,115.25	5,066.35	48.90	104.603		
6,700.00	6,185.62	6,151.13	6,148.96	50.30	2.07	-71.55	-882.59	-6,293.21	5,098.92	5,049.09	49.83	102.331		
6,800.00	6,276.21	6,207.48	6,205.31	51.17	2.06	-71.81	-882.63	-6,292.74	5,083.59	5,032.84	50.75	100.162		
6,900.00	6,366.80	6,337.32	6,335.14	52.03	2.05	-72.41	-882.36	-6,291.64	5,068.46	5,016.81	51.65	98.125		
7,000.00	6,457.40	6,438.05	6,435.86	52.89	2.04	-72.87	-881.79	-6,290.33	5,053.14	5,000.57	52.56	96.131		
7,100.00	6,545.60	6,513.98	6,511.78	53.85	2.04	-64.17	-881.29	-6,289.48	5,032.51	4,978.95	53.56	93.958		
7,200.00	6,626.13	6,579.80	6,577.60	55.05	2.04	-59.74	-880.86	-6,288.95	4,998.28	4,943.54	54.73	91.322		
7,300.00	6,696.49	6,685.22	6,683.02	56.46	2.03	-59.57	-880.09	-6,288.01	4,951.26	4,895.23	56.03	88.367		
7,400.00	6,754.56	6,736.60	6,734.39	58.05	2.03	-62.14	-879.64	-6,287.31	4,892.75	4,835.30	57.45	85.158		
7,500.00	6,798.57	6,768.83	6,766.62	59.78	2.03	-67.55	-879.35	-6,286.96	4,825.12	4,766.17	58.95	81.854		
7,600.00	6,827.18	6,789.74	6,787.53	61.58	2.03	-76.09	-879.17	-6,286.78	4,750.37	4,689.92	60.46	78.574		
7,700.00	6,839.51	6,800.00	6,797.78	63.39	2.03	-87.85	-879.09	-6,286.71	4,670.72	4,608.79	61.93	75.419		
7,800.00	6,840.00	6,800.00	6,797.78	65.19	2.03	-91.09	-879.09	-6,286.71	4,589.08	4,525.72	63.37	72.420		
7,900.00	6,840.00	6,800.00	6,797.78	67.04	2.03	-91.09	-879.09	-6,286.71	4,508.10	4,443.24	64.86	69.500		
8,000.00	6,840.00	6,800.00	6,797.78	68.95	2.03	-91.09	-879.09	-6,286.71	4,427.90	4,361.47	66.43	66.658		
8,100.00	6,840.00	6,800.00	6,797.78	70.91	2.03	-91.09	-879.09	-6,286.71	4,348.51	4,280.45	68.06	63.895		
8,200.00	6,840.00	6,796.16	6,793.95	72.91	2.03	-91.01	-879.12	-6,286.73	4,269.99	4,200.23	69.76	61.211		
8,300.00	6,840.00	6,795.60	6,793.38	74.96	2.03	-91.00	-879.12	-6,286.74	4,192.38	4,120.85	71.53	58.610		
8,400.00	6,840.00	6,795.02	6,792.81	77.05	2.03	-90.98	-879.13	-6,286.74	4,115.75	4,042.37	73.37	56.093		
8,500.00	6,840.00	6,794.44	6,792.22	79.18	2.03	-90.97	-879.13	-6,286.75	4,040.13	3,964.84	75.29	53.660		
8,600.00	6,840.00	6,793.85	6,791.63	81.34	2.03	-90.96	-879.14	-6,286.75	3,965.59	3,888.31	77.28	51.313		
8,700.00	6,840.00	6,793.25	6,791.04	83.54	2.03	-90.95	-879.14	-6,286.75	3,892.20	3,812.85	79.35	49.050		
8,800.00	6,840.00	6,792.65	6,790.43	85.76	2.03	-90.93	-879.15	-6,286.76	3,820.01	3,738.52	81.50	46.874		
8,900.00	6,840.00	6,792.03	6,789.82	88.02	2.03	-90.92	-879.15	-6,286.76	3,749.10	3,665.38	83.72	44.784		
9,000.00	6,840.00	6,791.41	6,789.20	90.30	2.03	-90.91	-879.16	-6,286.77	3,679.54	3,593.53	86.01	42.779		
9,100.00	6,840.00	6,790.78	6,788.57	92.60	2.03	-90.89	-879.16	-6,286.77	3,611.41	3,523.03	88.39	40.860		
9,200.00	6,840.00	6,790.15	6,787.93	94.93	2.03	-90.88	-879.17	-6,286.78	3,544.80	3,453.96	90.83	39.025		
9,300.00	6,840.00	6,789.50	6,787.29	97.28	2.03	-90.87	-879.17	-6,286.78	3,479.78	3,386.42	93.35	37.275		
9,400.00	6,840.00	6,788.85	6,786.63	99.65	2.03	-90.85	-879.18	-6,286.79	3,416.45	3,320.50	95.94	35.609		
9,500.00	6,840.00	6,788.18	6,785.97	102.03	2.03	-90.84	-879.19	-6,286.79	3,354.90	3,256.30	98.60	34.025		
9,600.00	6,840.00	6,787.51	6,785.30	104.43	2.03	-90.82	-879.19	-6,286.80	3,295.25	3,193.92	101.32	32.522		
9,700.00	6,840.00	6,786.83	6,784.61	106.85	2.03	-90.81	-879.20	-6,286.80	3,237.58	3,133.48	104.10	31.100		
9,800.00	6,840.00	6,786.14	6,783.92	109.29	2.03	-90.79	-879.20	-6,286.81	3,182.01	3,075.08	106.93	29.757		
9,900.00	6,840.00	6,785.44	6,783.22	111.73	2.03	-90.78	-879.21	-6,286.82	3,128.65	3,018.84	109.81	28.492		
10,000.00	6,840.00	6,784.73	6,782.51	114.19	2.03	-90.76	-879.22	-6,286.82	3,077.62	2,964.90	112.72	27.304		
10,100.00	6,840.00	6,784.01	6,781.79	116.66	2.03	-90.75	-879.22	-6,286.83	3,029.02	2,913.37	115.66	26.190		
10,200.00	6,840.00	6,783.28	6,781.06	119.15	2.03	-90.73	-879.23	-6,286.83	2,982.99	2,864.39	118.61	25.150		
10,300.00	6,840.00	6,782.53	6,780.32	121.64	2.03	-90.72	-879.23	-6,286.84	2,939.64	2,818.08	121.56	24.182		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,781.78	6,779.57	124.14	2.03	-90.70	-879.24	-6,286.85	2,899.10	2,774.59	124.50	23.285		
10,500.00	6,840.00	6,781.02	6,778.81	126.65	2.03	-90.68	-879.25	-6,286.85	2,861.47	2,734.05	127.42	22.457		
10,600.00	6,840.00	6,780.25	6,778.03	129.18	2.03	-90.67	-879.25	-6,286.86	2,826.88	2,696.59	130.30	21.696		
10,700.00	6,840.00	6,779.46	6,777.25	131.70	2.03	-90.65	-879.26	-6,286.87	2,795.45	2,662.34	133.11	21.001		
10,800.00	6,840.00	6,778.66	6,776.45	134.24	2.03	-90.63	-879.27	-6,286.87	2,767.27	2,631.42	135.85	20.370		
10,900.00	6,840.00	6,777.86	6,775.64	136.79	2.03	-90.62	-879.28	-6,286.88	2,742.45	2,603.95	138.50	19.801		
11,000.00	6,840.00	6,777.04	6,774.82	139.34	2.03	-90.60	-879.28	-6,286.89	2,721.08	2,580.05	141.03	19.294		
11,100.00	6,840.00	6,776.20	6,773.99	141.90	2.03	-90.58	-879.29	-6,286.89	2,703.25	2,559.80	143.44	18.846		
11,200.00	6,840.00	6,775.36	6,773.14	144.46	2.03	-90.56	-879.30	-6,286.90	2,689.01	2,543.31	145.71	18.455		
11,300.00	6,840.00	6,774.50	6,772.28	147.03	2.03	-90.54	-879.30	-6,286.91	2,678.44	2,530.63	147.81	18.121		
11,400.00	6,840.00	6,773.62	6,771.41	149.60	2.03	-90.52	-879.31	-6,286.92	2,671.57	2,521.83	149.74	17.841		
11,500.00	6,840.00	6,772.74	6,770.53	152.18	2.03	-90.51	-879.32	-6,286.92	2,668.43	2,516.94	151.49	17.615		
11,533.79	6,840.00	6,772.44	6,770.22	153.06	2.03	-90.50	-879.32	-6,286.93	2,668.22	2,516.18	152.04	17.550 CC		
11,600.00	6,840.00	6,771.84	6,769.63	154.77	2.03	-90.49	-879.33	-6,286.93	2,669.04	2,515.99	153.04	17.440 ES		
11,700.00	6,840.00	6,770.92	6,768.71	157.36	2.03	-90.47	-879.33	-6,286.94	2,673.39	2,518.99	154.40	17.315		
11,800.00	6,840.00	6,770.00	6,767.78	159.95	2.03	-90.45	-879.34	-6,286.95	2,681.46	2,525.91	155.55	17.238		
11,900.00	6,840.00	6,769.05	6,766.84	162.55	2.03	-90.43	-879.35	-6,286.96	2,693.23	2,536.73	156.50	17.209 SF		
12,000.00	6,840.00	6,768.09	6,765.88	165.16	2.03	-90.41	-879.36	-6,286.97	2,708.64	2,551.40	157.24	17.226		
12,100.00	6,840.00	6,767.12	6,764.91	167.76	2.03	-90.38	-879.37	-6,286.98	2,727.63	2,569.84	157.78	17.287		
12,200.00	6,840.00	6,766.13	6,763.91	170.37	2.03	-90.36	-879.38	-6,286.99	2,750.12	2,591.99	158.13	17.391		
12,300.00	6,840.00	6,765.12	6,762.91	172.99	2.03	-90.34	-879.39	-6,287.00	2,776.04	2,617.75	158.29	17.538		
12,400.00	6,840.00	6,764.10	6,761.88	175.60	2.03	-90.32	-879.39	-6,287.01	2,805.29	2,647.01	158.28	17.724		
12,500.00	6,840.00	6,763.05	6,760.84	178.23	2.03	-90.30	-879.40	-6,287.02	2,837.76	2,679.66	158.09	17.950		
12,600.00	6,840.00	6,761.99	6,759.78	180.85	2.03	-90.27	-879.41	-6,287.03	2,873.34	2,715.58	157.76	18.214		
12,700.00	6,840.00	6,760.92	6,758.70	183.47	2.03	-90.25	-879.42	-6,287.04	2,911.92	2,754.64	157.28	18.514		
12,800.00	6,840.00	6,759.82	6,757.61	186.10	2.03	-90.23	-879.43	-6,287.05	2,953.39	2,796.72	156.67	18.851		
12,900.00	6,840.00	6,758.70	6,756.49	188.74	2.03	-90.20	-879.44	-6,287.06	2,997.62	2,841.67	155.95	19.222		
13,000.00	6,840.00	6,757.57	6,755.36	191.37	2.03	-90.18	-879.45	-6,287.07	3,044.50	2,889.37	155.13	19.626		
13,100.00	6,840.00	6,756.41	6,754.20	194.01	2.03	-90.15	-879.46	-6,287.08	3,093.89	2,939.68	154.21	20.063		
13,200.00	6,840.00	6,755.24	6,753.02	196.65	2.03	-90.13	-879.47	-6,287.10	3,145.69	2,992.48	153.22	20.531		
13,300.00	6,840.00	6,754.04	6,751.83	199.29	2.03	-90.10	-879.48	-6,287.11	3,199.78	3,047.62	152.16	21.030		
13,400.00	6,840.00	6,752.82	6,750.61	201.93	2.03	-90.08	-879.49	-6,287.12	3,256.04	3,105.00	151.04	21.558		
13,500.00	6,840.00	6,751.58	6,749.36	204.58	2.03	-90.05	-879.50	-6,287.14	3,314.36	3,164.49	149.87	22.114		
13,600.00	6,840.00	6,750.31	6,748.10	207.22	2.03	-90.02	-879.51	-6,287.15	3,374.64	3,225.97	148.67	22.699		
13,700.00	6,840.00	6,749.02	6,746.81	209.87	2.03	-90.00	-879.53	-6,287.16	3,436.77	3,289.33	147.44	23.310		
13,800.00	6,840.00	6,747.71	6,745.50	212.52	2.03	-89.97	-879.54	-6,287.18	3,500.65	3,354.47	146.19	23.946		
13,900.00	6,840.00	6,746.37	6,744.16	215.18	2.03	-89.94	-879.55	-6,287.19	3,566.20	3,421.28	144.92	24.608		
14,000.00	6,840.00	6,745.00	6,742.79	217.83	2.03	-89.91	-879.56	-6,287.21	3,633.31	3,489.67	143.64	25.294		
14,100.00	6,840.00	6,743.61	6,741.40	220.49	2.03	-89.88	-879.57	-6,287.22	3,701.91	3,559.55	142.36	26.004		
14,200.00	6,840.00	6,742.19	6,739.98	223.15	2.03	-89.85	-879.59	-6,287.24	3,771.91	3,630.83	141.08	26.736		
14,300.00	6,840.00	6,740.74	6,738.53	225.81	2.03	-89.82	-879.60	-6,287.26	3,843.24	3,703.44	139.80	27.491		
14,400.00	6,840.00	6,739.26	6,737.05	228.47	2.03	-89.79	-879.61	-6,287.28	3,915.82	3,777.29	138.53	28.266		
14,500.00	6,840.00	6,737.76	6,735.55	231.13	2.03	-89.75	-879.63	-6,287.29	3,989.59	3,852.32	137.28	29.063		
14,600.00	6,840.00	6,736.22	6,734.01	233.79	2.03	-89.72	-879.64	-6,287.31	4,064.48	3,928.45	136.03	29.879		
14,700.00	6,840.00	6,734.65	6,732.44	236.46	2.03	-89.69	-879.65	-6,287.33	4,140.43	4,005.63	134.80	30.714		
14,800.00	6,840.00	6,733.04	6,730.83	239.12	2.03	-89.65	-879.67	-6,287.35	4,217.39	4,083.79	133.59	31.568		
14,900.00	6,840.00	6,731.41	6,729.20	241.79	2.03	-89.62	-879.68	-6,287.37	4,295.29	4,162.88	132.40	32.441		
15,000.00	6,840.00	6,729.73	6,727.52	244.46	2.03	-89.58	-879.70	-6,287.39	4,374.09	4,242.86	131.23	33.331		
15,100.00	6,840.00	6,728.02	6,725.82	247.13	2.03	-89.55	-879.71	-6,287.41	4,453.74	4,323.66	130.08	34.237		
15,200.00	6,840.00	6,726.28	6,724.07	249.80	2.03	-89.51	-879.73	-6,287.44	4,534.20	4,405.24	128.96	35.161		
15,300.00	6,840.00	6,724.49	6,722.28	252.47	2.03	-89.47	-879.74	-6,287.46	4,615.42	4,487.57	127.85	36.100		
15,400.00	6,840.00	6,722.67	6,720.46	255.15	2.03	-89.43	-879.76	-6,287.48	4,697.36	4,570.59	126.77	37.054		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,720.80	6,718.59	257.82	2.03	-89.39	-879.78	-6,287.51	4,779.99	4,654.28	125.71	38.024		
15,600.00	6,840.00	6,718.89	6,716.68	260.50	2.03	-89.35	-879.79	-6,287.53	4,863.28	4,738.60	124.67	39.008		
15,700.00	6,840.00	6,716.93	6,714.73	263.17	2.03	-89.31	-879.81	-6,287.56	4,947.18	4,823.52	123.66	40.006		
15,800.00	6,840.00	6,714.93	6,712.73	265.85	2.03	-89.26	-879.83	-6,287.59	5,031.67	4,909.00	122.67	41.017		
15,900.00	6,840.00	6,712.89	6,710.68	268.53	2.03	-89.22	-879.85	-6,287.61	5,116.72	4,995.01	121.71	42.042		
16,000.00	6,840.00	6,710.79	6,708.58	271.20	2.03	-89.18	-879.87	-6,287.64	5,202.30	5,081.54	120.76	43.079		
16,100.00	6,840.00	6,708.64	6,706.43	273.88	2.03	-89.13	-879.89	-6,287.67	5,288.38	5,168.54	119.84	44.128		
16,200.00	6,840.00	6,706.44	6,704.23	276.56	2.03	-89.08	-879.91	-6,287.71	5,374.95	5,256.01	118.94	45.189		
16,300.00	6,840.00	6,704.18	6,701.97	279.25	2.03	-89.03	-879.93	-6,287.74	5,461.98	5,343.91	118.07	46.262		
16,400.00	6,840.00	6,701.87	6,699.66	281.93	2.03	-88.98	-879.95	-6,287.77	5,549.44	5,432.23	117.21	47.346		
16,500.00	6,840.00	6,700.00	6,697.79	284.61	2.03	-88.94	-879.96	-6,287.80	5,637.32	5,520.94	116.38	48.440		
16,600.00	6,840.00	6,700.00	6,697.79	287.29	2.03	-88.94	-879.96	-6,287.80	5,725.59	5,610.02	115.57	49.543		
16,700.00	6,840.00	6,700.00	6,697.79	289.98	2.03	-88.94	-879.96	-6,287.80	5,814.25	5,699.47	114.78	50.656		
16,800.00	6,840.00	6,700.00	6,697.79	292.66	2.03	-88.94	-879.96	-6,287.80	5,903.26	5,789.26	114.01	51.779		
16,900.00	6,840.00	6,700.00	6,697.79	295.35	2.03	-88.94	-879.96	-6,287.80	5,992.63	5,879.37	113.26	52.911		
17,000.00	6,840.00	6,700.00	6,697.79	298.03	2.03	-88.94	-879.96	-6,287.80	6,082.32	5,969.80	112.53	54.051		
17,100.00	6,840.00	6,700.00	6,697.79	300.72	2.03	-88.94	-879.96	-6,287.80	6,172.34	6,060.52	111.82	55.201		
17,200.00	6,840.00	6,700.00	6,697.79	303.41	2.03	-88.94	-879.96	-6,287.80	6,262.65	6,151.53	111.12	56.359		
17,300.00	6,840.00	6,700.00	6,697.79	306.09	2.03	-88.94	-879.96	-6,287.80	6,353.26	6,242.81	110.44	57.524		
17,400.00	6,840.00	6,690.67	6,688.47	308.78	2.03	-88.74	-880.05	-6,287.93	6,444.13	6,334.36	109.77	58.708		
17,500.00	6,840.00	6,689.72	6,687.52	311.47	2.03	-88.72	-880.06	-6,287.95	6,535.28	6,426.16	109.12	59.890		
17,600.00	6,840.00	6,688.79	6,686.59	314.16	2.03	-88.70	-880.06	-6,287.96	6,626.68	6,518.19	108.49	61.080		
17,700.00	6,840.00	6,687.87	6,685.66	316.85	2.03	-88.68	-880.07	-6,287.97	6,718.33	6,610.45	107.88	62.277		
17,800.00	6,840.00	6,686.95	6,684.75	319.54	2.03	-88.66	-880.08	-6,287.99	6,810.21	6,702.93	107.28	63.480		
17,900.00	6,840.00	6,686.05	6,683.85	322.23	2.03	-88.64	-880.09	-6,288.00	6,902.32	6,795.62	106.70	64.690		
18,000.00	6,840.00	6,685.16	6,682.96	324.92	2.03	-88.63	-880.10	-6,288.01	6,994.64	6,888.51	106.13	65.907		
18,100.00	6,840.00	6,684.28	6,682.08	327.62	2.03	-88.61	-880.10	-6,288.02	7,087.17	6,981.60	105.58	67.129		
18,200.00	6,840.00	6,683.41	6,681.21	330.31	2.03	-88.59	-880.11	-6,288.03	7,179.91	7,074.87	105.04	68.357		
18,300.00	6,840.00	6,682.55	6,680.35	333.00	2.03	-88.57	-880.12	-6,288.05	7,272.83	7,168.32	104.51	69.591		
18,400.00	6,840.00	6,681.70	6,679.50	335.70	2.03	-88.55	-880.12	-6,288.06	7,365.94	7,261.95	103.99	70.831		
18,500.00	6,840.00	6,680.87	6,678.66	338.39	2.03	-88.53	-880.13	-6,288.07	7,459.23	7,355.74	103.49	72.075		
18,600.00	6,840.00	6,680.04	6,677.84	341.08	2.03	-88.52	-880.14	-6,288.08	7,552.69	7,449.69	103.00	73.325		
18,700.00	6,840.00	6,679.22	6,677.02	343.78	2.03	-88.50	-880.15	-6,288.09	7,646.32	7,543.79	102.53	74.579		
18,800.00	6,840.00	6,678.41	6,676.21	346.47	2.03	-88.48	-880.15	-6,288.10	7,740.10	7,638.04	102.06	75.838		
18,900.00	6,840.00	6,677.61	6,675.41	349.17	2.03	-88.46	-880.16	-6,288.11	7,834.04	7,732.43	101.61	77.102		
19,000.00	6,840.00	6,676.82	6,674.62	351.86	2.03	-88.45	-880.17	-6,288.12	7,928.13	7,826.96	101.16	78.370		
19,100.00	6,840.00	6,676.04	6,673.84	354.56	2.03	-88.43	-880.17	-6,288.13	8,022.35	7,921.62	100.73	79.641		
19,200.00	6,840.00	6,675.26	6,673.06	357.26	2.03	-88.41	-880.18	-6,288.14	8,116.72	8,016.41	100.31	80.917		
19,300.00	6,840.00	6,674.50	6,672.30	359.95	2.03	-88.40	-880.19	-6,288.15	8,211.22	8,111.33	99.90	82.197		
19,400.00	6,840.00	6,673.75	6,671.54	362.65	2.03	-88.38	-880.19	-6,288.16	8,305.85	8,206.36	99.50	83.480		
19,500.00	6,840.00	6,673.00	6,670.80	365.35	2.03	-88.36	-880.20	-6,288.17	8,400.61	8,301.50	99.10	84.767		
19,600.00	6,840.00	6,672.26	6,670.06	368.05	2.03	-88.35	-880.20	-6,288.18	8,495.48	8,396.76	98.72	86.056		
19,700.00	6,840.00	6,671.53	6,669.33	370.74	2.03	-88.33	-880.21	-6,288.19	8,590.47	8,492.12	98.35	87.349		
19,800.00	6,840.00	6,670.81	6,668.60	373.44	2.03	-88.32	-880.22	-6,288.20	8,685.57	8,587.59	97.98	88.645		
19,900.00	6,840.00	6,670.09	6,667.89	376.14	2.03	-88.30	-880.22	-6,288.20	8,780.78	8,683.16	97.62	89.944		
20,000.00	6,840.00	6,669.38	6,667.18	378.84	2.03	-88.29	-880.23	-6,288.21	8,876.10	8,778.82	97.28	91.246		
20,100.00	6,840.00	6,668.69	6,666.48	381.54	2.03	-88.27	-880.23	-6,288.22	8,971.52	8,874.58	96.94	92.550		
20,200.00	6,840.00	6,667.99	6,665.79	384.24	2.03	-88.26	-880.24	-6,288.23	9,067.03	8,970.43	96.61	93.856		
20,300.00	6,840.00	6,667.31	6,665.11	386.94	2.03	-88.24	-880.24	-6,288.24	9,162.65	9,066.36	96.28	95.165		
20,400.00	6,840.00	6,666.63	6,664.43	389.64	2.03	-88.23	-880.25	-6,288.25	9,258.35	9,162.39	95.97	96.476		
20,500.00	6,840.00	6,665.96	6,663.76	392.34	2.03	-88.21	-880.26	-6,288.25	9,354.15	9,258.49	95.66	97.789		
20,600.00	6,840.00	6,665.30	6,663.10	395.04	2.03	-88.20	-880.26	-6,288.26	9,450.03	9,354.67	95.35	99.104		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,609.76	6,840.00	6,665.24	6,663.03	395.31	2.03	-88.20	-880.26	-6,288.26	9,459.39	9,364.06	95.33	99.233	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-92.54	-364.04	-8,200.65	8,209.87					
100.00	100.00	0.00	0.00	0.13	0.00	-92.54	-364.04	-8,200.65	8,208.81	8,208.67	0.14	N/A		
200.00	200.00	79.74	79.74	0.49	0.08	-92.54	-363.99	-8,200.57	8,208.66	8,208.08	0.58	N/A		
300.00	300.00	180.75	180.75	0.85	0.20	-92.54	-363.90	-8,200.33	8,208.42	8,207.37	1.05	7,793.161		
400.00	400.00	294.65	294.64	1.21	0.31	-92.54	-363.88	-8,200.01	8,208.14	8,206.63	1.52	5,412.111		
500.00	499.98	381.78	381.78	1.57	0.37	-43.31	-363.84	-8,199.74	8,206.56	8,204.62	1.94	4,239.414		
600.00	599.84	484.15	484.15	1.93	0.44	-43.39	-363.80	-8,199.51	8,202.52	8,200.17	2.36	3,477.707		
700.00	699.45	580.25	580.25	2.29	0.49	-43.52	-363.69	-8,199.28	8,195.94	8,193.17	2.77	2,955.587		
800.00	798.70	678.64	678.64	2.67	0.54	-43.70	-363.49	-8,199.08	8,186.88	8,183.68	3.19	2,564.447		
900.00	897.47	781.83	781.83	3.07	0.59	-43.94	-363.25	-8,198.86	8,175.29	8,171.67	3.62	2,257.289		
1,000.00	995.62	905.85	905.84	3.50	0.65	-44.26	-362.92	-8,198.37	8,161.07	8,157.00	4.07	2,003.493		
1,100.00	1,093.06	1,014.10	1,014.09	3.97	0.70	-44.62	-362.63	-8,197.69	8,144.17	8,139.63	4.53	1,796.558		
1,200.00	1,189.64	1,081.69	1,081.69	4.47	0.73	-44.98	-362.45	-8,197.37	8,124.98	8,119.99	4.99	1,627.545		
1,300.00	1,285.27	1,163.24	1,163.23	5.01	0.76	-45.41	-362.17	-8,197.18	8,103.66	8,098.19	5.48	1,478.940		
1,400.00	1,379.82	1,259.54	1,259.53	5.61	0.79	-45.92	-361.86	-8,197.04	8,080.10	8,074.11	5.99	1,348.043		
1,500.00	1,473.17	1,354.04	1,354.03	6.25	0.82	-46.48	-361.85	-8,196.82	8,054.19	8,047.64	6.54	1,230.664		
1,600.00	1,565.21	1,448.35	1,448.34	6.96	0.86	-47.11	-361.93	-8,196.61	8,026.07	8,018.93	7.14	1,124.755		
1,700.00	1,656.01	1,566.34	1,566.33	7.72	0.90	-47.63	-362.17	-8,196.14	7,995.89	7,988.12	7.77	1,029.213		
1,800.00	1,746.60	1,646.67	1,646.66	8.50	0.93	-47.82	-362.53	-8,195.62	7,965.29	7,956.89	8.40	948.045		
1,900.00	1,837.19	1,710.50	1,710.49	9.30	0.94	-47.98	-362.88	-8,195.41	7,935.09	7,926.05	9.04	877.479		
2,000.00	1,927.79	1,783.78	1,783.77	10.12	0.96	-48.15	-363.32	-8,195.36	7,905.26	7,895.56	9.69	815.403		
2,100.00	2,018.38	1,845.75	1,845.73	10.93	0.97	-48.31	-363.73	-8,195.48	7,875.79	7,865.43	10.35	760.791		
2,200.00	2,108.97	1,905.59	1,905.57	11.76	0.97	-48.45	-364.15	-8,195.84	7,846.80	7,835.78	11.02	712.214		
2,300.00	2,199.56	2,300.00	2,052.91	12.59	1.00	-48.82	-365.32	-8,196.75	7,818.07	7,806.37	11.71	667.846		
2,400.00	2,290.15	2,185.99	2,185.94	13.43	1.01	-49.16	-367.09	-8,196.06	7,788.28	7,775.90	12.38	629.129		
2,500.00	2,380.75	2,240.57	2,240.51	14.26	1.02	-49.30	-367.98	-8,195.86	7,758.88	7,745.81	13.07	593.491		
2,600.00	2,471.34	2,300.00	2,299.94	15.11	1.04	-49.45	-368.83	-8,195.96	7,730.06	7,716.29	13.77	561.253		
2,700.00	2,561.93	2,354.82	2,354.75	15.95	1.04	-49.60	-369.53	-8,196.30	7,701.75	7,687.28	14.48	532.037		
2,800.00	2,652.52	2,422.13	2,422.05	16.80	1.05	-49.77	-370.28	-8,196.96	7,673.90	7,658.72	15.18	505.401		
2,900.00	2,743.12	2,500.43	2,500.35	17.64	1.06	-49.97	-370.86	-8,197.92	7,646.37	7,630.48	15.90	481.048		
3,000.00	2,833.71	2,586.15	2,586.06	18.49	1.07	-50.19	-371.15	-8,199.11	7,619.08	7,602.47	16.61	458.673		
3,100.00	2,924.30	2,685.14	2,685.04	19.35	1.08	-50.44	-371.11	-8,200.52	7,591.92	7,574.58	17.33	438.038		
3,200.00	3,014.89	2,788.76	2,788.65	20.20	1.09	-50.70	-370.74	-8,201.89	7,564.74	7,546.68	18.06	418.924		
3,300.00	3,105.48	2,900.19	2,900.07	21.05	1.10	-50.98	-370.05	-8,203.16	7,537.50	7,518.71	18.79	401.174		
3,400.00	3,196.08	3,131.39	3,131.26	21.91	1.13	-51.59	-369.49	-8,203.32	7,509.56	7,490.06	19.50	385.014		
3,500.00	3,286.67	3,200.00	3,199.86	22.76	1.14	-51.77	-370.31	-8,202.70	7,480.95	7,460.70	20.26	369.338		
3,600.00	3,377.26	3,262.42	3,262.27	23.62	1.16	-51.95	-371.16	-8,202.33	7,452.78	7,431.77	21.01	354.732		
3,700.00	3,467.85	3,331.87	3,331.72	24.47	1.17	-52.14	-372.19	-8,202.05	7,424.98	7,403.21	21.77	341.099		
3,800.00	3,558.45	3,400.00	3,399.83	25.33	1.19	-52.33	-373.22	-8,202.00	7,397.62	7,375.09	22.53	328.349		
3,900.00	3,649.04	3,460.38	3,460.21	26.19	1.20	-52.50	-374.16	-8,202.17	7,370.72	7,347.42	23.30	316.404		
4,000.00	3,739.63	3,522.68	3,522.50	27.05	1.21	-52.68	-375.16	-8,202.57	7,344.32	7,320.26	24.06	305.194		
4,100.00	3,830.22	3,585.27	3,585.08	27.90	1.22	-52.85	-376.02	-8,203.24	7,318.42	7,293.58	24.84	294.661		
4,200.00	3,920.81	3,660.66	3,660.46	28.76	1.23	-53.07	-376.81	-8,204.34	7,292.96	7,267.35	25.61	284.755		
4,300.00	4,011.41	3,736.97	3,736.76	29.62	1.25	-53.28	-377.28	-8,205.64	7,267.81	7,241.42	26.39	275.404		
4,400.00	4,102.00	3,814.01	3,813.78	30.48	1.26	-53.49	-377.36	-8,207.20	7,243.02	7,215.85	27.17	266.566		
4,500.00	4,192.59	3,920.16	3,919.90	31.34	1.27	-53.78	-376.83	-8,209.48	7,218.40	7,190.44	27.95	258.226		
4,600.00	4,283.18	4,112.27	4,111.99	32.20	1.29	-54.31	-376.09	-8,212.05	7,193.26	7,164.53	28.73	250.385		
4,700.00	4,373.78	4,196.45	4,196.17	33.06	1.30	-54.55	-375.74	-8,212.61	7,167.60	7,138.08	29.52	242.780		
4,800.00	4,464.37	4,266.07	4,265.78	33.92	1.31	-54.74	-375.08	-8,213.25	7,142.23	7,111.90	30.32	235.533		
4,900.00	4,554.96	4,327.28	4,326.98	34.78	1.32	-54.91	-374.10	-8,214.09	7,117.30	7,086.17	31.13	228.639		
5,000.00	4,645.55	4,381.01	4,380.69	35.64	1.33	-55.05	-373.18	-8,215.13	7,092.98	7,061.04	31.94	222.078		
5,100.00	4,736.14	4,491.24	4,490.66	36.51	1.40	-56.49	-364.13	-8,212.22	7,067.53	7,034.89	32.63	216.570		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,900.00	4,899.41	37.37	1.40	-56.51	-364.03	-8,211.87	7,038.83	7,005.36	33.47	210.306		
5,300.00	4,917.33	4,900.00	4,899.41	38.23	1.40	-56.51	-364.03	-8,211.87	7,011.45	6,977.14	34.31	204.350		
5,400.00	5,007.92	4,953.01	4,952.40	39.09	1.41	-56.67	-363.08	-8,210.64	6,984.39	6,949.26	35.14	198.785		
5,500.00	5,098.51	5,000.00	4,999.36	39.95	1.41	-56.80	-361.64	-8,211.05	6,959.14	6,923.18	35.96	193.511		
5,600.00	5,189.11	5,000.00	4,999.36	40.81	1.41	-56.80	-361.64	-8,211.05	6,934.46	6,897.65	36.81	188.372		
5,700.00	5,279.70	5,211.81	5,211.02	41.68	1.44	-57.38	-353.88	-8,213.05	6,910.07	6,872.47	37.60	183.788		
5,800.00	5,370.29	5,283.68	5,282.85	42.54	1.45	-57.58	-351.56	-8,213.05	6,884.86	6,846.43	38.43	179.136		
5,900.00	5,460.88	5,482.72	5,481.81	43.40	1.48	-58.16	-346.50	-8,211.22	6,859.16	6,819.93	39.23	174.842		
6,000.00	5,551.47	5,565.54	5,564.61	44.26	1.50	-58.41	-344.94	-8,209.64	6,832.91	6,792.83	40.07	170.508		
6,100.00	5,642.07	5,634.26	5,633.31	45.13	1.51	-58.62	-344.09	-8,208.40	6,807.06	6,766.13	40.93	166.321		
6,200.00	5,732.66	5,700.00	5,699.04	45.99	1.52	-58.83	-343.73	-8,207.34	6,781.71	6,739.92	41.79	162.294		
6,300.00	5,823.25	5,803.69	5,802.71	46.85	1.54	-59.16	-343.56	-8,205.66	6,756.62	6,713.98	42.64	158.456		
6,400.00	5,913.84	5,860.11	5,859.12	47.72	1.55	-59.34	-343.54	-8,204.81	6,731.85	6,688.33	43.51	154.712		
6,500.00	6,004.44	5,918.91	5,917.93	48.58	1.56	-59.53	-343.64	-8,204.18	6,707.69	6,663.31	44.39	151.124		
6,600.00	6,095.03	5,979.39	5,978.40	49.44	1.57	-59.72	-343.62	-8,203.86	6,684.14	6,638.88	45.26	147.690		
6,700.00	6,185.62	6,060.11	6,059.12	50.30	1.58	-59.98	-343.32	-8,203.80	6,661.09	6,614.96	46.13	144.399		
6,800.00	6,276.21	6,152.55	6,151.55	51.17	1.60	-60.28	-342.88	-8,203.77	6,638.25	6,591.24	47.00	141.231		
6,900.00	6,366.80	6,242.48	6,241.49	52.03	1.61	-60.57	-342.60	-8,203.67	6,615.57	6,567.68	47.88	138.166		
7,000.00	6,457.40	6,331.93	6,330.94	52.89	1.63	-60.86	-342.35	-8,203.61	6,593.12	6,544.35	48.76	135.205		
7,100.00	6,545.60	6,424.63	6,423.64	53.85	1.65	-51.98	-342.18	-8,203.47	6,564.65	6,514.95	49.70	132.097		
7,200.00	6,626.13	6,508.49	6,507.50	55.05	1.66	-47.20	-342.12	-8,203.27	6,521.10	6,470.37	50.73	128.540		
7,300.00	6,696.49	6,577.54	6,576.55	56.46	1.68	-46.13	-342.14	-8,203.06	6,463.77	6,411.94	51.83	124.701		
7,400.00	6,754.56	6,634.67	6,633.67	58.05	1.68	-48.23	-342.21	-8,202.88	6,394.44	6,341.48	52.96	120.736		
7,500.00	6,798.57	6,677.87	6,676.88	59.78	1.69	-54.00	-342.25	-8,202.76	6,315.21	6,261.14	54.07	116.789		
7,600.00	6,827.18	6,707.20	6,706.20	61.58	1.70	-65.19	-342.27	-8,202.67	6,228.47	6,173.34	55.13	112.986		
7,700.00	6,839.51	6,721.71	6,720.72	63.39	1.70	-84.50	-342.28	-8,202.63	6,136.80	6,080.72	56.08	109.427		
7,800.00	6,840.00	6,721.88	6,720.89	65.19	1.70	-90.48	-342.28	-8,202.63	6,043.23	5,986.27	56.96	106.098		
7,900.00	6,840.00	6,721.47	6,720.47	67.04	1.70	-90.47	-342.28	-8,202.63	5,949.81	5,891.95	57.87	102.820		
8,000.00	6,840.00	6,721.06	6,720.06	68.95	1.70	-90.46	-342.28	-8,202.63	5,856.61	5,797.80	58.81	99.583		
8,100.00	6,840.00	6,720.65	6,719.65	70.91	1.70	-90.45	-342.28	-8,202.63	5,763.64	5,703.85	59.80	96.390		
8,200.00	6,840.00	6,720.24	6,719.25	72.91	1.70	-90.44	-342.28	-8,202.63	5,670.91	5,610.09	60.82	93.242		
8,300.00	6,840.00	6,719.84	6,718.85	74.96	1.70	-90.42	-342.28	-8,202.63	5,578.43	5,516.54	61.89	90.140		
8,400.00	6,840.00	6,719.44	6,718.45	77.05	1.70	-90.41	-342.28	-8,202.64	5,486.21	5,423.21	63.00	87.087		
8,500.00	6,840.00	6,719.05	6,718.05	79.18	1.70	-90.40	-342.28	-8,202.64	5,394.27	5,330.11	64.15	84.083		
8,600.00	6,840.00	6,718.66	6,717.66	81.34	1.70	-90.39	-342.28	-8,202.64	5,302.62	5,237.26	65.36	81.131		
8,700.00	6,840.00	6,718.27	6,717.27	83.54	1.70	-90.38	-342.27	-8,202.64	5,211.27	5,144.66	66.61	78.232		
8,800.00	6,840.00	6,717.88	6,716.89	85.76	1.70	-90.37	-342.27	-8,202.64	5,120.25	5,052.34	67.92	75.387		
8,900.00	6,840.00	6,717.50	6,716.50	88.02	1.70	-90.36	-342.27	-8,202.64	5,029.58	4,960.30	69.28	72.597		
9,000.00	6,840.00	6,717.12	6,716.12	90.30	1.70	-90.35	-342.27	-8,202.64	4,939.26	4,868.56	70.70	69.864		
9,100.00	6,840.00	6,716.74	6,715.75	92.60	1.70	-90.34	-342.27	-8,202.64	4,849.32	4,777.15	72.18	67.188		
9,200.00	6,840.00	6,716.37	6,715.37	94.93	1.70	-90.33	-342.27	-8,202.65	4,759.78	4,686.07	73.71	64.571		
9,300.00	6,840.00	6,715.99	6,715.00	97.28	1.70	-90.32	-342.27	-8,202.65	4,670.67	4,595.35	75.32	62.014		
9,400.00	6,840.00	6,715.63	6,714.63	99.65	1.70	-90.31	-342.27	-8,202.65	4,582.01	4,505.02	76.99	59.517		
9,500.00	6,840.00	6,715.26	6,714.27	102.03	1.70	-90.30	-342.27	-8,202.65	4,493.82	4,415.09	78.73	57.081		
9,600.00	6,840.00	6,714.90	6,713.90	104.43	1.70	-90.29	-342.27	-8,202.65	4,406.14	4,325.60	80.54	54.707		
9,700.00	6,840.00	6,714.54	6,713.54	106.85	1.70	-90.28	-342.27	-8,202.65	4,318.99	4,236.56	82.43	52.396		
9,800.00	6,840.00	6,714.18	6,713.18	109.29	1.70	-90.27	-342.27	-8,202.65	4,232.41	4,148.02	84.40	50.148		
9,900.00	6,840.00	6,713.82	6,712.83	111.73	1.70	-90.26	-342.27	-8,202.65	4,146.44	4,059.99	86.45	47.963		
10,000.00	6,840.00	6,713.47	6,712.48	114.19	1.70	-90.25	-342.27	-8,202.65	4,061.11	3,972.52	88.59	45.843		
10,100.00	6,840.00	6,713.12	6,712.13	116.66	1.70	-90.24	-342.27	-8,202.66	3,976.46	3,885.64	90.82	43.786		
10,200.00	6,840.00	6,712.77	6,711.78	119.15	1.70	-90.24	-342.27	-8,202.66	3,892.54	3,799.40	93.14	41.794		
10,300.00	6,840.00	6,712.43	6,711.43	121.64	1.70	-90.23	-342.27	-8,202.66	3,809.39	3,713.84	95.55	39.867		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,712.09	6,711.09	124.14	1.70	-90.22	-342.27	-8,202.66	3,727.08	3,629.01	98.07	38.005		
10,500.00	6,840.00	6,711.75	6,710.75	126.65	1.70	-90.21	-342.27	-8,202.66	3,645.65	3,544.96	100.69	36.207		
10,600.00	6,840.00	6,711.41	6,710.41	129.18	1.70	-90.20	-342.27	-8,202.66	3,565.16	3,461.75	103.41	34.474		
10,700.00	6,840.00	6,711.07	6,710.08	131.70	1.70	-90.19	-342.27	-8,202.66	3,485.68	3,379.43	106.25	32.806		
10,800.00	6,840.00	6,710.74	6,709.75	134.24	1.70	-90.18	-342.27	-8,202.66	3,407.29	3,298.09	109.20	31.203		
10,900.00	6,840.00	6,710.41	6,709.42	136.79	1.70	-90.17	-342.27	-8,202.66	3,330.05	3,217.79	112.26	29.664		
11,000.00	6,840.00	6,710.08	6,709.09	139.34	1.70	-90.16	-342.27	-8,202.67	3,254.06	3,138.62	115.44	28.188		
11,100.00	6,840.00	6,709.76	6,708.76	141.90	1.70	-90.15	-342.27	-8,202.67	3,179.39	3,060.65	118.74	26.777		
11,200.00	6,840.00	6,709.43	6,708.44	144.46	1.70	-90.15	-342.27	-8,202.67	3,106.15	2,984.00	122.15	25.429		
11,300.00	6,840.00	6,709.11	6,708.12	147.03	1.70	-90.14	-342.27	-8,202.67	3,034.43	2,908.75	125.68	24.144		
11,400.00	6,840.00	6,708.79	6,707.80	149.60	1.70	-90.13	-342.27	-8,202.67	2,964.35	2,835.03	129.33	22.921		
11,500.00	6,840.00	6,708.48	6,707.48	152.18	1.70	-90.12	-342.27	-8,202.67	2,896.04	2,762.95	133.08	21.761		
11,600.00	6,840.00	6,708.16	6,707.17	154.77	1.70	-90.11	-342.27	-8,202.67	2,829.60	2,692.65	136.95	20.662		
11,700.00	6,840.00	6,707.85	6,706.86	157.36	1.70	-90.10	-342.27	-8,202.67	2,765.19	2,624.28	140.91	19.623		
11,800.00	6,840.00	6,707.54	6,706.55	159.95	1.70	-90.10	-342.27	-8,202.67	2,702.94	2,557.98	144.97	18.645		
11,900.00	6,840.00	6,707.23	6,706.24	162.55	1.70	-90.09	-342.27	-8,202.67	2,643.02	2,493.92	149.10	17.727		
12,000.00	6,840.00	6,706.93	6,705.93	165.16	1.70	-90.08	-342.27	-8,202.67	2,585.57	2,432.28	153.29	16.867		
12,100.00	6,840.00	6,706.62	6,705.63	167.76	1.70	-90.07	-342.27	-8,202.68	2,530.77	2,373.24	157.52	16.066		
12,200.00	6,840.00	6,706.32	6,705.33	170.37	1.70	-90.06	-342.27	-8,202.68	2,478.79	2,317.01	161.78	15.322		
12,300.00	6,840.00	6,706.02	6,705.03	172.99	1.70	-90.05	-342.27	-8,202.68	2,429.82	2,263.79	166.03	14.635		
12,400.00	6,840.00	6,705.73	6,704.73	175.60	1.70	-90.05	-342.27	-8,202.68	2,384.04	2,213.80	170.25	14.003		
12,500.00	6,840.00	6,705.44	6,704.45	178.23	1.70	-90.04	-342.27	-8,202.68	2,341.64	2,167.25	174.40	13.427		
12,600.00	6,840.00	6,705.17	6,704.18	180.85	1.70	-90.03	-342.27	-8,202.68	2,302.81	2,124.37	178.44	12.905		
12,700.00	6,840.00	6,704.89	6,703.90	183.47	1.70	-90.02	-342.27	-8,202.68	2,267.72	2,085.38	182.34	12.437		
12,800.00	6,840.00	6,704.62	6,703.63	186.10	1.70	-90.02	-342.27	-8,202.68	2,236.55	2,050.50	186.05	12.021		
12,900.00	6,840.00	6,704.34	6,703.35	188.74	1.70	-90.01	-342.27	-8,202.68	2,209.48	2,019.94	189.54	11.657		
13,000.00	6,840.00	6,704.07	6,703.08	191.37	1.70	-90.00	-342.26	-8,202.68	2,186.65	1,993.89	192.76	11.344		
13,100.00	6,840.00	6,703.79	6,702.80	194.01	1.70	-89.99	-342.26	-8,202.68	2,168.19	1,972.52	195.67	11.081		
13,200.00	6,840.00	6,703.52	6,702.52	196.65	1.70	-89.99	-342.26	-8,202.69	2,154.22	1,955.99	198.23	10.867		
13,300.00	6,840.00	6,703.24	6,702.25	199.29	1.70	-89.98	-342.26	-8,202.69	2,144.83	1,944.41	200.42	10.702		
13,400.00	6,840.00	6,702.97	6,701.97	201.93	1.70	-89.97	-342.26	-8,202.69	2,140.07	1,937.86	202.21	10.583		
13,451.88	6,840.00	6,702.82	6,701.83	203.30	1.70	-89.97	-342.26	-8,202.69	2,139.44	1,936.47	202.97	10.540 CC		
13,500.00	6,840.00	6,702.69	6,701.69	204.58	1.70	-89.97	-342.26	-8,202.69	2,139.99	1,936.40	203.58	10.512 ES		
13,600.00	6,840.00	6,702.41	6,701.42	207.22	1.70	-89.96	-342.26	-8,202.69	2,144.57	1,940.04	204.53	10.486 SF		
13,700.00	6,840.00	6,702.13	6,701.14	209.87	1.70	-89.95	-342.26	-8,202.69	2,153.78	1,948.74	205.04	10.504		
13,800.00	6,840.00	6,701.86	6,700.86	212.52	1.70	-89.94	-342.26	-8,202.69	2,167.58	1,962.44	205.14	10.566		
13,900.00	6,840.00	6,701.58	6,700.59	215.18	1.70	-89.94	-342.26	-8,202.69	2,185.87	1,981.04	204.83	10.672		
14,000.00	6,840.00	6,701.30	6,700.31	217.83	1.70	-89.93	-342.26	-8,202.69	2,208.54	2,004.40	204.14	10.819		
14,100.00	6,840.00	6,701.02	6,700.03	220.49	1.70	-89.92	-342.26	-8,202.69	2,235.46	2,032.37	203.09	11.007		
14,200.00	6,840.00	6,700.74	6,699.75	223.15	1.70	-89.91	-342.26	-8,202.69	2,266.47	2,064.75	201.72	11.235		
14,300.00	6,840.00	6,700.47	6,699.47	225.81	1.70	-89.91	-342.26	-8,202.69	2,301.42	2,101.35	200.07	11.503		
14,400.00	6,840.00	6,700.19	6,699.19	228.47	1.70	-89.90	-342.26	-8,202.69	2,340.12	2,141.96	198.15	11.810		
14,500.00	6,840.00	6,699.91	6,698.91	231.13	1.70	-89.89	-342.26	-8,202.69	2,382.39	2,186.36	196.02	12.154		
14,600.00	6,840.00	6,699.63	6,698.63	233.79	1.70	-89.88	-342.26	-8,202.70	2,428.04	2,234.33	193.71	12.534		
14,700.00	6,840.00	6,699.35	6,698.35	236.46	1.70	-89.88	-342.26	-8,202.70	2,476.90	2,285.64	191.25	12.951		
14,800.00	6,840.00	6,699.07	6,698.07	239.12	1.70	-89.87	-342.26	-8,202.70	2,528.76	2,340.08	188.68	13.402		
14,900.00	6,840.00	6,698.79	6,697.79	241.79	1.70	-89.86	-342.26	-8,202.70	2,583.46	2,397.44	186.02	13.888		
15,000.00	6,840.00	6,698.51	6,697.51	244.46	1.70	-89.85	-342.26	-8,202.70	2,640.81	2,457.52	183.29	14.408		
15,100.00	6,840.00	6,698.22	6,697.23	247.13	1.70	-89.85	-342.26	-8,202.70	2,700.65	2,520.12	180.53	14.960		
15,200.00	6,840.00	6,697.94	6,696.95	249.80	1.70	-89.84	-342.26	-8,202.70	2,762.81	2,585.06	177.75	15.543		
15,300.00	6,840.00	6,697.66	6,696.67	252.47	1.70	-89.83	-342.26	-8,202.70	2,827.14	2,652.18	174.97	16.158		
15,400.00	6,840.00	6,697.38	6,696.39	255.15	1.70	-89.82	-342.26	-8,202.70	2,893.50	2,721.31	172.20	16.803		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,697.10	6,696.10	257.82	1.70	-89.82	-342.26	-8,202.70	2,961.75	2,792.30	169.46	17.478		
15,600.00	6,840.00	6,696.82	6,695.82	260.50	1.70	-89.81	-342.26	-8,202.70	3,031.77	2,865.02	166.75	18.182		
15,700.00	6,840.00	6,696.53	6,695.54	263.17	1.70	-89.80	-342.26	-8,202.70	3,103.42	2,939.33	164.09	18.913		
15,800.00	6,840.00	6,696.25	6,695.26	265.85	1.70	-89.79	-342.26	-8,202.70	3,176.61	3,015.13	161.48	19.672		
15,900.00	6,840.00	6,695.97	6,694.97	268.53	1.70	-89.79	-342.26	-8,202.71	3,251.23	3,092.30	158.93	20.457		
16,000.00	6,840.00	6,695.68	6,694.69	271.20	1.70	-89.78	-342.26	-8,202.71	3,327.17	3,170.74	156.43	21.269		
16,100.00	6,840.00	6,695.40	6,694.41	273.88	1.70	-89.77	-342.26	-8,202.71	3,404.37	3,250.36	154.00	22.106		
16,200.00	6,840.00	6,695.11	6,694.12	276.56	1.70	-89.76	-342.26	-8,202.71	3,482.72	3,331.08	151.64	22.967		
16,300.00	6,840.00	6,694.83	6,693.84	279.25	1.69	-89.75	-342.26	-8,202.71	3,562.16	3,412.81	149.34	23.852		
16,400.00	6,840.00	6,694.55	6,693.55	281.93	1.69	-89.75	-342.26	-8,202.71	3,642.61	3,495.49	147.11	24.761		
16,500.00	6,840.00	6,694.26	6,693.27	284.61	1.69	-89.74	-342.26	-8,202.71	3,724.00	3,579.06	144.95	25.692		
16,600.00	6,840.00	6,693.98	6,692.98	287.29	1.69	-89.73	-342.26	-8,202.71	3,806.29	3,663.44	142.85	26.646		
16,700.00	6,840.00	6,693.69	6,692.70	289.98	1.69	-89.72	-342.26	-8,202.71	3,889.40	3,748.59	140.81	27.621		
16,800.00	6,840.00	6,693.40	6,692.41	292.66	1.69	-89.72	-342.26	-8,202.71	3,973.29	3,834.45	138.85	28.617		
16,900.00	6,840.00	6,693.12	6,692.12	295.35	1.69	-89.71	-342.26	-8,202.71	4,057.91	3,920.97	136.94	29.633		
17,000.00	6,840.00	6,692.83	6,691.84	298.03	1.69	-89.70	-342.26	-8,202.71	4,143.22	4,008.12	135.10	30.669		
17,100.00	6,840.00	6,692.54	6,691.55	300.72	1.69	-89.69	-342.26	-8,202.72	4,229.17	4,095.86	133.31	31.724		
17,200.00	6,840.00	6,692.26	6,691.26	303.41	1.69	-89.69	-342.26	-8,202.72	4,315.73	4,184.14	131.59	32.797		
17,300.00	6,840.00	6,691.97	6,690.98	306.09	1.69	-89.68	-342.26	-8,202.72	4,402.86	4,272.94	129.92	33.889		
17,400.00	6,840.00	6,691.68	6,690.69	308.78	1.69	-89.67	-342.26	-8,202.72	4,490.52	4,362.21	128.31	34.998		
17,500.00	6,840.00	6,691.40	6,690.40	311.47	1.69	-89.66	-342.26	-8,202.72	4,578.69	4,451.94	126.75	36.125		
17,600.00	6,840.00	6,691.11	6,690.11	314.16	1.69	-89.65	-342.26	-8,202.72	4,667.33	4,542.10	125.24	37.268		
17,700.00	6,840.00	6,690.82	6,689.82	316.85	1.69	-89.65	-342.26	-8,202.72	4,756.43	4,632.65	123.78	38.427		
17,800.00	6,840.00	6,690.53	6,689.54	319.54	1.69	-89.64	-342.26	-8,202.72	4,845.95	4,723.58	122.37	39.602		
17,900.00	6,840.00	6,690.24	6,689.25	322.23	1.69	-89.63	-342.26	-8,202.72	4,935.87	4,814.87	121.00	40.792		
18,000.00	6,840.00	6,689.95	6,688.96	324.92	1.69	-89.62	-342.26	-8,202.72	5,026.18	4,906.50	119.68	41.996		
18,100.00	6,840.00	6,689.66	6,688.67	327.62	1.69	-89.62	-342.26	-8,202.72	5,116.84	4,998.44	118.40	43.215		
18,200.00	6,840.00	6,689.37	6,688.38	330.31	1.69	-89.61	-342.26	-8,202.72	5,207.85	5,090.68	117.17	44.448		
18,300.00	6,840.00	6,689.08	6,688.09	333.00	1.69	-89.60	-342.26	-8,202.72	5,299.18	5,183.21	115.97	45.694		
18,400.00	6,840.00	6,688.79	6,687.80	335.70	1.69	-89.59	-342.26	-8,202.73	5,390.82	5,276.01	114.81	46.953		
18,500.00	6,840.00	6,688.50	6,687.51	338.39	1.69	-89.59	-342.26	-8,202.73	5,482.75	5,369.06	113.69	48.225		
18,600.00	6,840.00	6,688.21	6,687.22	341.08	1.69	-89.58	-342.26	-8,202.73	5,574.96	5,462.35	112.61	49.509		
18,700.00	6,840.00	6,687.92	6,686.92	343.78	1.69	-89.57	-342.26	-8,202.73	5,667.43	5,555.88	111.55	50.804		
18,800.00	6,840.00	6,687.63	6,686.63	346.47	1.69	-89.56	-342.25	-8,202.73	5,760.16	5,649.62	110.54	52.111		
18,900.00	6,840.00	6,687.33	6,686.34	349.17	1.69	-89.55	-342.25	-8,202.73	5,853.12	5,743.57	109.55	53.429		
19,000.00	6,840.00	6,687.04	6,686.05	351.86	1.69	-89.55	-342.25	-8,202.73	5,946.31	5,837.72	108.59	54.757		
19,100.00	6,840.00	6,686.75	6,685.76	354.56	1.69	-89.54	-342.25	-8,202.73	6,039.72	5,932.06	107.67	56.096		
19,200.00	6,840.00	6,686.46	6,685.46	357.26	1.69	-89.53	-342.25	-8,202.73	6,133.34	6,026.57	106.77	57.445		
19,300.00	6,840.00	6,686.16	6,685.17	359.95	1.69	-89.52	-342.25	-8,202.73	6,227.16	6,121.26	105.90	58.803		
19,400.00	6,840.00	6,685.87	6,684.88	362.65	1.69	-89.51	-342.25	-8,202.73	6,321.16	6,216.11	105.05	60.171		
19,500.00	6,840.00	6,685.58	6,684.58	365.35	1.69	-89.51	-342.25	-8,202.73	6,415.35	6,311.12	104.23	61.548		
19,600.00	6,840.00	6,685.28	6,684.29	368.05	1.69	-89.50	-342.25	-8,202.74	6,509.71	6,406.27	103.44	62.933		
19,700.00	6,840.00	6,684.99	6,683.99	370.74	1.69	-89.49	-342.25	-8,202.74	6,604.24	6,501.57	102.67	64.326		
19,800.00	6,840.00	6,684.69	6,683.70	373.44	1.69	-89.48	-342.25	-8,202.74	6,698.92	6,597.00	101.92	65.728		
19,900.00	6,840.00	6,684.40	6,683.41	376.14	1.69	-89.48	-342.25	-8,202.74	6,793.76	6,692.57	101.19	67.137		
20,000.00	6,840.00	6,684.10	6,683.11	378.84	1.69	-89.47	-342.25	-8,202.74	6,888.74	6,788.26	100.49	68.553		
20,100.00	6,840.00	6,683.81	6,682.81	381.54	1.69	-89.46	-342.25	-8,202.74	6,983.87	6,884.06	99.80	69.977		
20,200.00	6,840.00	6,683.51	6,682.52	384.24	1.69	-89.45	-342.25	-8,202.74	7,079.12	6,979.99	99.14	71.407		
20,300.00	6,840.00	6,683.22	6,682.22	386.94	1.69	-89.44	-342.25	-8,202.74	7,174.51	7,076.02	98.49	72.844		
20,400.00	6,840.00	6,682.92	6,681.93	389.64	1.69	-89.44	-342.25	-8,202.74	7,270.02	7,172.16	97.86	74.288		
20,500.00	6,840.00	6,682.62	6,681.63	392.34	1.69	-89.43	-342.25	-8,202.74	7,365.65	7,268.40	97.25	75.737		
20,600.00	6,840.00	6,682.33	6,681.33	395.04	1.69	-89.42	-342.25	-8,202.74	7,461.40	7,364.74	96.66	77.192		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,609.76	6,840.00	6,682.30	6,681.30	395.31	1.69	-89.42	-342.25	-8,202.74	7,470.75	7,374.14	96.60	77.334	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-91.49	-247.00	-9,503.58	9,507.83					
100.00	100.00	0.00	0.00	0.13	0.00	-91.49	-247.00	-9,503.58	9,506.87	9,506.74	0.13	N/A		
200.00	200.00	129.45	129.44	0.49	0.15	-91.49	-246.54	-9,502.94	9,506.39	9,505.76	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-91.48	-246.29	-9,502.50	9,505.78	9,504.69	1.09	8,730.174		
400.00	400.00	259.46	259.46	1.21	0.24	-91.48	-246.20	-9,502.35	9,505.54	9,504.09	1.45	6,564.532		
500.00	499.98	333.46	333.46	1.57	0.26	-42.24	-246.26	-9,502.52	9,504.45	9,502.63	1.82	5,212.211		
600.00	599.84	444.76	444.75	1.93	0.33	-42.32	-246.70	-9,502.70	9,500.75	9,498.50	2.25	4,225.259		
700.00	699.45	532.91	532.90	2.29	0.38	-42.44	-247.07	-9,502.85	9,494.48	9,491.82	2.66	3,562.832		
800.00	798.70	616.00	615.99	2.67	0.43	-42.60	-247.46	-9,503.16	9,485.85	9,482.77	3.08	3,081.101		
900.00	897.47	728.02	728.01	3.07	0.49	-42.83	-248.06	-9,503.56	9,474.66	9,471.14	3.51	2,696.711		
1,000.00	995.62	835.47	835.46	3.50	0.54	-43.11	-248.47	-9,503.80	9,460.81	9,456.86	3.95	2,392.136		
1,100.00	1,093.06	925.80	925.78	3.97	0.58	-43.42	-248.82	-9,503.97	9,444.44	9,440.04	4.40	2,145.396		
1,200.00	1,189.64	1,000.00	999.99	4.47	0.61	-43.77	-249.09	-9,504.27	9,425.80	9,420.94	4.86	1,939.144		
1,300.00	1,285.27	1,090.35	1,090.33	5.01	0.65	-44.18	-249.27	-9,504.77	9,404.87	9,399.52	5.35	1,757.969		
1,400.00	1,379.82	1,171.00	1,170.98	5.61	0.68	-44.63	-249.28	-9,505.29	9,381.62	9,375.75	5.86	1,599.746		
1,500.00	1,473.17	1,269.65	1,269.63	6.25	0.72	-45.16	-249.20	-9,506.02	9,356.11	9,349.69	6.42	1,458.255		
1,600.00	1,565.21	1,368.73	1,368.71	6.96	0.75	-45.75	-249.02	-9,506.64	9,328.19	9,321.19	7.00	1,332.412		
1,700.00	1,656.01	1,442.58	1,442.56	7.72	0.78	-46.12	-248.88	-9,507.12	9,298.31	9,290.69	7.61	1,221.726		
1,800.00	1,746.60	1,512.22	1,512.20	8.50	0.80	-46.26	-248.67	-9,507.78	9,268.44	9,260.20	8.23	1,125.515		
1,900.00	1,837.19	1,621.86	1,621.83	9.30	0.84	-46.48	-248.27	-9,508.75	9,238.61	9,229.72	8.89	1,039.773		
2,000.00	1,927.79	1,700.79	1,700.75	10.12	0.87	-46.63	-247.95	-9,509.46	9,208.88	9,199.34	9.54	965.510		
2,100.00	2,018.38	1,786.48	1,786.44	10.93	0.90	-46.80	-247.50	-9,510.31	9,179.33	9,169.12	10.20	899.772		
2,200.00	2,108.97	1,923.20	1,923.15	11.76	0.94	-47.07	-246.45	-9,511.41	9,149.68	9,138.80	10.88	840.770		
2,300.00	2,199.56	2,086.86	2,086.80	12.59	0.97	-47.39	-244.47	-9,511.82	9,119.65	9,108.09	11.56	788.693		
2,400.00	2,290.15	2,168.71	2,168.64	13.43	0.99	-47.55	-243.28	-9,511.64	9,089.22	9,076.98	12.24	742.818		
2,500.00	2,380.75	2,234.63	2,234.55	14.26	1.01	-47.68	-242.39	-9,511.63	9,059.07	9,046.16	12.92	701.420		
2,600.00	2,471.34	2,300.00	2,299.92	15.11	1.02	-47.81	-241.56	-9,511.85	9,029.31	9,015.71	13.60	663.857		
2,700.00	2,561.93	2,348.12	2,348.03	15.95	1.03	-47.91	-241.01	-9,512.19	8,999.99	8,985.69	14.29	629.641		
2,800.00	2,652.52	2,400.46	2,400.37	16.80	1.05	-48.02	-240.51	-9,512.77	8,971.15	8,956.16	14.99	598.385		
2,900.00	2,743.12	2,487.28	2,487.17	17.64	1.08	-48.20	-239.74	-9,513.93	8,942.63	8,926.93	15.70	569.473		
3,000.00	2,833.71	2,589.27	2,589.16	18.49	1.11	-48.40	-238.82	-9,515.27	8,914.18	8,897.76	16.42	542.865		
3,100.00	2,924.30	2,689.44	2,689.31	19.35	1.14	-48.61	-237.97	-9,516.46	8,885.72	8,868.58	17.14	518.378		
3,200.00	3,014.89	2,845.38	2,845.24	20.20	1.19	-48.94	-236.83	-9,517.70	8,857.02	8,839.15	17.87	495.714		
3,300.00	3,105.48	2,979.51	2,979.37	21.05	1.22	-49.23	-236.32	-9,517.79	8,827.76	8,809.18	18.58	475.051		
3,400.00	3,196.08	3,124.37	3,124.22	21.91	1.24	-49.54	-235.68	-9,517.13	8,798.14	8,778.85	19.29	456.165		
3,500.00	3,286.67	3,232.69	3,232.55	22.76	1.25	-49.78	-235.12	-9,516.25	8,768.32	8,748.32	20.00	438.447		
3,600.00	3,377.26	3,398.31	3,398.15	23.62	1.27	-50.14	-233.77	-9,514.11	8,738.16	8,717.46	20.70	422.050		
3,700.00	3,467.85	3,620.37	3,620.09	24.47	1.30	-50.62	-230.37	-9,508.25	8,706.56	8,685.16	21.40	406.839		
3,800.00	3,558.45	3,701.78	3,701.45	25.33	1.31	-50.80	-228.70	-9,505.72	8,674.82	8,652.69	22.13	392.039		
3,900.00	3,649.04	3,784.12	3,783.74	26.19	1.32	-50.98	-227.12	-9,503.23	8,643.27	8,620.41	22.86	378.118		
4,000.00	3,739.63	3,869.72	3,869.29	27.05	1.34	-51.17	-225.82	-9,500.66	8,611.89	8,588.30	23.59	365.009		
4,100.00	3,830.22	3,954.56	3,954.08	27.90	1.35	-51.36	-224.63	-9,498.14	8,580.67	8,556.33	24.33	352.634		
4,200.00	3,920.81	4,028.50	4,027.99	28.76	1.36	-51.53	-223.71	-9,496.00	8,549.63	8,524.56	25.08	340.906		
4,300.00	4,011.41	4,090.54	4,090.00	29.62	1.37	-51.67	-223.23	-9,494.35	8,518.97	8,493.14	25.83	329.779		
4,400.00	4,102.00	4,202.11	4,201.53	30.48	1.38	-51.93	-222.59	-9,491.43	8,488.50	8,461.92	26.58	319.361		
4,500.00	4,192.59	4,300.41	4,299.79	31.34	1.40	-52.16	-221.90	-9,488.67	8,457.95	8,430.61	27.33	309.431		
4,600.00	4,283.18	4,418.80	4,418.12	32.20	1.42	-52.44	-220.95	-9,485.09	8,427.31	8,399.22	28.09	300.038		
4,700.00	4,373.78	4,483.64	4,482.93	33.06	1.43	-52.60	-220.55	-9,483.15	8,396.82	8,367.96	28.86	290.974		
4,800.00	4,464.37	4,609.30	4,608.53	33.92	1.45	-52.90	-219.95	-9,479.24	8,366.41	8,336.80	29.62	282.474		
4,900.00	4,554.96	4,657.20	4,656.41	34.78	1.46	-53.02	-219.55	-9,477.81	8,336.13	8,305.73	30.40	274.208		
5,000.00	4,645.55	4,700.00	4,699.19	35.64	1.46	-53.12	-219.02	-9,476.71	8,306.37	8,275.18	31.19	266.338		
5,100.00	4,736.14	4,758.85	4,758.02	36.51	1.48	-53.26	-218.10	-9,475.50	8,277.13	8,245.16	31.97	258.875		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,813.49	4,812.65	37.37	1.49	-53.39	-217.14	-9,474.72	8,248.48	8,215.71	32.76	251.748		
5,300.00	4,917.33	4,897.86	4,896.99	38.23	1.51	-53.59	-215.60	-9,473.69	8,220.14	8,186.59	33.55	244.996		
5,400.00	5,007.92	4,986.57	4,985.68	39.09	1.53	-53.80	-213.92	-9,472.68	8,191.98	8,157.64	34.34	238.542		
5,500.00	5,098.51	5,070.34	5,069.43	39.95	1.55	-54.00	-212.30	-9,471.76	8,163.98	8,128.84	35.14	232.352		
5,600.00	5,189.11	5,147.88	5,146.96	40.81	1.57	-54.18	-210.96	-9,470.98	8,136.20	8,100.26	35.94	226.406		
5,700.00	5,279.70	5,221.35	5,220.41	41.68	1.59	-54.36	-209.80	-9,470.36	8,108.72	8,071.98	36.74	220.698		
5,800.00	5,370.29	5,292.05	5,291.11	42.54	1.61	-54.53	-208.88	-9,469.90	8,081.59	8,044.04	37.55	215.216		
5,900.00	5,460.88	5,364.30	5,363.35	43.40	1.63	-54.71	-208.09	-9,469.57	8,054.80	8,016.43	38.36	209.959		
6,000.00	5,551.47	5,437.12	5,436.16	44.26	1.65	-54.89	-207.30	-9,469.41	8,028.34	7,989.16	39.18	204.914		
6,100.00	5,642.07	5,519.13	5,518.17	45.13	1.67	-55.10	-206.42	-9,469.41	8,002.21	7,962.22	39.99	200.081		
6,200.00	5,732.66	5,606.26	5,605.30	45.99	1.70	-55.45	-205.14	-9,468.97	7,975.96	7,935.16	40.80	195.493		
6,300.00	5,823.25	5,771.21	5,770.24	46.85	1.73	-55.74	-204.31	-9,467.98	7,949.40	7,907.79	41.62	191.015		
6,400.00	5,913.84	5,860.81	5,859.83	47.72	1.75	-55.97	-203.64	-9,467.10	7,922.87	7,880.42	42.45	186.661		
6,500.00	6,004.44	5,953.06	5,952.08	48.58	1.77	-56.21	-202.79	-9,466.25	7,896.51	7,853.23	43.28	182.467		
6,600.00	6,095.03	6,040.79	6,039.79	49.44	1.80	-56.44	-202.15	-9,465.37	7,870.25	7,826.14	44.11	178.409		
6,700.00	6,185.62	6,118.25	6,117.25	50.30	1.81	-56.65	-201.79	-9,464.65	7,844.25	7,799.30	44.96	174.481		
6,800.00	6,276.21	6,195.88	6,194.87	51.17	1.83	-56.85	-201.36	-9,464.08	7,818.55	7,772.75	45.80	170.693		
6,900.00	6,366.80	6,280.74	6,279.73	52.03	1.85	-57.08	-200.79	-9,463.59	7,793.11	7,746.46	46.65	167.043		
7,000.00	6,457.40	6,353.65	6,352.64	52.89	1.87	-57.27	-200.38	-9,463.23	7,767.93	7,720.42	47.51	163.504		
7,100.00	6,545.60	6,430.54	6,429.54	53.85	1.89	-48.18	-200.13	-9,463.02	7,736.88	7,688.48	48.41	159.836		
7,200.00	6,626.13	6,513.62	6,512.61	55.05	1.92	-43.11	-199.82	-9,462.78	7,690.61	7,641.23	49.37	155.764		
7,300.00	6,696.49	6,567.71	6,566.70	56.46	1.93	-41.56	-199.67	-9,462.68	7,630.50	7,580.12	50.38	151.448		
7,400.00	6,754.56	6,640.58	6,639.58	58.05	1.95	-43.24	-199.60	-9,462.60	7,558.39	7,507.01	51.38	147.108		
7,500.00	6,798.57	6,715.77	6,714.76	59.78	1.96	-48.90	-199.50	-9,462.14	7,476.10	7,423.78	52.33	142.876		
7,600.00	6,827.18	6,738.13	6,737.12	61.58	1.96	-60.52	-199.50	-9,461.97	7,386.43	7,333.22	53.21	138.827		
7,700.00	6,839.51	6,747.47	6,746.46	63.39	1.97	-83.60	-199.50	-9,461.90	7,292.08	7,238.11	53.97	135.114		
7,800.00	6,840.00	6,747.31	6,746.30	65.19	1.97	-91.35	-199.50	-9,461.90	7,196.02	7,141.38	54.64	131.697		
7,900.00	6,840.00	6,746.75	6,745.74	67.04	1.97	-91.34	-199.50	-9,461.91	7,100.03	7,044.70	55.33	128.321		
8,000.00	6,840.00	6,746.18	6,745.17	68.95	1.97	-91.32	-199.50	-9,461.91	7,004.14	6,948.10	56.04	124.974		
8,100.00	6,840.00	6,745.62	6,744.61	70.91	1.97	-91.30	-199.50	-9,461.92	6,908.38	6,851.59	56.79	121.657		
8,200.00	6,840.00	6,745.05	6,744.04	72.91	1.97	-91.29	-199.50	-9,461.92	6,812.73	6,755.18	57.55	118.373		
8,300.00	6,840.00	6,744.48	6,743.47	74.96	1.97	-91.27	-199.50	-9,461.92	6,717.22	6,658.87	58.35	115.122		
8,400.00	6,840.00	6,743.91	6,742.90	77.05	1.97	-91.26	-199.50	-9,461.93	6,621.83	6,562.66	59.17	111.906		
8,500.00	6,840.00	6,743.33	6,742.32	79.18	1.97	-91.24	-199.50	-9,461.93	6,526.58	6,466.56	60.03	108.725		
8,600.00	6,840.00	6,742.76	6,741.75	81.34	1.97	-91.22	-199.50	-9,461.94	6,431.48	6,370.57	60.92	105.581		
8,700.00	6,840.00	6,742.18	6,741.17	83.54	1.97	-91.21	-199.50	-9,461.94	6,336.53	6,274.70	61.83	102.476		
8,800.00	6,840.00	6,741.60	6,740.59	85.76	1.97	-91.19	-199.50	-9,461.94	6,241.74	6,178.95	62.79	99.410		
8,900.00	6,840.00	6,741.01	6,740.00	88.02	1.96	-91.17	-199.50	-9,461.95	6,147.11	6,083.33	63.78	96.385		
9,000.00	6,840.00	6,740.43	6,739.42	90.30	1.96	-91.16	-199.50	-9,461.95	6,052.65	5,987.85	64.80	93.401		
9,100.00	6,840.00	6,739.84	6,738.83	92.60	1.96	-91.14	-199.50	-9,461.96	5,958.37	5,892.51	65.87	90.460		
9,200.00	6,840.00	6,739.25	6,738.24	94.93	1.96	-91.12	-199.50	-9,461.96	5,864.29	5,797.31	66.97	87.563		
9,300.00	6,840.00	6,738.66	6,737.65	97.28	1.96	-91.11	-199.50	-9,461.97	5,770.40	5,702.28	68.12	84.711		
9,400.00	6,840.00	6,738.06	6,737.05	99.65	1.96	-91.09	-199.50	-9,461.97	5,676.72	5,607.41	69.31	81.905		
9,500.00	6,840.00	6,737.47	6,736.46	102.03	1.96	-91.07	-199.50	-9,461.97	5,583.26	5,512.72	70.54	79.145		
9,600.00	6,840.00	6,736.87	6,735.86	104.43	1.96	-91.05	-199.50	-9,461.98	5,490.03	5,418.20	71.83	76.433		
9,700.00	6,840.00	6,736.27	6,735.26	106.85	1.96	-91.04	-199.50	-9,461.98	5,397.04	5,323.88	73.16	73.770		
9,800.00	6,840.00	6,735.66	6,734.65	109.29	1.96	-91.02	-199.50	-9,461.99	5,304.31	5,229.77	74.55	71.155		
9,900.00	6,840.00	6,735.06	6,734.05	111.73	1.96	-91.00	-199.50	-9,461.99	5,211.85	5,135.86	75.98	68.591		
10,000.00	6,840.00	6,734.45	6,733.44	114.19	1.96	-90.99	-199.50	-9,462.00	5,119.67	5,042.19	77.48	66.077		
10,100.00	6,840.00	6,733.84	6,732.83	116.66	1.96	-90.97	-199.50	-9,462.00	5,027.79	4,948.75	79.03	63.615		
10,200.00	6,840.00	6,733.22	6,732.21	119.15	1.96	-90.95	-199.50	-9,462.00	4,936.22	4,855.57	80.65	61.204		
10,300.00	6,840.00	6,732.61	6,731.60	121.64	1.96	-90.93	-199.50	-9,462.01	4,844.99	4,762.66	82.33	58.847		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,731.99	6,730.98	124.14	1.96	-90.92	-199.50	-9,462.01	4,754.11	4,670.03	84.08	56.542		
10,500.00	6,840.00	6,731.37	6,730.36	126.65	1.96	-90.90	-199.50	-9,462.02	4,663.60	4,577.70	85.90	54.290		
10,600.00	6,840.00	6,730.75	6,729.74	129.18	1.96	-90.88	-199.50	-9,462.02	4,573.49	4,485.70	87.80	52.093		
10,700.00	6,840.00	6,730.12	6,729.11	131.70	1.96	-90.86	-199.50	-9,462.03	4,483.80	4,394.03	89.77	49.950		
10,800.00	6,840.00	6,729.49	6,728.48	134.24	1.96	-90.84	-199.50	-9,462.03	4,394.55	4,302.73	91.82	47.861		
10,900.00	6,840.00	6,728.86	6,727.85	136.79	1.96	-90.83	-199.50	-9,462.04	4,305.78	4,211.82	93.96	45.828		
11,000.00	6,840.00	6,728.23	6,727.22	139.34	1.96	-90.81	-199.50	-9,462.04	4,217.51	4,121.32	96.18	43.849		
11,100.00	6,840.00	6,727.60	6,726.59	141.90	1.96	-90.79	-199.50	-9,462.05	4,129.77	4,031.27	98.50	41.927		
11,200.00	6,840.00	6,726.96	6,725.95	144.46	1.96	-90.77	-199.50	-9,462.05	4,042.60	3,941.68	100.92	40.059		
11,300.00	6,840.00	6,726.32	6,725.31	147.03	1.96	-90.75	-199.50	-9,462.06	3,956.04	3,852.61	103.43	38.248		
11,400.00	6,840.00	6,725.67	6,724.66	149.60	1.96	-90.73	-199.50	-9,462.06	3,870.13	3,764.07	106.05	36.492		
11,500.00	6,840.00	6,725.03	6,724.02	152.18	1.96	-90.72	-199.50	-9,462.06	3,784.90	3,676.12	108.79	34.792		
11,600.00	6,840.00	6,724.38	6,723.37	154.77	1.96	-90.70	-199.50	-9,462.07	3,700.42	3,588.79	111.63	33.148		
11,700.00	6,840.00	6,723.73	6,722.72	157.36	1.96	-90.68	-199.50	-9,462.07	3,616.73	3,502.13	114.60	31.560		
11,800.00	6,840.00	6,723.08	6,722.07	159.95	1.96	-90.66	-199.50	-9,462.08	3,533.89	3,416.20	117.69	30.027		
11,900.00	6,840.00	6,722.42	6,721.41	162.55	1.96	-90.64	-199.50	-9,462.08	3,451.95	3,331.05	120.91	28.550		
12,000.00	6,840.00	6,721.76	6,720.75	165.16	1.96	-90.62	-199.50	-9,462.09	3,371.00	3,246.74	124.26	27.129		
12,100.00	6,840.00	6,721.10	6,720.09	167.76	1.96	-90.60	-199.50	-9,462.09	3,291.08	3,163.34	127.75	25.762		
12,200.00	6,840.00	6,720.44	6,719.43	170.37	1.96	-90.58	-199.50	-9,462.10	3,212.30	3,080.92	131.37	24.451		
12,300.00	6,840.00	6,719.77	6,718.76	172.99	1.96	-90.57	-199.50	-9,462.10	3,134.72	2,999.58	135.15	23.195		
12,400.00	6,840.00	6,719.10	6,718.09	175.60	1.96	-90.55	-199.50	-9,462.11	3,058.45	2,919.39	139.06	21.994		
12,500.00	6,840.00	6,718.43	6,717.42	178.23	1.96	-90.53	-199.50	-9,462.11	2,983.57	2,840.45	143.12	20.846		
12,600.00	6,840.00	6,717.75	6,716.74	180.85	1.96	-90.51	-199.50	-9,462.12	2,910.21	2,762.88	147.33	19.753		
12,700.00	6,840.00	6,717.07	6,716.07	183.47	1.96	-90.49	-199.50	-9,462.13	2,838.47	2,686.79	151.68	18.713		
12,800.00	6,840.00	6,716.39	6,715.38	186.10	1.96	-90.47	-199.50	-9,462.13	2,768.49	2,612.32	156.17	17.727		
12,900.00	6,840.00	6,715.71	6,714.70	188.74	1.96	-90.45	-199.50	-9,462.14	2,700.40	2,539.60	160.80	16.794		
13,000.00	6,840.00	6,719.92	6,718.91	191.37	1.96	-90.57	-199.49	-9,462.08	2,634.33	2,468.77	165.55	15.912		
13,100.00	6,840.00	6,718.78	6,717.77	194.01	1.96	-90.54	-199.49	-9,462.09	2,570.47	2,400.05	170.42	15.083		
13,200.00	6,840.00	6,717.67	6,716.66	196.65	1.96	-90.51	-199.49	-9,462.10	2,508.97	2,333.58	175.39	14.305		
13,300.00	6,840.00	6,716.58	6,715.57	199.29	1.96	-90.47	-199.50	-9,462.11	2,450.01	2,269.58	180.43	13.579		
13,400.00	6,840.00	6,715.51	6,714.50	201.93	1.96	-90.44	-199.50	-9,462.12	2,393.78	2,208.25	185.53	12.903		
13,500.00	6,840.00	6,714.46	6,713.45	204.58	1.96	-90.41	-199.50	-9,462.13	2,340.46	2,149.82	190.65	12.276		
13,600.00	6,840.00	6,713.43	6,712.42	207.22	1.96	-90.38	-199.50	-9,462.14	2,290.28	2,094.53	195.75	11.700		
13,700.00	6,840.00	6,712.42	6,711.41	209.87	1.96	-90.36	-199.50	-9,462.15	2,243.43	2,042.63	200.81	11.172		
13,800.00	6,840.00	6,711.42	6,710.41	212.52	1.96	-90.33	-199.50	-9,462.16	2,200.14	1,994.38	205.76	10.693		
13,900.00	6,840.00	6,710.45	6,709.44	215.18	1.96	-90.30	-199.51	-9,462.17	2,160.60	1,950.04	210.56	10.261		
14,000.00	6,840.00	6,709.49	6,708.48	217.83	1.96	-90.27	-199.51	-9,462.18	2,125.04	1,909.88	215.16	9.876		
14,100.00	6,840.00	6,708.54	6,707.53	220.49	1.96	-90.24	-199.51	-9,462.19	2,093.66	1,874.17	219.49	9.539		
14,200.00	6,840.00	6,707.61	6,706.60	223.15	1.96	-90.22	-199.51	-9,462.20	2,066.64	1,843.14	223.51	9.247		
14,300.00	6,840.00	6,706.70	6,705.69	225.81	1.96	-90.19	-199.51	-9,462.20	2,044.17	1,817.03	227.14	9.000		
14,400.00	6,840.00	6,705.80	6,704.79	228.47	1.96	-90.17	-199.51	-9,462.21	2,026.38	1,796.05	230.33	8.798		
14,500.00	6,840.00	6,704.92	6,703.91	231.13	1.96	-90.14	-199.52	-9,462.22	2,013.41	1,780.36	233.04	8.640		
14,600.00	6,840.00	6,704.05	6,703.04	233.79	1.96	-90.12	-199.52	-9,462.23	2,005.34	1,770.11	235.23	8.525		
14,700.00	6,840.00	6,703.20	6,702.19	236.46	1.96	-90.09	-199.52	-9,462.23	2,002.25	1,765.38	236.87	8.453		
14,712.04	6,840.00	6,703.10	6,702.09	236.78	1.96	-90.09	-199.52	-9,462.23	2,002.21	1,765.18	237.03	8.447 CC, ES		
14,800.00	6,840.00	6,702.36	6,701.35	239.12	1.96	-90.07	-199.52	-9,462.24	2,004.14	1,766.21	237.94	8.423 SF		
14,900.00	6,840.00	6,701.53	6,700.52	241.79	1.96	-90.04	-199.52	-9,462.25	2,011.01	1,772.59	238.43	8.434		
15,000.00	6,840.00	6,700.72	6,699.71	244.46	1.96	-90.02	-199.52	-9,462.25	2,022.81	1,784.46	238.35	8.487		
15,100.00	6,840.00	6,699.92	6,698.91	247.13	1.96	-90.00	-199.52	-9,462.26	2,039.45	1,801.72	237.73	8.579		
15,200.00	6,840.00	6,699.13	6,698.12	249.80	1.96	-89.97	-199.52	-9,462.27	2,060.81	1,824.21	236.60	8.710		
15,300.00	6,840.00	6,698.36	6,697.35	252.47	1.96	-89.95	-199.52	-9,462.27	2,086.75	1,851.76	234.99	8.880		
15,400.00	6,840.00	6,697.59	6,696.59	255.15	1.96	-89.93	-199.53	-9,462.28	2,117.10	1,884.15	232.95	9.088		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,696.84	6,695.83	257.82	1.96	-89.91	-199.53	-9,462.28	2,151.67	1,921.15	230.53	9.334		
15,600.00	6,840.00	6,696.10	6,695.09	260.50	1.96	-89.89	-199.53	-9,462.29	2,190.27	1,962.49	227.78	9.616		
15,700.00	6,840.00	6,695.37	6,694.37	263.17	1.96	-89.87	-199.53	-9,462.30	2,232.68	2,007.92	224.76	9.934		
15,800.00	6,840.00	6,694.66	6,693.65	265.85	1.96	-89.85	-199.53	-9,462.30	2,278.69	2,057.17	221.52	10.287		
15,900.00	6,840.00	6,693.95	6,692.94	268.53	1.96	-89.83	-199.53	-9,462.31	2,328.09	2,109.99	218.10	10.674		
16,000.00	6,840.00	6,693.25	6,692.24	271.20	1.96	-89.81	-199.53	-9,462.31	2,380.67	2,166.12	214.56	11.096		
16,100.00	6,840.00	6,692.57	6,691.56	273.88	1.96	-89.79	-199.53	-9,462.32	2,436.22	2,225.30	210.92	11.551		
16,200.00	6,840.00	6,691.89	6,690.88	276.56	1.96	-89.77	-199.53	-9,462.32	2,494.54	2,287.32	207.22	12.038		
16,300.00	6,840.00	6,691.22	6,690.21	279.25	1.96	-89.75	-199.54	-9,462.33	2,555.45	2,351.94	203.51	12.557		
16,400.00	6,840.00	6,690.56	6,689.56	281.93	1.96	-89.73	-199.54	-9,462.33	2,618.76	2,418.96	199.79	13.107		
16,500.00	6,840.00	6,689.92	6,688.91	284.61	1.96	-89.71	-199.54	-9,462.34	2,684.30	2,488.20	196.10	13.688		
16,600.00	6,840.00	6,689.28	6,688.27	287.29	1.96	-89.69	-199.54	-9,462.34	2,751.91	2,559.46	192.45	14.299		
16,700.00	6,840.00	6,688.65	6,687.64	289.98	1.96	-89.67	-199.54	-9,462.35	2,821.45	2,632.59	188.86	14.939		
16,800.00	6,840.00	6,688.03	6,687.02	292.66	1.96	-89.66	-199.54	-9,462.35	2,892.78	2,707.44	185.34	15.608		
16,900.00	6,840.00	6,687.42	6,686.41	295.35	1.96	-89.64	-199.54	-9,462.35	2,965.76	2,783.87	181.90	16.305		
17,000.00	6,840.00	6,686.81	6,685.80	298.03	1.96	-89.62	-199.54	-9,462.36	3,040.28	2,861.74	178.54	17.029		
17,100.00	6,840.00	6,686.22	6,685.21	300.72	1.96	-89.61	-199.54	-9,462.36	3,116.23	2,940.96	175.27	17.780		
17,200.00	6,840.00	6,685.63	6,684.62	303.41	1.96	-89.59	-199.54	-9,462.37	3,193.50	3,021.41	172.09	18.557		
17,300.00	6,840.00	6,685.05	6,684.04	306.09	1.96	-89.57	-199.54	-9,462.37	3,272.00	3,102.99	169.01	19.360		
17,400.00	6,840.00	6,684.48	6,683.47	308.78	1.96	-89.56	-199.54	-9,462.38	3,351.65	3,185.63	166.03	20.187		
17,500.00	6,840.00	6,683.91	6,682.90	311.47	1.96	-89.54	-199.55	-9,462.38	3,432.37	3,269.23	163.14	21.040		
17,600.00	6,840.00	6,683.36	6,682.35	314.16	1.96	-89.52	-199.55	-9,462.38	3,514.07	3,353.73	160.35	21.916		
17,700.00	6,840.00	6,682.81	6,681.80	316.85	1.96	-89.51	-199.55	-9,462.39	3,596.70	3,439.05	157.65	22.815		
17,800.00	6,840.00	6,682.26	6,681.26	319.54	1.96	-89.49	-199.55	-9,462.39	3,680.19	3,525.15	155.04	23.737		
17,900.00	6,840.00	6,681.73	6,680.72	322.23	1.96	-89.48	-199.55	-9,462.39	3,764.49	3,611.96	152.53	24.681		
18,000.00	6,840.00	6,681.20	6,680.19	324.92	1.96	-89.46	-199.55	-9,462.40	3,849.54	3,699.44	150.10	25.647		
18,100.00	6,840.00	6,680.68	6,679.67	327.62	1.96	-89.45	-199.55	-9,462.40	3,935.29	3,787.53	147.76	26.633		
18,200.00	6,840.00	6,680.16	6,679.16	330.31	1.96	-89.43	-199.55	-9,462.40	4,021.70	3,876.20	145.50	27.641		
18,300.00	6,840.00	6,679.66	6,678.65	333.00	1.96	-89.42	-199.55	-9,462.41	4,108.72	3,965.41	143.32	28.668		
18,400.00	6,840.00	6,679.15	6,678.14	335.70	1.96	-89.40	-199.55	-9,462.41	4,196.33	4,055.11	141.22	29.715		
18,500.00	6,840.00	6,678.66	6,677.65	338.39	1.96	-89.39	-199.55	-9,462.41	4,284.48	4,145.28	139.19	30.781		
18,600.00	6,840.00	6,678.17	6,677.16	341.08	1.95	-89.38	-199.55	-9,462.42	4,373.13	4,235.90	137.24	31.866		
18,700.00	6,840.00	6,677.68	6,676.68	343.78	1.95	-89.36	-199.55	-9,462.42	4,462.27	4,326.92	135.35	32.968		
18,800.00	6,840.00	6,677.21	6,676.20	346.47	1.95	-89.35	-199.55	-9,462.42	4,551.86	4,418.33	133.53	34.089		
18,900.00	6,840.00	6,676.73	6,675.73	349.17	1.95	-89.33	-199.55	-9,462.43	4,641.87	4,510.10	131.77	35.226		
19,000.00	6,840.00	6,676.27	6,675.26	351.86	1.95	-89.32	-199.56	-9,462.43	4,732.28	4,602.20	130.08	36.380		
19,100.00	6,840.00	6,675.81	6,674.80	354.56	1.95	-89.31	-199.56	-9,462.43	4,823.08	4,694.63	128.44	37.550		
19,200.00	6,840.00	6,675.35	6,674.34	357.26	1.95	-89.29	-199.56	-9,462.43	4,914.23	4,787.36	126.86	38.736		
19,300.00	6,840.00	6,674.90	6,673.89	359.95	1.95	-89.28	-199.56	-9,462.44	5,005.71	4,880.37	125.34	39.937		
19,400.00	6,840.00	6,674.46	6,673.45	362.65	1.95	-89.27	-199.56	-9,462.44	5,097.52	4,973.65	123.87	41.153		
19,500.00	6,840.00	6,674.02	6,673.01	365.35	1.95	-89.26	-199.56	-9,462.44	5,189.63	5,067.19	122.44	42.384		
19,600.00	6,840.00	6,673.59	6,672.58	368.05	1.95	-89.24	-199.56	-9,462.44	5,282.03	5,160.96	121.07	43.628		
19,700.00	6,840.00	6,673.16	6,672.15	370.74	1.95	-89.23	-199.56	-9,462.45	5,374.70	5,254.96	119.74	44.886		
19,800.00	6,840.00	6,672.73	6,671.72	373.44	1.95	-89.22	-199.56	-9,462.45	5,467.62	5,349.17	118.45	46.158		
19,900.00	6,840.00	6,672.31	6,671.31	376.14	1.95	-89.21	-199.56	-9,462.45	5,560.80	5,443.58	117.21	47.442		
20,000.00	6,840.00	6,671.90	6,670.89	378.84	1.95	-89.20	-199.56	-9,462.45	5,654.20	5,538.19	116.01	48.739		
20,100.00	6,840.00	6,671.49	6,670.48	381.54	1.95	-89.18	-199.56	-9,462.46	5,747.83	5,632.98	114.85	50.047		
20,200.00	6,840.00	6,671.08	6,670.08	384.24	1.95	-89.17	-199.56	-9,462.46	5,841.67	5,727.95	113.72	51.368		
20,300.00	6,840.00	6,670.68	6,669.68	386.94	1.95	-89.16	-199.56	-9,462.46	5,935.71	5,823.08	112.63	52.700		
20,400.00	6,840.00	6,670.29	6,669.28	389.64	1.95	-89.15	-199.56	-9,462.46	6,029.94	5,918.36	111.58	54.042		
20,500.00	6,840.00	6,669.90	6,668.89	392.34	1.95	-89.14	-199.56	-9,462.47	6,124.36	6,013.80	110.56	55.396		
20,600.00	6,840.00	6,669.51	6,668.50	395.04	1.95	-89.13	-199.56	-9,462.47	6,218.95	6,109.38	109.57	56.759		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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					
20,609.76	6,840.00	6,669.47	6,668.46	395.31	1.95	-89.13	-199.56	-9,462.47	6,228.18	6,118.71	109.47	56.893					

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
0.00	0.00	0.00	0.00	0.00	0.00	-101.40	-1,660.95	-8,234.56	8,401.47					
100.00	100.00	0.00	0.00	0.13	0.00	-101.40	-1,660.95	-8,234.56	8,400.47	8,400.33	0.13	N/A		
200.00	200.00	130.19	130.19	0.49	0.15	-101.40	-1,660.58	-8,233.85	8,399.88	8,399.24	0.64	N/A		
300.00	300.00	200.00	200.00	0.85	0.24	-101.40	-1,660.40	-8,233.54	8,399.36	8,398.27	1.09	7,707.411		
400.00	400.00	283.65	283.65	1.21	0.31	-101.40	-1,660.28	-8,233.39	8,399.14	8,397.62	1.52	5,529.585		
500.00	499.98	361.46	361.46	1.57	0.33	-52.16	-1,660.24	-8,233.31	8,397.97	8,396.07	1.89	4,442.228		
600.00	599.84	450.79	450.79	1.93	0.35	-52.24	-1,660.47	-8,233.42	8,394.92	8,392.64	2.28	3,685.541		
700.00	699.45	551.82	551.82	2.29	0.39	-52.37	-1,660.65	-8,233.54	8,389.73	8,387.06	2.68	3,131.591		
800.00	798.70	645.27	645.26	2.67	0.42	-52.55	-1,660.55	-8,233.75	8,382.46	8,379.38	3.08	2,719.303		
900.00	897.47	755.86	755.86	3.07	0.45	-52.79	-1,660.42	-8,234.03	8,373.14	8,369.64	3.50	2,395.409		
1,000.00	995.62	863.00	862.99	3.50	0.47	-53.09	-1,660.46	-8,234.00	8,361.48	8,357.55	3.92	2,131.971		
1,100.00	1,093.06	951.84	951.83	3.97	0.50	-53.42	-1,660.52	-8,234.01	8,347.82	8,343.45	4.37	1,909.385		
1,200.00	1,189.64	1,037.33	1,037.32	4.47	0.52	-53.80	-1,660.54	-8,234.14	8,332.28	8,327.43	4.85	1,717.849		
1,300.00	1,285.27	1,124.91	1,124.90	5.01	0.56	-54.23	-1,660.56	-8,234.39	8,314.88	8,309.51	5.37	1,548.144		
1,400.00	1,379.82	1,224.12	1,224.12	5.61	0.60	-54.74	-1,660.62	-8,234.67	8,295.56	8,289.64	5.93	1,399.382		
1,500.00	1,473.17	1,322.62	1,322.62	6.25	0.63	-55.30	-1,660.91	-8,234.84	8,274.30	8,267.78	6.52	1,269.505		
1,600.00	1,565.21	1,413.18	1,413.17	6.96	0.66	-55.90	-1,661.14	-8,234.96	8,251.17	8,244.02	7.15	1,153.527		
1,700.00	1,656.01	1,484.79	1,484.78	7.72	0.69	-56.30	-1,661.27	-8,235.18	8,226.62	8,218.80	7.82	1,051.441		
1,800.00	1,746.60	1,586.61	1,586.60	8.50	0.73	-56.56	-1,661.38	-8,235.59	8,202.03	8,193.50	8.53	961.833		
1,900.00	1,837.19	1,669.20	1,669.19	9.30	0.76	-56.77	-1,661.35	-8,235.89	8,177.51	8,168.27	9.24	884.952		
2,000.00	1,927.79	1,749.35	1,749.34	10.12	0.79	-56.97	-1,661.24	-8,236.32	8,153.26	8,143.30	9.97	818.094		
2,100.00	2,018.38	1,872.53	1,872.51	10.93	0.82	-57.29	-1,660.94	-8,236.98	8,129.18	8,118.47	10.71	759.373		
2,200.00	2,108.97	1,974.35	1,974.33	11.76	0.84	-57.54	-1,660.08	-8,237.20	8,104.77	8,093.33	11.45	708.104		
2,300.00	2,199.56	2,095.26	2,095.23	12.59	0.87	-57.85	-1,658.65	-8,237.40	8,080.41	8,068.21	12.20	662.520		
2,400.00	2,290.15	2,171.69	2,171.66	13.43	0.89	-58.04	-1,657.48	-8,237.47	8,056.03	8,043.08	12.95	622.201		
2,500.00	2,380.75	2,266.54	2,266.49	14.26	0.92	-58.28	-1,655.99	-8,237.70	8,031.91	8,018.20	13.71	585.994		
2,600.00	2,471.34	2,372.82	2,372.76	15.11	0.95	-58.55	-1,654.23	-8,237.79	8,007.77	7,993.30	14.47	553.332		
2,700.00	2,561.93	2,516.16	2,516.08	15.95	0.98	-58.92	-1,651.88	-8,237.24	7,983.35	7,968.11	15.24	523.811		
2,800.00	2,652.52	2,581.74	2,581.65	16.80	1.00	-59.09	-1,650.99	-8,236.84	7,958.96	7,942.95	16.01	497.088		
2,900.00	2,743.12	2,675.37	2,675.28	17.64	1.02	-59.34	-1,649.93	-8,236.40	7,934.89	7,918.11	16.79	472.683		
3,000.00	2,833.71	2,771.09	2,770.99	18.49	1.04	-59.60	-1,649.21	-8,235.73	7,910.87	7,893.31	17.57	450.310		
3,100.00	2,924.30	2,845.33	2,845.22	19.35	1.05	-59.80	-1,648.74	-8,235.21	7,887.05	7,868.70	18.35	429.755		
3,200.00	3,014.89	2,937.51	2,937.40	20.20	1.07	-60.05	-1,648.08	-8,234.86	7,863.63	7,844.49	19.14	410.821		
3,300.00	3,105.48	3,054.37	3,054.25	21.05	1.10	-60.37	-1,647.31	-8,233.83	7,839.91	7,819.98	19.94	393.270		
3,400.00	3,196.08	3,124.01	3,123.89	21.91	1.11	-60.56	-1,646.84	-8,233.28	7,816.47	7,795.73	20.73	377.019		
3,500.00	3,286.67	3,183.77	3,183.65	22.76	1.11	-60.72	-1,646.78	-8,232.93	7,793.51	7,771.97	21.53	361.974		
3,600.00	3,377.26	3,241.61	3,241.49	23.62	1.12	-60.89	-1,647.08	-8,232.71	7,771.08	7,748.74	22.34	347.913		
3,700.00	3,467.85	3,300.00	3,299.88	24.47	1.12	-61.06	-1,647.63	-8,232.69	7,749.21	7,726.06	23.15	334.781		
3,800.00	3,558.45	3,386.23	3,386.10	25.33	1.13	-61.30	-1,648.57	-8,232.81	7,727.73	7,703.76	23.96	322.459		
3,900.00	3,649.04	3,503.02	3,502.89	26.19	1.15	-61.64	-1,649.77	-8,232.84	7,706.31	7,681.52	24.79	310.907		
4,000.00	3,739.63	3,579.33	3,579.19	27.05	1.16	-61.87	-1,650.70	-8,232.74	7,684.98	7,659.37	25.61	300.064		
4,100.00	3,830.22	3,648.69	3,648.54	27.90	1.17	-62.07	-1,651.69	-8,232.74	7,664.02	7,637.58	26.44	289.873		
4,200.00	3,920.81	3,717.07	3,716.92	28.76	1.18	-62.27	-1,652.68	-8,232.96	7,643.52	7,616.25	27.27	280.283		
4,300.00	4,011.41	3,791.70	3,791.53	29.62	1.19	-62.49	-1,653.74	-8,233.40	7,623.42	7,595.32	28.11	271.237		
4,400.00	4,102.00	3,878.83	3,878.65	30.48	1.21	-62.75	-1,654.92	-8,234.05	7,603.63	7,574.69	28.95	262.687		
4,500.00	4,192.59	3,949.65	3,949.46	31.34	1.22	-62.96	-1,655.84	-8,234.67	7,584.13	7,554.35	29.79	254.604		
4,600.00	4,283.18	4,013.19	4,013.00	32.20	1.23	-63.15	-1,656.71	-8,235.43	7,565.12	7,534.48	30.63	246.956		
4,700.00	4,373.78	4,070.96	4,070.76	33.06	1.25	-63.32	-1,657.54	-8,236.37	7,546.66	7,515.18	31.48	239.715		
4,800.00	4,464.37	4,122.47	4,122.24	33.92	1.26	-63.47	-1,658.31	-8,237.43	7,528.81	7,496.48	32.33	232.856		
4,900.00	4,554.96	4,167.67	4,167.43	34.78	1.27	-63.61	-1,659.02	-8,238.65	7,511.68	7,478.49	33.19	226.357		
5,000.00	4,645.55	4,222.64	4,222.35	35.64	1.28	-63.77	-1,659.91	-8,240.48	7,495.28	7,461.24	34.04	220.181		
5,100.00	4,736.14	4,303.40	4,303.05	36.51	1.30	-64.01	-1,660.93	-8,243.50	7,479.32	7,444.41	34.90	214.292		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,826.74	4,438.20	4,437.76	37.37	1.33	-64.40	-1,661.89	-8,248.43	7,463.26	7,427.49	35.77	208.634		
5,300.00	4,917.33	4,526.83	4,526.33	38.23	1.35	-64.66	-1,662.75	-8,251.30	7,447.16	7,410.52	36.64	203.249		
5,400.00	5,007.92	4,592.80	4,592.26	39.09	1.37	-64.86	-1,663.42	-8,253.61	7,431.47	7,393.96	37.51	198.122		
5,500.00	5,098.51	5,500.00	4,872.38	39.95	1.58	-65.68	-1,663.08	-8,261.05	7,414.63	7,376.09	38.54	192.411		
5,600.00	5,189.11	5,017.97	5,017.31	40.81	1.47	-66.11	-1,662.17	-8,262.61	7,396.62	7,357.35	39.27	188.374		
5,700.00	5,279.70	5,115.25	5,114.58	41.68	1.49	-66.40	-1,661.87	-8,263.25	7,378.63	7,338.49	40.14	183.809		
5,800.00	5,370.29	5,223.40	5,222.73	42.54	1.51	-66.73	-1,661.44	-8,263.83	7,360.71	7,319.69	41.02	179.443		
5,900.00	5,460.88	5,331.92	5,331.25	43.40	1.53	-67.06	-1,660.79	-8,264.09	7,342.64	7,300.74	41.89	175.271		
6,000.00	5,551.47	5,405.37	5,404.70	44.26	1.55	-67.28	-1,660.63	-8,264.21	7,324.86	7,282.08	42.77	171.250		
6,100.00	5,642.07	5,483.24	5,482.57	45.13	1.57	-67.53	-1,660.66	-8,264.43	7,307.46	7,263.80	43.66	167.356		
6,200.00	5,732.66	5,590.60	5,589.93	45.99	1.59	-67.86	-1,660.67	-8,264.74	7,290.28	7,245.73	44.56	163.621		
6,300.00	5,823.25	5,669.45	5,668.78	46.85	1.61	-68.11	-1,660.65	-8,264.91	7,273.22	7,227.77	45.45	160.025		
6,400.00	5,913.84	5,757.50	5,756.83	47.72	1.64	-68.38	-1,660.56	-8,265.27	7,256.50	7,210.16	46.35	156.574		
6,500.00	6,004.44	5,838.35	5,837.67	48.58	1.65	-68.63	-1,660.25	-8,265.72	7,239.99	7,192.75	47.24	153.256		
6,600.00	6,095.03	5,907.26	5,906.58	49.44	1.67	-68.85	-1,660.29	-8,266.17	7,223.94	7,175.80	48.14	150.061		
6,700.00	6,185.62	5,981.96	5,981.28	50.30	1.69	-69.09	-1,660.56	-8,266.76	7,208.32	7,159.28	49.05	146.969		
6,800.00	6,276.21	6,086.68	6,086.00	51.17	1.71	-69.42	-1,660.71	-8,267.76	7,192.98	7,143.03	49.95	143.997		
6,900.00	6,366.80	6,219.23	6,218.55	52.03	1.74	-69.84	-1,660.49	-8,268.62	7,177.46	7,126.61	50.86	141.133		
7,000.00	6,457.40	6,329.15	6,328.47	52.89	1.75	-70.19	-1,660.40	-8,268.64	7,161.66	7,109.91	51.74	138.409		
7,100.00	6,545.60	6,400.00	6,399.32	53.85	1.75	-61.31	-1,660.44	-8,268.67	7,140.29	7,087.59	52.71	135.475		
7,200.00	6,626.13	6,481.06	6,480.38	55.05	1.76	-56.74	-1,660.51	-8,268.79	7,104.70	7,050.86	53.84	131.966		
7,300.00	6,696.49	6,555.46	6,554.77	56.46	1.78	-56.01	-1,660.43	-8,268.95	7,055.81	7,000.72	55.09	128.085		
7,400.00	6,754.56	6,617.31	6,616.62	58.05	1.79	-58.37	-1,660.21	-8,269.13	6,995.17	6,938.76	56.41	123.996		
7,500.00	6,798.57	6,663.17	6,662.49	59.78	1.79	-63.87	-1,660.16	-8,269.18	6,924.71	6,866.93	57.78	119.856		
7,600.00	6,827.18	6,692.64	6,691.95	61.58	1.79	-72.99	-1,660.22	-8,269.16	6,846.59	6,787.46	59.13	115.794		
7,700.00	6,839.51	6,705.10	6,704.42	63.39	1.79	-86.21	-1,660.26	-8,269.13	6,763.18	6,702.76	60.42	111.934		
7,800.00	6,840.00	6,705.37	6,704.68	65.19	1.79	-89.98	-1,660.26	-8,269.13	6,677.51	6,615.85	61.66	108.297		
7,900.00	6,840.00	6,705.14	6,704.45	67.04	1.79	-89.97	-1,660.26	-8,269.13	6,592.17	6,529.23	62.94	104.742		
8,000.00	6,840.00	6,704.91	6,704.23	68.95	1.79	-89.97	-1,660.26	-8,269.13	6,507.24	6,442.98	64.26	101.261		
8,100.00	6,840.00	6,704.69	6,704.00	70.91	1.79	-89.97	-1,660.26	-8,269.13	6,422.74	6,357.11	65.63	97.857		
8,200.00	6,840.00	6,704.47	6,703.78	72.91	1.79	-89.96	-1,660.26	-8,269.14	6,338.70	6,271.65	67.05	94.530		
8,300.00	6,840.00	6,704.25	6,703.56	74.96	1.79	-89.96	-1,660.26	-8,269.14	6,255.13	6,186.60	68.52	91.283		
8,400.00	6,840.00	6,704.03	6,703.34	77.05	1.79	-89.96	-1,660.26	-8,269.14	6,172.04	6,102.00	70.05	88.115		
8,500.00	6,840.00	6,703.81	6,703.13	79.18	1.79	-89.95	-1,660.26	-8,269.14	6,089.47	6,017.85	71.62	85.028		
8,600.00	6,840.00	6,703.60	6,702.91	81.34	1.79	-89.95	-1,660.26	-8,269.14	6,007.42	5,934.18	73.24	82.022		
8,700.00	6,840.00	6,703.39	6,702.70	83.54	1.79	-89.95	-1,660.26	-8,269.14	5,925.92	5,851.00	74.92	79.097		
8,800.00	6,840.00	6,703.18	6,702.49	85.76	1.79	-89.94	-1,660.26	-8,269.14	5,845.00	5,768.35	76.65	76.253		
8,900.00	6,840.00	6,702.97	6,702.29	88.02	1.79	-89.94	-1,660.26	-8,269.14	5,764.68	5,686.24	78.44	73.491		
9,000.00	6,840.00	6,702.77	6,702.08	90.30	1.79	-89.94	-1,660.25	-8,269.14	5,684.98	5,604.70	80.29	70.809		
9,100.00	6,840.00	6,702.56	6,701.88	92.60	1.79	-89.93	-1,660.25	-8,269.14	5,605.94	5,523.75	82.19	68.209		
9,200.00	6,840.00	6,702.36	6,701.68	94.93	1.79	-89.93	-1,660.25	-8,269.14	5,527.57	5,443.42	84.15	65.688		
9,300.00	6,840.00	6,702.16	6,701.48	97.28	1.79	-89.93	-1,660.25	-8,269.14	5,449.91	5,363.74	86.17	63.247		
9,400.00	6,840.00	6,701.97	6,701.28	99.65	1.79	-89.92	-1,660.25	-8,269.14	5,372.99	5,284.74	88.25	60.884		
9,500.00	6,840.00	6,701.77	6,701.09	102.03	1.79	-89.92	-1,660.25	-8,269.14	5,296.84	5,206.44	90.39	58.599		
9,600.00	6,840.00	6,701.58	6,700.89	104.43	1.79	-89.92	-1,660.25	-8,269.14	5,221.49	5,128.89	92.59	56.391		
9,700.00	6,840.00	6,701.39	6,700.70	106.85	1.79	-89.91	-1,660.25	-8,269.14	5,146.98	5,052.12	94.86	54.258		
9,800.00	6,840.00	6,701.20	6,700.51	109.29	1.79	-89.91	-1,660.25	-8,269.14	5,073.35	4,976.17	97.19	52.201		
9,900.00	6,840.00	6,701.01	6,700.32	111.73	1.79	-89.91	-1,660.25	-8,269.14	5,000.64	4,901.06	99.58	50.217		
10,000.00	6,840.00	6,700.82	6,700.14	114.19	1.79	-89.90	-1,660.25	-8,269.14	4,928.88	4,826.85	102.04	48.305		
10,100.00	6,840.00	6,700.64	6,699.95	116.66	1.79	-89.90	-1,660.25	-8,269.14	4,858.13	4,753.57	104.56	46.464		
10,200.00	6,840.00	6,700.46	6,699.77	119.15	1.79	-89.90	-1,660.25	-8,269.14	4,788.41	4,681.27	107.14	44.693		
10,300.00	6,840.00	6,700.28	6,699.59	121.64	1.79	-89.89	-1,660.24	-8,269.14	4,719.78	4,610.00	109.79	42.991		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,700.10	6,699.41	124.14	1.79	-89.89	-1,660.24	-8,269.14	4,652.29	4,539.80	112.50	41.355		
10,500.00	6,840.00	6,699.92	6,699.23	126.65	1.79	-89.89	-1,660.24	-8,269.14	4,585.99	4,470.73	115.27	39.786		
10,600.00	6,840.00	6,699.74	6,699.06	129.18	1.79	-89.88	-1,660.24	-8,269.15	4,520.93	4,402.83	118.10	38.281		
10,700.00	6,840.00	6,699.57	6,698.88	131.70	1.79	-89.88	-1,660.24	-8,269.15	4,457.16	4,336.17	120.99	36.839		
10,800.00	6,840.00	6,699.40	6,698.71	134.24	1.79	-89.88	-1,660.24	-8,269.15	4,394.75	4,270.81	123.94	35.459		
10,900.00	6,840.00	6,699.23	6,698.54	136.79	1.79	-89.88	-1,660.24	-8,269.15	4,333.74	4,206.80	126.94	34.140		
11,000.00	6,840.00	6,699.06	6,698.37	139.34	1.79	-89.87	-1,660.24	-8,269.15	4,274.20	4,144.20	130.00	32.879		
11,100.00	6,840.00	6,698.89	6,698.20	141.90	1.79	-89.87	-1,660.24	-8,269.15	4,216.19	4,083.09	133.10	31.676		
11,200.00	6,840.00	6,698.72	6,698.04	144.46	1.79	-89.87	-1,660.24	-8,269.15	4,159.77	4,023.52	136.25	30.530		
11,300.00	6,840.00	6,698.56	6,697.87	147.03	1.79	-89.87	-1,660.24	-8,269.15	4,105.02	3,965.58	139.44	29.438		
11,400.00	6,840.00	6,698.39	6,697.71	149.60	1.79	-89.86	-1,660.24	-8,269.15	4,052.00	3,909.33	142.67	28.401		
11,500.00	6,840.00	6,698.23	6,697.55	152.18	1.79	-89.86	-1,660.24	-8,269.15	4,000.77	3,854.84	145.93	27.415		
11,600.00	6,840.00	6,698.07	6,697.39	154.77	1.79	-89.86	-1,660.24	-8,269.15	3,951.41	3,802.20	149.21	26.481		
11,700.00	6,840.00	6,697.91	6,697.23	157.36	1.79	-89.85	-1,660.24	-8,269.15	3,903.99	3,751.48	152.52	25.597		
11,800.00	6,840.00	6,697.75	6,697.07	159.95	1.79	-89.85	-1,660.24	-8,269.15	3,858.58	3,702.75	155.83	24.762		
11,900.00	6,840.00	6,697.60	6,696.91	162.55	1.79	-89.85	-1,660.24	-8,269.15	3,815.25	3,656.11	159.14	23.974		
12,000.00	6,840.00	6,697.44	6,696.76	165.16	1.79	-89.85	-1,660.23	-8,269.15	3,774.07	3,611.62	162.45	23.232		
12,100.00	6,840.00	6,697.29	6,696.60	167.76	1.79	-89.84	-1,660.23	-8,269.15	3,735.12	3,569.37	165.74	22.536		
12,200.00	6,840.00	6,697.14	6,696.45	170.37	1.79	-89.84	-1,660.23	-8,269.15	3,698.46	3,529.45	169.01	21.883		
12,300.00	6,840.00	6,696.99	6,696.30	172.99	1.79	-89.84	-1,660.23	-8,269.15	3,664.16	3,491.92	172.24	21.274		
12,400.00	6,840.00	6,696.84	6,696.15	175.60	1.79	-89.84	-1,660.23	-8,269.15	3,632.29	3,456.87	175.42	20.706		
12,500.00	6,840.00	6,696.69	6,696.00	178.23	1.79	-89.83	-1,660.23	-8,269.15	3,602.92	3,424.37	178.55	20.179		
12,600.00	6,840.00	6,696.54	6,695.85	180.85	1.79	-89.83	-1,660.23	-8,269.15	3,576.10	3,394.49	181.61	19.691		
12,700.00	6,840.00	6,696.39	6,695.71	183.47	1.79	-89.83	-1,660.23	-8,269.15	3,551.90	3,367.31	184.59	19.242		
12,800.00	6,840.00	6,696.25	6,695.56	186.10	1.79	-89.83	-1,660.23	-8,269.15	3,530.37	3,342.89	187.47	18.831		
12,900.00	6,840.00	6,696.11	6,695.42	188.74	1.79	-89.82	-1,660.23	-8,269.15	3,511.55	3,321.29	190.26	18.457		
13,000.00	6,840.00	6,695.96	6,695.28	191.37	1.79	-89.82	-1,660.23	-8,269.15	3,495.49	3,302.56	192.93	18.118		
13,100.00	6,840.00	6,695.82	6,695.14	194.01	1.79	-89.82	-1,660.23	-8,269.15	3,482.23	3,286.75	195.48	17.814		
13,200.00	6,840.00	6,695.68	6,695.00	196.65	1.79	-89.82	-1,660.23	-8,269.15	3,471.80	3,273.91	197.89	17.544		
13,300.00	6,840.00	6,695.54	6,694.86	199.29	1.79	-89.82	-1,660.23	-8,269.15	3,464.23	3,264.07	200.17	17.307		
13,400.00	6,840.00	6,695.41	6,694.72	201.93	1.79	-89.81	-1,660.23	-8,269.15	3,459.54	3,257.25	202.29	17.102		
13,500.00	6,840.00	6,695.27	6,694.58	204.58	1.79	-89.81	-1,660.23	-8,269.15	3,457.73	3,253.47	204.26	16.928		
13,512.58	6,840.00	6,695.25	6,694.57	204.91	1.79	-89.81	-1,660.23	-8,269.15	3,457.70	3,253.21	204.50	16.908 CC		
13,600.00	6,840.00	6,695.13	6,694.45	207.22	1.79	-89.81	-1,660.23	-8,269.15	3,458.81	3,252.74	206.06	16.785 ES		
13,700.00	6,840.00	6,695.00	6,694.31	209.87	1.79	-89.81	-1,660.23	-8,269.15	3,462.78	3,255.08	207.70	16.672		
13,800.00	6,840.00	6,694.87	6,694.18	212.52	1.79	-89.80	-1,660.23	-8,269.15	3,469.63	3,260.45	209.18	16.587		
13,900.00	6,840.00	6,694.73	6,694.05	215.18	1.79	-89.80	-1,660.23	-8,269.15	3,479.34	3,268.87	210.47	16.531		
14,000.00	6,840.00	6,694.60	6,693.92	217.83	1.79	-89.80	-1,660.22	-8,269.15	3,491.89	3,280.29	211.60	16.502		
14,100.00	6,840.00	6,694.47	6,693.79	220.49	1.79	-89.80	-1,660.22	-8,269.15	3,507.25	3,294.69	212.56	16.500 SF		
14,200.00	6,840.00	6,694.34	6,693.66	223.15	1.79	-89.80	-1,660.22	-8,269.15	3,525.37	3,312.02	213.35	16.524		
14,300.00	6,840.00	6,694.21	6,693.53	225.81	1.79	-89.79	-1,660.22	-8,269.16	3,546.23	3,332.26	213.97	16.573		
14,400.00	6,840.00	6,694.09	6,693.40	228.47	1.79	-89.79	-1,660.22	-8,269.16	3,569.77	3,355.33	214.44	16.647		
14,500.00	6,840.00	6,693.96	6,693.27	231.13	1.79	-89.79	-1,660.22	-8,269.16	3,595.93	3,381.19	214.74	16.745		
14,600.00	6,840.00	6,693.84	6,693.15	233.79	1.79	-89.79	-1,660.22	-8,269.16	3,624.67	3,409.77	214.90	16.867		
14,700.00	6,840.00	6,693.71	6,693.03	236.46	1.79	-89.79	-1,660.22	-8,269.16	3,655.91	3,441.00	214.91	17.011		
14,800.00	6,840.00	6,693.59	6,692.90	239.12	1.79	-89.78	-1,660.22	-8,269.16	3,689.60	3,474.82	214.79	17.178		
14,900.00	6,840.00	6,693.47	6,692.78	241.79	1.79	-89.78	-1,660.22	-8,269.16	3,725.67	3,511.14	214.53	17.366		
15,000.00	6,840.00	6,693.34	6,692.66	244.46	1.79	-89.78	-1,660.22	-8,269.16	3,764.06	3,549.90	214.16	17.576		
15,100.00	6,840.00	6,693.22	6,692.54	247.13	1.79	-89.78	-1,660.22	-8,269.16	3,804.68	3,591.01	213.68	17.806		
15,200.00	6,840.00	6,693.10	6,692.42	249.80	1.79	-89.77	-1,660.22	-8,269.16	3,847.48	3,634.39	213.09	18.056		
15,300.00	6,840.00	6,692.99	6,692.30	252.47	1.79	-89.77	-1,660.22	-8,269.16	3,892.37	3,679.98	212.40	18.326		
15,400.00	6,840.00	6,692.87	6,692.18	255.15	1.79	-89.77	-1,660.22	-8,269.16	3,939.30	3,727.67	211.62	18.615		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,692.75	6,692.07	257.82	1.79	-89.77	-1,660.22	-8,269.16	3,988.18	3,777.41	210.77	18.922		
15,600.00	6,840.00	6,692.64	6,691.95	260.50	1.79	-89.77	-1,660.22	-8,269.16	4,038.94	3,829.10	209.84	19.247		
15,700.00	6,840.00	6,692.52	6,691.83	263.17	1.79	-89.77	-1,660.22	-8,269.16	4,091.52	3,882.66	208.85	19.590		
15,800.00	6,840.00	6,692.41	6,691.72	265.85	1.79	-89.76	-1,660.22	-8,269.16	4,145.84	3,938.04	207.80	19.951		
15,900.00	6,840.00	6,692.29	6,691.61	268.53	1.79	-89.76	-1,660.22	-8,269.16	4,201.84	3,995.14	206.71	20.328		
16,000.00	6,840.00	6,692.18	6,691.49	271.20	1.79	-89.76	-1,660.22	-8,269.16	4,259.46	4,053.89	205.56	20.721		
16,100.00	6,840.00	6,692.07	6,691.38	273.88	1.79	-89.76	-1,660.22	-8,269.16	4,318.62	4,114.24	204.38	21.130		
16,200.00	6,840.00	6,691.96	6,691.27	276.56	1.79	-89.76	-1,660.22	-8,269.16	4,379.26	4,176.10	203.16	21.555		
16,300.00	6,840.00	6,691.85	6,691.16	279.25	1.79	-89.75	-1,660.22	-8,269.16	4,441.33	4,239.41	201.92	21.995		
16,400.00	6,840.00	6,691.74	6,691.05	281.93	1.79	-89.75	-1,660.22	-8,269.16	4,504.76	4,304.11	200.66	22.450		
16,500.00	6,840.00	6,691.63	6,690.94	284.61	1.79	-89.75	-1,660.22	-8,269.16	4,569.51	4,370.13	199.37	22.919		
16,600.00	6,840.00	6,691.52	6,690.84	287.29	1.79	-89.75	-1,660.22	-8,269.16	4,635.50	4,437.42	198.08	23.403		
16,700.00	6,840.00	6,691.42	6,690.73	289.98	1.79	-89.75	-1,660.21	-8,269.16	4,702.70	4,505.93	196.77	23.900		
16,800.00	6,840.00	6,691.31	6,690.62	292.66	1.79	-89.75	-1,660.21	-8,269.16	4,771.04	4,575.59	195.45	24.410		
16,900.00	6,840.00	6,691.20	6,690.52	295.35	1.79	-89.74	-1,660.21	-8,269.16	4,840.49	4,646.35	194.14	24.933		
17,000.00	6,840.00	6,691.10	6,690.41	298.03	1.79	-89.74	-1,660.21	-8,269.16	4,910.99	4,718.17	192.82	25.469		
17,100.00	6,840.00	6,700.00	6,699.31	300.72	1.79	-89.89	-1,660.24	-8,269.14	4,982.51	4,790.99	191.52	26.016		
17,200.00	6,840.00	6,700.00	6,699.31	303.41	1.79	-89.89	-1,660.24	-8,269.14	5,054.99	4,864.78	190.21	26.576		
17,300.00	6,840.00	6,700.00	6,699.31	306.09	1.79	-89.89	-1,660.24	-8,269.14	5,128.39	4,939.49	188.90	27.148		
17,400.00	6,840.00	6,700.00	6,699.31	308.78	1.79	-89.89	-1,660.24	-8,269.14	5,202.68	5,015.07	187.60	27.732		
17,500.00	6,840.00	6,700.00	6,699.31	311.47	1.79	-89.89	-1,660.24	-8,269.14	5,277.82	5,091.50	186.32	28.327		
17,600.00	6,840.00	6,700.00	6,699.31	314.16	1.79	-89.89	-1,660.24	-8,269.14	5,353.77	5,168.73	185.04	28.933		
17,700.00	6,840.00	6,700.00	6,699.31	316.85	1.79	-89.89	-1,660.24	-8,269.14	5,430.50	5,246.73	183.77	29.550		
17,800.00	6,840.00	6,700.00	6,699.31	319.54	1.79	-89.89	-1,660.24	-8,269.14	5,507.98	5,325.46	182.52	30.177		
17,900.00	6,840.00	6,700.00	6,699.31	322.23	1.79	-89.89	-1,660.24	-8,269.14	5,586.17	5,404.89	181.28	30.815		
18,000.00	6,840.00	6,700.00	6,699.31	324.92	1.79	-89.89	-1,660.24	-8,269.14	5,665.05	5,484.99	180.06	31.462		
18,100.00	6,840.00	6,700.00	6,699.31	327.62	1.79	-89.89	-1,660.24	-8,269.14	5,744.58	5,565.73	178.85	32.119		
18,200.00	6,840.00	6,700.00	6,699.31	330.31	1.79	-89.89	-1,660.24	-8,269.14	5,824.75	5,647.09	177.66	32.786		
18,300.00	6,840.00	6,700.00	6,699.31	333.00	1.79	-89.89	-1,660.24	-8,269.14	5,905.53	5,729.04	176.49	33.462		
18,400.00	6,840.00	6,700.00	6,699.31	335.70	1.79	-89.89	-1,660.24	-8,269.14	5,986.88	5,811.55	175.33	34.146		
18,500.00	6,840.00	6,700.00	6,699.31	338.39	1.79	-89.89	-1,660.24	-8,269.14	6,068.79	5,894.60	174.19	34.840		
18,600.00	6,840.00	6,700.00	6,699.31	341.08	1.79	-89.89	-1,660.24	-8,269.14	6,151.23	5,978.17	173.07	35.542		
18,700.00	6,840.00	6,700.00	6,699.31	343.78	1.79	-89.89	-1,660.24	-8,269.14	6,234.19	6,062.23	171.96	36.253		
18,800.00	6,840.00	6,700.00	6,699.31	346.47	1.79	-89.89	-1,660.24	-8,269.14	6,317.65	6,146.77	170.88	36.972		
18,900.00	6,840.00	6,700.00	6,699.31	349.17	1.79	-89.89	-1,660.24	-8,269.14	6,401.57	6,231.76	169.81	37.698		
19,000.00	6,840.00	6,700.00	6,699.31	351.86	1.79	-89.89	-1,660.24	-8,269.14	6,485.96	6,317.20	168.76	38.433		
19,100.00	6,840.00	6,700.00	6,699.31	354.56	1.79	-89.89	-1,660.24	-8,269.14	6,570.78	6,403.05	167.73	39.175		
19,200.00	6,840.00	6,700.00	6,699.31	357.26	1.79	-89.89	-1,660.24	-8,269.14	6,656.02	6,489.31	166.71	39.925		
19,300.00	6,840.00	6,700.00	6,699.31	359.95	1.79	-89.89	-1,660.24	-8,269.14	6,741.67	6,575.95	165.72	40.682		
19,400.00	6,840.00	6,700.00	6,699.31	362.65	1.79	-89.89	-1,660.24	-8,269.14	6,827.71	6,662.97	164.74	41.446		
19,500.00	6,840.00	6,700.00	6,699.31	365.35	1.79	-89.89	-1,660.24	-8,269.14	6,914.12	6,750.34	163.78	42.217		
19,600.00	6,840.00	6,700.00	6,699.31	368.05	1.79	-89.89	-1,660.24	-8,269.14	7,000.90	6,838.06	162.83	42.994		
19,700.00	6,840.00	6,700.00	6,699.31	370.74	1.79	-89.89	-1,660.24	-8,269.14	7,088.02	6,926.11	161.91	43.779		
19,800.00	6,840.00	6,700.00	6,699.31	373.44	1.79	-89.89	-1,660.24	-8,269.14	7,175.48	7,014.48	161.00	44.569		
19,900.00	6,840.00	6,700.00	6,699.31	376.14	1.79	-89.89	-1,660.24	-8,269.14	7,263.26	7,103.16	160.10	45.366		
20,000.00	6,840.00	6,700.00	6,699.31	378.84	1.79	-89.89	-1,660.24	-8,269.14	7,351.36	7,192.13	159.23	46.170		
20,100.00	6,840.00	6,700.00	6,699.31	381.54	1.79	-89.89	-1,660.24	-8,269.14	7,439.76	7,281.39	158.36	46.979		
20,200.00	6,840.00	6,700.00	6,699.31	384.24	1.79	-89.89	-1,660.24	-8,269.14	7,528.44	7,370.92	157.52	47.794		
20,300.00	6,840.00	6,700.00	6,699.31	386.94	1.79	-89.89	-1,660.24	-8,269.14	7,617.41	7,460.72	156.69	48.614		
20,400.00	6,840.00	6,700.00	6,699.31	389.64	1.79	-89.89	-1,660.24	-8,269.14	7,706.65	7,550.77	155.88	49.440		
20,500.00	6,840.00	6,700.00	6,699.31	392.34	1.79	-89.89	-1,660.24	-8,269.14	7,796.15	7,641.07	155.08	50.272		
20,600.00	6,840.00	6,700.00	6,699.31	395.04	1.79	-89.89	-1,660.24	-8,269.14	7,885.90	7,731.60	154.30	51.109		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,609.76	6,840.00	6,700.00	6,699.31	395.31	1.79	-89.89	-1,660.24	-8,269.14	7,894.67	7,740.45	154.22	51.191	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,811.91	4,811.63	36.51	1.52	-70.19	-1,699.58	-6,909.37	6,275.89	6,239.96	35.92	174.696		
5,200.00	4,826.74	4,895.65	4,895.30	37.37	1.52	-70.52	-1,700.44	-6,906.08	6,257.09	6,220.29	36.80	170.008		
5,300.00	4,917.33	4,967.37	4,966.96	38.23	1.53	-70.81	-1,701.28	-6,903.31	6,238.69	6,201.00	37.69	165.522		
5,400.00	5,007.92	5,024.93	5,024.49	39.09	1.53	-71.03	-1,702.00	-6,901.28	6,220.88	6,182.30	38.58	161.229		
5,500.00	5,098.51	5,071.35	5,070.88	39.95	1.53	-71.22	-1,702.57	-6,899.99	6,203.93	6,164.45	39.48	157.135		
5,600.00	5,189.11	5,137.55	5,137.06	40.81	1.53	-71.48	-1,703.38	-6,898.67	6,187.82	6,147.44	40.38	153.249		
5,700.00	5,279.70	5,221.30	5,220.79	41.68	1.54	-71.81	-1,704.31	-6,897.07	6,172.05	6,130.78	41.27	149.541		
5,800.00	5,370.29	5,281.01	5,280.50	42.54	1.54	-72.04	-1,704.82	-6,896.27	6,156.88	6,114.70	42.17	145.984		
5,900.00	5,460.88	5,359.35	5,358.83	43.40	1.55	-72.34	-1,705.34	-6,895.65	6,142.33	6,099.25	43.08	142.591		
6,000.00	5,551.47	5,437.41	5,436.89	44.26	1.56	-72.65	-1,706.01	-6,895.04	6,128.16	6,084.17	43.98	139.335		
6,100.00	5,642.07	5,508.51	5,507.98	45.13	1.57	-72.93	-1,706.74	-6,894.67	6,114.52	6,069.63	44.89	136.209		
6,200.00	5,732.66	5,584.43	5,583.89	45.99	1.58	-73.23	-1,707.58	-6,894.47	6,101.40	6,055.60	45.80	133.207		
6,300.00	5,823.25	5,678.34	5,677.80	46.85	1.60	-73.59	-1,708.42	-6,894.46	6,088.67	6,041.95	46.72	130.321		
6,400.00	5,913.84	5,816.37	5,815.83	47.72	1.61	-74.13	-1,708.21	-6,894.70	6,075.87	6,028.25	47.62	127.594		
6,500.00	6,004.44	5,963.50	5,962.95	48.58	1.62	-74.69	-1,706.84	-6,893.98	6,062.40	6,013.89	48.51	124.974		
6,600.00	6,095.03	6,066.33	6,065.77	49.44	1.62	-75.09	-1,706.12	-6,892.67	6,048.72	5,999.31	49.41	122.415		
6,700.00	6,185.62	6,155.20	6,154.63	50.30	1.62	-75.44	-1,705.59	-6,891.40	6,035.27	5,984.95	50.32	119.938		
6,800.00	6,276.21	6,234.66	6,234.08	51.17	1.63	-75.76	-1,705.20	-6,890.29	6,022.18	5,970.94	51.23	117.546		
6,900.00	6,366.80	6,307.26	6,306.67	52.03	1.63	-76.05	-1,705.02	-6,889.41	6,009.60	5,957.45	52.15	115.241		
7,000.00	6,457.40	6,383.41	6,382.82	52.89	1.64	-76.35	-1,704.96	-6,888.63	5,997.55	5,944.48	53.07	113.022		
7,100.00	6,545.60	6,468.45	6,467.86	53.85	1.64	-76.56	-1,704.98	-6,887.86	5,980.37	5,926.31	54.06	110.624		
7,200.00	6,626.13	6,552.26	6,551.67	55.05	1.65	-63.10	-1,705.06	-6,887.05	5,949.72	5,894.47	55.24	107.702		
7,300.00	6,696.49	6,624.27	6,623.67	56.46	1.66	-62.46	-1,705.14	-6,886.28	5,906.53	5,849.94	56.58	104.384		
7,400.00	6,754.56	6,679.27	6,678.67	58.05	1.66	-64.72	-1,705.21	-6,885.69	5,852.33	5,794.29	58.05	100.816		
7,500.00	6,798.57	6,716.80	6,716.19	59.78	1.67	-69.64	-1,705.28	-6,885.29	5,788.90	5,729.31	59.59	97.144		
7,600.00	6,827.18	6,738.33	6,737.73	61.58	1.67	-77.27	-1,705.37	-6,885.06	5,718.21	5,657.06	61.16	93.501		
7,700.00	6,839.51	6,747.14	6,746.53	63.39	1.67	-87.60	-1,705.41	-6,884.97	5,642.38	5,579.69	62.69	90.003		
7,800.00	6,840.00	6,746.70	6,746.09	65.19	1.67	-90.44	-1,705.41	-6,884.98	5,564.34	5,500.15	64.19	86.690		
7,900.00	6,840.00	6,745.88	6,745.27	67.04	1.67	-90.43	-1,705.40	-6,884.98	5,486.92	5,421.18	65.73	83.470		
8,000.00	6,840.00	6,745.06	6,744.45	68.95	1.67	-90.42	-1,705.40	-6,884.99	5,410.23	5,342.89	67.34	80.340		
8,100.00	6,840.00	6,744.23	6,743.63	70.91	1.67	-90.40	-1,705.40	-6,885.00	5,334.32	5,265.31	69.01	77.301		
8,200.00	6,840.00	6,743.41	6,742.80	72.91	1.67	-90.39	-1,705.39	-6,885.01	5,259.21	5,188.48	70.73	74.354		
8,300.00	6,840.00	6,742.59	6,741.98	74.96	1.67	-90.38	-1,705.39	-6,885.02	5,184.95	5,112.43	72.52	71.499		
8,400.00	6,840.00	6,741.77	6,741.16	77.05	1.67	-90.36	-1,705.38	-6,885.03	5,111.56	5,037.19	74.36	68.737		
8,500.00	6,840.00	6,740.94	6,740.34	79.18	1.67	-90.35	-1,705.38	-6,885.04	5,039.08	4,962.81	76.27	66.068		
8,600.00	6,840.00	6,740.12	6,739.51	81.34	1.67	-90.34	-1,705.38	-6,885.05	4,967.56	4,889.32	78.24	63.492		
8,700.00	6,840.00	6,739.30	6,738.69	83.54	1.67	-90.32	-1,705.37	-6,885.05	4,897.04	4,816.77	80.27	61.007		
8,800.00	6,840.00	6,738.47	6,737.86	85.76	1.67	-90.31	-1,705.37	-6,885.06	4,827.56	4,745.20	82.36	58.614		
8,900.00	6,840.00	6,737.65	6,737.04	88.02	1.67	-90.30	-1,705.36	-6,885.07	4,759.17	4,674.66	84.51	56.312		
9,000.00	6,840.00	6,736.82	6,736.22	90.30	1.67	-90.28	-1,705.36	-6,885.08	4,691.91	4,605.19	86.73	54.099		
9,100.00	6,840.00	6,736.00	6,735.39	92.60	1.67	-90.27	-1,705.36	-6,885.09	4,625.84	4,536.84	89.00	51.974		
9,200.00	6,840.00	6,735.17	6,734.57	94.93	1.67	-90.26	-1,705.35	-6,885.10	4,561.00	4,469.66	91.34	49.937		
9,300.00	6,840.00	6,734.35	6,733.74	97.28	1.67	-90.24	-1,705.35	-6,885.11	4,497.45	4,403.72	93.73	47.984		
9,400.00	6,840.00	6,733.52	6,732.92	99.65	1.67	-90.23	-1,705.35	-6,885.11	4,435.24	4,339.07	96.18	46.115		
9,500.00	6,840.00	6,732.70	6,732.09	102.03	1.67	-90.21	-1,705.34	-6,885.12	4,374.44	4,275.76	98.68	44.329		
9,600.00	6,840.00	6,731.87	6,731.26	104.43	1.67	-90.20	-1,705.34	-6,885.13	4,315.09	4,213.85	101.24	42.623		
9,700.00	6,840.00	6,731.05	6,730.44	106.85	1.67	-90.19	-1,705.34	-6,885.14	4,257.27	4,153.42	103.85	40.995		
9,800.00	6,840.00	6,730.22	6,729.61	109.29	1.67	-90.17	-1,705.33	-6,885.15	4,201.03	4,094.53	106.50	39.445		
9,900.00	6,840.00	6,729.39	6,728.79	111.73	1.67	-90.16	-1,705.33	-6,885.16	4,146.44	4,037.24	109.20	37.969		
10,000.00	6,840.00	6,728.57	6,727.96	114.19	1.67	-90.15	-1,705.33	-6,885.17	4,093.57	3,981.62	111.95	36.567		
10,100.00	6,840.00	6,727.74	6,727.13	116.66	1.67	-90.13	-1,705.32	-6,885.18	4,042.48	3,927.75	114.72	35.236		
10,200.00	6,840.00	6,726.91	6,726.30	119.15	1.67	-90.12	-1,705.32	-6,885.18	3,993.24	3,875.70	117.53	33.975		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,726.08	6,725.48	121.64	1.67	-90.11	-1,705.32	-6,885.19	3,945.92	3,825.55	120.37	32.781		
10,400.00	6,840.00	6,725.26	6,724.65	124.14	1.67	-90.09	-1,705.31	-6,885.20	3,900.59	3,777.36	123.23	31.654		
10,500.00	6,840.00	6,724.43	6,723.82	126.65	1.67	-90.08	-1,705.31	-6,885.21	3,857.32	3,731.22	126.10	30.590		
10,600.00	6,840.00	6,723.60	6,722.99	129.18	1.67	-90.07	-1,705.31	-6,885.22	3,816.18	3,687.20	128.97	29.589		
10,700.00	6,840.00	6,722.77	6,722.16	131.70	1.67	-90.05	-1,705.30	-6,885.23	3,777.23	3,645.38	131.85	28.648		
10,800.00	6,840.00	6,721.94	6,721.33	134.24	1.67	-90.04	-1,705.30	-6,885.24	3,740.56	3,605.84	134.72	27.766		
10,900.00	6,840.00	6,721.11	6,720.51	136.79	1.67	-90.02	-1,705.30	-6,885.25	3,706.23	3,568.65	137.57	26.940		
11,000.00	6,840.00	6,720.28	6,719.68	139.34	1.67	-90.01	-1,705.30	-6,885.25	3,674.29	3,533.89	140.40	26.171		
11,100.00	6,840.00	6,719.45	6,718.85	141.90	1.67	-90.00	-1,705.29	-6,885.26	3,644.82	3,501.63	143.19	25.455		
11,200.00	6,840.00	6,718.62	6,718.02	144.46	1.67	-89.98	-1,705.29	-6,885.27	3,617.87	3,471.94	145.93	24.791		
11,300.00	6,840.00	6,717.79	6,717.19	147.03	1.67	-89.97	-1,705.29	-6,885.28	3,593.51	3,444.88	148.63	24.178		
11,400.00	6,840.00	6,716.96	6,716.36	149.60	1.67	-89.96	-1,705.29	-6,885.29	3,571.78	3,420.52	151.26	23.614		
11,500.00	6,840.00	6,716.13	6,715.52	152.18	1.66	-89.94	-1,705.28	-6,885.30	3,552.73	3,398.91	153.82	23.097		
11,600.00	6,840.00	6,715.30	6,714.69	154.77	1.66	-89.93	-1,705.28	-6,885.31	3,536.41	3,380.12	156.29	22.627		
11,700.00	6,840.00	6,714.47	6,713.86	157.36	1.66	-89.92	-1,705.28	-6,885.32	3,522.85	3,364.17	158.68	22.201		
11,800.00	6,840.00	6,713.64	6,713.03	159.95	1.66	-89.90	-1,705.28	-6,885.32	3,512.09	3,351.12	160.96	21.819		
11,900.00	6,840.00	6,712.80	6,712.20	162.55	1.66	-89.89	-1,705.27	-6,885.33	3,504.15	3,341.00	163.14	21.479		
12,000.00	6,840.00	6,711.97	6,711.37	165.16	1.66	-89.87	-1,705.27	-6,885.34	3,499.05	3,333.84	165.21	21.179		
12,100.00	6,840.00	6,711.14	6,710.53	167.76	1.66	-89.86	-1,705.27	-6,885.35	3,496.80	3,329.64	167.16	20.919		
12,128.60	6,840.00	6,710.90	6,710.30	168.51	1.66	-89.86	-1,705.27	-6,885.35	3,496.68	3,328.99	167.69	20.852 CC		
12,200.00	6,840.00	6,710.31	6,709.70	170.37	1.66	-89.85	-1,705.27	-6,885.36	3,497.41	3,328.44	168.98	20.698 ES		
12,300.00	6,840.00	6,709.48	6,708.87	172.99	1.66	-89.83	-1,705.27	-6,885.37	3,500.88	3,330.22	170.66	20.513		
12,400.00	6,840.00	6,708.64	6,708.04	175.60	1.66	-89.82	-1,705.26	-6,885.38	3,507.20	3,334.98	172.22	20.365		
12,500.00	6,840.00	6,707.81	6,707.20	178.23	1.66	-89.81	-1,705.26	-6,885.39	3,516.35	3,342.71	173.64	20.251		
12,600.00	6,840.00	6,708.69	6,708.08	180.85	1.66	-89.82	-1,705.26	-6,885.38	3,528.31	3,353.39	174.92	20.171		
12,700.00	6,840.00	6,707.65	6,707.04	183.47	1.66	-89.80	-1,705.26	-6,885.39	3,543.06	3,366.99	176.07	20.124		
12,800.00	6,840.00	6,706.61	6,706.01	186.10	1.66	-89.79	-1,705.26	-6,885.40	3,560.55	3,383.48	177.07	20.108 SF		
12,900.00	6,840.00	6,705.57	6,704.97	188.74	1.66	-89.77	-1,705.26	-6,885.41	3,580.75	3,402.82	177.94	20.124		
13,000.00	6,840.00	6,704.53	6,703.93	191.37	1.66	-89.75	-1,705.25	-6,885.42	3,603.62	3,424.95	178.67	20.169		
13,100.00	6,840.00	6,703.49	6,702.89	194.01	1.66	-89.74	-1,705.25	-6,885.43	3,629.10	3,449.82	179.28	20.243		
13,200.00	6,840.00	6,702.45	6,701.85	196.65	1.66	-89.72	-1,705.25	-6,885.44	3,657.13	3,477.38	179.75	20.345		
13,300.00	6,840.00	6,701.41	6,700.81	199.29	1.66	-89.70	-1,705.25	-6,885.45	3,687.66	3,507.56	180.11	20.475		
13,400.00	6,840.00	6,700.37	6,699.77	201.93	1.66	-89.68	-1,705.25	-6,885.46	3,720.63	3,540.29	180.34	20.631		
13,500.00	6,840.00	6,699.33	6,698.72	204.58	1.66	-89.67	-1,705.24	-6,885.48	3,755.98	3,575.51	180.47	20.812		
13,600.00	6,840.00	6,698.28	6,697.68	207.22	1.66	-89.65	-1,705.24	-6,885.49	3,793.63	3,613.14	180.49	21.018		
13,700.00	6,840.00	6,697.24	6,696.63	209.87	1.66	-89.63	-1,705.24	-6,885.50	3,833.52	3,653.11	180.41	21.249		
13,800.00	6,840.00	6,696.19	6,695.59	212.52	1.66	-89.62	-1,705.24	-6,885.51	3,875.58	3,695.34	180.24	21.502		
13,900.00	6,840.00	6,695.15	6,694.54	215.18	1.66	-89.60	-1,705.24	-6,885.52	3,919.74	3,739.76	179.98	21.779		
14,000.00	6,840.00	6,694.10	6,693.50	217.83	1.66	-89.58	-1,705.24	-6,885.53	3,965.93	3,786.29	179.64	22.077		
14,100.00	6,840.00	6,693.05	6,692.45	220.49	1.66	-89.56	-1,705.23	-6,885.54	4,014.08	3,834.86	179.23	22.397		
14,200.00	6,840.00	6,692.01	6,691.40	223.15	1.66	-89.55	-1,705.23	-6,885.55	4,064.13	3,885.38	178.75	22.737		
14,300.00	6,840.00	6,690.96	6,690.35	225.81	1.66	-89.53	-1,705.23	-6,885.56	4,115.99	3,937.79	178.20	23.097		
14,400.00	6,840.00	6,689.91	6,689.30	228.47	1.66	-89.51	-1,705.23	-6,885.58	4,169.60	3,992.00	177.60	23.477		
14,500.00	6,840.00	6,688.86	6,688.25	231.13	1.66	-89.50	-1,705.23	-6,885.59	4,224.91	4,047.95	176.95	23.876		
14,600.00	6,840.00	6,687.80	6,687.20	233.79	1.66	-89.48	-1,705.23	-6,885.60	4,281.83	4,105.57	176.26	24.293		
14,700.00	6,840.00	6,686.75	6,686.15	236.46	1.66	-89.46	-1,705.22	-6,885.61	4,340.31	4,164.79	175.52	24.728		
14,800.00	6,840.00	6,685.70	6,685.09	239.12	1.66	-89.44	-1,705.22	-6,885.62	4,400.29	4,225.54	174.75	25.180		
14,900.00	6,840.00	6,684.64	6,684.04	241.79	1.66	-89.43	-1,705.22	-6,885.63	4,461.70	4,287.75	173.95	25.649		
15,000.00	6,840.00	6,683.59	6,682.99	244.46	1.66	-89.41	-1,705.22	-6,885.64	4,524.49	4,351.37	173.12	26.135		
15,100.00	6,840.00	6,682.53	6,681.93	247.13	1.66	-89.39	-1,705.22	-6,885.65	4,588.59	4,416.33	172.27	26.636		
15,200.00	6,840.00	6,681.48	6,680.87	249.80	1.66	-89.38	-1,705.22	-6,885.67	4,653.97	4,482.57	171.40	27.153		
15,300.00	6,840.00	6,680.42	6,679.82	252.47	1.66	-89.36	-1,705.21	-6,885.68	4,720.55	4,550.04	170.51	27.685		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,679.36	6,678.76	255.15	1.66	-89.34	-1,705.21	-6,885.69	4,788.30	4,618.69	169.61	28.231		
15,500.00	6,840.00	6,678.30	6,677.70	257.82	1.66	-89.32	-1,705.21	-6,885.70	4,857.17	4,688.46	168.70	28.791		
15,600.00	6,840.00	6,677.25	6,676.64	260.50	1.66	-89.31	-1,705.21	-6,885.71	4,927.10	4,759.31	167.78	29.366		
15,700.00	6,840.00	6,676.19	6,675.58	263.17	1.66	-89.29	-1,705.21	-6,885.72	4,998.05	4,831.18	166.86	29.953		
15,800.00	6,840.00	6,675.12	6,674.52	265.85	1.66	-89.27	-1,705.21	-6,885.73	5,069.98	4,904.04	165.94	30.554		
15,900.00	6,840.00	6,674.06	6,673.46	268.53	1.66	-89.25	-1,705.20	-6,885.75	5,142.85	4,977.84	165.01	31.167		
16,000.00	6,840.00	6,673.00	6,672.40	271.20	1.66	-89.24	-1,705.20	-6,885.76	5,216.62	5,052.53	164.09	31.792		
16,100.00	6,840.00	6,671.94	6,671.33	273.88	1.66	-89.22	-1,705.20	-6,885.77	5,291.25	5,128.08	163.16	32.429		
16,200.00	6,840.00	6,670.87	6,670.27	276.56	1.66	-89.20	-1,705.20	-6,885.78	5,366.70	5,204.46	162.24	33.078		
16,300.00	6,840.00	6,669.81	6,669.20	279.25	1.66	-89.18	-1,705.20	-6,885.79	5,442.95	5,281.62	161.33	33.738		
16,400.00	6,840.00	6,668.74	6,668.14	281.93	1.66	-89.17	-1,705.20	-6,885.80	5,519.95	5,359.53	160.42	34.409		
16,500.00	6,840.00	6,667.68	6,667.07	284.61	1.66	-89.15	-1,705.19	-6,885.81	5,597.68	5,438.17	159.52	35.091		
16,600.00	6,840.00	6,666.61	6,666.01	287.29	1.66	-89.13	-1,705.19	-6,885.82	5,676.11	5,517.49	158.62	35.783		
16,700.00	6,840.00	6,665.54	6,664.94	289.98	1.66	-89.11	-1,705.19	-6,885.84	5,755.21	5,597.47	157.74	36.486		
16,800.00	6,840.00	6,664.47	6,663.87	292.66	1.66	-89.10	-1,705.19	-6,885.85	5,834.95	5,678.08	156.86	37.198		
16,900.00	6,840.00	6,663.40	6,662.80	295.35	1.66	-89.08	-1,705.19	-6,885.86	5,915.30	5,759.30	156.00	37.919		
17,000.00	6,840.00	6,662.33	6,661.73	298.03	1.66	-89.06	-1,705.19	-6,885.87	5,996.25	5,841.10	155.14	38.650		
17,100.00	6,840.00	6,661.26	6,660.66	300.72	1.66	-89.04	-1,705.18	-6,885.88	6,077.76	5,923.46	154.30	39.390		
17,200.00	6,840.00	6,660.19	6,659.58	303.41	1.66	-89.03	-1,705.18	-6,885.89	6,159.82	6,006.35	153.46	40.139		
17,300.00	6,840.00	6,659.11	6,658.51	306.09	1.66	-89.01	-1,705.18	-6,885.91	6,242.40	6,089.75	152.64	40.896		
17,400.00	6,840.00	6,658.04	6,657.44	308.78	1.66	-88.99	-1,705.18	-6,885.92	6,325.48	6,173.65	151.83	41.661		
17,500.00	6,840.00	6,656.97	6,656.36	311.47	1.66	-88.97	-1,705.18	-6,885.93	6,409.04	6,258.01	151.03	42.435		
17,600.00	6,840.00	6,655.89	6,655.29	314.16	1.66	-88.96	-1,705.18	-6,885.94	6,493.07	6,342.83	150.24	43.217		
17,700.00	6,840.00	6,654.81	6,654.21	316.85	1.66	-88.94	-1,705.18	-6,885.95	6,577.55	6,428.08	149.47	44.006		
17,800.00	6,840.00	6,653.74	6,653.14	319.54	1.66	-88.92	-1,705.17	-6,885.96	6,662.46	6,513.75	148.71	44.803		
17,900.00	6,840.00	6,652.66	6,652.06	322.23	1.66	-88.90	-1,705.17	-6,885.97	6,747.78	6,599.82	147.96	45.606		
18,000.00	6,840.00	6,651.58	6,650.98	324.92	1.66	-88.89	-1,705.17	-6,885.99	6,833.49	6,686.28	147.22	46.417		
18,100.00	6,840.00	6,650.50	6,649.90	327.62	1.66	-88.87	-1,705.17	-6,886.00	6,919.59	6,773.10	146.49	47.235		
18,200.00	6,840.00	6,649.42	6,648.82	330.31	1.66	-88.85	-1,705.17	-6,886.01	7,006.06	6,860.29	145.78	48.060		
18,300.00	6,840.00	6,648.34	6,647.74	333.00	1.66	-88.83	-1,705.17	-6,886.02	7,092.89	6,947.81	145.08	48.891		
18,400.00	6,840.00	6,647.26	6,646.66	335.70	1.66	-88.81	-1,705.17	-6,886.03	7,180.06	7,035.67	144.39	49.728		
18,500.00	6,840.00	6,646.18	6,645.57	338.39	1.66	-88.80	-1,705.16	-6,886.04	7,267.56	7,123.85	143.71	50.572		
18,600.00	6,840.00	6,645.09	6,644.49	341.08	1.66	-88.78	-1,705.16	-6,886.06	7,355.37	7,212.33	143.04	51.422		
18,700.00	6,840.00	6,644.01	6,643.41	343.78	1.66	-88.76	-1,705.16	-6,886.07	7,443.50	7,301.11	142.39	52.277		
18,800.00	6,840.00	6,642.92	6,642.32	346.47	1.66	-88.74	-1,705.16	-6,886.08	7,531.92	7,390.18	141.74	53.138		
18,900.00	6,840.00	6,641.84	6,641.24	349.17	1.66	-88.73	-1,705.16	-6,886.09	7,620.63	7,479.51	141.11	54.005		
19,000.00	6,840.00	6,640.75	6,640.15	351.86	1.66	-88.71	-1,705.16	-6,886.10	7,709.61	7,569.12	140.49	54.877		
19,100.00	6,840.00	6,639.66	6,639.06	354.56	1.66	-88.69	-1,705.16	-6,886.12	7,798.86	7,658.98	139.88	55.754		
19,200.00	6,840.00	6,638.57	6,637.97	357.26	1.66	-88.67	-1,705.15	-6,886.13	7,888.37	7,749.08	139.28	56.636		
19,300.00	6,840.00	6,637.49	6,636.88	359.95	1.66	-88.65	-1,705.15	-6,886.14	7,978.12	7,839.43	138.69	57.524		
19,400.00	6,840.00	6,636.40	6,635.79	362.65	1.66	-88.64	-1,705.15	-6,886.15	8,068.12	7,930.00	138.12	58.416		
19,500.00	6,840.00	6,635.30	6,634.70	365.35	1.66	-88.62	-1,705.15	-6,886.16	8,158.35	8,020.80	137.55	59.313		
19,600.00	6,840.00	6,634.21	6,633.61	368.05	1.66	-88.60	-1,705.15	-6,886.17	8,248.81	8,111.81	136.99	60.214		
19,700.00	6,840.00	6,633.12	6,632.52	370.74	1.66	-88.58	-1,705.15	-6,886.19	8,339.48	8,203.03	136.44	61.120		
19,800.00	6,840.00	6,632.03	6,631.43	373.44	1.66	-88.57	-1,705.15	-6,886.20	8,430.36	8,294.46	135.91	62.030		
19,900.00	6,840.00	6,630.93	6,630.33	376.14	1.66	-88.55	-1,705.14	-6,886.21	8,521.45	8,386.07	135.38	62.944		
20,000.00	6,840.00	6,629.84	6,629.24	378.84	1.66	-88.53	-1,705.14	-6,886.22	8,612.74	8,477.87	134.86	63.863		
20,100.00	6,840.00	6,628.74	6,628.14	381.54	1.66	-88.51	-1,705.14	-6,886.23	8,704.21	8,569.86	134.36	64.785		
20,200.00	6,840.00	6,627.65	6,627.04	384.24	1.66	-88.49	-1,705.14	-6,886.25	8,795.88	8,662.02	133.86	65.711		
20,300.00	6,840.00	6,626.55	6,625.95	386.94	1.66	-88.48	-1,705.14	-6,886.26	8,887.72	8,754.35	133.37	66.641		
20,400.00	6,840.00	6,625.45	6,624.85	389.64	1.66	-88.46	-1,705.14	-6,886.27	8,979.74	8,846.85	132.89	67.575		
20,500.00	6,840.00	6,624.35	6,623.75	392.34	1.66	-88.44	-1,705.14	-6,886.28	9,071.92	8,939.51	132.41	68.512		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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					
20,600.00	6,840.00	6,623.25	6,622.65	395.04	1.66	-88.42	-1,705.13	-6,886.29	9,164.27	9,032.32	131.95	69.452					
20,609.76	6,840.00	6,623.14	6,622.54	395.31	1.66	-88.42	-1,705.13	-6,886.29	9,173.29	9,041.38	131.91	69.544					

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-106.72	-1,656.61	-5,514.91	5,759.18					
100.00	100.00	1.90	1.90	0.13	0.00	-106.72	-1,656.61	-5,514.91	5,758.35	5,758.21	0.14	N/A		
200.00	200.00	96.71	96.71	0.49	0.10	-106.72	-1,656.78	-5,514.91	5,758.40	5,757.80	0.59	9,689.545		
300.00	300.00	184.24	184.24	0.85	0.20	-106.72	-1,657.06	-5,515.00	5,758.59	5,757.54	1.05	5,480.023		
400.00	400.00	294.79	294.78	1.21	0.30	-106.73	-1,657.29	-5,515.22	5,758.85	5,757.34	1.51	3,817.889		
500.00	499.98	395.10	395.10	1.57	0.33	-57.49	-1,657.27	-5,515.35	5,758.03	5,756.13	1.89	3,039.310		
600.00	599.84	481.02	481.02	1.93	0.38	-57.57	-1,657.15	-5,515.60	5,755.45	5,753.15	2.30	2,502.506		
700.00	699.45	606.17	606.17	2.29	0.40	-57.74	-1,657.16	-5,515.86	5,750.99	5,748.31	2.69	2,141.130		
800.00	798.70	745.51	745.51	2.67	0.45	-58.00	-1,657.08	-5,515.19	5,743.98	5,740.87	3.11	1,848.494		
900.00	897.47	852.69	852.68	3.07	0.50	-58.31	-1,657.70	-5,513.99	5,734.75	5,731.21	3.54	1,620.321		
1,000.00	995.62	939.71	939.69	3.50	0.54	-58.65	-1,658.55	-5,512.93	5,723.76	5,719.77	3.99	1,436.274		
1,100.00	1,093.06	1,017.02	1,016.99	3.97	0.57	-59.03	-1,659.58	-5,512.16	5,711.33	5,706.88	4.45	1,283.469		
1,200.00	1,189.64	1,094.30	1,094.26	4.47	0.61	-59.45	-1,660.66	-5,511.64	5,697.54	5,692.59	4.94	1,152.396		
1,300.00	1,285.27	1,172.92	1,172.87	5.01	0.64	-59.93	-1,661.76	-5,511.37	5,682.40	5,676.92	5.47	1,038.345		
1,400.00	1,379.82	1,260.98	1,260.92	5.61	0.68	-60.49	-1,663.00	-5,511.29	5,665.88	5,659.84	6.04	937.502		
1,500.00	1,473.17	1,351.59	1,351.52	6.25	0.71	-61.11	-1,664.06	-5,511.30	5,647.88	5,641.22	6.66	848.148		
1,600.00	1,565.21	1,440.02	1,439.95	6.96	0.75	-61.78	-1,664.82	-5,511.47	5,628.46	5,621.14	7.32	768.923		
1,700.00	1,656.01	1,542.13	1,542.06	7.72	0.77	-62.37	-1,665.11	-5,511.87	5,607.85	5,599.83	8.02	698.954		
1,800.00	1,746.60	1,639.79	1,639.72	8.50	0.77	-62.75	-1,664.97	-5,512.02	5,586.90	5,578.16	8.74	639.101		
1,900.00	1,837.19	1,716.16	1,716.08	9.30	0.78	-63.05	-1,665.05	-5,512.26	5,566.42	5,556.94	9.48	587.165		
2,000.00	1,927.79	1,815.84	1,815.76	10.12	0.82	-63.45	-1,665.22	-5,512.48	5,546.12	5,535.87	10.25	541.024		
2,100.00	2,018.38	1,881.90	1,881.82	10.93	0.84	-63.72	-1,665.41	-5,512.75	5,526.27	5,515.24	11.03	501.176		
2,200.00	2,108.97	1,959.81	1,959.73	11.76	0.87	-64.03	-1,665.81	-5,513.30	5,507.00	5,495.18	11.82	466.042		
2,300.00	2,199.56	2,034.13	2,034.05	12.59	0.89	-64.34	-1,666.32	-5,513.93	5,488.17	5,475.55	12.61	435.053		
2,400.00	2,290.15	2,101.41	2,101.32	13.43	0.91	-64.61	-1,666.67	-5,514.84	5,469.96	5,456.54	13.42	407.609		
2,500.00	2,380.75	2,186.81	2,186.71	14.26	0.94	-64.95	-1,666.96	-5,516.30	5,452.24	5,438.01	14.24	382.948		
2,600.00	2,471.34	2,270.32	2,270.21	15.11	0.97	-65.29	-1,667.16	-5,517.87	5,434.90	5,419.84	15.06	360.840		
2,700.00	2,561.93	2,383.61	2,383.47	15.95	1.00	-65.75	-1,667.10	-5,520.07	5,417.78	5,401.88	15.90	340.795		
2,800.00	2,652.52	2,532.76	2,532.59	16.80	1.03	-66.35	-1,665.60	-5,522.18	5,400.07	5,383.34	16.74	322.640		
2,900.00	2,743.12	2,631.17	2,631.00	17.64	1.04	-66.75	-1,664.25	-5,523.07	5,382.08	5,364.51	17.57	306.292		
3,000.00	2,833.71	2,712.56	2,712.37	18.49	1.06	-67.08	-1,663.24	-5,523.85	5,364.44	5,346.03	18.41	291.389		
3,100.00	2,924.30	2,801.72	2,801.52	19.35	1.08	-67.44	-1,662.18	-5,524.77	5,347.14	5,327.88	19.25	277.713		
3,200.00	3,014.89	2,889.96	2,889.76	20.20	1.10	-67.81	-1,661.11	-5,525.74	5,330.14	5,310.04	20.10	265.143		
3,300.00	3,105.48	2,978.28	2,978.06	21.05	1.12	-68.17	-1,659.97	-5,526.80	5,313.46	5,292.50	20.96	253.556		
3,400.00	3,196.08	3,092.51	3,092.27	21.91	1.14	-68.64	-1,658.18	-5,528.14	5,296.91	5,275.10	21.81	242.843		
3,500.00	3,286.67	3,307.26	3,306.96	22.76	1.17	-69.54	-1,653.64	-5,527.29	5,278.83	5,256.18	22.65	233.058		
3,600.00	3,377.26	3,378.51	3,378.20	23.62	1.18	-69.85	-1,652.49	-5,526.26	5,260.64	5,237.13	23.51	223.799		
3,700.00	3,467.85	3,448.64	3,448.31	24.47	1.18	-70.15	-1,651.66	-5,525.34	5,243.02	5,218.66	24.37	215.171		
3,800.00	3,558.45	3,522.57	3,522.23	25.33	1.19	-70.48	-1,650.97	-5,524.62	5,226.06	5,200.83	25.23	207.127		
3,900.00	3,649.04	3,633.95	3,633.60	26.19	1.20	-70.97	-1,649.95	-5,523.59	5,209.48	5,183.38	26.10	199.632		
4,000.00	3,739.63	3,758.18	3,757.80	27.05	1.22	-71.52	-1,648.28	-5,521.49	5,192.28	5,165.32	26.96	192.583		
4,100.00	3,830.22	3,835.86	3,835.47	27.90	1.23	-71.87	-1,647.40	-5,520.08	5,175.46	5,147.62	27.84	185.907		
4,200.00	3,920.81	3,912.25	3,911.85	28.76	1.24	-72.21	-1,646.72	-5,518.84	5,159.20	5,130.48	28.72	179.639		
4,300.00	4,011.41	4,002.05	4,001.63	29.62	1.25	-72.62	-1,646.13	-5,517.41	5,143.36	5,113.76	29.60	173.742		
4,400.00	4,102.00	4,071.28	4,070.85	30.48	1.26	-72.95	-1,645.94	-5,516.31	5,128.03	5,097.54	30.49	168.172		
4,500.00	4,192.59	4,142.11	4,141.67	31.34	1.27	-73.28	-1,646.09	-5,515.31	5,113.37	5,081.99	31.39	162.919		
4,600.00	4,283.18	4,222.07	4,221.63	32.20	1.28	-73.65	-1,646.39	-5,514.44	5,099.36	5,067.08	32.28	157.965		
4,700.00	4,373.78	4,322.59	4,322.14	33.06	1.30	-74.12	-1,646.61	-5,513.26	5,085.53	5,052.35	33.18	153.277		
4,800.00	4,464.37	4,394.28	4,393.83	33.92	1.31	-74.46	-1,646.68	-5,512.60	5,072.19	5,038.11	34.08	148.832		
4,900.00	4,554.96	4,472.88	4,472.43	34.78	1.32	-74.83	-1,646.71	-5,512.19	5,059.45	5,024.47	34.98	144.627		
5,000.00	4,645.55	4,591.08	4,590.63	35.64	1.34	-75.38	-1,646.55	-5,511.62	5,047.01	5,011.12	35.89	140.639		
5,100.00	4,736.14	4,717.35	4,716.88	36.51	1.36	-75.98	-1,645.94	-5,510.19	5,034.21	4,997.41	36.79	136.831		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,787.96	4,787.49	37.37	1.37	-76.31	-1,645.30	-5,509.54	5,021.66	4,983.96	37.70	133.197		
5,300.00	4,917.33	4,867.24	4,866.76	38.23	1.38	-76.68	-1,644.15	-5,509.31	5,009.66	4,971.05	38.61	129.748		
5,400.00	5,007.92	4,951.73	4,951.24	39.09	1.40	-77.06	-1,642.40	-5,509.62	4,998.16	4,958.63	39.52	126.469		
5,500.00	5,098.51	5,036.25	5,035.74	39.95	1.41	-77.45	-1,640.79	-5,509.95	4,987.05	4,946.62	40.43	123.342		
5,600.00	5,189.11	5,115.27	5,114.74	40.81	1.43	-77.81	-1,639.31	-5,510.41	4,976.43	4,935.08	41.35	120.361		
5,700.00	5,279.70	5,186.89	5,186.35	41.68	1.44	-78.14	-1,637.97	-5,511.13	4,966.43	4,924.17	42.26	117.521		
5,800.00	5,370.29	5,264.96	5,264.40	42.54	1.46	-78.50	-1,636.56	-5,512.21	4,957.05	4,913.88	43.17	114.817		
5,900.00	5,460.88	5,347.94	5,347.36	43.40	1.47	-78.88	-1,635.28	-5,513.44	4,948.20	4,904.11	44.09	112.237		
6,000.00	5,551.47	5,469.32	5,468.72	44.26	1.49	-79.45	-1,633.76	-5,514.86	4,939.64	4,894.64	45.00	109.769		
6,100.00	5,642.07	5,663.53	5,662.88	45.13	1.53	-80.37	-1,630.06	-5,513.53	4,929.32	4,883.41	45.91	107.374		
6,200.00	5,732.66	5,750.67	5,749.99	45.99	1.55	-80.78	-1,627.86	-5,512.66	4,919.10	4,872.28	46.83	105.044		
6,300.00	5,823.25	5,836.64	5,835.93	46.85	1.57	-81.19	-1,625.90	-5,511.66	4,909.25	4,861.50	47.75	102.810		
6,400.00	5,913.84	5,914.08	5,913.35	47.72	1.58	-81.57	-1,624.54	-5,510.64	4,899.92	4,851.25	48.67	100.667		
6,500.00	6,004.44	5,985.63	5,984.89	48.58	1.60	-81.92	-1,623.50	-5,509.83	4,891.25	4,841.65	49.60	98.616		
6,600.00	6,095.03	6,064.39	6,063.64	49.44	1.61	-82.30	-1,622.50	-5,509.16	4,883.23	4,832.71	50.52	96.655		
6,700.00	6,185.62	6,139.86	6,139.11	50.30	1.63	-82.67	-1,621.63	-5,508.68	4,875.78	4,824.33	51.45	94.776		
6,800.00	6,276.21	6,213.17	6,212.42	51.17	1.65	-83.03	-1,620.89	-5,508.49	4,869.02	4,816.65	52.37	92.980		
6,900.00	6,366.80	6,295.84	6,295.08	52.03	1.67	-83.43	-1,620.14	-5,508.47	4,862.83	4,809.55	53.29	91.259		
7,000.00	6,457.40	6,382.95	6,382.19	52.89	1.68	-83.86	-1,619.37	-5,508.57	4,857.12	4,802.91	54.20	89.608		
7,100.00	6,545.60	6,468.61	6,467.84	53.85	1.70	-74.91	-1,618.62	-5,508.74	4,846.75	4,791.54	55.21	87.787		
7,200.00	6,626.13	6,541.19	6,540.42	55.05	1.72	-70.18	-1,618.09	-5,508.89	4,824.24	4,767.81	56.43	85.484		
7,300.00	6,696.49	6,601.50	6,600.73	56.46	1.73	-69.12	-1,617.75	-5,509.09	4,790.53	4,732.68	57.85	82.806		
7,400.00	6,754.56	6,656.68	6,655.90	58.05	1.74	-70.77	-1,617.50	-5,509.32	4,746.82	4,687.39	59.43	79.875		
7,500.00	6,798.57	6,698.67	6,697.89	59.78	1.75	-74.62	-1,617.33	-5,509.51	4,694.59	4,633.47	61.12	76.812		
7,600.00	6,827.18	6,724.70	6,723.93	61.58	1.76	-80.40	-1,617.23	-5,509.65	4,635.57	4,572.70	62.87	73.738		
7,700.00	6,839.51	6,736.23	6,735.45	63.39	1.76	-87.88	-1,617.19	-5,509.71	4,571.60	4,506.99	64.61	70.756		
7,800.00	6,840.00	6,737.19	6,736.41	65.19	1.76	-89.91	-1,617.19	-5,509.72	4,505.54	4,439.20	66.34	67.919		
7,900.00	6,840.00	6,737.71	6,736.93	67.04	1.76	-89.91	-1,617.19	-5,509.72	4,440.63	4,372.51	68.12	65.186		
8,000.00	6,840.00	6,738.24	6,737.46	68.95	1.76	-89.92	-1,617.19	-5,509.73	4,377.05	4,307.08	69.97	62.554		
8,100.00	6,840.00	6,738.77	6,737.99	70.91	1.76	-89.93	-1,617.18	-5,509.73	4,314.84	4,242.96	71.88	60.026		
8,200.00	6,840.00	6,739.30	6,738.52	72.91	1.76	-89.94	-1,617.18	-5,509.73	4,254.08	4,180.23	73.86	57.600		
8,300.00	6,840.00	6,739.83	6,739.06	74.96	1.76	-89.95	-1,617.18	-5,509.74	4,194.82	4,118.93	75.89	55.278		
8,400.00	6,840.00	6,740.37	6,739.59	77.05	1.76	-89.96	-1,617.18	-5,509.74	4,137.13	4,059.16	77.97	53.057		
8,500.00	6,840.00	6,740.91	6,740.13	79.18	1.76	-89.97	-1,617.18	-5,509.74	4,081.08	4,000.96	80.12	50.938		
8,600.00	6,840.00	6,741.45	6,740.67	81.34	1.76	-89.98	-1,617.17	-5,509.74	4,026.72	3,944.41	82.31	48.920		
8,700.00	6,840.00	6,741.99	6,741.22	83.54	1.76	-89.99	-1,617.17	-5,509.75	3,974.14	3,889.59	84.56	47.000		
8,800.00	6,840.00	6,742.54	6,741.76	85.76	1.76	-90.00	-1,617.17	-5,509.75	3,923.41	3,836.56	86.84	45.177		
8,900.00	6,840.00	6,743.09	6,742.31	88.02	1.76	-90.01	-1,617.17	-5,509.75	3,874.59	3,785.42	89.17	43.450		
9,000.00	6,840.00	6,743.64	6,742.86	90.30	1.76	-90.01	-1,617.17	-5,509.76	3,827.76	3,736.23	91.54	41.816		
9,100.00	6,840.00	6,744.19	6,743.42	92.60	1.76	-90.02	-1,617.17	-5,509.76	3,783.00	3,689.07	93.94	40.272		
9,200.00	6,840.00	6,744.75	6,743.97	94.93	1.76	-90.03	-1,617.16	-5,509.76	3,740.38	3,644.02	96.36	38.818		
9,300.00	6,840.00	6,745.31	6,744.53	97.28	1.76	-90.04	-1,617.16	-5,509.77	3,699.97	3,601.17	98.80	37.450		
9,400.00	6,840.00	6,745.87	6,745.09	99.65	1.76	-90.05	-1,617.16	-5,509.77	3,661.84	3,560.59	101.25	36.166		
9,500.00	6,840.00	6,746.43	6,745.66	102.03	1.76	-90.06	-1,617.16	-5,509.77	3,626.07	3,522.36	103.71	34.964		
9,600.00	6,840.00	6,747.00	6,746.22	104.43	1.76	-90.07	-1,617.16	-5,509.78	3,592.73	3,486.57	106.16	33.842		
9,700.00	6,840.00	6,747.57	6,746.79	106.85	1.76	-90.08	-1,617.15	-5,509.78	3,561.88	3,453.27	108.61	32.796		
9,800.00	6,840.00	6,748.14	6,747.37	109.29	1.76	-90.09	-1,617.15	-5,509.78	3,533.60	3,422.56	111.03	31.824		
9,900.00	6,840.00	6,748.71	6,747.94	111.73	1.76	-90.10	-1,617.15	-5,509.79	3,507.94	3,394.51	113.43	30.925		
10,000.00	6,840.00	6,749.29	6,748.52	114.19	1.76	-90.11	-1,617.15	-5,509.79	3,484.96	3,369.16	115.80	30.095		
10,100.00	6,840.00	6,749.87	6,749.10	116.66	1.76	-90.12	-1,617.15	-5,509.80	3,464.72	3,346.60	118.12	29.333		
10,200.00	6,840.00	6,750.45	6,749.68	119.15	1.76	-90.13	-1,617.14	-5,509.80	3,447.26	3,326.87	120.38	28.636		
10,300.00	6,840.00	6,751.04	6,750.26	121.64	1.76	-90.14	-1,617.14	-5,509.80	3,432.62	3,310.03	122.59	28.001		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,751.63	6,750.85	124.14	1.76	-90.15	-1,617.14	-5,509.81	3,420.85	3,296.12	124.72	27.427		
10,500.00	6,840.00	6,752.22	6,751.44	126.65	1.76	-90.16	-1,617.14	-5,509.81	3,411.97	3,285.18	126.78	26.912		
10,600.00	6,840.00	6,752.81	6,752.04	129.18	1.76	-90.17	-1,617.14	-5,509.81	3,406.00	3,277.24	128.76	26.453		
10,700.00	6,840.00	6,753.41	6,752.63	131.70	1.76	-90.18	-1,617.14	-5,509.82	3,402.96	3,272.32	130.64	26.048		
10,753.46	6,840.00	6,753.73	6,752.95	133.06	1.76	-90.18	-1,617.13	-5,509.82	3,402.54	3,270.93	131.61	25.854 CC		
10,800.00	6,840.00	6,754.01	6,753.23	134.24	1.76	-90.19	-1,617.13	-5,509.82	3,402.86	3,270.43	132.43	25.696 ES		
10,900.00	6,840.00	6,754.61	6,753.84	136.79	1.76	-90.20	-1,617.13	-5,509.82	3,405.69	3,271.58	134.11	25.395		
11,000.00	6,840.00	6,755.22	6,754.44	139.34	1.76	-90.21	-1,617.13	-5,509.83	3,411.46	3,275.77	135.69	25.142		
11,100.00	6,840.00	6,755.82	6,755.05	141.90	1.76	-90.22	-1,617.13	-5,509.83	3,420.14	3,282.99	137.15	24.937		
11,200.00	6,840.00	6,756.43	6,755.66	144.46	1.76	-90.23	-1,617.13	-5,509.84	3,431.71	3,293.20	138.51	24.776		
11,300.00	6,840.00	6,757.05	6,756.27	147.03	1.76	-90.24	-1,617.12	-5,509.84	3,446.15	3,306.40	139.75	24.659		
11,400.00	6,840.00	6,757.67	6,756.89	149.60	1.76	-90.25	-1,617.12	-5,509.84	3,463.42	3,322.54	140.88	24.584		
11,500.00	6,840.00	6,758.29	6,757.51	152.18	1.76	-90.26	-1,617.12	-5,509.85	3,483.47	3,341.58	141.89	24.550 SF		
11,600.00	6,840.00	6,758.91	6,758.13	154.77	1.76	-90.27	-1,617.12	-5,509.85	3,506.26	3,363.47	142.79	24.555		
11,700.00	6,840.00	6,759.53	6,758.76	157.36	1.76	-90.28	-1,617.12	-5,509.86	3,531.74	3,388.15	143.59	24.597		
11,800.00	6,840.00	6,760.16	6,759.39	159.95	1.76	-90.29	-1,617.11	-5,509.86	3,559.84	3,415.57	144.27	24.675		
11,900.00	6,840.00	6,760.79	6,760.02	162.55	1.76	-90.30	-1,617.11	-5,509.86	3,590.51	3,445.67	144.85	24.788		
12,000.00	6,840.00	6,761.43	6,760.65	165.16	1.76	-90.31	-1,617.11	-5,509.87	3,623.68	3,478.36	145.32	24.935		
12,100.00	6,840.00	6,762.07	6,761.29	167.76	1.76	-90.32	-1,617.11	-5,509.87	3,659.29	3,513.58	145.70	25.115		
12,200.00	6,840.00	6,762.71	6,761.93	170.37	1.76	-90.34	-1,617.11	-5,509.88	3,697.25	3,551.26	145.99	25.325		
12,300.00	6,840.00	6,763.35	6,762.58	172.99	1.76	-90.35	-1,617.10	-5,509.88	3,737.51	3,591.32	146.19	25.566		
12,400.00	6,840.00	6,764.00	6,763.23	175.60	1.76	-90.36	-1,617.10	-5,509.88	3,779.98	3,633.67	146.31	25.836		
12,500.00	6,840.00	6,764.65	6,763.88	178.23	1.76	-90.37	-1,617.10	-5,509.89	3,824.60	3,678.25	146.35	26.133		
12,600.00	6,840.00	6,765.31	6,764.53	180.85	1.76	-90.38	-1,617.10	-5,509.89	3,871.28	3,724.97	146.32	26.458		
12,700.00	6,840.00	6,765.96	6,765.19	183.47	1.76	-90.39	-1,617.10	-5,509.90	3,919.97	3,773.75	146.22	26.809		
12,800.00	6,840.00	6,766.62	6,765.85	186.10	1.76	-90.40	-1,617.09	-5,509.90	3,970.57	3,824.51	146.06	27.185		
12,900.00	6,840.00	6,767.29	6,766.51	188.74	1.76	-90.41	-1,617.09	-5,509.91	4,023.02	3,877.18	145.84	27.585		
13,000.00	6,840.00	6,767.95	6,767.18	191.37	1.76	-90.42	-1,617.09	-5,509.91	4,077.26	3,931.68	145.57	28.008		
13,100.00	6,840.00	6,768.63	6,767.85	194.01	1.76	-90.44	-1,617.09	-5,509.92	4,133.19	3,987.94	145.26	28.454		
13,200.00	6,840.00	6,769.30	6,768.52	196.65	1.76	-90.45	-1,617.09	-5,509.92	4,190.77	4,045.87	144.90	28.922		
13,300.00	6,840.00	6,769.98	6,769.20	199.29	1.76	-90.46	-1,617.08	-5,509.92	4,249.93	4,105.42	144.51	29.410		
13,400.00	6,840.00	6,770.66	6,769.88	201.93	1.76	-90.47	-1,617.08	-5,509.93	4,310.59	4,166.51	144.07	29.919		
13,500.00	6,840.00	6,771.34	6,770.57	204.58	1.77	-90.48	-1,617.08	-5,509.93	4,372.69	4,229.08	143.61	30.448		
13,600.00	6,840.00	6,772.03	6,771.25	207.22	1.77	-90.49	-1,617.08	-5,509.94	4,436.18	4,293.06	143.13	30.995		
13,700.00	6,840.00	6,772.72	6,771.95	209.87	1.77	-90.50	-1,617.07	-5,509.94	4,501.00	4,358.39	142.61	31.561		
13,800.00	6,840.00	6,773.42	6,772.64	212.52	1.77	-90.52	-1,617.07	-5,509.95	4,567.09	4,425.01	142.08	32.144		
13,900.00	6,840.00	6,774.11	6,773.34	215.18	1.77	-90.53	-1,617.07	-5,509.95	4,634.39	4,492.86	141.53	32.744		
14,000.00	6,840.00	6,774.82	6,774.04	217.83	1.77	-90.54	-1,617.07	-5,509.96	4,702.86	4,561.89	140.97	33.361		
14,100.00	6,840.00	6,775.52	6,774.75	220.49	1.77	-90.55	-1,617.07	-5,509.96	4,772.44	4,632.04	140.39	33.994		
14,200.00	6,840.00	6,776.23	6,775.45	223.15	1.77	-90.56	-1,617.06	-5,509.97	4,843.08	4,703.27	139.81	34.642		
14,300.00	6,840.00	6,776.94	6,776.17	225.81	1.77	-90.58	-1,617.06	-5,509.97	4,914.74	4,775.53	139.21	35.304		
14,400.00	6,840.00	6,777.66	6,776.88	228.47	1.77	-90.59	-1,617.06	-5,509.98	4,987.38	4,848.77	138.61	35.982		
14,500.00	6,840.00	6,778.38	6,777.60	231.13	1.77	-90.60	-1,617.06	-5,509.98	5,060.95	4,922.95	138.00	36.673		
14,600.00	6,840.00	6,779.10	6,778.33	233.79	1.77	-90.61	-1,617.06	-5,509.99	5,135.42	4,998.02	137.39	37.377		
14,700.00	6,840.00	6,779.83	6,779.06	236.46	1.77	-90.62	-1,617.05	-5,509.99	5,210.74	5,073.95	136.78	38.095		
14,800.00	6,840.00	6,780.56	6,779.79	239.12	1.77	-90.64	-1,617.05	-5,510.00	5,286.88	5,150.70	136.17	38.825		
14,900.00	6,840.00	6,781.30	6,780.52	241.79	1.77	-90.65	-1,617.05	-5,510.00	5,363.80	5,228.24	135.56	39.567		
15,000.00	6,840.00	6,782.04	6,781.26	244.46	1.77	-90.66	-1,617.05	-5,510.01	5,441.47	5,306.52	134.95	40.321		
15,100.00	6,840.00	6,782.78	6,782.01	247.13	1.77	-90.67	-1,617.05	-5,510.01	5,519.86	5,385.51	134.35	41.086		
15,200.00	6,840.00	6,783.53	6,782.75	249.80	1.77	-90.69	-1,617.04	-5,510.02	5,598.94	5,465.20	133.75	41.862		
15,300.00	6,840.00	6,784.28	6,783.51	252.47	1.77	-90.70	-1,617.04	-5,510.02	5,678.68	5,545.53	133.15	42.649		
15,400.00	6,840.00	6,785.04	6,784.26	255.15	1.77	-90.71	-1,617.04	-5,510.03	5,759.05	5,626.50	132.56	43.446		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,785.80	6,785.02	257.82	1.77	-90.72	-1,617.04	-5,510.03	5,840.03	5,708.06	131.97	44.253		
15,600.00	6,840.00	6,786.56	6,785.78	260.50	1.77	-90.74	-1,617.03	-5,510.04	5,921.59	5,790.20	131.39	45.070		
15,700.00	6,840.00	6,787.33	6,786.55	263.17	1.77	-90.75	-1,617.03	-5,510.04	6,003.71	5,872.90	130.81	45.896		
15,800.00	6,840.00	6,788.10	6,787.32	265.85	1.77	-90.76	-1,617.03	-5,510.05	6,086.36	5,956.12	130.24	46.731		
15,900.00	6,840.00	6,788.87	6,788.10	268.53	1.77	-90.78	-1,617.03	-5,510.05	6,169.52	6,039.84	129.68	47.575		
16,000.00	6,840.00	6,789.65	6,788.88	271.20	1.77	-90.79	-1,617.03	-5,510.06	6,253.18	6,124.06	129.12	48.427		
16,100.00	6,840.00	6,790.44	6,789.66	273.88	1.77	-90.80	-1,617.02	-5,510.07	6,337.31	6,208.74	128.58	49.288		
16,200.00	6,840.00	6,791.23	6,790.45	276.56	1.77	-90.82	-1,617.02	-5,510.07	6,421.90	6,293.86	128.04	50.156		
16,300.00	6,840.00	6,792.02	6,791.24	279.25	1.77	-90.83	-1,617.02	-5,510.08	6,506.92	6,379.42	127.51	51.033		
16,400.00	6,840.00	6,792.82	6,792.04	281.93	1.77	-90.84	-1,617.02	-5,510.08	6,592.37	6,465.39	126.98	51.916		
16,500.00	6,840.00	6,793.62	6,792.84	284.61	1.77	-90.86	-1,617.01	-5,510.09	6,678.21	6,551.75	126.46	52.807		
16,600.00	6,840.00	6,794.43	6,793.65	287.29	1.77	-90.87	-1,617.01	-5,510.09	6,764.45	6,638.50	125.96	53.705		
16,700.00	6,840.00	6,795.24	6,794.46	289.98	1.77	-90.88	-1,617.01	-5,510.10	6,851.06	6,725.61	125.46	54.609		
16,800.00	6,840.00	6,796.05	6,795.27	292.66	1.77	-90.90	-1,617.01	-5,510.11	6,938.03	6,813.07	124.96	55.520		
16,900.00	6,840.00	6,796.87	6,796.09	295.35	1.77	-90.91	-1,617.01	-5,510.11	7,025.35	6,900.87	124.48	56.437		
17,000.00	6,840.00	6,797.69	6,796.92	298.03	1.77	-90.92	-1,617.00	-5,510.12	7,113.00	6,989.00	124.00	57.361		
17,100.00	6,840.00	6,798.52	6,797.75	300.72	1.77	-90.94	-1,617.00	-5,510.12	7,200.98	7,077.44	123.54	58.290		
17,200.00	6,840.00	6,799.36	6,798.58	303.41	1.77	-90.95	-1,617.00	-5,510.13	7,289.26	7,166.18	123.08	59.225		
17,300.00	6,840.00	6,800.22	6,799.45	306.09	1.77	-90.97	-1,617.00	-5,510.14	7,377.84	7,255.22	122.62	60.166		
17,400.00	6,840.00	6,801.19	6,800.41	308.78	1.77	-90.98	-1,616.99	-5,510.14	7,466.71	7,344.53	122.18	61.112		
17,500.00	6,840.00	6,802.16	6,801.38	311.47	1.77	-91.00	-1,616.99	-5,510.15	7,555.86	7,434.12	121.74	62.063		
17,600.00	6,840.00	6,803.13	6,802.36	314.16	1.77	-91.02	-1,616.99	-5,510.16	7,645.28	7,523.96	121.32	63.019		
17,700.00	6,840.00	6,804.12	6,803.34	316.85	1.77	-91.03	-1,616.99	-5,510.17	7,734.95	7,614.06	120.90	63.980		
17,800.00	6,840.00	6,805.11	6,804.34	319.54	1.77	-91.05	-1,616.98	-5,510.17	7,824.88	7,704.40	120.48	64.946		
17,900.00	6,840.00	6,806.12	6,805.34	322.23	1.77	-91.07	-1,616.98	-5,510.18	7,915.05	7,794.97	120.08	65.916		
18,000.00	6,840.00	6,807.13	6,806.35	324.92	1.77	-91.08	-1,616.98	-5,510.19	8,005.45	7,885.77	119.68	66.891		
18,100.00	6,840.00	6,808.14	6,807.37	327.62	1.77	-91.10	-1,616.98	-5,510.20	8,096.08	7,976.79	119.29	67.870		
18,200.00	6,840.00	6,809.17	6,808.39	330.31	1.77	-91.12	-1,616.97	-5,510.20	8,186.92	8,068.02	118.90	68.853		
18,300.00	6,840.00	6,810.20	6,809.43	333.00	1.77	-91.14	-1,616.97	-5,510.21	8,277.98	8,159.45	118.53	69.840		
18,400.00	6,840.00	6,811.25	6,810.47	335.70	1.77	-91.15	-1,616.97	-5,510.22	8,369.24	8,251.08	118.16	70.831		
18,500.00	6,840.00	6,812.30	6,811.52	338.39	1.77	-91.17	-1,616.96	-5,510.23	8,460.70	8,342.90	117.80	71.825		
18,600.00	6,840.00	6,813.36	6,812.58	341.08	1.77	-91.19	-1,616.96	-5,510.24	8,552.34	8,434.91	117.44	72.823		
18,700.00	6,840.00	6,814.43	6,813.65	343.78	1.77	-91.21	-1,616.96	-5,510.24	8,644.18	8,527.09	117.09	73.825		
18,800.00	6,840.00	6,815.51	6,814.73	346.47	1.77	-91.22	-1,616.95	-5,510.25	8,736.19	8,619.44	116.75	74.830		
18,900.00	6,840.00	6,816.59	6,815.82	349.17	1.77	-91.24	-1,616.95	-5,510.26	8,828.38	8,711.97	116.41	75.838		
19,000.00	6,840.00	6,817.69	6,816.91	351.86	1.77	-91.26	-1,616.95	-5,510.27	8,920.73	8,804.65	116.08	76.849		
19,100.00	6,840.00	6,818.79	6,818.02	354.56	1.77	-91.28	-1,616.95	-5,510.28	9,013.25	8,897.49	115.76	77.863		
19,200.00	6,840.00	6,819.91	6,819.13	357.26	1.77	-91.30	-1,616.94	-5,510.29	9,105.93	8,990.49	115.44	78.881		
19,300.00	6,840.00	6,821.03	6,820.26	359.95	1.77	-91.32	-1,616.94	-5,510.30	9,198.76	9,083.63	115.13	79.901		
19,400.00	6,840.00	6,822.17	6,821.39	362.65	1.77	-91.34	-1,616.94	-5,510.31	9,291.74	9,176.91	114.82	80.923		
19,500.00	6,840.00	6,823.31	6,822.53	365.35	1.77	-91.36	-1,616.93	-5,510.32	9,384.86	9,270.34	114.52	81.949		
19,600.00	6,840.00	6,824.46	6,823.68	368.05	1.77	-91.38	-1,616.93	-5,510.32	9,478.12	9,363.89	114.23	82.976		
19,700.00	6,840.00	6,825.62	6,824.85	370.74	1.77	-91.39	-1,616.93	-5,510.33	9,571.52	9,457.58	113.94	84.006		
19,800.00	6,840.00	6,826.80	6,826.02	373.44	1.77	-91.41	-1,616.92	-5,510.34	9,665.05	9,551.39	113.65	85.039		
19,900.00	6,840.00	6,827.98	6,827.20	376.14	1.77	-91.43	-1,616.92	-5,510.35	9,758.71	9,645.33	113.38	86.073		
20,000.00	6,840.00	6,829.17	6,828.40	378.84	1.77	-91.45	-1,616.92	-5,510.36	9,852.49	9,739.39	113.10	87.110		
20,100.00	6,840.00	6,830.38	6,829.60	381.54	1.77	-91.47	-1,616.91	-5,510.37	9,946.39	9,833.56	112.84	88.149		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-93.81	-372.06	-5,583.54	5,596.58					
100.00	100.00	14.00	14.00	0.13	0.11	-93.81	-372.06	-5,583.54	5,595.92	5,595.68	0.24	N/A		
200.00	200.00	114.00	114.00	0.49	1.03	-93.81	-372.06	-5,583.54	5,595.92	5,594.40	1.52	3,675.135		
300.00	300.00	214.00	214.00	0.85	2.78	-93.81	-372.06	-5,583.54	5,595.92	5,592.30	3.63	1,543.088		
400.00	400.00	314.00	314.00	1.21	4.52	-93.81	-372.06	-5,583.54	5,595.92	5,590.19	5.73	976.559		
500.00	499.98	413.98	413.98	1.57	6.27	-44.58	-372.06	-5,583.54	5,594.68	5,586.85	7.83	714.418		
600.00	599.84	513.84	513.84	1.93	8.01	-44.67	-372.06	-5,583.54	5,590.95	5,581.02	9.93	562.973		
700.00	699.45	613.45	613.45	2.29	9.75	-44.82	-372.06	-5,583.54	5,584.75	5,572.72	12.03	464.154		
800.00	798.70	712.70	712.70	2.67	11.48	-45.03	-372.06	-5,583.54	5,576.09	5,561.95	14.13	394.502		
900.00	897.47	811.47	811.47	3.07	13.20	-45.30	-372.06	-5,583.54	5,564.99	5,548.75	16.24	342.684		
1,000.00	995.62	909.62	909.62	3.50	14.92	-45.64	-372.06	-5,583.54	5,551.48	5,533.13	18.35	302.559		
1,100.00	1,093.06	1,007.06	1,007.06	3.97	16.62	-46.03	-372.06	-5,583.54	5,535.60	5,515.14	20.46	270.515		
1,200.00	1,189.64	1,103.64	1,103.64	4.47	18.30	-46.49	-372.06	-5,583.54	5,517.39	5,494.80	22.59	244.288		
1,300.00	1,285.27	1,200.73	1,199.27	5.01	20.00	-47.01	-372.06	-5,583.54	5,496.88	5,472.14	24.74	222.159		
1,400.00	1,379.82	1,306.18	1,293.82	5.61	21.84	-47.60	-372.06	-5,583.54	5,474.14	5,447.07	27.08	202.172		
1,500.00	1,473.17	1,387.17	1,387.17	6.25	23.25	-48.25	-372.06	-5,583.54	5,449.23	5,420.21	29.02	187.790		
1,600.00	1,565.21	1,479.21	1,479.21	6.96	24.86	-48.97	-372.06	-5,583.54	5,422.21	5,391.02	31.19	173.843		
1,700.00	1,656.01	1,570.01	1,570.01	7.72	26.44	-49.52	-372.06	-5,583.54	5,393.39	5,360.01	33.38	161.579		
1,800.00	1,746.60	1,660.60	1,660.60	8.50	28.02	-49.85	-372.06	-5,583.54	5,364.44	5,328.85	35.58	150.754		
1,900.00	1,837.19	1,751.19	1,751.19	9.30	29.60	-50.18	-372.06	-5,583.54	5,335.67	5,297.86	37.81	141.134		
2,000.00	1,927.79	1,841.79	1,841.79	10.12	31.19	-50.51	-372.06	-5,583.54	5,307.08	5,267.04	40.04	132.537		
2,100.00	2,018.38	1,932.38	1,932.38	10.93	32.77	-50.84	-372.06	-5,583.54	5,278.68	5,236.39	42.29	124.817		
2,200.00	2,108.97	2,022.97	2,022.97	11.76	34.35	-51.18	-372.06	-5,583.54	5,250.47	5,205.92	44.55	117.851		
2,300.00	2,199.56	2,113.56	2,113.56	12.59	35.93	-51.52	-372.06	-5,583.54	5,222.45	5,175.63	46.82	111.538		
2,400.00	2,290.15	2,204.15	2,204.15	13.43	37.51	-51.87	-372.06	-5,583.54	5,194.62	5,145.52	49.10	105.792		
2,500.00	2,380.75	2,305.25	2,294.75	14.26	39.27	-52.22	-372.06	-5,583.54	5,166.99	5,115.41	51.57	100.185		
2,600.00	2,471.34	2,385.34	2,385.34	15.11	40.67	-52.57	-372.06	-5,583.54	5,139.56	5,085.87	53.69	95.730		
2,700.00	2,561.93	2,475.93	2,475.93	15.95	42.25	-52.92	-372.06	-5,583.54	5,112.33	5,056.34	55.99	91.304		
2,800.00	2,652.52	2,566.52	2,566.52	16.80	43.83	-53.28	-372.06	-5,583.54	5,085.31	5,027.00	58.30	87.219		
2,900.00	2,743.12	2,657.12	2,657.12	17.64	45.42	-53.64	-372.06	-5,583.54	5,058.50	4,997.88	60.62	83.440		
3,000.00	2,833.71	2,747.71	2,747.71	18.49	47.00	-54.01	-372.06	-5,583.54	5,031.90	4,968.95	62.95	79.934		
3,100.00	2,924.30	2,838.30	2,838.30	19.35	48.58	-54.37	-372.06	-5,583.54	5,005.52	4,940.24	65.28	76.674		
3,200.00	3,014.89	2,928.89	2,928.89	20.20	50.16	-54.75	-372.06	-5,583.54	4,979.36	4,911.74	67.62	73.634		
3,300.00	3,105.48	3,019.48	3,019.48	21.05	51.74	-55.12	-372.06	-5,583.54	4,953.43	4,883.46	69.97	70.794		
3,400.00	3,196.08	3,110.08	3,110.08	21.91	53.32	-55.50	-372.06	-5,583.54	4,927.72	4,855.40	72.32	68.136		
3,500.00	3,286.67	3,200.67	3,200.67	22.76	54.90	-55.88	-372.06	-5,583.54	4,902.24	4,827.56	74.68	65.643		
3,600.00	3,377.26	3,308.74	3,291.26	23.62	56.79	-56.27	-372.06	-5,583.54	4,877.00	4,799.65	77.35	63.050		
3,700.00	3,467.85	3,381.85	3,381.85	24.47	58.06	-56.66	-372.06	-5,583.54	4,851.99	4,772.58	79.42	61.095		
3,800.00	3,558.45	3,472.45	3,472.45	25.33	59.65	-57.05	-372.06	-5,583.54	4,827.23	4,745.44	81.79	59.017		
3,900.00	3,649.04	3,563.04	3,563.04	26.19	61.23	-57.44	-372.06	-5,583.54	4,802.71	4,718.54	84.18	57.054		
4,000.00	3,739.63	3,653.63	3,653.63	27.05	62.81	-57.84	-372.06	-5,583.54	4,778.45	4,691.88	86.57	55.199		
4,100.00	3,830.22	3,744.22	3,744.22	27.90	64.39	-58.25	-372.06	-5,583.54	4,754.43	4,665.47	88.96	53.443		
4,200.00	3,920.81	3,834.81	3,834.81	28.76	65.97	-58.65	-372.06	-5,583.54	4,730.67	4,639.31	91.36	51.779		
4,300.00	4,011.41	3,925.41	3,925.41	29.62	67.55	-59.06	-372.06	-5,583.54	4,707.18	4,613.41	93.77	50.199		
4,400.00	4,102.00	4,016.00	4,016.00	30.48	69.13	-59.48	-372.06	-5,583.54	4,683.95	4,587.76	96.18	48.699		
4,500.00	4,192.59	4,106.59	4,106.59	31.34	70.71	-59.89	-372.06	-5,583.54	4,660.98	4,562.38	98.60	47.272		
4,600.00	4,283.18	4,202.82	4,197.18	32.20	72.39	-60.32	-372.06	-5,583.54	4,638.29	4,537.17	101.12	45.868		
4,700.00	4,373.78	4,287.78	4,287.78	33.06	73.88	-60.74	-372.06	-5,583.54	4,615.88	4,512.43	103.45	44.618		
4,800.00	4,464.37	4,378.37	4,378.37	33.92	75.46	-61.17	-372.06	-5,583.54	4,593.75	4,487.86	105.89	43.383		
4,900.00	4,554.96	4,468.96	4,468.96	34.78	77.04	-61.60	-372.06	-5,583.54	4,571.90	4,463.58	108.33	42.205		
5,000.00	4,645.55	4,559.55	4,559.55	35.64	78.62	-62.03	-372.06	-5,583.54	4,550.35	4,439.57	110.77	41.078		
5,100.00	4,736.14	4,650.14	4,650.14	36.51	80.20	-62.47	-372.06	-5,583.54	4,529.08	4,415.86	113.22	40.001		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,740.74	4,740.74	37.37	81.78	-62.91	-372.06	-5,583.54	4,508.12	4,392.44	115.68	38.971		
5,300.00	4,917.33	4,831.33	4,831.33	38.23	83.36	-63.36	-372.06	-5,583.54	4,487.45	4,369.31	118.14	37.984		
5,400.00	5,007.92	4,921.92	4,921.92	39.09	84.94	-63.81	-372.06	-5,583.54	4,467.09	4,346.49	120.60	37.039		
5,500.00	5,098.51	5,012.51	5,012.51	39.95	86.52	-64.26	-372.06	-5,583.54	4,447.04	4,323.97	123.08	36.133		
5,600.00	5,189.11	5,103.11	5,103.11	40.81	88.11	-64.72	-372.06	-5,583.54	4,427.31	4,301.76	125.55	35.263		
5,700.00	5,279.70	5,206.30	5,193.70	41.68	89.91	-65.18	-372.06	-5,583.54	4,407.89	4,279.64	128.25	34.369		
5,800.00	5,370.29	5,284.29	5,284.29	42.54	91.27	-65.64	-372.06	-5,583.54	4,388.80	4,258.28	130.51	33.627		
5,900.00	5,460.88	5,374.88	5,374.88	43.40	92.85	-66.11	-372.06	-5,583.54	4,370.03	4,237.03	133.00	32.857		
6,000.00	5,551.47	5,465.47	5,465.47	44.26	94.43	-66.58	-372.06	-5,583.54	4,351.60	4,216.10	135.50	32.116		
6,100.00	5,642.07	5,556.07	5,556.07	45.13	96.01	-67.05	-372.06	-5,583.54	4,333.49	4,195.50	137.99	31.404		
6,200.00	5,732.66	5,646.66	5,646.66	45.99	97.59	-67.53	-372.06	-5,583.54	4,315.73	4,175.24	140.49	30.718		
6,300.00	5,823.25	5,737.25	5,737.25	46.85	99.17	-68.00	-372.06	-5,583.54	4,298.32	4,155.32	143.00	30.058		
6,400.00	5,913.84	5,827.84	5,827.84	47.72	100.76	-68.49	-372.06	-5,583.54	4,281.25	4,135.74	145.51	29.423		
6,500.00	6,004.44	5,918.44	5,918.44	48.58	102.34	-68.97	-372.06	-5,583.54	4,264.53	4,116.51	148.02	28.811		
6,600.00	6,095.03	6,009.03	6,009.03	49.44	103.92	-69.46	-372.06	-5,583.54	4,248.17	4,097.63	150.54	28.220		
6,700.00	6,185.62	6,100.38	6,099.62	50.30	105.51	-69.96	-372.06	-5,583.54	4,232.17	4,079.10	153.07	27.649		
6,800.00	6,276.21	6,209.79	6,190.21	51.17	107.42	-70.45	-372.06	-5,583.54	4,216.53	4,060.62	155.92	27.044		
6,900.00	6,366.80	6,280.80	6,280.80	52.03	108.66	-70.95	-372.06	-5,583.54	4,201.27	4,043.17	158.10	26.574		
7,000.00	6,457.40	6,371.40	6,371.40	52.89	110.24	-71.45	-372.06	-5,583.54	4,186.37	4,025.75	160.63	26.063		
7,100.00	6,545.60	6,459.60	6,459.60	53.85	111.78	-62.85	-372.06	-5,583.54	4,166.05	4,002.87	163.19	25.529		
7,200.00	6,626.13	6,540.13	6,540.13	55.05	113.19	-58.54	-372.06	-5,583.54	4,131.78	3,965.99	165.79	24.922		
7,300.00	6,696.49	6,610.49	6,610.49	56.46	114.41	-58.09	-372.06	-5,583.54	4,084.67	3,916.31	168.35	24.262		
7,400.00	6,754.56	6,668.56	6,668.56	58.05	115.43	-60.69	-372.06	-5,583.54	4,026.31	3,855.49	170.82	23.571		
7,500.00	6,798.57	6,712.57	6,712.57	59.78	116.20	-66.23	-372.06	-5,583.54	3,958.60	3,785.49	173.11	22.868		
7,600.00	6,827.18	6,741.18	6,741.18	61.58	116.70	-74.91	-372.06	-5,583.54	3,883.66	3,708.51	175.15	22.173		
7,700.00	6,839.51	6,753.51	6,753.51	63.39	116.91	-86.73	-372.06	-5,583.54	3,803.77	3,626.89	176.88	21.505		
7,800.00	6,840.00	6,754.00	6,754.00	65.19	116.92	-90.00	-372.06	-5,583.54	3,721.94	3,543.56	178.38	20.865		
7,900.00	6,840.00	6,754.00	6,754.00	67.04	116.92	-90.00	-372.06	-5,583.54	3,640.92	3,460.99	179.94	20.234		
8,000.00	6,840.00	6,754.00	6,754.00	68.95	116.92	-90.00	-372.06	-5,583.54	3,560.87	3,379.30	181.57	19.611		
8,100.00	6,840.00	6,754.00	6,754.00	70.91	116.92	-90.00	-372.06	-5,583.54	3,481.85	3,298.56	183.29	18.996		
8,200.00	6,840.00	6,754.00	6,754.00	72.91	116.92	-90.00	-372.06	-5,583.54	3,403.93	3,218.84	185.09	18.390		
8,300.00	6,840.00	6,754.00	6,754.00	74.96	116.92	-90.00	-372.06	-5,583.54	3,327.19	3,140.21	186.98	17.794		
8,400.00	6,840.00	6,754.00	6,754.00	77.05	116.92	-90.00	-372.06	-5,583.54	3,251.72	3,062.76	188.96	17.209		
8,500.00	6,840.00	6,754.00	6,754.00	79.18	116.92	-90.00	-372.06	-5,583.54	3,177.60	2,986.58	191.02	16.635		
8,600.00	6,840.00	6,754.00	6,754.00	81.34	116.92	-90.00	-372.06	-5,583.54	3,104.94	2,911.76	193.18	16.073		
8,700.00	6,840.00	6,754.00	6,754.00	83.54	116.92	-90.00	-372.06	-5,583.54	3,033.83	2,838.41	195.42	15.525		
8,800.00	6,840.00	6,754.00	6,754.00	85.76	116.92	-90.00	-372.06	-5,583.54	2,964.39	2,766.63	197.75	14.990		
8,900.00	6,840.00	6,754.00	6,754.00	88.02	116.92	-90.00	-372.06	-5,583.54	2,896.73	2,696.56	200.17	14.471		
9,000.00	6,840.00	6,754.00	6,754.00	90.30	116.92	-90.00	-372.06	-5,583.54	2,831.00	2,628.32	202.68	13.968		
9,100.00	6,840.00	6,754.00	6,754.00	92.60	116.92	-90.00	-372.06	-5,583.54	2,767.31	2,562.04	205.27	13.481		
9,200.00	6,840.00	6,754.00	6,754.00	94.93	116.92	-90.00	-372.06	-5,583.54	2,705.83	2,497.89	207.93	13.013		
9,300.00	6,840.00	6,754.00	6,754.00	97.28	116.92	-90.00	-372.06	-5,583.54	2,646.69	2,436.02	210.67	12.563		
9,400.00	6,840.00	6,754.00	6,754.00	99.65	116.92	-90.00	-372.06	-5,583.54	2,590.07	2,376.61	213.46	12.134		
9,500.00	6,840.00	6,754.00	6,754.00	102.03	116.92	-90.00	-372.06	-5,583.54	2,536.12	2,319.83	216.30	11.725		
9,600.00	6,840.00	6,754.00	6,754.00	104.43	116.92	-90.00	-372.06	-5,583.54	2,485.03	2,265.87	219.17	11.338		
9,700.00	6,840.00	6,754.00	6,754.00	106.85	116.92	-90.00	-372.06	-5,583.54	2,436.98	2,214.92	222.06	10.974		
9,800.00	6,840.00	6,754.00	6,754.00	109.29	116.92	-90.00	-372.06	-5,583.54	2,392.14	2,167.20	224.95	10.634		
9,900.00	6,840.00	6,754.00	6,754.00	111.73	116.92	-90.00	-372.06	-5,583.54	2,350.71	2,122.89	227.81	10.319		
10,000.00	6,840.00	6,754.00	6,754.00	114.19	116.92	-90.00	-372.06	-5,583.54	2,312.85	2,082.22	230.63	10.028		
10,100.00	6,840.00	6,754.00	6,754.00	116.66	116.92	-90.00	-372.06	-5,583.54	2,278.76	2,045.39	233.38	9.764		
10,200.00	6,840.00	6,754.00	6,754.00	119.15	116.92	-90.00	-372.06	-5,583.54	2,248.61	2,012.58	236.03	9.527		
10,300.00	6,840.00	6,754.00	6,754.00	121.64	116.92	-90.00	-372.06	-5,583.54	2,222.55	1,984.00	238.55	9.317		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	124.14	116.92	-90.00	-372.06	-5,583.54	2,200.73	1,959.80	240.92	9.135		
10,500.00	6,840.00	6,754.00	6,754.00	126.65	116.92	-90.00	-372.06	-5,583.54	2,183.27	1,940.16	243.11	8.980		
10,600.00	6,840.00	6,754.00	6,754.00	129.18	116.92	-90.00	-372.06	-5,583.54	2,170.29	1,925.19	245.10	8.855		
10,700.00	6,840.00	6,754.00	6,754.00	131.70	116.92	-90.00	-372.06	-5,583.54	2,161.85	1,914.99	246.86	8.757		
10,800.00	6,840.00	6,754.00	6,754.00	134.24	116.92	-90.00	-372.06	-5,583.54	2,158.03	1,909.65	248.38	8.688		
10,832.63	6,840.00	6,754.00	6,754.00	135.07	116.92	-90.00	-372.06	-5,583.54	2,157.78	1,908.96	248.82	8.672	CC, ES	
10,900.00	6,840.00	6,754.00	6,754.00	136.79	116.92	-90.00	-372.06	-5,583.54	2,158.83	1,909.19	249.64	8.648		
11,000.00	6,840.00	6,754.00	6,754.00	139.34	116.92	-90.00	-372.06	-5,583.54	2,164.26	1,913.63	250.64	8.635	SF	
11,100.00	6,840.00	6,754.00	6,754.00	141.90	116.92	-90.00	-372.06	-5,583.54	2,174.28	1,922.92	251.37	8.650		
11,200.00	6,840.00	6,754.00	6,754.00	144.46	116.92	-90.00	-372.06	-5,583.54	2,188.83	1,937.00	251.83	8.692		
11,300.00	6,840.00	6,754.00	6,754.00	147.03	116.92	-90.00	-372.06	-5,583.54	2,207.82	1,955.78	252.04	8.760		
11,400.00	6,840.00	6,754.00	6,754.00	149.60	116.92	-90.00	-372.06	-5,583.54	2,231.13	1,979.12	252.01	8.854		
11,500.00	6,840.00	6,754.00	6,754.00	152.18	116.92	-90.00	-372.06	-5,583.54	2,258.63	2,006.89	251.74	8.972		
11,600.00	6,840.00	6,754.00	6,754.00	154.77	116.92	-90.00	-372.06	-5,583.54	2,290.17	2,038.91	251.26	9.115		
11,700.00	6,840.00	6,754.00	6,754.00	157.36	116.92	-90.00	-372.06	-5,583.54	2,325.59	2,075.00	250.59	9.281		
11,800.00	6,840.00	6,754.00	6,754.00	159.95	116.92	-90.00	-372.06	-5,583.54	2,364.71	2,114.96	249.75	9.468		
11,900.00	6,840.00	6,754.00	6,754.00	162.55	116.92	-90.00	-372.06	-5,583.54	2,407.35	2,158.59	248.76	9.678		
12,000.00	6,840.00	6,754.00	6,754.00	165.16	116.92	-90.00	-372.06	-5,583.54	2,453.32	2,205.68	247.64	9.907		
12,100.00	6,840.00	6,754.00	6,754.00	167.76	116.92	-90.00	-372.06	-5,583.54	2,502.45	2,256.04	246.41	10.156		
12,200.00	6,840.00	6,754.00	6,754.00	170.37	116.92	-90.00	-372.06	-5,583.54	2,554.55	2,309.45	245.10	10.422		
12,300.00	6,840.00	6,754.00	6,754.00	172.99	116.92	-90.00	-372.06	-5,583.54	2,609.45	2,365.73	243.72	10.707		
12,400.00	6,840.00	6,754.00	6,754.00	175.60	116.92	-90.00	-372.06	-5,583.54	2,666.96	2,424.68	242.28	11.008		
12,500.00	6,840.00	6,754.00	6,754.00	178.23	116.92	-90.00	-372.06	-5,583.54	2,726.93	2,486.12	240.81	11.324		
12,600.00	6,840.00	6,754.00	6,754.00	180.85	116.92	-90.00	-372.06	-5,583.54	2,789.20	2,549.89	239.31	11.655		
12,700.00	6,840.00	6,754.00	6,754.00	183.47	116.92	-90.00	-372.06	-5,583.54	2,853.61	2,615.81	237.80	12.000		
12,800.00	6,840.00	6,754.00	6,754.00	186.10	116.92	-90.00	-372.06	-5,583.54	2,920.03	2,683.74	236.29	12.358		
12,900.00	6,840.00	6,754.00	6,754.00	188.74	116.92	-90.00	-372.06	-5,583.54	2,988.32	2,753.54	234.78	12.728		
13,000.00	6,840.00	6,754.00	6,754.00	191.37	116.92	-90.00	-372.06	-5,583.54	3,058.35	2,825.08	233.28	13.110		
13,100.00	6,840.00	6,754.00	6,754.00	194.01	116.92	-90.00	-372.06	-5,583.54	3,130.02	2,898.22	231.80	13.503		
13,200.00	6,840.00	6,754.00	6,754.00	196.65	116.92	-90.00	-372.06	-5,583.54	3,203.20	2,972.86	230.34	13.907		
13,300.00	6,840.00	6,754.00	6,754.00	199.29	116.92	-90.00	-372.06	-5,583.54	3,277.80	3,048.89	228.90	14.320		
13,400.00	6,840.00	6,754.00	6,754.00	201.93	116.92	-90.00	-372.06	-5,583.54	3,353.72	3,126.22	227.50	14.742		
13,500.00	6,840.00	6,754.00	6,754.00	204.58	116.92	-90.00	-372.06	-5,583.54	3,430.88	3,204.75	226.13	15.172		
13,600.00	6,840.00	6,754.00	6,754.00	207.22	116.92	-90.00	-372.06	-5,583.54	3,509.19	3,284.40	224.79	15.611		
13,700.00	6,840.00	6,754.00	6,754.00	209.87	116.92	-90.00	-372.06	-5,583.54	3,588.57	3,365.09	223.48	16.058		
13,800.00	6,840.00	6,754.00	6,754.00	212.52	116.92	-90.00	-372.06	-5,583.54	3,668.97	3,446.76	222.21	16.511		
13,900.00	6,840.00	6,754.00	6,754.00	215.18	116.92	-90.00	-372.06	-5,583.54	3,750.31	3,529.33	220.98	16.971		
14,000.00	6,840.00	6,754.00	6,754.00	217.83	116.92	-90.00	-372.06	-5,583.54	3,832.53	3,612.75	219.78	17.438		
14,100.00	6,840.00	6,754.00	6,754.00	220.49	116.92	-90.00	-372.06	-5,583.54	3,915.58	3,696.96	218.62	17.911		
14,200.00	6,840.00	6,754.00	6,754.00	223.15	116.92	-90.00	-372.06	-5,583.54	3,999.40	3,781.92	217.49	18.389		
14,300.00	6,840.00	6,754.00	6,754.00	225.81	116.92	-90.00	-372.06	-5,583.54	4,083.96	3,867.56	216.39	18.873		
14,400.00	6,840.00	6,754.00	6,754.00	228.47	116.92	-90.00	-372.06	-5,583.54	4,169.19	3,953.86	215.34	19.361		
14,500.00	6,840.00	6,754.00	6,754.00	231.13	116.92	-90.00	-372.06	-5,583.54	4,255.07	4,040.76	214.31	19.855		
14,600.00	6,840.00	6,754.00	6,754.00	233.79	116.92	-90.00	-372.06	-5,583.54	4,341.56	4,128.24	213.32	20.352		
14,700.00	6,840.00	6,754.00	6,754.00	236.46	116.92	-90.00	-372.06	-5,583.54	4,428.61	4,216.25	212.36	20.854		
14,800.00	6,840.00	6,754.00	6,754.00	239.12	116.92	-90.00	-372.06	-5,583.54	4,516.20	4,304.77	211.43	21.360		
14,900.00	6,840.00	6,754.00	6,754.00	241.79	116.92	-90.00	-372.06	-5,583.54	4,604.30	4,393.76	210.53	21.870		
15,000.00	6,840.00	6,754.00	6,754.00	244.46	116.92	-90.00	-372.06	-5,583.54	4,692.87	4,483.21	209.66	22.383		
15,100.00	6,840.00	6,754.00	6,754.00	247.13	116.92	-90.00	-372.06	-5,583.54	4,781.89	4,573.07	208.82	22.899		
15,200.00	6,840.00	6,754.00	6,754.00	249.80	116.92	-90.00	-372.06	-5,583.54	4,871.34	4,663.33	208.01	23.419		
15,300.00	6,840.00	6,754.00	6,754.00	252.47	116.92	-90.00	-372.06	-5,583.54	4,961.19	4,753.97	207.23	23.941		
15,400.00	6,840.00	6,754.00	6,754.00	255.15	116.92	-90.00	-372.06	-5,583.54	5,051.43	4,844.96	206.47	24.466		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-76.32	2,325.01	-9,552.80	9,832.61					
100.00	100.00	0.00	0.00	0.13	0.00	-76.32	2,325.01	-9,552.80	9,831.74	9,831.60	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-76.32	2,325.01	-9,552.80	9,831.67	9,831.22	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-76.32	2,325.01	-9,552.80	9,831.67	9,830.67	1.00	9,875.576		
300.00	300.00	164.00	164.00	0.85	1.90	-76.32	2,325.01	-9,552.80	9,831.67	9,828.92	2.75	3,570.245		
400.00	400.00	264.00	264.00	1.21	3.65	-76.32	2,325.01	-9,552.80	9,831.67	9,826.81	4.86	2,023.985		
500.00	499.98	363.98	363.98	1.57	5.39	-27.08	2,325.01	-9,552.80	9,830.12	9,823.16	6.96	1,412.647		
600.00	599.84	463.84	463.84	1.93	7.14	-27.13	2,325.01	-9,552.80	9,825.46	9,816.40	9.06	1,084.579		
700.00	699.45	563.45	563.45	2.29	8.87	-27.23	2,325.01	-9,552.80	9,817.70	9,806.54	11.16	879.793		
800.00	798.70	662.70	662.70	2.67	10.61	-27.36	2,325.01	-9,552.80	9,806.85	9,793.59	13.26	739.755		
900.00	897.47	761.47	761.47	3.07	12.33	-27.53	2,325.01	-9,552.80	9,792.93	9,777.58	15.35	637.897		
1,000.00	995.62	859.62	859.62	3.50	14.04	-27.74	2,325.01	-9,552.80	9,775.96	9,758.52	17.44	560.431		
1,100.00	1,093.06	957.06	957.06	3.97	15.74	-28.00	2,325.01	-9,552.80	9,755.96	9,736.43	19.53	499.489		
1,200.00	1,189.64	1,053.64	1,053.64	4.47	17.43	-28.29	2,325.01	-9,552.80	9,732.97	9,711.35	21.62	450.259		
1,300.00	1,285.27	1,149.27	1,149.27	5.01	19.10	-28.63	2,325.01	-9,552.80	9,707.01	9,683.32	23.70	409.630		
1,400.00	1,379.82	1,243.82	1,243.82	5.61	20.75	-29.01	2,325.01	-9,552.80	9,678.13	9,652.36	25.77	375.505		
1,500.00	1,473.17	1,337.17	1,337.17	6.25	22.38	-29.44	2,325.01	-9,552.80	9,646.37	9,618.52	27.85	346.416		
1,600.00	1,565.21	1,429.21	1,429.21	6.96	23.98	-29.92	2,325.01	-9,552.80	9,611.77	9,581.85	29.91	321.307		
1,700.00	1,656.01	1,520.01	1,520.01	7.72	25.57	-30.25	2,325.01	-9,552.80	9,574.69	9,542.71	31.98	299.394		
1,800.00	1,746.60	1,610.60	1,610.60	8.50	27.15	-30.37	2,325.01	-9,552.80	9,537.27	9,503.23	34.05	280.118		
1,900.00	1,837.19	1,701.19	1,701.19	9.30	28.73	-30.50	2,325.01	-9,552.80	9,499.90	9,463.77	36.13	262.971		
2,000.00	1,927.79	1,808.21	1,791.79	10.12	30.60	-30.63	2,325.01	-9,552.80	9,462.56	9,424.06	38.50	245.787		
2,100.00	2,018.38	1,882.38	1,882.38	10.93	31.89	-30.76	2,325.01	-9,552.80	9,425.26	9,384.96	40.31	233.836		
2,200.00	2,108.97	1,972.97	1,972.97	11.76	33.47	-30.88	2,325.01	-9,552.80	9,388.01	9,345.60	42.41	221.369		
2,300.00	2,199.56	2,063.56	2,063.56	12.59	35.06	-31.01	2,325.01	-9,552.80	9,350.80	9,306.29	44.52	210.052		
2,400.00	2,290.15	2,154.15	2,154.15	13.43	36.64	-31.15	2,325.01	-9,552.80	9,313.64	9,267.01	46.63	199.735		
2,500.00	2,380.75	2,244.75	2,244.75	14.26	38.22	-31.28	2,325.01	-9,552.80	9,276.52	9,227.77	48.75	190.294		
2,600.00	2,471.34	2,335.34	2,335.34	15.11	39.80	-31.41	2,325.01	-9,552.80	9,239.44	9,188.57	50.87	181.623		
2,700.00	2,561.93	2,425.93	2,425.93	15.95	41.38	-31.54	2,325.01	-9,552.80	9,202.41	9,149.42	53.00	173.635		
2,800.00	2,652.52	2,516.52	2,516.52	16.80	42.96	-31.68	2,325.01	-9,552.80	9,165.43	9,110.30	55.13	166.251		
2,900.00	2,743.12	2,607.12	2,607.12	17.64	44.54	-31.82	2,325.01	-9,552.80	9,128.49	9,071.23	57.27	159.408		
3,000.00	2,833.71	2,702.29	2,697.71	18.49	46.20	-31.95	2,325.01	-9,552.80	9,091.60	9,032.12	59.48	152.842		
3,100.00	2,924.30	2,788.30	2,788.30	19.35	47.71	-32.09	2,325.01	-9,552.80	9,054.76	8,993.22	61.55	147.122		
3,200.00	3,014.89	2,878.89	2,878.89	20.20	49.29	-32.23	2,325.01	-9,552.80	9,017.97	8,954.28	63.69	141.588		
3,300.00	3,105.48	2,969.48	2,969.48	21.05	50.87	-32.37	2,325.01	-9,552.80	8,981.22	8,915.38	65.84	136.409		
3,400.00	3,196.08	3,060.08	3,060.08	21.91	52.45	-32.51	2,325.01	-9,552.80	8,944.53	8,876.54	67.99	131.552		
3,500.00	3,286.67	3,150.67	3,150.67	22.76	54.03	-32.65	2,325.01	-9,552.80	8,907.88	8,837.73	70.15	126.988		
3,600.00	3,377.26	3,241.26	3,241.26	23.62	55.61	-32.80	2,325.01	-9,552.80	8,871.29	8,798.98	72.31	122.691		
3,700.00	3,467.85	3,331.85	3,331.85	24.47	57.19	-32.94	2,325.01	-9,552.80	8,834.74	8,760.28	74.47	118.640		
3,800.00	3,558.45	3,422.45	3,422.45	25.33	58.77	-33.09	2,325.01	-9,552.80	8,798.25	8,721.62	76.63	114.813		
3,900.00	3,649.04	3,513.04	3,513.04	26.19	60.35	-33.24	2,325.01	-9,552.80	8,761.82	8,683.02	78.80	111.193		
4,000.00	3,739.63	3,603.63	3,603.63	27.05	61.94	-33.38	2,325.01	-9,552.80	8,725.43	8,644.46	80.97	107.763		
4,100.00	3,830.22	3,705.78	3,694.22	27.90	63.72	-33.53	2,325.01	-9,552.80	8,689.10	8,605.76	83.34	104.256		
4,200.00	3,920.81	3,784.81	3,784.81	28.76	65.10	-33.68	2,325.01	-9,552.80	8,652.82	8,567.50	85.32	101.419		
4,300.00	4,011.41	3,875.41	3,875.41	29.62	66.68	-33.84	2,325.01	-9,552.80	8,616.60	8,529.10	87.50	98.479		
4,400.00	4,102.00	3,966.00	3,966.00	30.48	68.26	-33.99	2,325.01	-9,552.80	8,580.44	8,490.76	89.68	95.680		
4,500.00	4,192.59	4,056.59	4,056.59	31.34	69.84	-34.14	2,325.01	-9,552.80	8,544.33	8,452.46	91.86	93.011		
4,600.00	4,283.18	4,147.18	4,147.18	32.20	71.42	-34.30	2,325.01	-9,552.80	8,508.28	8,414.23	94.05	90.464		
4,700.00	4,373.78	4,237.78	4,237.78	33.06	73.00	-34.46	2,325.01	-9,552.80	8,472.28	8,376.04	96.24	88.031		
4,800.00	4,464.37	4,328.37	4,328.37	33.92	74.58	-34.61	2,325.01	-9,552.80	8,436.35	8,337.91	98.44	85.704		
4,900.00	4,554.96	4,418.96	4,418.96	34.78	76.17	-34.77	2,325.01	-9,552.80	8,400.48	8,299.84	100.63	83.476		
5,000.00	4,645.55	4,509.55	4,509.55	35.64	77.75	-34.93	2,325.01	-9,552.80	8,364.66	8,261.83	102.83	81.342		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,600.14	4,600.14	36.51	79.33	-35.09	2,325.01	-9,552.80	8,328.91	8,223.88	105.04	79.296		
5,200.00	4,826.74	4,709.26	4,690.74	37.37	81.23	-35.26	2,325.01	-9,552.80	8,293.22	8,185.66	107.57	77.100		
5,300.00	4,917.33	4,781.33	4,781.33	38.23	82.49	-35.42	2,325.01	-9,552.80	8,257.59	8,148.14	109.45	75.446		
5,400.00	5,007.92	4,871.92	4,871.92	39.09	84.07	-35.59	2,325.01	-9,552.80	8,222.03	8,110.37	111.66	73.633		
5,500.00	5,098.51	4,962.51	4,962.51	39.95	85.65	-35.75	2,325.01	-9,552.80	8,186.53	8,072.65	113.88	71.889		
5,600.00	5,189.11	5,053.11	5,053.11	40.81	87.23	-35.92	2,325.01	-9,552.80	8,151.10	8,035.00	116.10	70.210		
5,700.00	5,279.70	5,143.70	5,143.70	41.68	88.81	-36.09	2,325.01	-9,552.80	8,115.73	7,997.41	118.32	68.592		
5,800.00	5,370.29	5,234.29	5,234.29	42.54	90.40	-36.26	2,325.01	-9,552.80	8,080.43	7,959.89	120.54	67.034		
5,900.00	5,460.88	5,324.88	5,324.88	43.40	91.98	-36.44	2,325.01	-9,552.80	8,045.20	7,922.43	122.77	65.530		
6,000.00	5,551.47	5,415.47	5,415.47	44.26	93.56	-36.61	2,325.01	-9,552.80	8,010.04	7,885.03	125.00	64.079		
6,100.00	5,642.07	5,506.07	5,506.07	45.13	95.14	-36.79	2,325.01	-9,552.80	7,974.94	7,847.71	127.24	62.678		
6,200.00	5,732.66	5,603.34	5,596.66	45.99	96.84	-36.96	2,325.01	-9,552.80	7,939.92	7,810.33	129.59	61.269		
6,300.00	5,823.25	5,687.25	5,687.25	46.85	98.30	-37.14	2,325.01	-9,552.80	7,904.97	7,773.25	131.72	60.015		
6,400.00	5,913.84	5,777.84	5,777.84	47.72	99.88	-37.32	2,325.01	-9,552.80	7,870.09	7,736.13	133.96	58.749		
6,500.00	6,004.44	5,868.44	5,868.44	48.58	101.46	-37.50	2,325.01	-9,552.80	7,835.29	7,699.08	136.21	57.524		
6,600.00	6,095.03	5,959.03	5,959.03	49.44	103.04	-37.69	2,325.01	-9,552.80	7,800.55	7,662.09	138.46	56.337		
6,700.00	6,185.62	6,049.62	6,049.62	50.30	104.63	-37.87	2,325.01	-9,552.80	7,765.90	7,625.18	140.72	55.188		
6,800.00	6,276.21	6,140.21	6,140.21	51.17	106.21	-38.06	2,325.01	-9,552.80	7,731.32	7,588.35	142.98	54.074		
6,900.00	6,366.80	6,230.80	6,230.80	52.03	107.79	-38.24	2,325.01	-9,552.80	7,696.82	7,551.58	145.24	52.994		
7,000.00	6,457.40	6,321.40	6,321.40	52.89	109.37	-38.43	2,325.01	-9,552.80	7,662.40	7,514.89	147.50	51.947		
7,100.00	6,548.00	6,409.60	6,409.60	53.85	110.91	-38.61	2,325.01	-9,552.80	7,627.87	7,472.13	149.73	50.903		
7,200.00	6,638.60	6,500.20	6,490.20	54.81	112.45	-38.80	2,325.01	-9,552.80	7,593.34	7,437.60	152.00	49.859		
7,300.00	6,729.20	6,590.80	6,580.80	55.77	113.99	-38.99	2,325.01	-9,552.80	7,558.81	7,402.07	154.27	48.815		
7,400.00	6,819.80	6,681.40	6,671.40	56.73	115.53	-39.18	2,325.01	-9,552.80	7,524.28	7,366.54	156.54	47.771		
7,500.00	6,910.40	6,772.00	6,762.00	57.69	117.07	-39.37	2,325.01	-9,552.80	7,489.79	7,331.01	158.81	46.727		
7,600.00	7,001.00	6,862.60	6,852.60	58.65	118.61	-39.56	2,325.01	-9,552.80	7,455.30	7,295.52	161.08	45.683		
7,700.00	7,091.60	6,953.20	6,943.20	59.61	120.15	-39.75	2,325.01	-9,552.80	7,420.81	7,260.03	163.35	44.639		
7,800.00	7,182.20	7,043.80	7,033.80	60.57	121.69	-39.94	2,325.01	-9,552.80	7,386.32	7,224.54	165.62	43.595		
7,900.00	7,272.80	7,134.40	7,124.40	61.53	123.23	-40.13	2,325.01	-9,552.80	7,351.83	7,189.05	167.89	42.551		
8,000.00	7,363.40	7,225.00	7,215.00	62.49	124.77	-40.32	2,325.01	-9,552.80	7,317.34	7,153.56	170.16	41.507		
8,100.00	7,454.00	7,315.60	7,305.60	63.45	126.31	-40.51	2,325.01	-9,552.80	7,282.85	7,118.07	172.43	40.463		
8,200.00	7,544.60	7,406.20	7,396.20	64.41	127.85	-40.70	2,325.01	-9,552.80	7,248.36	7,082.58	174.70	39.419		
8,300.00	7,635.20	7,496.80	7,486.80	65.37	129.39	-40.89	2,325.01	-9,552.80	7,213.87	7,047.09	176.97	38.375		
8,400.00	7,725.80	7,587.40	7,577.40	66.33	130.93	-41.08	2,325.01	-9,552.80	7,179.38	7,011.60	179.24	37.331		
8,500.00	7,816.40	7,678.00	7,668.00	67.29	132.47	-41.27	2,325.01	-9,552.80	7,144.89	6,976.11	181.51	36.287		
8,600.00	7,907.00	7,768.60	7,758.60	68.25	134.01	-41.46	2,325.01	-9,552.80	7,110.40	6,940.62	183.78	35.243		
8,700.00	7,997.60	7,859.20	7,849.20	69.21	135.55	-41.65	2,325.01	-9,552.80	7,075.91	6,905.13	186.05	34.199		
8,800.00	8,088.20	7,949.80	7,939.80	70.17	137.09	-41.84	2,325.01	-9,552.80	7,041.42	6,869.64	188.32	33.155		
8,900.00	8,178.80	8,040.40	8,030.40	71.13	138.63	-42.03	2,325.01	-9,552.80	7,006.93	6,834.15	190.59	32.111		
9,000.00	8,269.40	8,131.00	8,121.00	72.09	140.17	-42.22	2,325.01	-9,552.80	6,972.44	6,798.66	192.86	31.067		
9,100.00	8,360.00	8,221.60	8,211.60	73.05	141.71	-42.41	2,325.01	-9,552.80	6,937.95	6,763.17	195.13	30.023		
9,200.00	8,450.60	8,312.20	8,302.20	74.01	143.25	-42.60	2,325.01	-9,552.80	6,903.46	6,727.68	197.40	28.979		
9,300.00	8,541.20	8,402.80	8,392.80	74.97	144.79	-42.79	2,325.01	-9,552.80	6,868.97	6,692.19	199.67	27.935		
9,400.00	8,631.80	8,493.40	8,483.40	75.93	146.33	-42.98	2,325.01	-9,552.80	6,834.48	6,656.70	201.94	26.891		
9,500.00	8,722.40	8,584.00	8,574.00	76.89	147.87	-43.17	2,325.01	-9,552.80	6,800.00	6,621.21	204.21	25.847		
9,600.00	8,813.00	8,674.60	8,664.60	77.85	149.41	-43.36	2,325.01	-9,552.80	6,765.51	6,585.72	206.48	24.803		
9,700.00	8,903.60	8,765.20	8,755.20	78.81	150.95	-43.55	2,325.01	-9,552.80	6,731.02	6,550.23	208.75	23.759		
9,800.00	8,994.20	8,855.80	8,845.80	79.77	152.49	-43.74	2,325.01	-9,552.80	6,696.53	6,514.74	211.02	22.715		
9,900.00	9,084.80	8,946.40	8,936.40	80.73	154.03	-43.93	2,325.01	-9,552.80	6,662.04	6,479.25	213.29	21.671		
10,000.00	9,175.40	9,037.00	9,027.00	81.69	155.57	-44.12	2,325.01	-9,552.80	6,627.55	6,443.76	215.56	20.627		
10,100.00	9,266.00	9,127.60	9,117.60	82.65	157.11	-44.31	2,325.01	-9,552.80	6,593.06	6,408.27	217.83	19.583		
10,200.00	9,356.60	9,218.20	9,208.20	83.61	158.65	-44.50	2,325.01	-9,552.80	6,558.57	6,372.78	220.10	18.539		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	116.05	90.00	2,325.01	-9,552.80	4,543.72	4,391.19	152.53	29.789		
10,400.00	6,840.00	6,704.00	6,704.00	124.14	116.05	90.00	2,325.01	-9,552.80	4,444.40	4,292.09	152.31	29.179		
10,500.00	6,840.00	6,704.00	6,704.00	126.65	116.05	90.00	2,325.01	-9,552.80	4,345.11	4,193.01	152.10	28.568		
10,600.00	6,840.00	6,704.00	6,704.00	129.18	116.05	90.00	2,325.01	-9,552.80	4,245.85	4,093.97	151.88	27.955		
10,700.00	6,840.00	6,704.00	6,704.00	131.70	116.05	90.00	2,325.01	-9,552.80	4,146.63	3,994.96	151.67	27.340		
10,800.00	6,840.00	6,704.00	6,704.00	134.24	116.05	90.00	2,325.01	-9,552.80	4,047.44	3,895.99	151.45	26.724		
10,900.00	6,840.00	6,704.00	6,704.00	136.79	116.05	90.00	2,325.01	-9,552.80	3,948.30	3,797.05	151.24	26.105		
11,000.00	6,840.00	6,704.00	6,704.00	139.34	116.05	90.00	2,325.01	-9,552.80	3,849.20	3,698.16	151.04	25.485		
11,100.00	6,840.00	6,704.00	6,704.00	141.90	116.05	90.00	2,325.01	-9,552.80	3,750.14	3,599.30	150.84	24.861		
11,200.00	6,840.00	6,704.00	6,704.00	144.46	116.05	90.00	2,325.01	-9,552.80	3,651.14	3,500.49	150.66	24.235		
11,300.00	6,840.00	6,704.00	6,704.00	147.03	116.05	90.00	2,325.01	-9,552.80	3,552.20	3,401.72	150.48	23.606		
11,400.00	6,840.00	6,704.00	6,704.00	149.60	116.05	90.00	2,325.01	-9,552.80	3,453.32	3,302.99	150.32	22.973		
11,500.00	6,840.00	6,704.00	6,704.00	152.18	116.05	90.00	2,325.01	-9,552.80	3,354.50	3,204.31	150.19	22.336		
11,600.00	6,840.00	6,704.00	6,704.00	154.77	116.05	90.00	2,325.01	-9,552.80	3,255.75	3,105.68	150.08	21.694		
11,700.00	6,840.00	6,704.00	6,704.00	157.36	116.05	90.00	2,325.01	-9,552.80	3,157.09	3,007.09	150.00	21.048		
11,800.00	6,840.00	6,704.00	6,704.00	159.95	116.05	90.00	2,325.01	-9,552.80	3,058.51	2,908.55	149.96	20.395		
11,900.00	6,840.00	6,704.00	6,704.00	162.55	116.05	90.00	2,325.01	-9,552.80	2,960.02	2,810.05	149.97	19.737		
12,000.00	6,840.00	6,704.00	6,704.00	165.16	116.05	90.00	2,325.01	-9,552.80	2,861.65	2,711.60	150.04	19.072		
12,100.00	6,840.00	6,704.00	6,704.00	167.76	116.05	90.00	2,325.01	-9,552.80	2,763.38	2,613.19	150.19	18.399		
12,200.00	6,840.00	6,704.00	6,704.00	170.37	116.05	90.00	2,325.01	-9,552.80	2,665.25	2,514.83	150.42	17.719		
12,300.00	6,840.00	6,704.00	6,704.00	172.99	116.05	90.00	2,325.01	-9,552.80	2,567.26	2,416.50	150.76	17.029		
12,400.00	6,840.00	6,704.00	6,704.00	175.60	116.05	90.00	2,325.01	-9,552.80	2,469.43	2,318.21	151.22	16.330		
12,500.00	6,840.00	6,704.00	6,704.00	178.23	116.05	90.00	2,325.01	-9,552.80	2,371.78	2,219.95	151.83	15.621		
12,600.00	6,840.00	6,704.00	6,704.00	180.85	116.05	90.00	2,325.01	-9,552.80	2,274.34	2,121.72	152.63	14.901		
12,700.00	6,840.00	6,704.00	6,704.00	183.47	116.05	90.00	2,325.01	-9,552.80	2,177.13	2,023.51	153.63	14.172		
12,800.00	6,840.00	6,704.00	6,704.00	186.10	116.05	90.00	2,325.01	-9,552.80	2,080.19	1,925.31	154.87	13.432		
12,900.00	6,840.00	6,704.00	6,704.00	188.74	116.05	90.00	2,325.01	-9,552.80	1,983.54	1,827.14	156.41	12.682		
13,000.00	6,840.00	6,704.00	6,704.00	191.37	116.05	90.00	2,325.01	-9,552.80	1,887.25	1,728.97	158.27	11.924		
13,100.00	6,840.00	6,704.00	6,704.00	194.01	116.05	90.00	2,325.01	-9,552.80	1,791.36	1,630.83	160.53	11.159		
13,200.00	6,840.00	6,704.00	6,704.00	196.65	116.05	90.00	2,325.01	-9,552.80	1,695.95	1,532.70	163.25	10.389		
13,300.00	6,840.00	6,704.00	6,704.00	199.29	116.05	90.00	2,325.01	-9,552.80	1,601.10	1,434.61	166.49	9.617		
13,400.00	6,840.00	6,704.00	6,704.00	201.93	116.05	90.00	2,325.01	-9,552.80	1,506.91	1,336.57	170.34	8.846		
13,500.00	6,840.00	6,704.00	6,704.00	204.58	116.05	90.00	2,325.01	-9,552.80	1,413.53	1,238.61	174.91	8.081		
13,600.00	6,840.00	6,704.00	6,704.00	207.22	116.05	90.00	2,325.01	-9,552.80	1,321.11	1,140.78	180.33	7.326		
13,700.00	6,840.00	6,704.00	6,704.00	209.87	116.05	90.00	2,325.01	-9,552.80	1,229.88	1,043.15	186.73	6.586		
13,800.00	6,840.00	6,704.00	6,704.00	212.52	116.05	90.00	2,325.01	-9,552.80	1,140.12	945.81	194.31	5.868		
13,900.00	6,840.00	6,704.00	6,704.00	215.18	116.05	90.00	2,325.01	-9,552.80	1,052.20	848.93	203.28	5.176		
14,000.00	6,840.00	6,704.00	6,704.00	217.83	116.05	90.00	2,325.01	-9,552.80	966.65	752.75	213.89	4.519		
14,100.00	6,840.00	6,704.00	6,704.00	220.49	116.05	90.00	2,325.01	-9,552.80	884.12	657.68	226.44	3.904		
14,200.00	6,840.00	6,704.00	6,704.00	223.15	116.05	90.00	2,325.01	-9,552.80	805.57	564.36	241.21	3.340		
14,300.00	6,840.00	6,704.00	6,704.00	225.81	116.05	90.00	2,325.01	-9,552.80	732.27	473.87	258.40	2.834		
14,400.00	6,840.00	6,704.00	6,704.00	228.47	116.05	90.00	2,325.01	-9,552.80	665.95	387.99	277.95	2.396		
14,500.00	6,840.00	6,704.00	6,704.00	231.13	116.05	90.00	2,325.01	-9,552.80	608.89	309.64	299.25	2.035		
14,600.00	6,840.00	6,704.00	6,704.00	233.79	116.05	90.00	2,325.01	-9,552.80	563.93	243.20	320.73	1.758		
14,700.00	6,840.00	6,704.00	6,704.00	236.46	116.05	90.00	2,325.01	-9,552.80	534.13	194.48	339.65	1.573		
14,800.00	6,840.00	6,704.00	6,704.00	239.12	116.05	90.00	2,325.01	-9,552.80	522.07	169.38	352.70	1.480	Level 3	
14,813.65	6,840.00	6,704.00	6,704.00	239.49	116.05	90.00	2,325.01	-9,552.80	521.90	168.02	353.87	1.475	Level 3, CC, ES, SF	
14,900.00	6,840.00	6,704.00	6,704.00	241.79	116.05	90.00	2,325.01	-9,552.80	528.99	171.40	357.59	1.479	Level 3	
15,000.00	6,840.00	6,704.00	6,704.00	244.46	116.05	90.00	2,325.01	-9,552.80	554.17	199.75	354.42	1.564		
15,100.00	6,840.00	6,704.00	6,704.00	247.13	116.05	90.00	2,325.01	-9,552.80	595.29	249.93	345.36	1.724		
15,200.00	6,840.00	6,704.00	6,704.00	249.80	116.05	90.00	2,325.01	-9,552.80	649.34	316.15	333.19	1.949		
15,300.00	6,840.00	6,704.00	6,704.00	252.47	116.05	90.00	2,325.01	-9,552.80	713.38	393.28	320.10	2.229		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,400.00	6,840.00	6,704.00	6,704.00	255.15	116.05	90.00	2,325.01	-9,552.80	784.97	477.58	307.39	2.554		
15,500.00	6,840.00	6,704.00	6,704.00	257.82	116.05	90.00	2,325.01	-9,552.80	862.23	566.54	295.70	2.916		
15,600.00	6,840.00	6,704.00	6,704.00	260.50	116.05	90.00	2,325.01	-9,552.80	943.78	658.56	285.22	3.309		
15,700.00	6,840.00	6,704.00	6,704.00	263.17	116.05	90.00	2,325.01	-9,552.80	1,028.59	752.63	275.95	3.727		
15,800.00	6,840.00	6,704.00	6,704.00	265.85	116.05	90.00	2,325.01	-9,552.80	1,115.91	848.11	267.80	4.167		
15,900.00	6,840.00	6,704.00	6,704.00	268.53	116.05	90.00	2,325.01	-9,552.80	1,205.21	944.58	260.63	4.624		
16,000.00	6,840.00	6,704.00	6,704.00	271.20	116.05	90.00	2,325.01	-9,552.80	1,296.07	1,041.75	254.32	5.096		
16,100.00	6,840.00	6,704.00	6,704.00	273.88	116.05	90.00	2,325.01	-9,552.80	1,388.19	1,139.44	248.75	5.581		
16,200.00	6,840.00	6,704.00	6,704.00	276.56	116.05	90.00	2,325.01	-9,552.80	1,481.33	1,237.52	243.81	6.076		
16,300.00	6,840.00	6,704.00	6,704.00	279.25	116.05	90.00	2,325.01	-9,552.80	1,575.31	1,335.90	239.41	6.580		
16,400.00	6,840.00	6,704.00	6,704.00	281.93	116.05	90.00	2,325.01	-9,552.80	1,669.99	1,434.52	235.48	7.092		
16,500.00	6,840.00	6,704.00	6,704.00	284.61	116.05	90.00	2,325.01	-9,552.80	1,765.26	1,533.31	231.95	7.611		
16,600.00	6,840.00	6,704.00	6,704.00	287.29	116.05	90.00	2,325.01	-9,552.80	1,861.03	1,632.26	228.77	8.135		
16,700.00	6,840.00	6,704.00	6,704.00	289.98	116.05	90.00	2,325.01	-9,552.80	1,957.21	1,731.32	225.89	8.664		
16,800.00	6,840.00	6,704.00	6,704.00	292.66	116.05	90.00	2,325.01	-9,552.80	2,053.77	1,830.49	223.28	9.198		
16,900.00	6,840.00	6,704.00	6,704.00	295.35	116.05	90.00	2,325.01	-9,552.80	2,150.63	1,929.74	220.90	9.736		
17,000.00	6,840.00	6,704.00	6,704.00	298.03	116.05	90.00	2,325.01	-9,552.80	2,247.78	2,029.05	218.72	10.277		
17,100.00	6,840.00	6,704.00	6,704.00	300.72	116.05	90.00	2,325.01	-9,552.80	2,345.16	2,128.43	216.73	10.821		
17,200.00	6,840.00	6,704.00	6,704.00	303.41	116.05	90.00	2,325.01	-9,552.80	2,442.75	2,227.86	214.89	11.367		
17,300.00	6,840.00	6,704.00	6,704.00	306.09	116.05	90.00	2,325.01	-9,552.80	2,540.53	2,327.33	213.20	11.916		
17,400.00	6,840.00	6,704.00	6,704.00	308.78	116.05	90.00	2,325.01	-9,552.80	2,638.48	2,426.84	211.64	12.467		
17,500.00	6,840.00	6,704.00	6,704.00	311.47	116.05	90.00	2,325.01	-9,552.80	2,736.57	2,526.38	210.19	13.019		
17,600.00	6,840.00	6,704.00	6,704.00	314.16	116.05	90.00	2,325.01	-9,552.80	2,834.80	2,625.95	208.85	13.573		
17,700.00	6,840.00	6,704.00	6,704.00	316.85	116.05	90.00	2,325.01	-9,552.80	2,933.15	2,725.55	207.60	14.129		
17,800.00	6,840.00	6,704.00	6,704.00	319.54	116.05	90.00	2,325.01	-9,552.80	3,031.61	2,825.17	206.44	14.685		
17,900.00	6,840.00	6,704.00	6,704.00	322.23	116.05	90.00	2,325.01	-9,552.80	3,130.16	2,924.81	205.35	15.243		
18,000.00	6,840.00	6,704.00	6,704.00	324.92	116.05	90.00	2,325.01	-9,552.80	3,228.81	3,024.48	204.33	15.802		
18,100.00	6,840.00	6,704.00	6,704.00	327.62	116.05	90.00	2,325.01	-9,552.80	3,327.53	3,124.15	203.38	16.361		
18,200.00	6,840.00	6,704.00	6,704.00	330.31	116.05	90.00	2,325.01	-9,552.80	3,426.33	3,223.85	202.48	16.922		
18,300.00	6,840.00	6,704.00	6,704.00	333.00	116.05	90.00	2,325.01	-9,552.80	3,525.19	3,323.55	201.64	17.482		
18,400.00	6,840.00	6,704.00	6,704.00	335.70	116.05	90.00	2,325.01	-9,552.80	3,624.12	3,423.27	200.85	18.044		
18,500.00	6,840.00	6,704.00	6,704.00	338.39	116.05	90.00	2,325.01	-9,552.80	3,723.11	3,523.00	200.11	18.606		
18,600.00	6,840.00	6,704.00	6,704.00	341.08	116.05	90.00	2,325.01	-9,552.80	3,822.15	3,622.74	199.40	19.168		
18,700.00	6,840.00	6,704.00	6,704.00	343.78	116.05	90.00	2,325.01	-9,552.80	3,921.23	3,722.49	198.74	19.730		
18,800.00	6,840.00	6,704.00	6,704.00	346.47	116.05	90.00	2,325.01	-9,552.80	4,020.37	3,822.25	198.11	20.293		
18,900.00	6,840.00	6,704.00	6,704.00	349.17	116.05	90.00	2,325.01	-9,552.80	4,119.54	3,922.02	197.52	20.856		
19,000.00	6,840.00	6,704.00	6,704.00	351.86	116.05	90.00	2,325.01	-9,552.80	4,218.75	4,021.80	196.96	21.420		
19,100.00	6,840.00	6,704.00	6,704.00	354.56	116.05	90.00	2,325.01	-9,552.80	4,318.00	4,121.58	196.43	21.983		
19,200.00	6,840.00	6,704.00	6,704.00	357.26	116.05	90.00	2,325.01	-9,552.80	4,417.29	4,221.37	195.92	22.546		
19,300.00	6,840.00	6,704.00	6,704.00	359.95	116.05	90.00	2,325.01	-9,552.80	4,516.60	4,321.16	195.44	23.110		
19,400.00	6,840.00	6,704.00	6,704.00	362.65	116.05	90.00	2,325.01	-9,552.80	4,615.95	4,420.96	194.98	23.674		
19,500.00	6,840.00	6,704.00	6,704.00	365.35	116.05	90.00	2,325.01	-9,552.80	4,715.32	4,520.77	194.55	24.237		
19,600.00	6,840.00	6,704.00	6,704.00	368.05	116.05	90.00	2,325.01	-9,552.80	4,814.72	4,620.58	194.14	24.801		
19,700.00	6,840.00	6,704.00	6,704.00	370.74	116.05	90.00	2,325.01	-9,552.80	4,914.14	4,720.40	193.74	25.364		
19,800.00	6,840.00	6,704.00	6,704.00	373.44	116.05	90.00	2,325.01	-9,552.80	5,013.59	4,820.22	193.37	25.927		
19,900.00	6,840.00	6,704.00	6,704.00	376.14	116.05	90.00	2,325.01	-9,552.80	5,113.05	4,920.04	193.01	26.491		
20,000.00	6,840.00	6,704.00	6,704.00	378.84	116.05	90.00	2,325.01	-9,552.80	5,212.54	5,019.87	192.67	27.054		
20,100.00	6,840.00	6,704.00	6,704.00	381.54	116.05	90.00	2,325.01	-9,552.80	5,312.05	5,119.70	192.35	27.617		
20,200.00	6,840.00	6,704.00	6,704.00	384.24	116.05	90.00	2,325.01	-9,552.80	5,411.57	5,219.54	192.04	28.180		
20,300.00	6,840.00	6,704.00	6,704.00	386.94	116.05	90.00	2,325.01	-9,552.80	5,511.12	5,319.37	191.74	28.742		
20,400.00	6,840.00	6,704.00	6,704.00	389.64	116.05	90.00	2,325.01	-9,552.80	5,610.67	5,419.21	191.46	29.305		
20,500.00	6,840.00	6,704.00	6,704.00	392.34	116.05	90.00	2,325.01	-9,552.80	5,710.25	5,519.06	191.19	29.867		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,600.00	6,840.00	6,704.00	6,704.00	395.04	116.05	90.00	2,325.01	-9,552.80	5,809.84	5,618.91	190.93	30.429	
20,609.76	6,840.00	6,704.00	6,704.00	395.31	116.05	90.00	2,325.01	-9,552.80	5,819.55	5,628.65	190.91	30.484	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,829.66	4,828.54	37.37	1.46	-45.25	959.02	-9,566.09	8,227.28	8,196.84	30.45	270.228		
5,300.00	4,917.33	4,923.58	4,922.43	38.23	1.48	-45.45	960.06	-9,564.52	8,194.38	8,163.22	31.17	262.912		
5,400.00	5,007.92	5,033.93	5,032.76	39.09	1.50	-45.69	960.91	-9,562.47	8,161.42	8,129.53	31.89	255.932		
5,500.00	5,098.51	5,133.99	5,132.80	39.95	1.52	-45.91	961.24	-9,560.41	8,128.37	8,095.75	32.62	249.195		
5,600.00	5,189.11	5,217.71	5,216.50	40.81	1.53	-46.10	961.63	-9,558.64	8,095.39	8,062.03	33.36	242.686		
5,700.00	5,279.70	5,279.38	5,278.16	41.68	1.54	-46.24	961.95	-9,557.50	8,062.73	8,028.62	34.11	236.388		
5,800.00	5,370.29	5,378.44	5,377.20	42.54	1.56	-46.47	962.29	-9,555.85	8,030.36	7,995.51	34.85	230.424		
5,900.00	5,460.88	5,491.31	5,490.05	43.40	1.58	-46.73	962.38	-9,553.65	7,997.83	7,962.24	35.59	224.705		
6,000.00	5,551.47	5,562.73	5,561.46	44.26	1.60	-46.90	962.32	-9,552.22	7,965.38	7,929.02	36.35	219.109		
6,100.00	5,642.07	5,641.08	5,639.80	45.13	1.61	-47.09	961.98	-9,550.83	7,933.25	7,896.13	37.12	213.738		
6,200.00	5,732.66	5,725.86	5,724.56	45.99	1.63	-47.29	961.48	-9,549.36	7,901.28	7,863.40	37.88	208.575		
6,300.00	5,823.25	5,800.00	5,798.69	46.85	1.64	-47.48	960.83	-9,548.18	7,869.56	7,830.91	38.66	203.581		
6,400.00	5,913.84	5,847.65	5,846.33	47.72	1.64	-47.59	960.26	-9,547.58	7,838.30	7,798.86	39.44	198.734		
6,500.00	6,004.44	5,900.00	5,898.67	48.58	1.65	-47.73	959.47	-9,547.21	7,807.64	7,767.41	40.23	194.079		
6,600.00	6,095.03	5,963.50	5,962.17	49.44	1.65	-47.89	958.28	-9,547.00	7,777.48	7,736.46	41.02	189.617		
6,700.00	6,185.62	6,042.58	6,041.22	50.30	1.66	-48.09	956.54	-9,546.90	7,747.66	7,705.86	41.80	185.338		
6,800.00	6,276.21	6,120.39	6,119.02	51.17	1.66	-48.30	954.94	-9,546.86	7,718.04	7,675.44	42.59	181.206		
6,900.00	6,366.80	6,177.19	6,175.80	52.03	1.67	-48.44	953.88	-9,547.03	7,688.85	7,645.46	43.39	177.190		
7,000.00	6,457.40	6,291.72	6,290.32	52.89	1.67	-48.74	951.99	-9,547.61	7,659.99	7,615.82	44.17	173.410		
7,100.00	6,545.60	6,358.21	6,356.80	53.85	1.68	-39.20	951.03	-9,547.85	7,624.76	7,579.77	44.99	169.458		
7,200.00	6,626.13	6,420.71	6,419.29	55.05	1.68	-33.26	950.20	-9,548.28	7,574.41	7,528.57	45.84	165.229		
7,300.00	6,696.49	6,490.13	6,488.71	56.46	1.69	-30.52	949.26	-9,548.83	7,510.12	7,463.46	46.67	160.936		
7,400.00	6,754.56	6,607.47	6,606.04	58.05	1.69	-30.51	947.68	-9,549.33	7,433.57	7,386.16	47.40	156.817		
7,500.00	6,798.57	6,644.49	6,643.05	59.78	1.70	-33.02	947.22	-9,549.37	7,347.09	7,299.01	48.08	152.806		
7,600.00	6,827.18	6,671.44	6,670.00	61.58	1.70	-41.39	946.90	-9,549.40	7,253.52	7,204.89	48.63	149.149		
7,700.00	6,839.51	6,683.15	6,681.71	63.39	1.70	-72.02	946.76	-9,549.42	7,155.66	7,106.62	49.04	145.921		
7,800.00	6,840.00	6,683.74	6,682.30	65.19	1.70	-88.68	946.76	-9,549.42	7,056.41	7,007.08	49.33	143.035		
7,900.00	6,840.00	6,683.87	6,682.43	67.04	1.70	-88.69	946.75	-9,549.42	6,957.16	6,907.53	49.63	140.172		
8,000.00	6,840.00	6,684.00	6,682.56	68.95	1.70	-88.70	946.75	-9,549.42	6,857.94	6,807.99	49.94	137.316		
8,100.00	6,840.00	6,684.14	6,682.70	70.91	1.70	-88.71	946.75	-9,549.42	6,758.73	6,708.47	50.26	134.466		
8,200.00	6,840.00	6,684.27	6,682.83	72.91	1.70	-88.72	946.75	-9,549.42	6,659.59	6,608.95	50.60	131.624		
8,300.00	6,840.00	6,684.40	6,682.96	74.96	1.70	-88.73	946.75	-9,549.42	6,560.39	6,509.45	50.94	128.789		
8,400.00	6,840.00	6,684.53	6,683.09	77.05	1.70	-88.74	946.75	-9,549.42	6,461.26	6,409.97	51.29	125.963		
8,500.00	6,840.00	6,684.67	6,683.23	79.18	1.70	-88.74	946.75	-9,549.42	6,362.16	6,310.49	51.66	123.145		
8,600.00	6,840.00	6,684.80	6,683.36	81.34	1.70	-88.75	946.74	-9,549.42	6,263.08	6,211.04	52.05	120.337		
8,700.00	6,840.00	6,684.93	6,683.49	83.54	1.70	-88.76	946.74	-9,549.42	6,164.04	6,111.60	52.44	117.538		
8,800.00	6,840.00	6,685.07	6,683.63	85.76	1.70	-88.77	946.74	-9,549.42	6,065.02	6,012.17	52.85	114.750		
8,900.00	6,840.00	6,685.20	6,683.76	88.02	1.70	-88.78	946.74	-9,549.42	5,966.04	5,912.76	53.28	111.972		
9,000.00	6,840.00	6,685.34	6,683.89	90.30	1.70	-88.79	946.74	-9,549.42	5,867.10	5,813.37	53.73	109.206		
9,100.00	6,840.00	6,685.47	6,684.03	92.60	1.70	-88.80	946.74	-9,549.42	5,768.19	5,714.00	54.19	106.452		
9,200.00	6,840.00	6,685.61	6,684.16	94.93	1.70	-88.81	946.73	-9,549.42	5,669.31	5,614.65	54.67	103.709		
9,300.00	6,840.00	6,685.74	6,684.30	97.28	1.70	-88.82	946.73	-9,549.42	5,570.48	5,515.32	55.16	100.981		
9,400.00	6,840.00	6,685.88	6,684.43	99.65	1.70	-88.82	946.73	-9,549.42	5,471.69	5,416.01	55.68	98.265		
9,500.00	6,840.00	6,686.01	6,684.57	102.03	1.70	-88.83	946.73	-9,549.42	5,372.95	5,316.73	56.22	95.565		
9,600.00	6,840.00	6,686.15	6,684.71	104.43	1.70	-88.84	946.73	-9,549.42	5,274.25	5,217.47	56.79	92.879		
9,700.00	6,840.00	6,686.28	6,684.84	106.85	1.70	-88.85	946.73	-9,549.42	5,175.61	5,118.23	57.37	90.209		
9,800.00	6,840.00	6,686.42	6,684.98	109.29	1.70	-88.86	946.73	-9,549.42	5,077.01	5,019.03	57.99	87.555		
9,900.00	6,840.00	6,686.56	6,685.11	111.73	1.70	-88.87	946.72	-9,549.42	4,978.47	4,919.85	58.63	84.919		
10,000.00	6,840.00	6,686.69	6,685.25	114.19	1.70	-88.88	946.72	-9,549.42	4,879.99	4,820.70	59.29	82.301		
10,100.00	6,840.00	6,686.83	6,685.39	116.66	1.70	-88.89	946.72	-9,549.42	4,781.58	4,721.59	59.99	79.702		
10,200.00	6,840.00	6,686.97	6,685.53	119.15	1.70	-88.90	946.72	-9,549.42	4,683.23	4,622.51	60.72	77.123		
10,300.00	6,840.00	6,687.10	6,685.66	121.64	1.70	-88.91	946.72	-9,549.42	4,584.95	4,523.46	61.49	74.564		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,687.24	6,685.80	124.14	1.70	-88.92	946.72	-9,549.42	4,486.75	4,424.46	62.29	72.027		
10,500.00	6,840.00	6,687.38	6,685.94	126.65	1.70	-88.93	946.71	-9,549.42	4,388.63	4,325.50	63.13	69.512		
10,600.00	6,840.00	6,687.52	6,686.08	129.18	1.70	-88.93	946.71	-9,549.42	4,290.60	4,226.58	64.02	67.021		
10,700.00	6,840.00	6,687.66	6,686.22	131.70	1.70	-88.94	946.71	-9,549.42	4,192.66	4,127.71	64.95	64.555		
10,800.00	6,840.00	6,687.80	6,686.36	134.24	1.70	-88.95	946.71	-9,549.42	4,094.82	4,028.90	65.92	62.114		
10,900.00	6,840.00	6,687.94	6,686.50	136.79	1.70	-88.96	946.71	-9,549.42	3,997.09	3,930.14	66.95	59.700		
11,000.00	6,840.00	6,688.08	6,686.63	139.34	1.70	-88.97	946.71	-9,549.42	3,899.47	3,831.43	68.04	57.314		
11,100.00	6,840.00	6,688.22	6,686.77	141.90	1.70	-88.98	946.70	-9,549.42	3,801.98	3,732.80	69.18	54.957		
11,200.00	6,840.00	6,688.36	6,686.91	144.46	1.70	-88.99	946.70	-9,549.42	3,704.61	3,634.23	70.39	52.631		
11,300.00	6,840.00	6,688.50	6,687.05	147.03	1.70	-89.00	946.70	-9,549.42	3,607.40	3,535.73	71.67	50.337		
11,400.00	6,840.00	6,688.64	6,687.20	149.60	1.70	-89.01	946.70	-9,549.42	3,510.34	3,437.32	73.02	48.075		
11,500.00	6,840.00	6,688.78	6,687.34	152.18	1.70	-89.02	946.70	-9,549.42	3,413.45	3,339.00	74.45	45.849		
11,600.00	6,840.00	6,688.92	6,687.48	154.77	1.70	-89.03	946.70	-9,549.42	3,316.74	3,240.77	75.97	43.658		
11,700.00	6,840.00	6,689.06	6,687.62	157.36	1.70	-89.04	946.69	-9,549.42	3,220.24	3,142.65	77.59	41.505		
11,800.00	6,840.00	6,689.20	6,687.76	159.95	1.70	-89.05	946.69	-9,549.42	3,123.95	3,044.65	79.31	39.390		
11,900.00	6,840.00	6,689.34	6,687.90	162.55	1.70	-89.06	946.69	-9,549.42	3,027.91	2,946.77	81.14	37.317		
12,000.00	6,840.00	6,689.49	6,688.04	165.16	1.70	-89.07	946.69	-9,549.42	2,932.13	2,849.03	83.10	35.286		
12,100.00	6,840.00	6,689.63	6,688.19	167.76	1.70	-89.08	946.69	-9,549.42	2,836.64	2,751.45	85.19	33.299		
12,200.00	6,840.00	6,689.77	6,688.33	170.37	1.70	-89.09	946.69	-9,549.42	2,741.48	2,654.05	87.43	31.358		
12,300.00	6,840.00	6,689.91	6,688.47	172.99	1.70	-89.10	946.68	-9,549.43	2,646.67	2,556.84	89.83	29.464		
12,400.00	6,840.00	6,690.06	6,688.62	175.60	1.70	-89.10	946.68	-9,549.43	2,552.25	2,459.85	92.41	27.620		
12,500.00	6,840.00	6,690.20	6,688.76	178.23	1.70	-89.11	946.68	-9,549.43	2,458.28	2,363.10	95.18	25.828		
12,600.00	6,840.00	6,690.35	6,688.90	180.85	1.70	-89.12	946.68	-9,549.43	2,364.80	2,266.63	98.17	24.089		
12,700.00	6,840.00	6,690.49	6,689.05	183.47	1.70	-89.13	946.68	-9,549.43	2,271.88	2,170.48	101.40	22.405		
12,800.00	6,840.00	6,690.63	6,689.19	186.10	1.70	-89.14	946.68	-9,549.43	2,179.59	2,074.69	104.89	20.779		
12,900.00	6,840.00	6,690.78	6,689.34	188.74	1.70	-89.15	946.67	-9,549.43	2,088.00	1,979.32	108.68	19.213		
13,000.00	6,840.00	6,690.92	6,689.48	191.37	1.70	-89.16	946.67	-9,549.43	1,997.22	1,884.43	112.79	17.708		
13,100.00	6,840.00	6,691.07	6,689.63	194.01	1.70	-89.17	946.67	-9,549.43	1,907.37	1,790.11	117.25	16.267		
13,200.00	6,840.00	6,691.22	6,689.77	196.65	1.70	-89.18	946.67	-9,549.43	1,818.57	1,696.45	122.12	14.892		
13,300.00	6,840.00	6,691.36	6,689.92	199.29	1.70	-89.19	946.67	-9,549.43	1,731.00	1,603.58	127.42	13.585		
13,400.00	6,840.00	6,691.51	6,690.07	201.93	1.70	-89.20	946.67	-9,549.43	1,644.84	1,511.64	133.20	12.349		
13,500.00	6,840.00	6,691.65	6,690.21	204.58	1.70	-89.21	946.66	-9,549.43	1,560.34	1,420.84	139.50	11.185		
13,600.00	6,840.00	6,691.80	6,690.36	207.22	1.70	-89.22	946.66	-9,549.43	1,477.77	1,331.40	146.37	10.096		
13,700.00	6,840.00	6,691.95	6,690.51	209.87	1.70	-89.23	946.66	-9,549.43	1,397.48	1,243.64	153.84	9.084		
13,800.00	6,840.00	6,692.10	6,690.65	212.52	1.70	-89.24	946.66	-9,549.43	1,319.89	1,157.96	161.93	8.151		
13,900.00	6,840.00	6,692.24	6,690.80	215.18	1.70	-89.25	946.66	-9,549.43	1,245.49	1,074.85	170.64	7.299		
14,000.00	6,840.00	6,692.39	6,690.95	217.83	1.70	-89.26	946.66	-9,549.43	1,174.91	994.98	179.93	6.530		
14,100.00	6,840.00	6,692.54	6,691.10	220.49	1.70	-89.27	946.65	-9,549.43	1,108.85	919.17	189.68	5.846		
14,200.00	6,840.00	6,692.69	6,691.25	223.15	1.70	-89.28	946.65	-9,549.43	1,048.19	848.49	199.70	5.249		
14,300.00	6,840.00	6,692.84	6,691.40	225.81	1.70	-89.29	946.65	-9,549.43	993.91	784.24	209.67	4.740		
14,400.00	6,840.00	6,692.99	6,691.55	228.47	1.70	-89.30	946.65	-9,549.43	947.10	727.98	219.12	4.322		
14,500.00	6,840.00	6,693.14	6,691.70	231.13	1.70	-89.31	946.65	-9,549.43	908.93	681.47	227.46	3.996		
14,600.00	6,840.00	6,693.29	6,691.85	233.79	1.70	-89.32	946.65	-9,549.43	880.51	646.51	234.00	3.763		
14,700.00	6,840.00	6,693.44	6,692.00	236.46	1.70	-89.33	946.64	-9,549.43	862.82	624.74	238.08	3.624		
14,800.00	6,840.00	6,693.59	6,692.15	239.12	1.70	-89.34	946.64	-9,549.43	856.51	617.30	239.21	3.581 ES, SF		
14,804.25	6,840.00	6,693.59	6,692.15	239.24	1.70	-89.34	946.64	-9,549.43	856.50	617.31	239.18	3.581 CC		
14,900.00	6,840.00	6,693.74	6,692.30	241.79	1.70	-89.35	946.64	-9,549.43	861.83	624.63	237.21	3.633		
15,000.00	6,840.00	6,693.89	6,692.45	244.46	1.70	-89.36	946.64	-9,549.43	878.58	646.31	232.27	3.783		
15,100.00	6,840.00	6,694.04	6,692.60	247.13	1.70	-89.37	946.64	-9,549.43	906.12	681.21	224.91	4.029		
15,200.00	6,840.00	6,694.19	6,692.75	249.80	1.70	-89.38	946.64	-9,549.43	943.51	727.71	215.80	4.372		
15,300.00	6,840.00	6,694.34	6,692.90	252.47	1.70	-89.39	946.63	-9,549.43	989.63	783.99	205.64	4.812		
15,400.00	6,840.00	6,694.50	6,693.06	255.15	1.70	-89.40	946.63	-9,549.43	1,043.32	848.28	195.04	5.349		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,694.65	6,693.21	257.82	1.70	-89.41	946.63	-9,549.43	1,103.48	919.01	184.47	5.982		
15,600.00	6,840.00	6,694.80	6,693.36	260.50	1.70	-89.42	946.63	-9,549.43	1,169.11	994.87	174.24	6.710		
15,700.00	6,840.00	6,694.96	6,693.51	263.17	1.70	-89.43	946.63	-9,549.43	1,239.34	1,074.78	164.55	7.532		
15,800.00	6,840.00	6,695.11	6,693.67	265.85	1.70	-89.44	946.63	-9,549.43	1,313.43	1,157.92	155.51	8.446		
15,900.00	6,840.00	6,695.26	6,693.82	268.53	1.70	-89.45	946.62	-9,549.43	1,390.78	1,243.63	147.15	9.452		
16,000.00	6,840.00	6,695.42	6,693.98	271.20	1.70	-89.46	946.62	-9,549.43	1,470.85	1,331.39	139.46	10.547		
16,100.00	6,840.00	6,695.57	6,694.13	273.88	1.70	-89.47	946.62	-9,549.43	1,553.24	1,420.82	132.42	11.730		
16,200.00	6,840.00	6,695.73	6,694.28	276.56	1.70	-89.48	946.62	-9,549.43	1,637.59	1,511.60	125.99	12.998		
16,300.00	6,840.00	6,695.88	6,694.44	279.25	1.70	-89.49	946.62	-9,549.43	1,723.62	1,603.50	120.12	14.349		
16,400.00	6,840.00	6,696.04	6,694.60	281.93	1.70	-89.50	946.61	-9,549.43	1,811.08	1,696.32	114.76	15.782		
16,500.00	6,840.00	6,696.19	6,694.75	284.61	1.70	-89.52	946.61	-9,549.43	1,899.78	1,789.92	109.86	17.293		
16,600.00	6,840.00	6,696.35	6,694.91	287.29	1.70	-89.53	946.61	-9,549.43	1,989.55	1,884.16	105.38	18.879		
16,700.00	6,840.00	6,696.51	6,695.06	289.98	1.70	-89.54	946.61	-9,549.44	2,080.25	1,978.97	101.29	20.538		
16,800.00	6,840.00	6,696.66	6,695.22	292.66	1.70	-89.55	946.61	-9,549.44	2,171.77	2,074.24	97.53	22.267		
16,900.00	6,840.00	6,696.82	6,695.38	295.35	1.70	-89.56	946.61	-9,549.44	2,264.01	2,169.93	94.09	24.063		
17,000.00	6,840.00	6,696.98	6,695.53	298.03	1.70	-89.57	946.60	-9,549.44	2,356.88	2,265.96	90.92	25.923		
17,100.00	6,840.00	6,697.13	6,695.69	300.72	1.70	-89.58	946.60	-9,549.44	2,450.32	2,362.31	88.00	27.843		
17,200.00	6,840.00	6,697.29	6,695.85	303.41	1.70	-89.59	946.60	-9,549.44	2,544.25	2,458.93	85.32	29.822		
17,300.00	6,840.00	6,697.45	6,696.01	306.09	1.70	-89.60	946.60	-9,549.44	2,638.63	2,555.79	82.83	31.854		
17,400.00	6,840.00	6,697.61	6,696.17	308.78	1.70	-89.61	946.60	-9,549.44	2,733.40	2,652.86	80.54	33.938		
17,500.00	6,840.00	6,697.77	6,696.33	311.47	1.70	-89.62	946.59	-9,549.44	2,828.54	2,750.12	78.42	36.070		
17,600.00	6,840.00	6,697.93	6,696.49	314.16	1.70	-89.63	946.59	-9,549.44	2,924.00	2,847.55	76.45	38.247		
17,700.00	6,840.00	6,698.09	6,696.65	316.85	1.70	-89.64	946.59	-9,549.44	3,019.76	2,945.13	74.62	40.466		
17,800.00	6,840.00	6,698.25	6,696.81	319.54	1.70	-89.65	946.59	-9,549.44	3,115.78	3,042.85	72.93	42.724		
17,900.00	6,840.00	6,698.41	6,696.97	322.23	1.70	-89.66	946.59	-9,549.44	3,212.05	3,140.69	71.35	45.017		
18,000.00	6,840.00	6,698.57	6,697.13	324.92	1.70	-89.67	946.59	-9,549.44	3,308.53	3,238.65	69.88	47.344		
18,100.00	6,840.00	6,698.73	6,697.29	327.62	1.70	-89.68	946.58	-9,549.44	3,405.22	3,336.71	68.52	49.700		
18,200.00	6,840.00	6,698.89	6,697.45	330.31	1.70	-89.70	946.58	-9,549.44	3,502.10	3,434.86	67.24	52.084		
18,300.00	6,840.00	6,699.05	6,697.61	333.00	1.70	-89.71	946.58	-9,549.44	3,599.14	3,533.10	66.05	54.493		
18,400.00	6,840.00	6,699.22	6,697.77	335.70	1.70	-89.72	946.58	-9,549.44	3,696.35	3,631.41	64.94	56.923		
18,500.00	6,840.00	6,699.38	6,697.94	338.39	1.70	-89.73	946.58	-9,549.44	3,793.70	3,729.80	63.90	59.373		
18,600.00	6,840.00	6,699.54	6,698.10	341.08	1.70	-89.74	946.57	-9,549.44	3,891.18	3,828.26	62.92	61.840		
18,700.00	6,840.00	6,699.70	6,698.26	343.78	1.70	-89.75	946.57	-9,549.44	3,988.79	3,926.78	62.01	64.323		
18,800.00	6,840.00	6,699.87	6,698.43	346.47	1.70	-89.76	946.57	-9,549.44	4,086.51	4,025.35	61.16	66.817		
18,900.00	6,840.00	6,700.03	6,698.59	349.17	1.70	-89.77	946.57	-9,549.44	4,184.34	4,123.98	60.36	69.323		
19,000.00	6,840.00	6,700.19	6,698.75	351.86	1.70	-89.78	946.57	-9,549.44	4,282.27	4,222.66	59.61	71.837		
19,100.00	6,840.00	6,700.36	6,698.92	354.56	1.70	-89.79	946.56	-9,549.44	4,380.30	4,321.39	58.91	74.358		
19,200.00	6,840.00	6,700.52	6,699.08	357.26	1.70	-89.80	946.56	-9,549.44	4,478.41	4,420.16	58.25	76.884		
19,300.00	6,840.00	6,700.69	6,699.25	359.95	1.70	-89.82	946.56	-9,549.44	4,576.61	4,518.98	57.63	79.413		
19,400.00	6,840.00	6,700.85	6,699.41	362.65	1.70	-89.83	946.56	-9,549.44	4,674.88	4,617.83	57.05	81.944		
19,500.00	6,840.00	6,701.02	6,699.58	365.35	1.70	-89.84	946.56	-9,549.44	4,773.22	4,716.71	56.50	84.475		
19,600.00	6,840.00	6,701.19	6,699.75	368.05	1.70	-89.85	946.56	-9,549.44	4,871.63	4,815.64	55.99	87.006		
19,700.00	6,840.00	6,701.35	6,699.91	370.74	1.70	-89.86	946.55	-9,549.44	4,970.10	4,914.59	55.51	89.534		
19,800.00	6,840.00	6,701.52	6,700.08	373.44	1.70	-89.87	946.55	-9,549.44	5,068.63	5,013.58	55.06	92.058		
19,900.00	6,840.00	6,701.69	6,700.25	376.14	1.70	-89.88	946.55	-9,549.44	5,167.22	5,112.59	54.63	94.578		
20,000.00	6,840.00	6,701.86	6,700.41	378.84	1.70	-89.89	946.55	-9,549.44	5,265.87	5,211.63	54.24	97.092		
20,100.00	6,840.00	6,702.02	6,700.58	381.54	1.70	-89.91	946.55	-9,549.44	5,364.56	5,310.70	53.86	99.600		
20,200.00	6,840.00	6,702.19	6,700.75	384.24	1.70	-89.92	946.54	-9,549.44	5,463.30	5,409.79	53.51	102.100		
20,300.00	6,840.00	6,702.36	6,700.92	386.94	1.70	-89.93	946.54	-9,549.44	5,562.09	5,508.91	53.18	104.592		
20,400.00	6,840.00	6,702.53	6,701.09	389.64	1.70	-89.94	946.54	-9,549.44	5,660.91	5,608.05	52.87	107.075		
20,500.00	6,840.00	6,702.70	6,701.26	392.34	1.70	-89.95	946.54	-9,549.45	5,759.78	5,707.20	52.58	109.548		
20,600.00	6,840.00	6,702.87	6,701.43	395.04	1.70	-89.96	946.54	-9,549.45	5,858.69	5,806.38	52.30	112.011		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,609.76	6,840.00	6,702.89	6,701.44	395.31	1.70	-89.96	946.54	-9,549.45	5,868.34	5,816.06	52.28	112.251	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-83.21	980.25	-8,228.10	8,287.32					
100.00	100.00	0.00	0.00	0.13	0.00	-83.21	980.25	-8,228.10	8,286.34	8,286.21	0.13	N/A		
148.31	148.31	17.31	17.31	0.31	0.13	-83.21	980.25	-8,228.10	8,286.28	8,285.84	0.44	N/A		
200.00	200.00	69.00	69.00	0.49	0.53	-83.21	980.25	-8,228.10	8,286.28	8,285.26	1.02	8,101.719		
300.00	300.00	169.00	169.00	0.85	1.97	-83.21	980.25	-8,228.10	8,286.28	8,283.46	2.82	2,934.660		
400.00	400.00	269.00	269.00	1.21	3.72	-83.21	980.25	-8,228.10	8,286.28	8,281.36	4.93	1,681.677		
500.00	499.98	368.98	368.98	1.57	5.46	-33.97	980.25	-8,228.10	8,284.84	8,277.81	7.03	1,178.771		
600.00	599.84	468.84	468.84	1.93	7.21	-34.04	980.25	-8,228.10	8,280.50	8,271.37	9.13	907.085		
700.00	699.45	568.45	568.45	2.29	8.94	-34.15	980.25	-8,228.10	8,273.27	8,262.04	11.23	736.784		
800.00	798.70	667.70	667.70	2.67	10.68	-34.31	980.25	-8,228.10	8,263.17	8,249.84	13.33	619.973		
900.00	897.47	766.47	766.47	3.07	12.40	-34.52	980.25	-8,228.10	8,250.22	8,234.79	15.43	534.798		
1,000.00	995.62	864.62	864.62	3.50	14.11	-34.78	980.25	-8,228.10	8,234.43	8,216.90	17.52	469.876		
1,100.00	1,093.06	962.06	962.06	3.97	15.81	-35.08	980.25	-8,228.10	8,215.83	8,196.21	19.62	418.695		
1,200.00	1,189.64	1,058.64	1,058.64	4.47	17.50	-35.44	980.25	-8,228.10	8,194.45	8,172.73	21.72	377.265		
1,300.00	1,285.27	1,154.27	1,154.27	5.01	19.17	-35.85	980.25	-8,228.10	8,170.34	8,146.52	23.82	343.005		
1,400.00	1,379.82	1,248.82	1,248.82	5.61	20.82	-36.31	980.25	-8,228.10	8,143.53	8,117.61	25.92	314.169		
1,500.00	1,473.17	1,342.17	1,342.17	6.25	22.45	-36.82	980.25	-8,228.10	8,114.07	8,086.04	28.02	289.537		
1,600.00	1,565.21	1,434.21	1,434.21	6.96	24.05	-37.39	980.25	-8,228.10	8,082.00	8,051.87	30.13	268.230		
1,700.00	1,656.01	1,525.01	1,525.01	7.72	25.64	-37.80	980.25	-8,228.10	8,047.68	8,015.44	32.24	249.603		
1,800.00	1,746.60	1,615.60	1,615.60	8.50	27.22	-37.98	980.25	-8,228.10	8,013.07	7,978.71	34.36	233.209		
1,900.00	1,837.19	1,706.19	1,706.19	9.30	28.80	-38.16	980.25	-8,228.10	7,978.54	7,942.05	36.49	218.643		
2,000.00	1,927.79	1,803.21	1,796.79	10.12	30.49	-38.34	980.25	-8,228.10	7,944.08	7,905.33	38.75	205.032		
2,100.00	2,018.38	1,887.38	1,887.38	10.93	31.96	-38.53	980.25	-8,228.10	7,909.70	7,868.91	40.79	193.935		
2,200.00	2,108.97	1,977.97	1,977.97	11.76	33.54	-38.71	980.25	-8,228.10	7,875.39	7,832.45	42.95	183.380		
2,300.00	2,199.56	2,068.56	2,068.56	12.59	35.13	-38.90	980.25	-8,228.10	7,841.17	7,796.05	45.11	173.809		
2,400.00	2,290.15	2,159.15	2,159.15	13.43	36.71	-39.08	980.25	-8,228.10	7,807.02	7,759.73	47.29	165.093		
2,500.00	2,380.75	2,249.75	2,249.75	14.26	38.29	-39.27	980.25	-8,228.10	7,772.95	7,723.48	49.47	157.125		
2,600.00	2,471.34	2,340.34	2,340.34	15.11	39.87	-39.47	980.25	-8,228.10	7,738.97	7,687.31	51.66	149.815		
2,700.00	2,561.93	2,430.93	2,430.93	15.95	41.45	-39.66	980.25	-8,228.10	7,705.07	7,651.22	53.85	143.085		
2,800.00	2,652.52	2,521.52	2,521.52	16.80	43.03	-39.85	980.25	-8,228.10	7,671.25	7,615.21	56.05	136.871		
2,900.00	2,743.12	2,612.12	2,612.12	17.64	44.61	-40.05	980.25	-8,228.10	7,637.52	7,579.27	58.25	131.116		
3,000.00	2,833.71	2,702.71	2,702.71	18.49	46.19	-40.25	980.25	-8,228.10	7,603.87	7,543.42	60.46	125.772		
3,100.00	2,924.30	2,806.70	2,793.30	19.35	48.01	-40.45	980.25	-8,228.10	7,570.32	7,507.41	62.90	120.348		
3,200.00	3,014.89	2,883.89	2,883.89	20.20	49.36	-40.65	980.25	-8,228.10	7,536.85	7,471.96	64.89	116.155		
3,300.00	3,105.48	2,974.48	2,974.48	21.05	50.94	-40.85	980.25	-8,228.10	7,503.47	7,436.36	67.11	111.813		
3,400.00	3,196.08	3,065.08	3,065.08	21.91	52.52	-41.05	980.25	-8,228.10	7,470.18	7,400.84	69.33	107.744		
3,500.00	3,286.67	3,155.67	3,155.67	22.76	54.10	-41.26	980.25	-8,228.10	7,436.98	7,365.42	71.56	103.923		
3,600.00	3,377.26	3,246.26	3,246.26	23.62	55.68	-41.47	980.25	-8,228.10	7,403.87	7,330.08	73.80	100.328		
3,700.00	3,467.85	3,336.85	3,336.85	24.47	57.26	-41.67	980.25	-8,228.10	7,370.86	7,294.83	76.03	96.941		
3,800.00	3,558.45	3,427.45	3,427.45	25.33	58.84	-41.89	980.25	-8,228.10	7,337.95	7,259.67	78.28	93.744		
3,900.00	3,649.04	3,518.04	3,518.04	26.19	60.42	-42.10	980.25	-8,228.10	7,305.13	7,224.61	80.52	90.721		
4,000.00	3,739.63	3,608.63	3,608.63	27.05	62.01	-42.31	980.25	-8,228.10	7,272.42	7,189.64	82.77	87.859		
4,100.00	3,830.22	3,700.78	3,699.22	27.90	63.61	-42.53	980.25	-8,228.10	7,239.80	7,154.74	85.06	85.118		
4,200.00	3,920.81	3,789.81	3,789.81	28.76	65.17	-42.75	980.25	-8,228.10	7,207.28	7,119.99	87.29	82.570		
4,300.00	4,011.41	3,880.41	3,880.41	29.62	66.75	-42.97	980.25	-8,228.10	7,174.87	7,085.32	89.55	80.121		
4,400.00	4,102.00	3,971.00	3,971.00	30.48	68.33	-43.19	980.25	-8,228.10	7,142.56	7,050.74	91.82	77.791		
4,500.00	4,192.59	4,061.59	4,061.59	31.34	69.91	-43.41	980.25	-8,228.10	7,110.35	7,016.26	94.09	75.571		
4,600.00	4,283.18	4,152.18	4,152.18	32.20	71.49	-43.64	980.25	-8,228.10	7,078.25	6,981.89	96.36	73.454		
4,700.00	4,373.78	4,242.78	4,242.78	33.06	73.07	-43.86	980.25	-8,228.10	7,046.26	6,947.62	98.64	71.432		
4,800.00	4,464.37	4,333.37	4,333.37	33.92	74.65	-44.09	980.25	-8,228.10	7,014.38	6,913.45	100.93	69.500		
4,900.00	4,554.96	4,423.96	4,423.96	34.78	76.24	-44.32	980.25	-8,228.10	6,982.61	6,879.40	103.21	67.651		
5,000.00	4,645.55	4,514.55	4,514.55	35.64	77.82	-44.56	980.25	-8,228.10	6,950.95	6,845.45	105.51	65.882		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 26-6 - 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	4,736.14	4,605.14	4,605.14	36.51	79.40	-44.79	980.25	-8,228.10	6,919.41	6,811.61	107.80	64.186		
5,200.00	4,826.74	4,704.26	4,695.74	37.37	81.13	-45.03	980.25	-8,228.10	6,887.99	6,777.73	110.25	62.475		
5,300.00	4,917.33	4,786.33	4,786.33	38.23	82.56	-45.27	980.25	-8,228.10	6,856.68	6,744.27	112.41	60.998		
5,400.00	5,007.92	4,876.92	4,876.92	39.09	84.14	-45.51	980.25	-8,228.10	6,825.49	6,710.77	114.72	59.498		
5,500.00	5,098.51	4,967.51	4,967.51	39.95	85.72	-45.75	980.25	-8,228.10	6,794.42	6,677.39	117.03	58.056		
5,600.00	5,189.11	5,058.11	5,058.11	40.81	87.30	-45.99	980.25	-8,228.10	6,763.47	6,644.12	119.35	56.670		
5,700.00	5,279.70	5,148.70	5,148.70	41.68	88.88	-46.24	980.25	-8,228.10	6,732.65	6,610.98	121.67	55.335		
5,800.00	5,370.29	5,239.29	5,239.29	42.54	90.47	-46.49	980.25	-8,228.10	6,701.95	6,577.95	124.00	54.049		
5,900.00	5,460.88	5,329.88	5,329.88	43.40	92.05	-46.74	980.25	-8,228.10	6,671.38	6,545.05	126.33	52.809		
6,000.00	5,551.47	5,420.47	5,420.47	44.26	93.63	-46.99	980.25	-8,228.10	6,640.94	6,512.28	128.67	51.614		
6,100.00	5,642.07	5,511.07	5,511.07	45.13	95.21	-47.25	980.25	-8,228.10	6,610.63	6,479.63	131.01	50.461		
6,200.00	5,732.66	5,601.66	5,601.66	45.99	96.79	-47.51	980.25	-8,228.10	6,580.46	6,447.11	133.35	49.347		
6,300.00	5,823.25	5,707.75	5,692.25	46.85	98.64	-47.77	980.25	-8,228.10	6,550.42	6,414.45	135.97	48.175		
6,400.00	5,913.84	5,782.84	5,782.84	47.72	99.95	-48.03	980.25	-8,228.10	6,520.51	6,382.46	138.05	47.232		
6,500.00	6,004.44	5,873.44	5,873.44	48.58	101.53	-48.29	980.25	-8,228.10	6,490.74	6,350.33	140.41	46.226		
6,600.00	6,095.03	5,964.03	5,964.03	49.44	103.11	-48.56	980.25	-8,228.10	6,461.12	6,318.34	142.78	45.254		
6,700.00	6,185.62	6,054.62	6,054.62	50.30	104.70	-48.83	980.25	-8,228.10	6,431.64	6,286.49	145.14	44.312		
6,800.00	6,276.21	6,145.21	6,145.21	51.17	106.28	-49.10	980.25	-8,228.10	6,402.30	6,254.78	147.52	43.401		
6,900.00	6,366.80	6,235.80	6,235.80	52.03	107.86	-49.37	980.25	-8,228.10	6,373.10	6,223.21	149.89	42.518		
7,000.00	6,457.40	6,326.40	6,326.40	52.89	109.44	-49.64	980.25	-8,228.10	6,344.06	6,191.78	152.28	41.662		
7,100.00	6,545.60	6,414.60	6,414.60	53.85	110.98	-49.91	980.25	-8,228.10	6,308.85	6,154.21	154.64	40.796		
7,200.00	6,626.13	6,504.87	6,495.13	55.05	112.55	-34.56	980.25	-8,228.10	6,258.32	6,101.24	157.08	39.842		
7,300.00	6,696.49	6,565.49	6,565.49	56.46	113.61	-32.09	980.25	-8,228.10	6,193.87	6,034.88	158.99	38.957		
7,400.00	6,754.56	6,623.56	6,623.56	58.05	114.63	-32.16	980.25	-8,228.10	6,117.43	5,956.62	160.81	38.041		
7,500.00	6,798.57	6,667.57	6,667.57	59.78	115.39	-35.32	980.25	-8,228.10	6,031.30	5,869.00	162.30	37.161		
7,600.00	6,827.18	6,703.82	6,696.18	61.58	116.03	-44.75	980.25	-8,228.10	5,938.05	5,774.51	163.54	36.310		
7,700.00	6,839.51	6,708.51	6,708.51	63.39	116.11	-75.30	980.25	-8,228.10	5,840.48	5,676.40	164.09	35.594		
7,800.00	6,840.00	6,709.00	6,709.00	65.19	116.12	-90.00	980.25	-8,228.10	5,741.51	5,577.06	164.45	34.913		
7,900.00	6,840.00	6,709.00	6,709.00	67.04	116.12	-90.00	980.25	-8,228.10	5,642.55	5,477.73	164.82	34.235		
8,000.00	6,840.00	6,709.00	6,709.00	68.95	116.12	-90.00	980.25	-8,228.10	5,543.62	5,378.42	165.20	33.556		
8,100.00	6,840.00	6,709.00	6,709.00	70.91	116.12	-90.00	980.25	-8,228.10	5,444.73	5,279.13	165.60	32.878		
8,200.00	6,840.00	6,709.00	6,709.00	72.91	116.12	-90.00	980.25	-8,228.10	5,345.89	5,179.87	166.02	32.201		
8,300.00	6,840.00	6,709.00	6,709.00	74.96	116.12	-90.00	980.25	-8,228.10	5,247.08	5,080.63	166.45	31.523		
8,400.00	6,840.00	6,709.00	6,709.00	77.05	116.12	-90.00	980.25	-8,228.10	5,148.33	4,981.42	166.91	30.846		
8,500.00	6,840.00	6,709.00	6,709.00	79.18	116.12	-90.00	980.25	-8,228.10	5,049.62	4,882.24	167.38	30.169		
8,600.00	6,840.00	6,709.00	6,709.00	81.34	116.12	-90.00	980.25	-8,228.10	4,950.96	4,783.09	167.88	29.492		
8,700.00	6,840.00	6,709.00	6,709.00	83.54	116.12	-90.00	980.25	-8,228.10	4,852.36	4,683.97	168.39	28.816		
8,800.00	6,840.00	6,709.00	6,709.00	85.76	116.12	-90.00	980.25	-8,228.10	4,753.82	4,584.88	168.94	28.140		
8,900.00	6,840.00	6,709.00	6,709.00	88.02	116.12	-90.00	980.25	-8,228.10	4,655.34	4,485.83	169.50	27.464		
9,000.00	6,840.00	6,709.00	6,709.00	90.30	116.12	-90.00	980.25	-8,228.10	4,556.93	4,386.82	170.10	26.790		
9,100.00	6,840.00	6,709.00	6,709.00	92.60	116.12	-90.00	980.25	-8,228.10	4,458.58	4,287.86	170.73	26.115		
9,200.00	6,840.00	6,709.00	6,709.00	94.93	116.12	-90.00	980.25	-8,228.10	4,360.31	4,188.93	171.38	25.442		
9,300.00	6,840.00	6,709.00	6,709.00	97.28	116.12	-90.00	980.25	-8,228.10	4,262.13	4,090.05	172.07	24.769		
9,400.00	6,840.00	6,709.00	6,709.00	99.65	116.12	-90.00	980.25	-8,228.10	4,164.02	3,991.22	172.80	24.097		
9,500.00	6,840.00	6,709.00	6,709.00	102.03	116.12	-90.00	980.25	-8,228.10	4,066.02	3,892.45	173.57	23.426		
9,600.00	6,840.00	6,709.00	6,709.00	104.43	116.12	-90.00	980.25	-8,228.10	3,968.11	3,793.73	174.37	22.756		
9,700.00	6,840.00	6,709.00	6,709.00	106.85	116.12	-90.00	980.25	-8,228.10	3,870.30	3,695.08	175.23	22.087		
9,800.00	6,840.00	6,709.00	6,709.00	109.29	116.12	-90.00	980.25	-8,228.10	3,772.62	3,596.49	176.13	21.420		
9,900.00	6,840.00	6,709.00	6,709.00	111.73	116.12	-90.00	980.25	-8,228.10	3,675.05	3,497.97	177.08	20.753		
10,000.00	6,840.00	6,709.00	6,709.00	114.19	116.12	-90.00	980.25	-8,228.10	3,577.63	3,399.54	178.09	20.089		
10,100.00	6,840.00	6,709.00	6,709.00	116.66	116.12	-90.00	980.25	-8,228.10	3,480.34	3,301.18	179.16	19.426		
10,200.00	6,840.00	6,709.00	6,709.00	119.15	116.12	-90.00	980.25	-8,228.10	3,383.22	3,202.92	180.30	18.765		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	116.12	-90.00	980.25	-8,228.10	3,286.27	3,104.76	181.51	18.105		
10,400.00	6,840.00	6,709.00	6,709.00	124.14	116.12	-90.00	980.25	-8,228.10	3,189.51	3,006.71	182.79	17.449		
10,500.00	6,840.00	6,709.00	6,709.00	126.65	116.12	-90.00	980.25	-8,228.10	3,092.95	2,908.78	184.17	16.794		
10,600.00	6,840.00	6,709.00	6,709.00	129.18	116.12	-90.00	980.25	-8,228.10	2,996.62	2,810.98	185.63	16.143		
10,700.00	6,840.00	6,709.00	6,709.00	131.70	116.12	-90.00	980.25	-8,228.10	2,900.53	2,713.33	187.20	15.494		
10,800.00	6,840.00	6,709.00	6,709.00	134.24	116.12	-90.00	980.25	-8,228.10	2,804.73	2,615.85	188.88	14.849		
10,900.00	6,840.00	6,709.00	6,709.00	136.79	116.12	-90.00	980.25	-8,228.10	2,709.22	2,518.54	190.68	14.208		
11,000.00	6,840.00	6,709.00	6,709.00	139.34	116.12	-90.00	980.25	-8,228.10	2,614.05	2,421.43	192.62	13.571		
11,100.00	6,840.00	6,709.00	6,709.00	141.90	116.12	-90.00	980.25	-8,228.10	2,519.25	2,324.55	194.71	12.939		
11,200.00	6,840.00	6,709.00	6,709.00	144.46	116.12	-90.00	980.25	-8,228.10	2,424.88	2,227.92	196.96	12.312		
11,300.00	6,840.00	6,709.00	6,709.00	147.03	116.12	-90.00	980.25	-8,228.10	2,330.97	2,131.57	199.39	11.690		
11,400.00	6,840.00	6,709.00	6,709.00	149.60	116.12	-90.00	980.25	-8,228.10	2,237.59	2,035.56	202.03	11.076		
11,500.00	6,840.00	6,709.00	6,709.00	152.18	116.12	-90.00	980.25	-8,228.10	2,144.80	1,939.91	204.89	10.468		
11,600.00	6,840.00	6,709.00	6,709.00	154.77	116.12	-90.00	980.25	-8,228.10	2,052.70	1,844.70	208.00	9.869		
11,700.00	6,840.00	6,709.00	6,709.00	157.36	116.12	-90.00	980.25	-8,228.10	1,961.36	1,749.98	211.38	9.279		
11,800.00	6,840.00	6,709.00	6,709.00	159.95	116.12	-90.00	980.25	-8,228.10	1,870.92	1,655.84	215.08	8.699		
11,900.00	6,840.00	6,709.00	6,709.00	162.55	116.12	-90.00	980.25	-8,228.10	1,781.49	1,562.37	219.12	8.130		
12,000.00	6,840.00	6,709.00	6,709.00	165.16	116.12	-90.00	980.25	-8,228.10	1,693.25	1,469.71	223.54	7.575		
12,100.00	6,840.00	6,709.00	6,709.00	167.76	116.12	-90.00	980.25	-8,228.10	1,606.39	1,378.01	228.38	7.034		
12,200.00	6,840.00	6,709.00	6,709.00	170.37	116.12	-90.00	980.25	-8,228.10	1,521.14	1,287.45	233.69	6.509		
12,300.00	6,840.00	6,709.00	6,709.00	172.99	116.12	-90.00	980.25	-8,228.10	1,437.79	1,198.29	239.50	6.003		
12,400.00	6,840.00	6,709.00	6,709.00	175.60	116.12	-90.00	980.25	-8,228.10	1,356.70	1,110.85	245.85	5.518		
12,500.00	6,840.00	6,709.00	6,709.00	178.23	116.12	-90.00	980.25	-8,228.10	1,278.29	1,025.52	252.77	5.057		
12,600.00	6,840.00	6,709.00	6,709.00	180.85	116.12	-90.00	980.25	-8,228.10	1,203.08	942.82	260.26	4.623		
12,700.00	6,840.00	6,709.00	6,709.00	183.47	116.12	-90.00	980.25	-8,228.10	1,131.72	863.43	268.29	4.218		
12,800.00	6,840.00	6,709.00	6,709.00	186.10	116.12	-90.00	980.25	-8,228.10	1,064.98	788.22	276.75	3.848		
12,900.00	6,840.00	6,709.00	6,709.00	188.74	116.12	-90.00	980.25	-8,228.10	1,003.77	718.29	285.48	3.516		
13,000.00	6,840.00	6,709.00	6,709.00	191.37	116.12	-90.00	980.25	-8,228.10	949.18	655.02	294.16	3.227		
13,100.00	6,840.00	6,709.00	6,709.00	194.01	116.12	-90.00	980.25	-8,228.10	902.40	600.05	302.36	2.985		
13,200.00	6,840.00	6,709.00	6,709.00	196.65	116.12	-90.00	980.25	-8,228.10	864.70	555.23	309.48	2.794		
13,300.00	6,840.00	6,709.00	6,709.00	199.29	116.12	-90.00	980.25	-8,228.10	837.31	522.45	314.86	2.659		
13,400.00	6,840.00	6,709.00	6,709.00	201.93	116.12	-90.00	980.25	-8,228.10	821.27	503.39	317.87	2.584		
13,483.08	6,840.00	6,709.00	6,709.00	204.13	116.12	-90.00	980.25	-8,228.10	817.05	498.79	318.26	2.567	CC, ES, SF	
13,500.00	6,840.00	6,709.00	6,709.00	204.58	116.12	-90.00	980.25	-8,228.10	817.23	499.14	318.09	2.569		
13,600.00	6,840.00	6,709.00	6,709.00	207.22	116.12	-90.00	980.25	-8,228.10	825.38	509.95	315.42	2.617		
13,700.00	6,840.00	6,709.00	6,709.00	209.87	116.12	-90.00	980.25	-8,228.10	845.36	535.21	310.15	2.726		
13,800.00	6,840.00	6,709.00	6,709.00	212.52	116.12	-90.00	980.25	-8,228.10	876.37	573.53	302.83	2.894		
13,900.00	6,840.00	6,709.00	6,709.00	215.18	116.12	-90.00	980.25	-8,228.10	917.28	623.12	294.16	3.118		
14,000.00	6,840.00	6,709.00	6,709.00	217.83	116.12	-90.00	980.25	-8,228.10	966.84	682.04	284.80	3.395		
14,100.00	6,840.00	6,709.00	6,709.00	220.49	116.12	-90.00	980.25	-8,228.10	1,023.80	748.53	275.28	3.719		
14,200.00	6,840.00	6,709.00	6,709.00	223.15	116.12	-90.00	980.25	-8,228.10	1,086.99	821.02	265.97	4.087		
14,300.00	6,840.00	6,709.00	6,709.00	225.81	116.12	-90.00	980.25	-8,228.10	1,155.40	898.27	257.13	4.493		
14,400.00	6,840.00	6,709.00	6,709.00	228.47	116.12	-90.00	980.25	-8,228.10	1,228.14	979.26	248.87	4.935		
14,500.00	6,840.00	6,709.00	6,709.00	231.13	116.12	-90.00	980.25	-8,228.10	1,304.50	1,063.23	241.26	5.407		
14,600.00	6,840.00	6,709.00	6,709.00	233.79	116.12	-90.00	980.25	-8,228.10	1,383.87	1,149.57	234.30	5.906		
14,700.00	6,840.00	6,709.00	6,709.00	236.46	116.12	-90.00	980.25	-8,228.10	1,465.77	1,237.81	227.96	6.430		
14,800.00	6,840.00	6,709.00	6,709.00	239.12	116.12	-90.00	980.25	-8,228.10	1,549.79	1,327.59	222.21	6.975		
14,900.00	6,840.00	6,709.00	6,709.00	241.79	116.12	-90.00	980.25	-8,228.10	1,635.62	1,418.63	216.99	7.538		
15,000.00	6,840.00	6,709.00	6,709.00	244.46	116.12	-90.00	980.25	-8,228.10	1,722.97	1,510.71	212.26	8.117		
15,100.00	6,840.00	6,709.00	6,709.00	247.13	116.12	-90.00	980.25	-8,228.10	1,811.63	1,603.67	207.97	8.711		
15,200.00	6,840.00	6,709.00	6,709.00	249.80	116.12	-90.00	980.25	-8,228.10	1,901.42	1,697.35	204.07	9.317		
15,300.00	6,840.00	6,709.00	6,709.00	252.47	116.12	-90.00	980.25	-8,228.10	1,992.18	1,791.65	200.53	9.935		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	255.15	116.12	-90.00	980.25	-8,228.10	2,083.79	1,886.48	197.31	10.561		
15,500.00	6,840.00	6,709.00	6,709.00	257.82	116.12	-90.00	980.25	-8,228.10	2,176.13	1,981.76	194.37	11.196		
15,600.00	6,840.00	6,709.00	6,709.00	260.50	116.12	-90.00	980.25	-8,228.10	2,269.13	2,077.44	191.69	11.837		
15,700.00	6,840.00	6,709.00	6,709.00	263.17	116.12	-90.00	980.25	-8,228.10	2,362.69	2,173.45	189.24	12.485		
15,800.00	6,840.00	6,709.00	6,709.00	265.85	116.12	-90.00	980.25	-8,228.10	2,456.77	2,269.77	187.00	13.138		
15,900.00	6,840.00	6,709.00	6,709.00	268.53	116.12	-90.00	980.25	-8,228.10	2,551.29	2,366.35	184.94	13.795		
16,000.00	6,840.00	6,709.00	6,709.00	271.20	116.12	-90.00	980.25	-8,228.10	2,646.22	2,463.17	183.05	14.456		
16,100.00	6,840.00	6,709.00	6,709.00	273.88	116.12	-90.00	980.25	-8,228.10	2,741.51	2,560.19	181.32	15.120		
16,200.00	6,840.00	6,709.00	6,709.00	276.56	116.12	-90.00	980.25	-8,228.10	2,837.12	2,657.40	179.72	15.786		
16,300.00	6,840.00	6,709.00	6,709.00	279.25	116.12	-90.00	980.25	-8,228.10	2,933.02	2,754.77	178.25	16.455		
16,400.00	6,840.00	6,709.00	6,709.00	281.93	116.12	-90.00	980.25	-8,228.10	3,029.19	2,852.30	176.89	17.125		
16,500.00	6,840.00	6,709.00	6,709.00	284.61	116.12	-90.00	980.25	-8,228.10	3,125.60	2,949.97	175.64	17.796		
16,600.00	6,840.00	6,709.00	6,709.00	287.29	116.12	-90.00	980.25	-8,228.10	3,222.23	3,047.75	174.48	18.468		
16,700.00	6,840.00	6,709.00	6,709.00	289.98	116.12	-90.00	980.25	-8,228.10	3,319.06	3,145.65	173.41	19.140		
16,800.00	6,840.00	6,709.00	6,709.00	292.66	116.12	-90.00	980.25	-8,228.10	3,416.07	3,243.66	172.41	19.813		
16,900.00	6,840.00	6,709.00	6,709.00	295.35	116.12	-90.00	980.25	-8,228.10	3,513.25	3,341.76	171.49	20.486		
17,000.00	6,840.00	6,709.00	6,709.00	298.03	116.12	-90.00	980.25	-8,228.10	3,610.58	3,439.94	170.64	21.159		
17,100.00	6,840.00	6,709.00	6,709.00	300.72	116.12	-90.00	980.25	-8,228.10	3,708.06	3,538.21	169.85	21.831		
17,200.00	6,840.00	6,709.00	6,709.00	303.41	116.12	-90.00	980.25	-8,228.10	3,805.67	3,636.55	169.12	22.503		
17,300.00	6,840.00	6,709.00	6,709.00	306.09	116.12	-90.00	980.25	-8,228.10	3,903.39	3,734.96	168.43	23.175		
17,400.00	6,840.00	6,709.00	6,709.00	308.78	116.12	-90.00	980.25	-8,228.10	4,001.23	3,833.43	167.80	23.845		
17,500.00	6,840.00	6,709.00	6,709.00	311.47	116.12	-90.00	980.25	-8,228.10	4,099.18	3,931.97	167.21	24.515		
17,600.00	6,840.00	6,709.00	6,709.00	314.16	116.12	-90.00	980.25	-8,228.10	4,197.22	4,030.56	166.66	25.184		
17,700.00	6,840.00	6,709.00	6,709.00	316.85	116.12	-90.00	980.25	-8,228.10	4,295.35	4,129.20	166.15	25.852		
17,800.00	6,840.00	6,709.00	6,709.00	319.54	116.12	-90.00	980.25	-8,228.10	4,393.56	4,227.89	165.68	26.519		
17,900.00	6,840.00	6,709.00	6,709.00	322.23	116.12	-90.00	980.25	-8,228.10	4,491.86	4,326.62	165.24	27.185		
18,000.00	6,840.00	6,709.00	6,709.00	324.92	116.12	-90.00	980.25	-8,228.10	4,590.22	4,425.40	164.82	27.849		
18,100.00	6,840.00	6,709.00	6,709.00	327.62	116.12	-90.00	980.25	-8,228.10	4,688.66	4,524.22	164.44	28.512		
18,200.00	6,840.00	6,709.00	6,709.00	330.31	116.12	-90.00	980.25	-8,228.10	4,787.16	4,623.08	164.09	29.174		
18,300.00	6,840.00	6,709.00	6,709.00	333.00	116.12	-90.00	980.25	-8,228.10	4,885.73	4,721.97	163.76	29.835		
18,400.00	6,840.00	6,709.00	6,709.00	335.70	116.12	-90.00	980.25	-8,228.10	4,984.35	4,820.90	163.45	30.495		
18,500.00	6,840.00	6,709.00	6,709.00	338.39	116.12	-90.00	980.25	-8,228.10	5,083.02	4,919.85	163.16	31.153		
18,600.00	6,840.00	6,709.00	6,709.00	341.08	116.12	-90.00	980.25	-8,228.10	5,181.74	5,018.84	162.90	31.809		
18,700.00	6,840.00	6,709.00	6,709.00	343.78	116.12	-90.00	980.25	-8,228.10	5,280.52	5,117.86	162.65	32.465		
18,800.00	6,840.00	6,709.00	6,709.00	346.47	116.12	-90.00	980.25	-8,228.10	5,379.33	5,216.91	162.43	33.119		
18,900.00	6,840.00	6,709.00	6,709.00	349.17	116.12	-90.00	980.25	-8,228.10	5,478.20	5,315.98	162.21	33.771		
19,000.00	6,840.00	6,709.00	6,709.00	351.86	116.12	-90.00	980.25	-8,228.10	5,577.10	5,415.08	162.02	34.423		
19,100.00	6,840.00	6,709.00	6,709.00	354.56	116.12	-90.00	980.25	-8,228.10	5,676.04	5,514.20	161.84	35.073		
19,200.00	6,840.00	6,709.00	6,709.00	357.26	116.12	-90.00	980.25	-8,228.10	5,775.01	5,613.34	161.67	35.721		
19,300.00	6,840.00	6,709.00	6,709.00	359.95	116.12	-90.00	980.25	-8,228.10	5,874.02	5,712.51	161.52	36.368		
19,400.00	6,840.00	6,709.00	6,709.00	362.65	116.12	-90.00	980.25	-8,228.10	5,973.07	5,811.69	161.37	37.014		
19,500.00	6,840.00	6,709.00	6,709.00	365.35	116.12	-90.00	980.25	-8,228.10	6,072.14	5,910.90	161.24	37.658		
19,600.00	6,840.00	6,709.00	6,709.00	368.05	116.12	-90.00	980.25	-8,228.10	6,171.25	6,010.13	161.12	38.301		
19,700.00	6,840.00	6,709.00	6,709.00	370.74	116.12	-90.00	980.25	-8,228.10	6,270.38	6,109.37	161.01	38.943		
19,800.00	6,840.00	6,709.00	6,709.00	373.44	116.12	-90.00	980.25	-8,228.10	6,369.54	6,208.63	160.92	39.583		
19,900.00	6,840.00	6,709.00	6,709.00	376.14	116.12	-90.00	980.25	-8,228.10	6,468.73	6,307.90	160.83	40.222		
20,000.00	6,840.00	6,709.00	6,709.00	378.84	116.12	-90.00	980.25	-8,228.10	6,567.94	6,407.20	160.74	40.860		
20,100.00	6,840.00	6,709.00	6,709.00	381.54	116.12	-90.00	980.25	-8,228.10	6,667.18	6,506.51	160.67	41.496		
20,200.00	6,840.00	6,709.00	6,709.00	384.24	116.12	-90.00	980.25	-8,228.10	6,766.43	6,605.83	160.61	42.131		
20,300.00	6,840.00	6,709.00	6,709.00	386.94	116.12	-90.00	980.25	-8,228.10	6,865.71	6,705.17	160.55	42.765		
20,400.00	6,840.00	6,709.00	6,709.00	389.64	116.12	-90.00	980.25	-8,228.10	6,965.01	6,804.52	160.50	43.397		
20,500.00	6,840.00	6,709.00	6,709.00	392.34	116.12	-90.00	980.25	-8,228.10	7,064.33	6,903.88	160.45	44.028		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 26-6 - 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	395.04	116.12	-90.00	980.25	-8,228.10	7,163.67	7,003.26	160.41	44.658	
20,609.76	6,840.00	6,709.00	6,709.00	395.31	116.12	-90.00	980.25	-8,228.10	7,173.36	7,012.95	160.41	44.719	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-74.66	1,733.79	-6,319.59	6,554.24					
100.00	100.00	0.00	0.00	0.13	0.00	-74.66	1,733.79	-6,319.59	6,553.14	6,553.01	0.13	N/A		
143.83	143.83	22.16	22.16	0.29	0.02	-74.66	1,733.80	-6,319.58	6,553.11	6,552.79	0.31	N/A		
200.00	200.00	79.15	79.15	0.49	0.07	-74.66	1,733.85	-6,319.56	6,553.10	6,552.53	0.57	N/A		
300.00	300.00	192.60	192.60	0.85	0.22	-74.65	1,734.14	-6,319.36	6,553.00	6,551.93	1.07	6,142.801		
400.00	400.00	293.32	293.31	1.21	0.31	-74.65	1,734.47	-6,319.02	6,552.76	6,551.25	1.51	4,331.226		
500.00	499.98	390.57	390.57	1.57	0.38	-25.41	1,734.68	-6,318.75	6,550.97	6,549.04	1.93	3,389.694		
600.00	599.84	559.81	559.80	1.93	0.48	-25.48	1,734.90	-6,317.23	6,545.33	6,542.94	2.39	2,739.669		
700.00	699.45	663.85	663.83	2.29	0.53	-25.59	1,734.88	-6,315.83	6,536.16	6,533.36	2.80	2,330.521		
800.00	798.70	765.97	765.94	2.67	0.58	-25.75	1,734.91	-6,314.40	6,523.83	6,520.61	3.22	2,026.284		
900.00	897.47	863.46	863.42	3.07	0.63	-25.94	1,734.74	-6,313.06	6,508.36	6,504.72	3.64	1,790.255		
1,000.00	995.62	958.94	958.89	3.50	0.67	-26.18	1,734.60	-6,311.78	6,489.85	6,485.79	4.06	1,600.394		
1,100.00	1,093.06	1,046.33	1,046.28	3.97	0.71	-26.45	1,734.26	-6,310.72	6,468.34	6,463.86	4.48	1,444.328		
1,200.00	1,189.64	1,135.52	1,135.46	4.47	0.75	-26.77	1,734.09	-6,309.79	6,444.00	6,439.09	4.91	1,311.882		
1,300.00	1,285.27	1,228.05	1,227.98	5.01	0.79	-27.14	1,733.77	-6,308.83	6,416.65	6,411.29	5.36	1,197.512		
1,400.00	1,379.82	1,300.00	1,299.93	5.61	0.81	-27.53	1,733.51	-6,308.28	6,386.59	6,380.78	5.81	1,099.185		
1,500.00	1,473.17	1,395.08	1,395.01	6.25	0.85	-28.01	1,733.34	-6,307.66	6,353.79	6,347.50	6.28	1,011.008		
1,600.00	1,565.21	1,473.13	1,473.06	6.96	0.88	-28.51	1,733.28	-6,307.20	6,318.21	6,311.44	6.77	933.262		
1,700.00	1,656.01	1,556.80	1,556.73	7.72	0.91	-28.88	1,733.14	-6,306.90	6,280.32	6,273.04	7.27	863.296		
1,800.00	1,746.60	1,654.83	1,654.76	8.50	0.95	-29.08	1,733.16	-6,306.50	6,242.11	6,234.32	7.79	801.389		
1,900.00	1,837.19	1,740.42	1,740.34	9.30	0.98	-29.25	1,733.24	-6,306.02	6,203.83	6,195.52	8.31	746.795		
2,000.00	1,927.79	1,811.16	1,811.08	10.12	1.00	-29.39	1,733.61	-6,305.76	6,165.86	6,157.04	8.83	698.465		
2,100.00	2,018.38	1,888.44	1,888.35	10.93	1.02	-29.54	1,734.55	-6,305.55	6,128.19	6,118.84	9.36	655.017		
2,200.00	2,108.97	1,966.29	1,966.19	11.76	1.04	-29.70	1,735.87	-6,305.42	6,090.77	6,080.88	9.89	615.895		
2,300.00	2,199.56	2,033.58	2,033.48	12.59	1.05	-29.83	1,736.95	-6,305.50	6,053.65	6,043.22	10.43	580.495		
2,400.00	2,290.15	2,100.00	2,099.89	13.43	1.06	-29.96	1,738.02	-6,305.95	6,017.03	6,006.06	10.97	548.360		
2,500.00	2,380.75	2,177.50	2,177.38	14.26	1.07	-30.12	1,739.11	-6,306.76	5,980.78	5,969.26	11.52	519.168		
2,600.00	2,471.34	2,275.23	2,275.10	15.11	1.08	-30.33	1,739.89	-6,307.91	5,944.60	5,932.53	12.07	492.637		
2,700.00	2,561.93	2,345.16	2,345.02	15.95	1.09	-30.49	1,739.96	-6,308.86	5,908.51	5,895.88	12.63	467.936		
2,800.00	2,652.52	2,406.67	2,406.52	16.80	1.09	-30.63	1,739.90	-6,310.05	5,872.95	5,859.76	13.20	445.079		
2,900.00	2,743.12	2,484.12	2,483.95	17.64	1.10	-30.81	1,739.84	-6,311.83	5,837.80	5,824.03	13.77	424.056		
3,000.00	2,833.71	2,558.21	2,558.01	18.49	1.11	-30.98	1,739.79	-6,313.73	5,802.96	5,788.61	14.34	404.540		
3,100.00	2,924.30	2,643.17	2,642.93	19.35	1.11	-31.19	1,739.51	-6,316.19	5,768.43	5,753.51	14.93	386.475		
3,200.00	3,014.89	2,755.86	2,755.58	20.20	1.12	-31.46	1,739.75	-6,319.16	5,733.87	5,718.37	15.50	369.830		
3,300.00	3,105.48	2,869.45	2,869.15	21.05	1.14	-31.73	1,740.20	-6,321.58	5,698.95	5,682.86	16.09	354.284		
3,400.00	3,196.08	3,109.02	3,108.71	21.91	1.15	-32.32	1,739.64	-6,323.04	5,662.42	5,645.80	16.62	340.629		
3,500.00	3,286.67	3,217.82	3,217.50	22.76	1.18	-32.58	1,739.72	-6,322.12	5,624.95	5,607.72	17.23	326.536		
3,600.00	3,377.26	3,299.49	3,299.17	23.62	1.21	-32.79	1,739.72	-6,321.41	5,587.52	5,569.68	17.84	313.212		
3,700.00	3,467.85	3,366.91	3,366.59	24.47	1.21	-32.96	1,739.46	-6,321.06	5,550.42	5,531.97	18.46	300.741		
3,800.00	3,558.45	3,436.54	3,436.22	25.33	1.22	-33.15	1,738.86	-6,321.04	5,513.78	5,494.70	19.08	289.011		
3,900.00	3,649.04	3,508.14	3,507.80	26.19	1.23	-33.34	1,738.12	-6,321.30	5,477.53	5,457.83	19.71	277.971		
4,000.00	3,739.63	3,577.30	3,576.96	27.05	1.24	-33.53	1,737.35	-6,321.82	5,441.72	5,421.38	20.34	267.566		
4,100.00	3,830.22	3,705.97	3,705.62	27.90	1.25	-33.89	1,736.48	-6,322.65	5,406.03	5,385.08	20.94	258.124		
4,200.00	3,920.81	3,784.88	3,784.53	28.76	1.26	-34.10	1,736.48	-6,322.80	5,370.07	5,348.49	21.58	248.886		
4,300.00	4,011.41	3,855.16	3,854.81	29.62	1.27	-34.29	1,736.46	-6,323.11	5,334.43	5,312.21	22.22	240.073		
4,400.00	4,102.00	3,900.00	3,899.65	30.48	1.27	-34.42	1,736.38	-6,323.48	5,299.34	5,276.46	22.88	231.575		
4,500.00	4,192.59	3,966.34	3,965.98	31.34	1.28	-34.60	1,736.30	-6,324.48	5,264.89	5,241.35	23.54	223.637		
4,600.00	4,283.18	4,016.74	4,016.37	32.20	1.29	-34.74	1,736.35	-6,325.68	5,231.31	5,207.10	24.21	216.037		
4,700.00	4,373.78	4,068.41	4,068.01	33.06	1.29	-34.89	1,736.45	-6,327.31	5,198.54	5,173.64	24.89	208.837		
4,800.00	4,464.37	4,124.40	4,123.96	33.92	1.30	-35.05	1,736.61	-6,329.51	5,166.56	5,140.98	25.57	202.024		
4,900.00	4,554.96	4,187.00	4,186.50	34.78	1.31	-35.23	1,736.95	-6,332.31	5,135.24	5,108.98	26.26	195.576		
5,000.00	4,645.55	4,266.37	4,265.77	35.64	1.32	-35.46	1,737.86	-6,336.17	5,104.44	5,077.50	26.94	189.505		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,367.13	4,366.39	36.51	1.34	-35.74	1,739.53	-6,341.06	5,073.80	5,046.20	27.61	183.790		
5,200.00	4,826.74	4,461.79	4,460.95	37.37	1.35	-36.02	1,740.16	-6,345.58	5,043.08	5,014.79	28.29	178.268		
5,300.00	4,917.33	5,300.00	4,675.34	38.23	1.46	-36.66	1,741.73	-6,353.17	5,011.32	4,982.34	28.98	172.903		
5,400.00	5,007.92	4,792.36	4,791.31	39.09	1.40	-37.04	1,739.75	-6,355.57	4,978.06	4,948.47	29.59	168.241		
5,500.00	5,098.51	4,985.23	4,984.11	39.95	1.43	-37.71	1,734.85	-6,357.49	4,943.80	4,913.57	30.23	163.519		
5,600.00	5,189.11	5,085.87	5,084.72	40.81	1.44	-38.06	1,732.96	-6,357.39	4,908.91	4,877.97	30.94	158.673		
5,700.00	5,279.70	5,171.78	5,170.63	41.68	1.46	-38.35	1,731.66	-6,357.22	4,874.12	4,842.46	31.66	153.971		
5,800.00	5,370.29	5,261.47	5,260.30	42.54	1.47	-38.67	1,730.31	-6,357.13	4,839.53	4,807.15	32.38	149.468		
5,900.00	5,460.88	5,347.43	5,346.26	43.40	1.49	-38.97	1,729.09	-6,357.03	4,805.09	4,771.98	33.11	145.126		
6,000.00	5,551.47	5,429.56	5,428.38	44.26	1.50	-39.26	1,728.11	-6,357.05	4,770.94	4,737.09	33.85	140.943		
6,100.00	5,642.07	5,517.04	5,515.86	45.13	1.52	-39.57	1,727.26	-6,357.20	4,737.06	4,702.47	34.59	136.940		
6,200.00	5,732.66	5,621.52	5,620.32	45.99	1.54	-39.96	1,725.78	-6,357.20	4,703.16	4,667.83	35.33	133.127		
6,300.00	5,823.25	5,726.23	5,725.03	46.85	1.56	-40.34	1,724.73	-6,357.00	4,669.27	4,633.21	36.07	129.459		
6,400.00	5,913.84	5,856.50	5,855.28	47.72	1.58	-40.82	1,723.74	-6,355.62	4,634.69	4,597.91	36.79	125.987		
6,500.00	6,004.44	5,970.18	5,968.95	48.58	1.59	-41.25	1,722.76	-6,353.91	4,599.94	4,562.41	37.53	122.570		
6,600.00	6,095.03	6,101.40	6,100.13	49.44	1.62	-41.75	1,721.94	-6,350.88	4,564.62	4,526.36	38.26	119.310		
6,700.00	6,185.62	6,170.21	6,168.92	50.30	1.63	-42.02	1,721.68	-6,349.14	4,529.26	4,490.20	39.06	115.966		
6,800.00	6,276.21	6,247.55	6,246.24	51.17	1.64	-42.32	1,721.52	-6,347.48	4,494.41	4,454.55	39.85	112.773		
6,900.00	6,366.80	6,328.12	6,326.80	52.03	1.65	-42.63	1,721.70	-6,345.90	4,459.88	4,419.23	40.65	109.706		
7,000.00	6,457.40	6,404.67	6,403.33	52.89	1.66	-42.93	1,722.00	-6,344.60	4,425.78	4,384.31	41.46	106.737		
7,100.00	6,545.60	6,486.61	6,485.27	53.85	1.67	-33.19	1,722.34	-6,343.39	4,385.79	4,343.51	42.28	103.731		
7,200.00	6,626.13	6,554.93	6,553.58	55.05	1.68	-26.72	1,722.64	-6,342.51	4,330.92	4,287.83	43.09	100.502		
7,300.00	6,696.49	6,616.08	6,614.73	56.46	1.69	-23.02	1,722.96	-6,341.89	4,262.69	4,218.84	43.85	97.216		
7,400.00	6,754.56	6,673.60	6,672.24	58.05	1.70	-21.06	1,723.29	-6,341.35	4,182.95	4,138.45	44.50	94.002		
7,500.00	6,798.57	6,715.33	6,713.96	59.78	1.70	-20.46	1,723.54	-6,340.95	4,094.04	4,049.02	45.02	90.934		
7,600.00	6,827.18	6,740.57	6,739.21	61.58	1.71	-21.91	1,723.64	-6,340.73	3,998.63	3,953.24	45.39	88.094		
7,700.00	6,839.51	6,751.05	6,749.69	63.39	1.71	-42.09	1,723.67	-6,340.64	3,899.56	3,853.98	45.58	85.548		
7,800.00	6,840.00	6,750.75	6,749.39	65.19	1.71	-115.64	1,723.67	-6,340.65	3,799.59	3,753.94	45.65	83.242		
7,900.00	6,840.00	6,750.00	6,748.63	67.04	1.71	-115.10	1,723.67	-6,340.65	3,699.61	3,653.90	45.70	80.947		
8,000.00	6,840.00	6,749.24	6,747.88	68.95	1.71	-114.56	1,723.66	-6,340.66	3,599.63	3,553.86	45.77	78.653		
8,100.00	6,840.00	6,748.48	6,747.12	70.91	1.71	-114.00	1,723.66	-6,340.67	3,499.65	3,453.81	45.83	76.359		
8,200.00	6,840.00	6,747.72	6,746.36	72.91	1.71	-113.44	1,723.66	-6,340.67	3,399.67	3,353.77	45.90	74.066		
8,300.00	6,840.00	6,746.96	6,745.59	74.96	1.71	-112.88	1,723.66	-6,340.68	3,299.69	3,253.72	45.97	71.773		
8,400.00	6,840.00	6,746.19	6,744.83	77.05	1.71	-112.30	1,723.66	-6,340.69	3,199.71	3,153.66	46.05	69.482		
8,500.00	6,840.00	6,745.42	6,744.05	79.18	1.71	-111.72	1,723.65	-6,340.69	3,099.74	3,053.61	46.13	67.192		
8,600.00	6,840.00	6,744.64	6,743.28	81.34	1.71	-111.13	1,723.65	-6,340.70	2,999.77	2,953.55	46.22	64.903		
8,700.00	6,840.00	6,743.86	6,742.50	83.54	1.71	-110.54	1,723.65	-6,340.70	2,899.79	2,853.48	46.31	62.615		
8,800.00	6,840.00	6,743.08	6,741.72	85.76	1.71	-109.93	1,723.65	-6,340.71	2,799.82	2,753.41	46.41	60.328		
8,900.00	6,840.00	6,742.30	6,740.93	88.02	1.71	-109.32	1,723.65	-6,340.72	2,699.86	2,653.34	46.51	58.043		
9,000.00	6,840.00	6,741.51	6,740.14	90.30	1.71	-108.70	1,723.64	-6,340.72	2,599.89	2,553.26	46.63	55.760		
9,100.00	6,840.00	6,740.71	6,739.35	92.60	1.71	-108.08	1,723.64	-6,340.73	2,499.93	2,453.18	46.75	53.478		
9,200.00	6,840.00	6,739.92	6,738.56	94.93	1.71	-107.44	1,723.64	-6,340.74	2,399.97	2,353.09	46.88	51.197		
9,300.00	6,840.00	6,739.12	6,737.76	97.28	1.71	-106.80	1,723.63	-6,340.74	2,300.01	2,252.99	47.02	48.919		
9,400.00	6,840.00	6,738.32	6,736.95	99.65	1.71	-106.16	1,723.63	-6,340.75	2,200.05	2,152.89	47.17	46.643		
9,500.00	6,840.00	6,737.51	6,736.15	102.03	1.71	-105.50	1,723.63	-6,340.76	2,100.10	2,052.77	47.33	44.368		
9,600.00	6,840.00	6,736.70	6,735.33	104.43	1.71	-104.84	1,723.63	-6,340.77	2,000.16	1,952.65	47.51	42.097		
9,700.00	6,840.00	6,735.88	6,734.52	106.85	1.71	-104.17	1,723.62	-6,340.77	1,900.22	1,852.51	47.71	39.827		
9,800.00	6,840.00	6,735.06	6,733.70	109.29	1.71	-103.49	1,723.62	-6,340.78	1,800.29	1,752.35	47.93	37.560		
9,900.00	6,840.00	6,734.24	6,732.88	111.73	1.71	-102.81	1,723.62	-6,340.79	1,700.36	1,652.19	48.17	35.296		
10,000.00	6,840.00	6,733.42	6,732.05	114.19	1.71	-102.12	1,723.61	-6,340.79	1,600.44	1,552.00	48.45	33.036		
10,100.00	6,840.00	6,732.59	6,731.22	116.66	1.71	-101.42	1,723.61	-6,340.80	1,500.53	1,451.78	48.75	30.778		
10,200.00	6,840.00	6,731.75	6,730.39	119.15	1.71	-100.72	1,723.61	-6,340.81	1,400.64	1,351.54	49.10	28.524		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,730.92	6,729.55	121.64	1.71	-100.01	1,723.61	-6,340.82	1,300.76	1,251.26	49.51	26.275		
10,400.00	6,840.00	6,730.08	6,728.71	124.14	1.71	-99.30	1,723.60	-6,340.82	1,200.90	1,150.93	49.97	24.030		
10,500.00	6,840.00	6,729.23	6,727.87	126.65	1.71	-98.57	1,723.60	-6,340.83	1,101.07	1,050.54	50.53	21.791		
10,600.00	6,840.00	6,728.38	6,727.02	129.18	1.71	-97.84	1,723.60	-6,340.84	1,001.27	950.07	51.19	19.559		
10,700.00	6,840.00	6,727.53	6,726.17	131.70	1.71	-97.11	1,723.59	-6,340.84	901.51	849.50	52.01	17.334		
10,800.00	6,840.00	6,726.67	6,725.31	134.24	1.70	-96.37	1,723.59	-6,340.85	801.81	748.78	53.03	15.120		
10,900.00	6,840.00	6,725.81	6,724.45	136.79	1.70	-95.63	1,723.58	-6,340.86	702.20	647.84	54.35	12.919		
11,000.00	6,840.00	6,724.95	6,723.58	139.34	1.70	-94.87	1,723.58	-6,340.87	602.71	546.58	56.13	10.738		
11,100.00	6,840.00	6,724.08	6,722.71	141.90	1.70	-94.12	1,723.58	-6,340.88	503.42	444.78	58.64	8.585		
11,200.00	6,840.00	6,723.20	6,721.84	144.46	1.70	-93.36	1,723.57	-6,340.88	404.49	342.05	62.44	6.478		
11,300.00	6,840.00	6,722.33	6,720.96	147.03	1.70	-92.59	1,723.57	-6,340.89	306.24	237.45	68.79	4.452		
11,400.00	6,840.00	6,721.45	6,720.08	149.60	1.70	-91.82	1,723.56	-6,340.90	209.65	128.51	81.14	2.584		
11,500.00	6,840.00	6,720.56	6,719.20	152.18	1.70	-91.05	1,723.56	-6,340.91	118.84	7.57	111.26	1.068	Level 2	
11,599.16	6,840.00	6,719.68	6,718.31	154.75	1.70	-90.28	1,723.56	-6,340.91	65.50	-88.25	153.75	0.426	Level 1, CC, ES, SF	
11,600.00	6,840.00	6,719.67	6,718.31	154.77	1.70	-90.27	1,723.56	-6,340.91	65.50	-87.89	153.40	0.427	Level 1	
11,700.00	6,840.00	6,718.78	6,717.41	157.36	1.70	-89.49	1,723.55	-6,340.92	120.24	51.42	68.82	1.747		
11,800.00	6,840.00	6,717.88	6,716.52	159.95	1.70	-88.70	1,723.55	-6,340.93	211.24	170.24	41.00	5.153		
11,900.00	6,840.00	6,716.97	6,715.61	162.55	1.70	-87.91	1,723.54	-6,340.94	307.87	272.07	35.81	8.599		
12,000.00	6,840.00	6,716.07	6,714.71	165.16	1.70	-87.12	1,723.54	-6,340.95	406.14	370.56	35.58	11.414		
12,100.00	6,840.00	6,715.16	6,713.79	167.76	1.70	-86.33	1,723.53	-6,340.96	505.08	468.73	36.36	13.893		
12,200.00	6,840.00	6,714.24	6,712.88	170.37	1.70	-85.53	1,723.53	-6,340.96	604.37	567.13	37.25	16.226		
12,300.00	6,840.00	6,713.32	6,711.96	172.99	1.70	-84.73	1,723.52	-6,340.97	703.86	665.80	38.06	18.493		
12,400.00	6,840.00	6,712.40	6,711.03	175.60	1.70	-83.93	1,723.52	-6,340.98	803.48	764.71	38.77	20.725		
12,500.00	6,840.00	6,711.47	6,710.10	178.23	1.70	-83.13	1,723.51	-6,340.99	903.18	863.80	39.37	22.938		
12,600.00	6,840.00	6,710.53	6,709.17	180.85	1.70	-82.33	1,723.51	-6,341.00	1,002.94	963.04	39.90	25.138		
12,700.00	6,840.00	6,709.59	6,708.23	183.47	1.70	-81.52	1,723.50	-6,341.01	1,102.74	1,062.39	40.35	27.330		
12,800.00	6,840.00	6,708.65	6,707.29	186.10	1.70	-80.72	1,723.50	-6,341.02	1,202.57	1,161.83	40.75	29.514		
12,900.00	6,840.00	6,707.70	6,706.34	188.74	1.70	-79.92	1,723.49	-6,341.02	1,302.43	1,261.34	41.10	31.692		
13,000.00	6,840.00	6,706.75	6,705.39	191.37	1.70	-79.11	1,723.49	-6,341.03	1,402.31	1,360.90	41.41	33.866		
13,100.00	6,840.00	6,705.79	6,704.43	194.01	1.70	-78.31	1,723.48	-6,341.04	1,502.20	1,460.51	41.69	36.034		
13,200.00	6,840.00	6,704.83	6,703.47	196.65	1.70	-77.51	1,723.48	-6,341.05	1,602.11	1,560.17	41.94	38.197		
13,300.00	6,840.00	6,703.87	6,702.50	199.29	1.70	-76.71	1,723.47	-6,341.06	1,702.03	1,659.85	42.18	40.356		
13,400.00	6,840.00	6,702.89	6,701.53	201.93	1.70	-75.91	1,723.47	-6,341.07	1,801.95	1,759.56	42.39	42.510		
13,500.00	6,840.00	6,701.92	6,700.56	204.58	1.70	-75.11	1,723.46	-6,341.08	1,901.89	1,859.30	42.59	44.660		
13,600.00	6,840.00	6,700.94	6,699.58	207.22	1.70	-74.31	1,723.45	-6,341.09	2,001.83	1,959.06	42.77	46.805		
13,700.00	6,840.00	6,699.95	6,698.59	209.87	1.70	-73.52	1,723.45	-6,341.10	2,101.77	2,058.83	42.94	48.945		
13,800.00	6,840.00	6,699.01	6,697.65	212.52	1.70	-72.77	1,723.44	-6,341.11	2,201.72	2,158.62	43.10	51.081		
13,900.00	6,840.00	6,698.07	6,696.71	215.18	1.70	-72.02	1,723.44	-6,341.11	2,301.67	2,258.42	43.26	53.212		
14,000.00	6,840.00	6,697.12	6,695.76	217.83	1.70	-71.28	1,723.43	-6,341.12	2,401.63	2,358.23	43.40	55.338		
14,100.00	6,840.00	6,696.18	6,694.82	220.49	1.70	-70.55	1,723.42	-6,341.13	2,501.59	2,458.05	43.54	57.459		
14,200.00	6,840.00	6,695.24	6,693.88	223.15	1.70	-69.82	1,723.42	-6,341.14	2,601.55	2,557.88	43.67	59.575		
14,300.00	6,840.00	6,694.29	6,692.93	225.81	1.70	-69.10	1,723.41	-6,341.15	2,701.52	2,657.72	43.79	61.687		
14,400.00	6,840.00	6,693.35	6,691.99	228.47	1.70	-68.39	1,723.41	-6,341.16	2,801.48	2,757.57	43.91	63.793		
14,500.00	6,840.00	6,692.41	6,691.05	231.13	1.70	-67.68	1,723.40	-6,341.17	2,901.45	2,857.42	44.03	65.895		
14,600.00	6,840.00	6,691.46	6,690.10	233.79	1.70	-66.98	1,723.40	-6,341.18	3,001.42	2,957.28	44.14	67.992		
14,700.00	6,840.00	6,690.52	6,689.16	236.46	1.70	-66.29	1,723.39	-6,341.19	3,101.40	3,057.14	44.25	70.083		
14,800.00	6,840.00	6,689.58	6,688.22	239.12	1.70	-65.61	1,723.38	-6,341.19	3,201.37	3,157.01	44.36	72.170		
14,900.00	6,840.00	6,688.64	6,687.28	241.79	1.70	-64.93	1,723.38	-6,341.20	3,301.35	3,256.88	44.46	74.251		
15,000.00	6,840.00	6,687.69	6,686.33	244.46	1.70	-64.26	1,723.37	-6,341.21	3,401.32	3,356.76	44.56	76.327		
15,100.00	6,840.00	6,686.75	6,685.39	247.13	1.70	-63.60	1,723.37	-6,341.22	3,501.30	3,456.64	44.66	78.398		
15,200.00	6,840.00	6,685.81	6,684.45	249.80	1.70	-62.95	1,723.36	-6,341.23	3,601.28	3,556.52	44.76	80.463		
15,300.00	6,840.00	6,684.86	6,683.50	252.47	1.70	-62.30	1,723.35	-6,341.24	3,701.26	3,656.41	44.85	82.523		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,634.99	6,633.63	395.04	1.69	-38.03	1,723.06	-6,341.71	9,000.68	8,951.56	49.12	183.244	
20,609.76	6,840.00	6,634.90	6,633.54	395.31	1.69	-38.00	1,723.06	-6,341.71	9,010.44	8,961.31	49.13	183.413	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	5,271.00	5,160.13	36.51	24.30	-68.08	-2,228.73	-8,941.24	8,353.86	8,297.53	56.33	148.306		
5,200.00	4,826.74	5,311.20	5,200.09	37.37	24.45	-68.22	-2,230.92	-8,937.56	8,330.20	8,272.83	57.37	145.200		
5,300.00	4,917.33	5,365.00	5,253.65	38.23	24.65	-68.39	-2,233.68	-8,933.23	8,307.39	8,248.93	58.46	142.096		
5,400.00	5,007.92	5,383.13	5,271.72	39.09	24.72	-68.45	-2,234.56	-8,931.91	8,285.25	8,225.82	59.43	139.421		
5,500.00	5,098.51	5,429.18	5,317.60	39.95	24.89	-68.60	-2,236.73	-8,928.77	8,263.86	8,203.37	60.49	136.622		
5,600.00	5,189.11	5,460.00	5,348.33	40.81	25.00	-68.70	-2,238.11	-8,926.84	8,243.17	8,181.67	61.50	134.046		
5,700.00	5,279.70	5,521.02	5,409.20	41.68	25.21	-68.90	-2,240.71	-8,923.42	8,223.10	8,160.50	62.60	131.350		
5,800.00	5,370.29	5,554.00	5,442.11	42.54	25.32	-69.00	-2,242.04	-8,921.79	8,203.76	8,140.14	63.62	128.953		
5,900.00	5,460.88	5,614.13	5,502.15	43.40	25.52	-69.19	-2,244.20	-8,919.30	8,185.05	8,120.33	64.72	126.472		
6,000.00	5,551.47	5,649.00	5,536.99	44.26	25.63	-69.30	-2,245.27	-8,918.13	8,167.06	8,101.32	65.73	124.244		
6,100.00	5,642.07	5,706.06	5,594.02	45.13	25.81	-69.47	-2,246.60	-8,916.77	8,149.71	8,082.90	66.81	121.980		
6,200.00	5,732.66	5,755.20	5,643.14	45.99	25.95	-69.62	-2,247.26	-8,916.18	8,133.08	8,065.21	67.86	119.847		
6,300.00	5,823.25	5,818.25	5,706.19	46.85	26.13	-69.80	-2,247.92	-8,915.80	8,117.00	8,048.05	68.95	117.726		
6,400.00	5,913.84	5,947.48	5,835.42	47.72	26.50	-70.17	-2,248.59	-8,915.37	8,101.16	8,030.93	70.23	115.351		
6,500.00	6,004.44	6,005.21	5,893.15	48.58	26.66	-70.34	-2,248.76	-8,915.23	8,085.44	8,014.13	71.30	113.399		
6,600.00	6,095.03	6,092.30	5,980.23	49.44	26.90	-70.59	-2,249.18	-8,915.10	8,070.08	7,997.62	72.46	111.373		
6,700.00	6,185.62	6,176.66	6,064.59	50.30	27.14	-70.84	-2,249.63	-8,914.95	8,054.93	7,981.31	73.61	109.421		
6,800.00	6,276.21	6,253.31	6,141.24	51.17	27.35	-71.06	-2,250.12	-8,914.88	8,040.09	7,965.35	74.74	107.568		
6,900.00	6,366.80	6,331.52	6,219.45	52.03	27.57	-71.29	-2,250.49	-8,915.05	8,025.63	7,949.75	75.87	105.775		
7,000.00	6,457.40	6,421.21	6,309.14	52.89	27.81	-71.55	-2,250.86	-8,915.34	8,011.42	7,934.38	77.04	103.997		
7,100.00	6,545.60	6,510.88	6,398.81	53.85	28.05	-72.67	-2,251.21	-8,915.65	7,991.60	7,913.33	78.27	102.106		
7,200.00	6,626.13	6,603.32	6,491.25	55.05	28.30	-58.10	-2,251.48	-8,915.92	7,957.48	7,877.80	79.67	99.878		
7,300.00	6,696.49	6,664.96	6,552.88	56.46	28.47	-57.25	-2,251.75	-8,916.05	7,910.14	7,829.02	81.13	97.505		
7,400.00	6,754.56	6,727.12	6,615.04	58.05	28.65	-59.51	-2,252.13	-8,916.14	7,851.14	7,768.47	82.67	94.965		
7,500.00	6,798.57	6,779.11	6,667.03	59.78	28.79	-64.84	-2,252.35	-8,916.21	7,782.24	7,698.00	84.24	92.385		
7,600.00	6,827.18	6,809.79	6,697.71	61.58	28.88	-73.59	-2,252.45	-8,916.25	7,705.59	7,619.86	85.73	89.879		
7,700.00	6,839.51	6,822.96	6,710.89	63.39	28.92	-86.15	-2,252.51	-8,916.26	7,623.53	7,536.41	87.12	87.507		
7,800.00	6,840.00	6,823.53	6,711.45	65.19	28.92	-89.72	-2,252.51	-8,916.26	7,539.10	7,450.69	88.41	85.273		
7,900.00	6,840.00	6,823.57	6,711.50	67.04	28.92	-89.72	-2,252.51	-8,916.26	7,454.97	7,365.23	89.74	83.074		
8,000.00	6,840.00	6,823.62	6,711.55	68.95	28.92	-89.72	-2,252.51	-8,916.26	7,371.24	7,280.13	91.11	80.904		
8,100.00	6,840.00	6,823.67	6,711.59	70.91	28.92	-89.73	-2,252.51	-8,916.26	7,287.92	7,195.39	92.53	78.765		
8,200.00	6,840.00	6,823.71	6,711.64	72.91	28.92	-89.73	-2,252.51	-8,916.26	7,205.03	7,111.04	93.99	76.658		
8,300.00	6,840.00	6,823.76	6,711.69	74.96	28.92	-89.73	-2,252.51	-8,916.26	7,122.57	7,027.07	95.50	74.584		
8,400.00	6,840.00	6,823.81	6,711.73	77.05	28.92	-89.73	-2,252.51	-8,916.26	7,040.56	6,943.51	97.05	72.545		
8,500.00	6,840.00	6,823.85	6,711.78	79.18	28.92	-89.73	-2,252.51	-8,916.26	6,959.03	6,860.38	98.65	70.542		
8,600.00	6,840.00	6,823.90	6,711.82	81.34	28.92	-89.73	-2,252.51	-8,916.26	6,877.99	6,777.69	100.30	68.575		
8,700.00	6,840.00	6,823.94	6,711.87	83.54	28.92	-89.73	-2,252.51	-8,916.26	6,797.45	6,695.45	102.00	66.644		
8,800.00	6,840.00	6,823.99	6,711.91	85.76	28.92	-89.73	-2,252.51	-8,916.26	6,717.43	6,613.69	103.74	64.752		
8,900.00	6,840.00	6,824.03	6,711.96	88.02	28.92	-89.73	-2,252.51	-8,916.26	6,637.96	6,532.42	105.54	62.898		
9,000.00	6,840.00	6,824.08	6,712.00	90.30	28.92	-89.73	-2,252.51	-8,916.26	6,559.04	6,451.66	107.38	61.082		
9,100.00	6,840.00	6,824.12	6,712.05	92.60	28.92	-89.73	-2,252.51	-8,916.26	6,480.71	6,371.44	109.28	59.306		
9,200.00	6,840.00	6,824.17	6,712.09	94.93	28.92	-89.73	-2,252.51	-8,916.26	6,402.98	6,291.76	111.22	57.569		
9,300.00	6,840.00	6,824.21	6,712.14	97.28	28.92	-89.73	-2,252.51	-8,916.26	6,325.88	6,212.66	113.22	55.872		
9,400.00	6,840.00	6,824.26	6,712.18	99.65	28.92	-89.73	-2,252.51	-8,916.26	6,249.43	6,134.16	115.27	54.214		
9,500.00	6,840.00	6,824.30	6,712.23	102.03	28.92	-89.73	-2,252.51	-8,916.26	6,173.65	6,056.27	117.38	52.597		
9,600.00	6,840.00	6,824.34	6,712.27	104.43	28.92	-89.74	-2,252.51	-8,916.26	6,098.57	5,979.04	119.53	51.020		
9,700.00	6,840.00	6,824.39	6,712.31	106.85	28.92	-89.74	-2,252.51	-8,916.26	6,024.21	5,902.47	121.74	49.483		
9,800.00	6,840.00	6,824.43	6,712.36	109.29	28.92	-89.74	-2,252.51	-8,916.26	5,950.61	5,826.60	124.01	47.986		
9,900.00	6,840.00	6,824.47	6,712.40	111.73	28.92	-89.74	-2,252.51	-8,916.26	5,877.78	5,751.45	126.33	46.528		
10,000.00	6,840.00	6,824.52	6,712.44	114.19	28.92	-89.74	-2,252.51	-8,916.26	5,805.76	5,677.06	128.70	45.111		
10,100.00	6,840.00	6,824.56	6,712.48	116.66	28.92	-89.74	-2,252.51	-8,916.26	5,734.58	5,603.46	131.13	43.733		
10,200.00	6,840.00	6,824.60	6,712.53	119.15	28.92	-89.74	-2,252.51	-8,916.26	5,664.28	5,530.67	133.61	42.394		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,824.64	6,712.57	121.64	28.92	-89.74	-2,252.51	-8,916.26	5,594.87	5,458.73	136.15	41.095		
10,400.00	6,840.00	6,824.68	6,712.61	124.14	28.92	-89.74	-2,252.51	-8,916.26	5,526.41	5,387.67	138.74	39.834		
10,500.00	6,840.00	6,824.73	6,712.65	126.65	28.92	-89.74	-2,252.51	-8,916.26	5,458.92	5,317.54	141.38	38.612		
10,600.00	6,840.00	6,824.77	6,712.69	129.18	28.92	-89.74	-2,252.51	-8,916.26	5,392.44	5,248.36	144.08	37.427		
10,700.00	6,840.00	6,824.81	6,712.74	131.70	28.92	-89.74	-2,252.51	-8,916.26	5,327.00	5,180.18	146.83	36.281		
10,800.00	6,840.00	6,824.85	6,712.78	134.24	28.92	-89.74	-2,252.51	-8,916.26	5,262.65	5,113.03	149.63	35.172		
10,900.00	6,840.00	6,824.89	6,712.82	136.79	28.92	-89.74	-2,252.51	-8,916.26	5,199.43	5,046.96	152.48	34.100		
11,000.00	6,840.00	6,824.93	6,712.86	139.34	28.92	-89.74	-2,252.52	-8,916.26	5,137.38	4,982.01	155.38	33.064		
11,100.00	6,840.00	6,824.97	6,712.90	141.90	28.92	-89.74	-2,252.52	-8,916.26	5,076.54	4,918.22	158.32	32.065		
11,200.00	6,840.00	6,825.01	6,712.94	144.46	28.93	-89.74	-2,252.52	-8,916.26	5,016.96	4,855.65	161.31	31.101		
11,300.00	6,840.00	6,825.05	6,712.98	147.03	28.93	-89.75	-2,252.52	-8,916.26	4,958.67	4,794.33	164.35	30.172		
11,400.00	6,840.00	6,825.09	6,713.02	149.60	28.93	-89.75	-2,252.52	-8,916.26	4,901.74	4,734.32	167.42	29.278		
11,500.00	6,840.00	6,825.13	6,713.06	152.18	28.93	-89.75	-2,252.52	-8,916.26	4,846.20	4,675.67	170.53	28.418		
11,600.00	6,840.00	6,825.17	6,713.10	154.77	28.93	-89.75	-2,252.52	-8,916.26	4,792.10	4,618.42	173.68	27.592		
11,700.00	6,840.00	6,825.21	6,713.14	157.36	28.93	-89.75	-2,252.52	-8,916.26	4,739.49	4,562.64	176.85	26.799		
11,800.00	6,840.00	6,825.25	6,713.18	159.95	28.93	-89.75	-2,252.52	-8,916.26	4,688.43	4,508.38	180.05	26.039		
11,900.00	6,840.00	6,825.29	6,713.22	162.55	28.93	-89.75	-2,252.52	-8,916.26	4,638.96	4,455.68	183.28	25.311		
12,000.00	6,840.00	6,825.33	6,713.26	165.16	28.93	-89.75	-2,252.52	-8,916.26	4,591.14	4,404.62	186.52	24.615		
12,100.00	6,840.00	6,825.37	6,713.30	167.76	28.93	-89.75	-2,252.52	-8,916.26	4,545.01	4,355.23	189.77	23.950		
12,200.00	6,840.00	6,825.41	6,713.34	170.37	28.93	-89.75	-2,252.52	-8,916.26	4,500.63	4,307.60	193.04	23.315		
12,300.00	6,840.00	6,825.45	6,713.37	172.99	28.93	-89.75	-2,252.52	-8,916.26	4,458.06	4,261.76	196.30	22.711		
12,400.00	6,840.00	6,825.49	6,713.41	175.60	28.93	-89.75	-2,252.52	-8,916.26	4,417.34	4,217.78	199.56	22.136		
12,500.00	6,840.00	6,825.53	6,713.45	178.23	28.93	-89.75	-2,252.52	-8,916.26	4,378.52	4,175.72	202.80	21.590		
12,600.00	6,840.00	6,825.56	6,713.49	180.85	28.93	-89.75	-2,252.52	-8,916.26	4,341.66	4,135.63	206.03	21.073		
12,700.00	6,840.00	6,825.60	6,713.53	183.47	28.93	-89.75	-2,252.52	-8,916.26	4,306.81	4,097.58	209.23	20.584		
12,800.00	6,840.00	6,825.64	6,713.57	186.10	28.93	-89.75	-2,252.52	-8,916.26	4,274.01	4,061.62	212.39	20.123		
12,900.00	6,840.00	6,825.68	6,713.60	188.74	28.93	-89.75	-2,252.52	-8,916.26	4,243.32	4,027.80	215.52	19.689		
13,000.00	6,840.00	6,825.71	6,713.64	191.37	28.93	-89.75	-2,252.52	-8,916.26	4,214.78	3,996.18	218.60	19.281		
13,100.00	6,840.00	6,825.75	6,713.68	194.01	28.93	-89.76	-2,252.52	-8,916.26	4,188.43	3,966.81	221.62	18.899		
13,200.00	6,840.00	6,825.79	6,713.71	196.65	28.93	-89.76	-2,252.52	-8,916.26	4,164.32	3,939.74	224.57	18.543		
13,300.00	6,840.00	6,825.83	6,713.75	199.29	28.93	-89.76	-2,252.52	-8,916.26	4,142.48	3,915.02	227.45	18.212		
13,400.00	6,840.00	6,825.86	6,713.79	201.93	28.93	-89.76	-2,252.52	-8,916.26	4,122.95	3,892.69	230.25	17.906		
13,500.00	6,840.00	6,825.90	6,713.83	204.58	28.93	-89.76	-2,252.52	-8,916.26	4,105.76	3,872.79	232.97	17.624		
13,600.00	6,840.00	6,825.94	6,713.86	207.22	28.93	-89.76	-2,252.52	-8,916.26	4,090.95	3,855.36	235.58	17.365		
13,700.00	6,840.00	6,825.97	6,713.90	209.87	28.93	-89.76	-2,252.52	-8,916.26	4,078.53	3,840.44	238.10	17.130		
13,800.00	6,840.00	6,826.01	6,713.93	212.52	28.93	-89.76	-2,252.52	-8,916.26	4,068.54	3,828.04	240.50	16.917		
13,900.00	6,840.00	6,826.04	6,713.97	215.18	28.93	-89.76	-2,252.52	-8,916.26	4,060.98	3,818.19	242.79	16.726		
14,000.00	6,840.00	6,826.08	6,714.01	217.83	28.93	-89.76	-2,252.52	-8,916.26	4,055.88	3,810.92	244.96	16.557		
14,100.00	6,840.00	6,826.12	6,714.04	220.49	28.93	-89.76	-2,252.52	-8,916.26	4,053.24	3,806.24	247.00	16.410		
14,157.09	6,840.00	6,826.14	6,714.06	222.01	28.93	-89.76	-2,252.52	-8,916.26	4,052.84	3,804.73	248.11	16.335 CC		
14,200.00	6,840.00	6,826.15	6,714.08	223.15	28.93	-89.76	-2,252.52	-8,916.26	4,053.07	3,804.15	248.91	16.283 ES		
14,300.00	6,840.00	6,826.19	6,714.11	225.81	28.93	-89.76	-2,252.52	-8,916.26	4,055.36	3,804.67	250.69	16.177		
14,400.00	6,840.00	6,826.22	6,714.15	228.47	28.93	-89.76	-2,252.52	-8,916.26	4,060.11	3,807.78	252.33	16.090		
14,500.00	6,840.00	6,826.26	6,714.18	231.13	28.93	-89.76	-2,252.52	-8,916.26	4,067.32	3,813.48	253.84	16.023		
14,600.00	6,840.00	6,826.29	6,714.22	233.79	28.93	-89.76	-2,252.52	-8,916.26	4,076.97	3,821.77	255.20	15.975		
14,700.00	6,840.00	6,826.33	6,714.25	236.46	28.93	-89.76	-2,252.52	-8,916.26	4,089.04	3,832.61	256.43	15.946		
14,800.00	6,840.00	6,826.36	6,714.29	239.12	28.93	-89.76	-2,252.52	-8,916.26	4,103.52	3,846.00	257.51	15.935 SF		
14,900.00	6,840.00	6,826.40	6,714.32	241.79	28.93	-89.76	-2,252.52	-8,916.26	4,120.37	3,861.91	258.46	15.942		
15,000.00	6,840.00	6,826.43	6,714.36	244.46	28.93	-89.76	-2,252.52	-8,916.26	4,139.57	3,880.30	259.27	15.966		
15,100.00	6,840.00	6,826.47	6,714.39	247.13	28.93	-89.77	-2,252.52	-8,916.26	4,161.08	3,901.13	259.95	16.007		
15,200.00	6,840.00	6,826.50	6,714.43	249.80	28.93	-89.77	-2,252.52	-8,916.26	4,184.87	3,924.38	260.49	16.065		
15,300.00	6,840.00	6,826.53	6,714.46	252.47	28.93	-89.77	-2,252.52	-8,916.26	4,210.91	3,950.00	260.91	16.139		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,828.16	6,716.08	395.04	28.93	-89.79	-2,252.53	-8,916.26	7,611.61	7,397.48	214.13	35.547	
20,609.76	6,840.00	6,828.16	6,716.09	395.31	28.93	-89.79	-2,252.53	-8,916.26	7,619.87	7,405.83	214.04	35.601	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,700.00	6,840.00	16,204.65	7,023.49	370.74	254.45	-93.26	-2,434.66	-14,498.93	4,266.44	3,642.62	623.82	6.839	
19,800.00	6,840.00	16,280.60	7,024.04	373.44	256.51	-93.27	-2,433.92	-14,574.87	4,265.92	3,637.49	628.43	6.788	
19,900.00	6,840.00	16,372.77	7,024.70	376.14	259.00	-93.28	-2,433.15	-14,667.03	4,265.56	3,632.00	633.57	6.733	
19,925.25	6,840.00	16,391.00	7,024.82	376.82	259.50	-93.28	-2,433.05	-14,685.27	4,265.54	3,630.85	634.69	6.721	
20,000.00	6,840.00	16,437.00	7,025.11	378.84	260.74	-93.28	-2,432.93	-14,731.27	4,265.73	3,627.99	637.74	6.689	
20,100.00	6,840.00	16,502.71	7,025.51	381.54	262.52	-93.29	-2,433.24	-14,796.97	4,266.72	3,624.79	641.93	6.647	
20,200.00	6,840.00	16,572.71	7,025.97	384.24	264.41	-93.29	-2,434.25	-14,866.96	4,268.62	3,622.38	646.23	6.605	
20,300.00	6,840.00	16,651.86	7,026.54	386.94	266.55	-93.30	-2,435.78	-14,946.10	4,271.03	3,620.18	650.85	6.562	
20,400.00	6,840.00	16,730.00	7,027.00	389.64	268.66	-93.30	-2,437.70	-15,024.21	4,273.95	3,618.54	655.41	6.521 ES	
20,500.00	6,840.00	16,730.00	7,027.00	392.34	268.66	-93.30	-2,437.70	-15,024.21	4,278.30	3,621.52	656.78	6.514 SF	
20,600.00	6,840.00	16,730.00	7,027.00	395.04	268.66	-93.30	-2,437.70	-15,024.21	4,284.97	3,627.19	657.78	6.514	
20,609.76	6,840.00	16,730.00	7,027.00	395.31	268.66	-93.30	-2,437.70	-15,024.21	4,285.75	3,627.89	657.86	6.515	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,871.95	4,869.11	36.51	1.67	-41.98	1,413.07	-8,908.28	7,607.91	7,579.09	28.82	263.991		
5,200.00	4,826.74	4,954.72	4,951.83	37.37	1.68	-42.18	1,411.75	-8,905.48	7,571.77	7,542.26	29.51	256.564		
5,300.00	4,917.33	5,054.90	5,051.94	38.23	1.69	-42.42	1,410.39	-8,902.13	7,535.77	7,505.57	30.20	249.525		
5,400.00	5,007.92	5,140.61	5,137.59	39.09	1.70	-42.63	1,409.27	-8,899.08	7,499.69	7,468.79	30.90	242.704		
5,500.00	5,098.51	5,205.79	5,202.73	39.95	1.71	-42.79	1,408.55	-8,896.94	7,463.96	7,432.34	31.62	236.081		
5,600.00	5,189.11	5,284.27	5,281.17	40.81	1.71	-42.98	1,407.74	-8,894.54	7,428.53	7,396.20	32.33	229.779		
5,700.00	5,279.70	5,359.30	5,356.16	41.68	1.72	-43.16	1,406.88	-8,892.37	7,393.36	7,360.31	33.05	223.710		
5,800.00	5,370.29	5,436.35	5,433.18	42.54	1.73	-43.36	1,405.82	-8,890.30	7,358.47	7,324.69	33.77	217.882		
5,900.00	5,460.88	5,513.75	5,510.54	43.40	1.74	-43.55	1,404.68	-8,888.32	7,323.81	7,289.30	34.50	212.274		
6,000.00	5,551.47	5,579.05	5,575.82	44.26	1.75	-43.72	1,403.55	-8,886.83	7,289.49	7,254.25	35.24	206.837		
6,100.00	5,642.07	5,647.41	5,644.15	45.13	1.77	-43.90	1,402.20	-8,885.48	7,255.58	7,219.59	35.99	201.613		
6,200.00	5,732.66	5,713.79	5,710.51	45.99	1.78	-44.08	1,400.95	-8,884.35	7,222.04	7,185.30	36.74	196.579		
6,300.00	5,823.25	5,769.51	5,766.22	46.85	1.79	-44.22	1,399.91	-8,883.64	7,188.98	7,151.48	37.50	191.705		
6,400.00	5,913.84	5,850.11	5,846.80	47.72	1.81	-44.44	1,398.45	-8,882.93	7,156.40	7,118.15	38.25	187.079		
6,500.00	6,004.44	5,950.85	5,947.52	48.58	1.84	-44.70	1,396.82	-8,881.91	7,123.82	7,084.82	39.00	182.664		
6,600.00	6,095.03	6,050.06	6,046.71	49.44	1.86	-44.97	1,395.06	-8,880.80	7,091.29	7,051.54	39.75	178.391		
6,700.00	6,185.62	6,139.00	6,135.64	50.30	1.88	-45.21	1,393.72	-8,879.69	7,058.75	7,018.24	40.51	174.238		
6,800.00	6,276.21	6,211.66	6,208.28	51.17	1.90	-45.41	1,392.67	-8,878.91	7,026.50	6,985.21	41.29	170.186		
6,900.00	6,366.80	6,280.42	6,277.03	52.03	1.91	-45.59	1,391.71	-8,878.37	6,994.62	6,952.55	42.07	166.265		
7,000.00	6,457.40	6,367.75	6,364.35	52.89	1.93	-45.83	1,390.49	-8,877.87	6,963.07	6,920.22	42.85	162.516		
7,100.00	6,545.60	6,465.01	6,461.59	53.85	1.96	-46.23	1,389.09	-8,877.23	6,925.29	6,881.66	43.63	158.720		
7,200.00	6,626.13	6,535.08	6,531.66	55.05	1.98	-30.03	1,388.13	-8,876.71	6,872.22	6,827.78	44.44	154.648		
7,300.00	6,696.49	6,584.96	6,581.53	56.46	1.99	-26.75	1,387.45	-8,876.49	6,805.58	6,760.37	45.22	150.516		
7,400.00	6,754.56	6,643.77	6,640.34	58.05	2.01	-25.60	1,386.65	-8,876.33	6,727.25	6,681.35	45.90	146.550		
7,500.00	6,798.57	6,695.63	6,692.20	59.78	2.02	-26.69	1,385.93	-8,876.13	6,639.41	6,592.93	46.48	142.851		
7,600.00	6,827.18	6,725.22	6,721.78	61.58	2.03	-32.24	1,385.51	-8,875.99	6,544.72	6,497.80	46.92	139.495		
7,700.00	6,839.51	6,737.43	6,733.99	63.39	2.03	-64.64	1,385.34	-8,875.93	6,446.07	6,398.87	47.20	136.569		
7,800.00	6,840.00	6,737.42	6,733.98	65.19	2.03	-93.45	1,385.34	-8,875.93	6,346.30	6,298.93	47.37	133.981		
7,900.00	6,840.00	6,736.92	6,733.48	67.04	2.03	-93.38	1,385.34	-8,875.94	6,246.52	6,198.98	47.53	131.409		
8,000.00	6,840.00	6,736.41	6,732.97	68.95	2.03	-93.31	1,385.35	-8,875.94	6,146.74	6,099.03	47.71	128.840		
8,100.00	6,840.00	6,735.91	6,732.47	70.91	2.03	-93.24	1,385.36	-8,875.94	6,046.97	5,999.09	47.89	126.273		
8,200.00	6,840.00	6,735.40	6,731.96	72.91	2.03	-93.17	1,385.37	-8,875.94	5,947.21	5,899.14	48.07	123.709		
8,300.00	6,840.00	6,734.90	6,731.46	74.96	2.03	-93.10	1,385.37	-8,875.95	5,847.46	5,799.19	48.27	121.147		
8,400.00	6,840.00	6,734.40	6,730.96	77.05	2.03	-93.03	1,385.38	-8,875.95	5,747.72	5,699.25	48.47	118.588		
8,500.00	6,840.00	6,733.90	6,730.46	79.18	2.03	-92.96	1,385.39	-8,875.95	5,647.99	5,599.31	48.68	116.031		
8,600.00	6,840.00	6,733.39	6,729.95	81.34	2.03	-92.89	1,385.40	-8,875.95	5,548.26	5,499.37	48.89	113.478		
8,700.00	6,840.00	6,732.89	6,729.45	83.54	2.03	-92.82	1,385.40	-8,875.96	5,448.55	5,399.43	49.12	110.929		
8,800.00	6,840.00	6,732.39	6,728.95	85.76	2.03	-92.75	1,385.41	-8,875.96	5,348.84	5,299.49	49.35	108.382		
8,900.00	6,840.00	6,731.89	6,728.45	88.02	2.03	-92.69	1,385.42	-8,875.96	5,249.15	5,199.56	49.59	105.840		
9,000.00	6,840.00	6,731.40	6,727.96	90.30	2.03	-92.62	1,385.43	-8,875.96	5,149.47	5,099.62	49.85	103.302		
9,100.00	6,840.00	6,730.90	6,727.46	92.60	2.03	-92.55	1,385.43	-8,875.97	5,049.80	4,999.69	50.11	100.769		
9,200.00	6,840.00	6,730.40	6,726.96	94.93	2.03	-92.48	1,385.44	-8,875.97	4,950.15	4,899.76	50.39	98.240		
9,300.00	6,840.00	6,729.90	6,726.46	97.28	2.03	-92.41	1,385.45	-8,875.97	4,850.51	4,799.83	50.68	95.716		
9,400.00	6,840.00	6,729.41	6,725.97	99.65	2.03	-92.34	1,385.45	-8,875.97	4,750.88	4,699.90	50.98	93.198		
9,500.00	6,840.00	6,728.91	6,725.47	102.03	2.03	-92.27	1,385.46	-8,875.98	4,651.27	4,599.98	51.29	90.685		
9,600.00	6,840.00	6,728.42	6,724.98	104.43	2.03	-92.21	1,385.47	-8,875.98	4,551.68	4,500.06	51.62	88.178		
9,700.00	6,840.00	6,727.92	6,724.48	106.85	2.03	-92.14	1,385.48	-8,875.98	4,452.10	4,400.14	51.96	85.677		
9,800.00	6,840.00	6,727.43	6,723.99	109.29	2.03	-92.07	1,385.48	-8,875.98	4,352.55	4,300.23	52.32	83.184		
9,900.00	6,840.00	6,726.93	6,723.50	111.73	2.03	-92.00	1,385.49	-8,875.98	4,253.02	4,200.31	52.70	80.697		
10,000.00	6,840.00	6,726.44	6,723.00	114.19	2.03	-91.93	1,385.50	-8,875.99	4,153.50	4,100.40	53.10	78.218		
10,100.00	6,840.00	6,725.95	6,722.51	116.66	2.03	-91.87	1,385.50	-8,875.99	4,054.02	4,000.50	53.52	75.746		
10,200.00	6,840.00	6,725.46	6,722.02	119.15	2.03	-91.80	1,385.51	-8,875.99	3,954.55	3,900.59	53.96	73.284		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,700.76	6,697.32	255.15	2.02	-88.38	1,385.86	-8,876.11	1,333.20	1,268.78	64.43	20.694		
15,500.00	6,840.00	6,700.30	6,696.86	257.82	2.02	-88.32	1,385.87	-8,876.11	1,428.58	1,367.81	60.78	23.505		
15,600.00	6,840.00	6,699.84	6,696.40	260.50	2.02	-88.26	1,385.87	-8,876.11	1,524.56	1,466.86	57.70	26.423		
15,700.00	6,840.00	6,699.39	6,695.96	263.17	2.02	-88.20	1,385.88	-8,876.11	1,621.02	1,565.93	55.09	29.427		
15,800.00	6,840.00	6,698.95	6,695.51	265.85	2.02	-88.13	1,385.89	-8,876.12	1,717.89	1,665.02	52.87	32.494		
15,900.00	6,840.00	6,698.50	6,695.07	268.53	2.02	-88.07	1,385.89	-8,876.12	1,815.09	1,764.12	50.98	35.606		
16,000.00	6,840.00	6,698.06	6,694.62	271.20	2.02	-88.01	1,385.90	-8,876.12	1,912.59	1,863.22	49.36	38.745		
16,100.00	6,840.00	6,697.62	6,694.18	273.88	2.02	-87.95	1,385.90	-8,876.12	2,010.33	1,962.34	47.98	41.895		
16,200.00	6,840.00	6,697.18	6,693.75	276.56	2.02	-87.89	1,385.91	-8,876.12	2,108.28	2,061.48	46.80	45.044		
16,300.00	6,840.00	6,696.75	6,693.31	279.25	2.02	-87.83	1,385.92	-8,876.13	2,206.42	2,160.62	45.79	48.181		
16,400.00	6,840.00	6,696.31	6,692.88	281.93	2.02	-87.77	1,385.92	-8,876.13	2,304.71	2,259.78	44.93	51.297		
16,500.00	6,840.00	6,695.88	6,692.44	284.61	2.02	-87.71	1,385.93	-8,876.13	2,403.15	2,358.96	44.19	54.384		
16,600.00	6,840.00	6,695.45	6,692.01	287.29	2.02	-87.65	1,385.93	-8,876.13	2,501.71	2,458.15	43.55	57.438		
16,700.00	6,840.00	6,695.02	6,691.59	289.98	2.02	-87.59	1,385.94	-8,876.13	2,600.38	2,557.37	43.01	60.454		
16,800.00	6,840.00	6,694.60	6,691.16	292.66	2.02	-87.53	1,385.95	-8,876.14	2,699.15	2,656.59	42.55	63.431		
16,900.00	6,840.00	6,694.17	6,690.74	295.35	2.02	-87.48	1,385.95	-8,876.14	2,798.00	2,755.84	42.16	66.365		
17,000.00	6,840.00	6,693.75	6,690.31	298.03	2.02	-87.42	1,385.96	-8,876.14	2,896.94	2,855.11	41.83	69.256		
17,100.00	6,840.00	6,693.33	6,689.89	300.72	2.02	-87.36	1,385.96	-8,876.14	2,995.94	2,954.39	41.55	72.105		
17,200.00	6,840.00	6,692.91	6,689.48	303.41	2.02	-87.30	1,385.97	-8,876.14	3,095.01	3,053.69	41.32	74.911		
17,300.00	6,840.00	6,692.50	6,689.06	306.09	2.02	-87.24	1,385.98	-8,876.14	3,194.14	3,153.01	41.12	77.675		
17,400.00	6,840.00	6,692.08	6,688.65	308.78	2.02	-87.19	1,385.98	-8,876.15	3,293.32	3,252.35	40.96	80.398		
17,500.00	6,840.00	6,691.67	6,688.23	311.47	2.02	-87.13	1,385.99	-8,876.15	3,392.54	3,351.71	40.83	83.080		
17,600.00	6,840.00	6,691.26	6,687.82	314.16	2.02	-87.07	1,385.99	-8,876.15	3,491.82	3,451.08	40.73	85.725		
17,700.00	6,840.00	6,690.85	6,687.41	316.85	2.02	-87.02	1,386.00	-8,876.15	3,591.13	3,550.47	40.65	88.332		
17,800.00	6,840.00	6,690.44	6,687.01	319.54	2.02	-86.96	1,386.00	-8,876.15	3,690.48	3,649.88	40.60	90.903		
17,900.00	6,840.00	6,690.04	6,686.60	322.23	2.02	-86.90	1,386.01	-8,876.16	3,789.86	3,749.30	40.56	93.440		
18,000.00	6,840.00	6,689.63	6,686.20	324.92	2.02	-86.85	1,386.02	-8,876.16	3,889.27	3,848.74	40.54	95.944		
18,100.00	6,840.00	6,689.23	6,685.80	327.62	2.02	-86.79	1,386.02	-8,876.16	3,988.72	3,948.19	40.53	98.416		
18,200.00	6,840.00	6,688.83	6,685.40	330.31	2.02	-86.74	1,386.03	-8,876.16	4,088.19	4,047.66	40.53	100.858		
18,300.00	6,840.00	6,688.43	6,685.00	333.00	2.02	-86.68	1,386.03	-8,876.16	4,187.69	4,147.14	40.55	103.271		
18,400.00	6,840.00	6,688.04	6,684.60	335.70	2.02	-86.63	1,386.04	-8,876.16	4,287.20	4,246.63	40.58	105.657		
18,500.00	6,840.00	6,687.64	6,684.21	338.39	2.02	-86.57	1,386.04	-8,876.17	4,386.75	4,346.13	40.61	108.016		
18,600.00	6,840.00	6,687.25	6,683.81	341.08	2.02	-86.52	1,386.05	-8,876.17	4,486.31	4,445.65	40.66	110.349		
18,700.00	6,840.00	6,686.86	6,683.42	343.78	2.02	-86.47	1,386.05	-8,876.17	4,585.89	4,545.18	40.71	112.658		
18,800.00	6,840.00	6,686.47	6,683.03	346.47	2.02	-86.41	1,386.06	-8,876.17	4,685.49	4,644.72	40.76	114.944		
18,900.00	6,840.00	6,686.08	6,682.65	349.17	2.02	-86.36	1,386.06	-8,876.17	4,785.10	4,744.28	40.83	117.208		
19,000.00	6,840.00	6,685.70	6,682.26	351.86	2.02	-86.31	1,386.07	-8,876.17	4,884.73	4,843.84	40.89	119.449		
19,100.00	6,840.00	6,685.31	6,681.88	354.56	2.02	-86.25	1,386.08	-8,876.18	4,984.38	4,943.41	40.97	121.670		
19,200.00	6,840.00	6,684.93	6,681.49	357.26	2.02	-86.20	1,386.08	-8,876.18	5,084.04	5,043.00	41.04	123.871		
19,300.00	6,840.00	6,684.55	6,681.11	359.95	2.02	-86.15	1,386.09	-8,876.18	5,183.71	5,142.59	41.12	126.053		
19,400.00	6,840.00	6,684.17	6,680.73	362.65	2.02	-86.09	1,386.09	-8,876.18	5,283.40	5,242.19	41.21	128.216		
19,500.00	6,840.00	6,683.79	6,680.36	365.35	2.02	-86.04	1,386.10	-8,876.18	5,383.09	5,341.80	41.29	130.361		
19,600.00	6,840.00	6,683.41	6,679.98	368.05	2.02	-85.99	1,386.10	-8,876.18	5,482.80	5,441.42	41.38	132.489		
19,700.00	6,840.00	6,683.04	6,679.61	370.74	2.02	-85.94	1,386.11	-8,876.19	5,582.52	5,541.04	41.48	134.600		
19,800.00	6,840.00	6,682.67	6,679.23	373.44	2.02	-85.89	1,386.11	-8,876.19	5,682.25	5,640.68	41.57	136.694		
19,900.00	6,840.00	6,682.30	6,678.86	376.14	2.02	-85.84	1,386.12	-8,876.19	5,781.99	5,740.32	41.67	138.773		
20,000.00	6,840.00	6,681.93	6,678.49	378.84	2.02	-85.79	1,386.12	-8,876.19	5,881.73	5,839.97	41.76	140.836		
20,100.00	6,840.00	6,681.56	6,678.12	381.54	2.02	-85.73	1,386.13	-8,876.19	5,981.49	5,939.62	41.86	142.884		
20,200.00	6,840.00	6,681.19	6,677.76	384.24	2.02	-85.68	1,386.13	-8,876.19	6,081.25	6,039.29	41.96	144.918		
20,300.00	6,840.00	6,680.83	6,677.39	386.94	2.02	-85.63	1,386.14	-8,876.19	6,181.02	6,138.95	42.07	146.937		
20,400.00	6,840.00	6,680.46	6,677.03	389.64	2.02	-85.58	1,386.14	-8,876.20	6,280.80	6,238.63	42.17	148.943		
20,500.00	6,840.00	6,680.10	6,676.67	392.34	2.02	-85.53	1,386.15	-8,876.20	6,380.58	6,338.31	42.27	150.935		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,679.74	6,676.31	395.04	2.02	-85.48	1,386.15	-8,876.20	6,480.37	6,437.99	42.38	152.914	
20,609.76	6,840.00	6,679.71	6,676.27	395.31	2.02	-85.48	1,386.15	-8,876.20	6,490.11	6,447.72	42.39	153.106	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,611.14	4,611.14	36.51	16.33	-60.30	-1,305.40	-9,236.96	8,291.95	8,243.10	48.85	169.742		
5,200.00	4,826.74	4,701.74	4,701.74	37.37	16.66	-60.54	-1,305.40	-9,236.96	8,269.47	8,219.47	49.99	165.417		
5,300.00	4,917.33	4,807.67	4,792.33	38.23	17.04	-60.78	-1,305.40	-9,236.96	8,247.14	8,195.95	51.19	161.104		
5,400.00	5,007.92	4,882.92	4,882.92	39.09	17.31	-61.02	-1,305.40	-9,236.96	8,224.97	8,172.69	52.28	157.314		
5,500.00	5,098.51	4,973.51	4,973.51	39.95	17.63	-61.26	-1,305.40	-9,236.96	8,202.96	8,149.53	53.43	153.514		
5,600.00	5,189.11	5,064.11	5,064.11	40.81	17.96	-61.50	-1,305.40	-9,236.96	8,181.11	8,126.53	54.59	149.869		
5,700.00	5,279.70	5,154.70	5,154.70	41.68	18.28	-61.74	-1,305.40	-9,236.96	8,159.43	8,103.68	55.75	146.370		
5,800.00	5,370.29	5,245.29	5,245.29	42.54	18.61	-61.98	-1,305.40	-9,236.96	8,137.90	8,080.99	56.90	143.009		
5,900.00	5,460.88	5,335.88	5,335.88	43.40	18.93	-62.23	-1,305.40	-9,236.96	8,116.54	8,058.47	58.07	139.777		
6,000.00	5,551.47	5,426.47	5,426.47	44.26	19.26	-62.48	-1,305.40	-9,236.96	8,095.34	8,036.11	59.23	136.669		
6,100.00	5,642.07	5,517.07	5,517.07	45.13	19.58	-62.72	-1,305.40	-9,236.96	8,074.31	8,013.91	60.40	133.677		
6,200.00	5,732.66	5,607.66	5,607.66	45.99	19.90	-62.97	-1,305.40	-9,236.96	8,053.45	7,991.87	61.57	130.794		
6,300.00	5,823.25	5,701.75	5,698.25	46.85	20.24	-63.22	-1,305.40	-9,236.96	8,032.75	7,969.99	62.76	127.991		
6,400.00	5,913.84	5,788.84	5,788.84	47.72	20.55	-63.47	-1,305.40	-9,236.96	8,012.23	7,948.31	63.92	125.338		
6,500.00	6,004.44	5,879.44	5,879.44	48.58	20.88	-63.72	-1,305.40	-9,236.96	7,991.88	7,926.77	65.10	122.754		
6,600.00	6,095.03	5,970.03	5,970.03	49.44	21.20	-63.97	-1,305.40	-9,236.96	7,971.70	7,905.41	66.29	120.259		
6,700.00	6,185.62	6,060.62	6,060.62	50.30	21.53	-64.23	-1,305.40	-9,236.96	7,951.70	7,884.22	67.47	117.850		
6,800.00	6,276.21	6,151.21	6,151.21	51.17	21.85	-64.48	-1,305.40	-9,236.96	7,931.87	7,863.21	68.66	115.522		
6,900.00	6,366.80	6,241.80	6,241.80	52.03	22.18	-64.74	-1,305.40	-9,236.96	7,912.22	7,842.36	69.85	113.271		
7,000.00	6,457.40	6,332.40	6,332.40	52.89	22.50	-64.99	-1,305.40	-9,236.96	7,892.74	7,821.70	71.05	111.094		
7,100.00	6,545.60	6,420.60	6,420.60	53.85	22.82	-65.11	-1,305.40	-9,236.96	7,867.38	7,795.09	72.29	108.832		
7,200.00	6,626.13	6,501.13	6,501.13	55.05	23.11	-51.42	-1,305.40	-9,236.96	7,827.20	7,753.58	73.63	106.305		
7,300.00	6,696.49	6,571.49	6,571.49	56.46	23.36	-50.51	-1,305.40	-9,236.96	7,773.37	7,698.35	75.02	103.612		
7,400.00	6,754.56	6,629.56	6,629.56	58.05	23.57	-52.76	-1,305.40	-9,236.96	7,707.56	7,631.14	76.42	100.853		
7,500.00	6,798.57	6,673.57	6,673.57	59.78	23.73	-58.48	-1,305.40	-9,236.96	7,631.79	7,554.01	77.78	98.121		
7,600.00	6,827.18	6,702.18	6,702.18	61.58	23.83	-68.79	-1,305.40	-9,236.96	7,548.34	7,469.30	79.04	95.498		
7,700.00	6,839.51	6,714.51	6,714.51	63.39	23.87	-85.12	-1,305.40	-9,236.96	7,459.73	7,379.57	80.17	93.055		
7,800.00	6,840.00	6,715.00	6,715.00	65.19	23.87	-90.00	-1,305.40	-9,236.96	7,369.00	7,287.83	81.18	90.779		
7,900.00	6,840.00	6,715.00	6,715.00	67.04	23.87	-90.00	-1,305.40	-9,236.96	7,278.45	7,196.24	82.21	88.531		
8,000.00	6,840.00	6,715.00	6,715.00	68.95	23.87	-90.00	-1,305.40	-9,236.96	7,188.15	7,104.86	83.29	86.304		
8,100.00	6,840.00	6,715.00	6,715.00	70.91	23.87	-90.00	-1,305.40	-9,236.96	7,098.10	7,013.70	84.40	84.100		
8,200.00	6,840.00	6,715.00	6,715.00	72.91	23.87	-90.00	-1,305.40	-9,236.96	7,008.33	6,922.78	85.55	81.919		
8,300.00	6,840.00	6,715.00	6,715.00	74.96	23.87	-90.00	-1,305.40	-9,236.96	6,918.84	6,832.09	86.74	79.762		
8,400.00	6,840.00	6,715.00	6,715.00	77.05	23.87	-90.00	-1,305.40	-9,236.96	6,829.64	6,741.66	87.97	77.632		
8,500.00	6,840.00	6,715.00	6,715.00	79.18	23.87	-90.00	-1,305.40	-9,236.96	6,740.74	6,651.49	89.25	75.528		
8,600.00	6,840.00	6,715.00	6,715.00	81.34	23.87	-90.00	-1,305.40	-9,236.96	6,652.15	6,561.59	90.56	73.452		
8,700.00	6,840.00	6,715.00	6,715.00	83.54	23.87	-90.00	-1,305.40	-9,236.96	6,563.90	6,471.97	91.92	71.405		
8,800.00	6,840.00	6,715.00	6,715.00	85.76	23.87	-90.00	-1,305.40	-9,236.96	6,475.98	6,382.65	93.33	69.388		
8,900.00	6,840.00	6,715.00	6,715.00	88.02	23.87	-90.00	-1,305.40	-9,236.96	6,388.43	6,293.64	94.78	67.401		
9,000.00	6,840.00	6,715.00	6,715.00	90.30	23.87	-90.00	-1,305.40	-9,236.96	6,301.24	6,204.96	96.28	65.445		
9,100.00	6,840.00	6,715.00	6,715.00	92.60	23.87	-90.00	-1,305.40	-9,236.96	6,214.44	6,116.60	97.83	63.522		
9,200.00	6,840.00	6,715.00	6,715.00	94.93	23.87	-90.00	-1,305.40	-9,236.96	6,128.04	6,028.61	99.43	61.631		
9,300.00	6,840.00	6,715.00	6,715.00	97.28	23.87	-90.00	-1,305.40	-9,236.96	6,042.06	5,940.97	101.08	59.774		
9,400.00	6,840.00	6,715.00	6,715.00	99.65	23.87	-90.00	-1,305.40	-9,236.96	5,956.51	5,853.73	102.79	57.950		
9,500.00	6,840.00	6,715.00	6,715.00	102.03	23.87	-90.00	-1,305.40	-9,236.96	5,871.43	5,766.88	104.55	56.162		
9,600.00	6,840.00	6,715.00	6,715.00	104.43	23.87	-90.00	-1,305.40	-9,236.96	5,786.82	5,680.46	106.36	54.408		
9,700.00	6,840.00	6,715.00	6,715.00	106.85	23.87	-90.00	-1,305.40	-9,236.96	5,702.71	5,594.48	108.23	52.689		
9,800.00	6,840.00	6,715.00	6,715.00	109.29	23.87	-90.00	-1,305.40	-9,236.96	5,619.12	5,508.96	110.16	51.007		
9,900.00	6,840.00	6,715.00	6,715.00	111.73	23.87	-90.00	-1,305.40	-9,236.96	5,536.08	5,423.92	112.16	49.361		
10,000.00	6,840.00	6,715.00	6,715.00	114.19	23.87	-90.00	-1,305.40	-9,236.96	5,453.60	5,339.39	114.21	47.751		
10,100.00	6,840.00	6,715.00	6,715.00	116.66	23.87	-90.00	-1,305.40	-9,236.96	5,371.72	5,255.39	116.33	46.178		
10,200.00	6,840.00	6,715.00	6,715.00	119.15	23.87	-90.00	-1,305.40	-9,236.96	5,290.46	5,171.95	118.51	44.642		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	23.87	-90.00	-1,305.40	-9,236.96	5,209.85	5,089.10	120.76	43.143		
10,400.00	6,840.00	6,715.00	6,715.00	124.14	23.87	-90.00	-1,305.40	-9,236.96	5,129.93	5,006.86	123.07	41.682		
10,500.00	6,840.00	6,715.00	6,715.00	126.65	23.87	-90.00	-1,305.40	-9,236.96	5,050.72	4,925.27	125.46	40.258		
10,600.00	6,840.00	6,715.00	6,715.00	129.18	23.87	-90.00	-1,305.40	-9,236.96	4,972.27	4,844.35	127.91	38.872		
10,700.00	6,840.00	6,715.00	6,715.00	131.70	23.87	-90.00	-1,305.40	-9,236.96	4,894.59	4,764.15	130.44	37.523		
10,800.00	6,840.00	6,715.00	6,715.00	134.24	23.87	-90.00	-1,305.40	-9,236.96	4,817.74	4,684.70	133.04	36.212		
10,900.00	6,840.00	6,715.00	6,715.00	136.79	23.87	-90.00	-1,305.40	-9,236.96	4,741.76	4,606.04	135.72	34.938		
11,000.00	6,840.00	6,715.00	6,715.00	139.34	23.87	-90.00	-1,305.40	-9,236.96	4,666.68	4,528.21	138.47	33.703		
11,100.00	6,840.00	6,715.00	6,715.00	141.90	23.87	-90.00	-1,305.40	-9,236.96	4,592.55	4,451.26	141.29	32.504		
11,200.00	6,840.00	6,715.00	6,715.00	144.46	23.87	-90.00	-1,305.40	-9,236.96	4,519.42	4,375.22	144.19	31.343		
11,300.00	6,840.00	6,715.00	6,715.00	147.03	23.87	-90.00	-1,305.40	-9,236.96	4,447.33	4,300.16	147.17	30.219		
11,400.00	6,840.00	6,715.00	6,715.00	149.60	23.87	-90.00	-1,305.40	-9,236.96	4,376.34	4,226.12	150.22	29.133		
11,500.00	6,840.00	6,715.00	6,715.00	152.18	23.87	-90.00	-1,305.40	-9,236.96	4,306.50	4,153.15	153.35	28.083		
11,600.00	6,840.00	6,715.00	6,715.00	154.77	23.87	-90.00	-1,305.40	-9,236.96	4,237.87	4,081.32	156.55	27.070		
11,700.00	6,840.00	6,715.00	6,715.00	157.36	23.87	-90.00	-1,305.40	-9,236.96	4,170.51	4,010.69	159.83	26.094		
11,800.00	6,840.00	6,715.00	6,715.00	159.95	23.87	-90.00	-1,305.40	-9,236.96	4,104.49	3,941.31	163.17	25.154		
11,900.00	6,840.00	6,715.00	6,715.00	162.55	23.87	-90.00	-1,305.40	-9,236.96	4,039.85	3,873.26	166.59	24.250		
12,000.00	6,840.00	6,715.00	6,715.00	165.16	23.87	-90.00	-1,305.40	-9,236.96	3,976.69	3,806.61	170.08	23.382		
12,100.00	6,840.00	6,715.00	6,715.00	167.76	23.87	-90.00	-1,305.40	-9,236.96	3,915.05	3,741.43	173.62	22.549		
12,200.00	6,840.00	6,715.00	6,715.00	170.37	23.87	-90.00	-1,305.40	-9,236.96	3,855.03	3,677.80	177.23	21.752		
12,300.00	6,840.00	6,715.00	6,715.00	172.99	23.87	-90.00	-1,305.40	-9,236.96	3,796.69	3,615.81	180.89	20.990		
12,400.00	6,840.00	6,715.00	6,715.00	175.60	23.87	-90.00	-1,305.40	-9,236.96	3,740.12	3,555.53	184.59	20.262		
12,500.00	6,840.00	6,715.00	6,715.00	178.23	23.87	-90.00	-1,305.40	-9,236.96	3,685.39	3,497.05	188.34	19.568		
12,600.00	6,840.00	6,715.00	6,715.00	180.85	23.87	-90.00	-1,305.40	-9,236.96	3,632.59	3,440.48	192.11	18.908		
12,700.00	6,840.00	6,715.00	6,715.00	183.47	23.87	-90.00	-1,305.40	-9,236.96	3,581.80	3,385.89	195.92	18.282		
12,800.00	6,840.00	6,715.00	6,715.00	186.10	23.87	-90.00	-1,305.40	-9,236.96	3,533.12	3,333.39	199.73	17.689		
12,900.00	6,840.00	6,715.00	6,715.00	188.74	23.87	-90.00	-1,305.40	-9,236.96	3,486.63	3,283.08	203.55	17.129		
13,000.00	6,840.00	6,715.00	6,715.00	191.37	23.87	-90.00	-1,305.40	-9,236.96	3,442.41	3,235.05	207.36	16.601		
13,100.00	6,840.00	6,715.00	6,715.00	194.01	23.87	-90.00	-1,305.40	-9,236.96	3,400.56	3,189.41	211.14	16.106		
13,200.00	6,840.00	6,715.00	6,715.00	196.65	23.87	-90.00	-1,305.40	-9,236.96	3,361.16	3,146.27	214.89	15.641		
13,300.00	6,840.00	6,715.00	6,715.00	199.29	23.87	-90.00	-1,305.40	-9,236.96	3,324.31	3,105.72	218.59	15.208		
13,400.00	6,840.00	6,715.00	6,715.00	201.93	23.87	-90.00	-1,305.40	-9,236.96	3,290.08	3,067.86	222.22	14.806		
13,500.00	6,840.00	6,715.00	6,715.00	204.58	23.87	-90.00	-1,305.40	-9,236.96	3,258.56	3,032.80	225.76	14.434		
13,600.00	6,840.00	6,715.00	6,715.00	207.22	23.87	-90.00	-1,305.40	-9,236.96	3,229.84	3,000.63	229.21	14.091		
13,700.00	6,840.00	6,715.00	6,715.00	209.87	23.87	-90.00	-1,305.40	-9,236.96	3,203.98	2,971.44	232.53	13.778		
13,800.00	6,840.00	6,715.00	6,715.00	212.52	23.87	-90.00	-1,305.40	-9,236.96	3,181.05	2,945.32	235.73	13.494		
13,900.00	6,840.00	6,715.00	6,715.00	215.18	23.87	-90.00	-1,305.40	-9,236.96	3,161.12	2,922.35	238.78	13.239		
14,000.00	6,840.00	6,715.00	6,715.00	217.83	23.87	-90.00	-1,305.40	-9,236.96	3,144.25	2,902.59	241.66	13.011		
14,100.00	6,840.00	6,715.00	6,715.00	220.49	23.87	-90.00	-1,305.40	-9,236.96	3,130.48	2,886.13	244.36	12.811		
14,200.00	6,840.00	6,715.00	6,715.00	223.15	23.87	-90.00	-1,305.40	-9,236.96	3,119.86	2,873.00	246.86	12.638		
14,300.00	6,840.00	6,715.00	6,715.00	225.81	23.87	-90.00	-1,305.40	-9,236.96	3,112.42	2,863.26	249.16	12.491		
14,400.00	6,840.00	6,715.00	6,715.00	228.47	23.87	-90.00	-1,305.40	-9,236.96	3,108.18	2,856.93	251.25	12.371		
14,481.93	6,840.00	6,715.00	6,715.00	230.65	23.87	-90.00	-1,305.40	-9,236.96	3,107.10	2,854.31	252.79	12.291 CC		
14,500.00	6,840.00	6,715.00	6,715.00	231.13	23.87	-90.00	-1,305.40	-9,236.96	3,107.15	2,854.04	253.11	12.276 ES		
14,600.00	6,840.00	6,715.00	6,715.00	233.79	23.87	-90.00	-1,305.40	-9,236.96	3,109.34	2,854.60	254.74	12.206		
14,700.00	6,840.00	6,715.00	6,715.00	236.46	23.87	-90.00	-1,305.40	-9,236.96	3,114.74	2,858.61	256.13	12.161		
14,800.00	6,840.00	6,715.00	6,715.00	239.12	23.87	-90.00	-1,305.40	-9,236.96	3,123.34	2,866.04	257.29	12.139 SF		
14,900.00	6,840.00	6,715.00	6,715.00	241.79	23.87	-90.00	-1,305.40	-9,236.96	3,135.10	2,876.89	258.21	12.142		
15,000.00	6,840.00	6,715.00	6,715.00	244.46	23.87	-90.00	-1,305.40	-9,236.96	3,149.99	2,891.09	258.90	12.167		
15,100.00	6,840.00	6,715.00	6,715.00	247.13	23.87	-90.00	-1,305.40	-9,236.96	3,167.98	2,908.62	259.36	12.215		
15,200.00	6,840.00	6,715.00	6,715.00	249.80	23.87	-90.00	-1,305.40	-9,236.96	3,188.99	2,929.40	259.59	12.285		
15,300.00	6,840.00	6,715.00	6,715.00	252.47	23.87	-90.00	-1,305.40	-9,236.96	3,212.99	2,953.38	259.61	12.376		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	23.87	-90.00	-1,305.40	-9,236.96	6,861.84	6,679.81	182.03	37.696	
20,609.76	6,840.00	6,715.00	6,715.00	395.31	23.87	-90.00	-1,305.40	-9,236.96	6,870.54	6,688.62	181.92	37.766	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
0.00	0.00	0.00	0.00	0.00	0.00	-100.72	-1,846.92	-9,754.76	9,928.75					
100.00	100.00	0.00	0.00	0.13	0.00	-100.72	-1,846.92	-9,754.76	9,928.07	9,927.94	0.13	N/A		
140.16	140.16	23.16	23.16	0.28	0.18	-100.72	-1,846.92	-9,754.76	9,928.06	9,927.60	0.46	N/A		
200.00	200.00	83.00	83.00	0.49	0.65	-100.72	-1,846.92	-9,754.76	9,928.06	9,926.92	1.14	8,672.463		
300.00	300.00	183.00	183.00	0.85	2.23	-100.72	-1,846.92	-9,754.76	9,928.06	9,924.97	3.09	3,217.762		
400.00	400.00	283.00	283.00	1.21	3.98	-100.72	-1,846.92	-9,754.76	9,928.06	9,922.87	5.19	1,913.218		
500.00	499.98	382.98	382.98	1.57	5.72	-51.48	-1,846.92	-9,754.76	9,926.97	9,919.68	7.29	1,361.726		
600.00	599.84	482.84	482.84	1.93	7.47	-51.56	-1,846.92	-9,754.76	9,923.71	9,914.32	9.39	1,056.853		
700.00	699.45	582.45	582.45	2.29	9.21	-51.68	-1,846.92	-9,754.76	9,918.29	9,906.80	11.49	863.098		
800.00	798.70	681.70	681.70	2.67	10.94	-51.86	-1,846.92	-9,754.76	9,910.71	9,897.12	13.60	728.942		
900.00	897.47	780.47	780.47	3.07	12.66	-52.08	-1,846.92	-9,754.76	9,901.00	9,885.30	15.71	630.426		
1,000.00	995.62	878.62	878.62	3.50	14.37	-52.36	-1,846.92	-9,754.76	9,889.18	9,871.35	17.82	554.906		
1,100.00	1,093.06	976.06	976.06	3.97	16.08	-52.68	-1,846.92	-9,754.76	9,875.26	9,855.32	19.95	495.086		
1,200.00	1,189.64	1,072.64	1,072.64	4.47	17.76	-53.06	-1,846.92	-9,754.76	9,859.30	9,837.21	22.08	446.461		
1,300.00	1,285.27	1,168.27	1,168.27	5.01	19.43	-53.48	-1,846.92	-9,754.76	9,841.31	9,817.08	24.23	406.103		
1,400.00	1,379.82	1,262.82	1,262.82	5.61	21.08	-53.96	-1,846.92	-9,754.76	9,821.34	9,794.94	26.40	372.026		
1,500.00	1,473.17	1,356.17	1,356.17	6.25	22.71	-54.49	-1,846.92	-9,754.76	9,799.45	9,770.86	28.58	342.836		
1,600.00	1,565.21	1,448.21	1,448.21	6.96	24.32	-55.06	-1,846.92	-9,754.76	9,775.66	9,744.88	30.79	317.526		
1,700.00	1,656.01	1,539.01	1,539.01	7.72	25.90	-55.48	-1,846.92	-9,754.76	9,750.26	9,717.25	33.01	295.371		
1,800.00	1,746.60	1,629.60	1,629.60	8.50	27.48	-55.67	-1,846.92	-9,754.76	9,724.72	9,689.47	35.25	275.876		
1,900.00	1,837.19	1,720.19	1,720.19	9.30	29.06	-55.86	-1,846.92	-9,754.76	9,699.29	9,661.78	37.51	258.607		
2,000.00	1,927.79	1,810.79	1,810.79	10.12	30.64	-56.06	-1,846.92	-9,754.76	9,673.97	9,634.20	39.77	243.221		
2,100.00	2,018.38	1,901.38	1,901.38	10.93	32.23	-56.25	-1,846.92	-9,754.76	9,648.78	9,606.73	42.05	229.441		
2,200.00	2,108.97	2,008.03	1,991.97	11.76	34.09	-56.45	-1,846.92	-9,754.76	9,623.71	9,579.09	44.62	215.672		
2,300.00	2,199.56	2,082.56	2,082.56	12.59	35.39	-56.65	-1,846.92	-9,754.76	9,598.76	9,552.12	46.64	205.814		
2,400.00	2,290.15	2,173.15	2,173.15	13.43	36.97	-56.84	-1,846.92	-9,754.76	9,573.93	9,524.99	48.94	195.621		
2,500.00	2,380.75	2,263.75	2,263.75	14.26	38.55	-57.04	-1,846.92	-9,754.76	9,549.22	9,497.97	51.25	186.324		
2,600.00	2,471.34	2,354.34	2,354.34	15.11	40.13	-57.24	-1,846.92	-9,754.76	9,524.64	9,471.07	53.57	177.812		
2,700.00	2,561.93	2,444.93	2,444.93	15.95	41.71	-57.44	-1,846.92	-9,754.76	9,500.18	9,444.30	55.89	169.991		
2,800.00	2,652.52	2,535.52	2,535.52	16.80	43.29	-57.64	-1,846.92	-9,754.76	9,475.85	9,417.64	58.21	162.782		
2,900.00	2,743.12	2,626.12	2,626.12	17.64	44.87	-57.85	-1,846.92	-9,754.76	9,451.65	9,391.11	60.54	156.117		
3,000.00	2,833.71	2,716.71	2,716.71	18.49	46.46	-58.05	-1,846.92	-9,754.76	9,427.58	9,364.70	62.88	149.939		
3,100.00	2,924.30	2,807.30	2,807.30	19.35	48.04	-58.25	-1,846.92	-9,754.76	9,403.63	9,338.41	65.21	144.195		
3,200.00	3,014.89	2,902.11	2,897.89	20.20	49.69	-58.46	-1,846.92	-9,754.76	9,379.81	9,312.18	67.63	138.691		
3,300.00	3,105.48	2,988.48	2,988.48	21.05	51.20	-58.67	-1,846.92	-9,754.76	9,356.13	9,286.22	69.90	133.843		
3,400.00	3,196.08	3,079.08	3,079.08	21.91	52.78	-58.87	-1,846.92	-9,754.76	9,332.57	9,260.32	72.25	129.164		
3,500.00	3,286.67	3,169.67	3,169.67	22.76	54.36	-59.08	-1,846.92	-9,754.76	9,309.15	9,234.55	74.61	124.776		
3,600.00	3,377.26	3,260.26	3,260.26	23.62	55.94	-59.29	-1,846.92	-9,754.76	9,285.87	9,208.90	76.96	120.652		
3,700.00	3,467.85	3,350.85	3,350.85	24.47	57.52	-59.50	-1,846.92	-9,754.76	9,262.72	9,183.39	79.32	116.770		
3,800.00	3,558.45	3,441.45	3,441.45	25.33	59.10	-59.71	-1,846.92	-9,754.76	9,239.70	9,158.01	81.69	113.110		
3,900.00	3,649.04	3,532.04	3,532.04	26.19	60.69	-59.92	-1,846.92	-9,754.76	9,216.83	9,132.77	84.05	109.652		
4,000.00	3,739.63	3,622.63	3,622.63	27.05	62.27	-60.13	-1,846.92	-9,754.76	9,194.09	9,107.66	86.43	106.382		
4,100.00	3,830.22	3,713.22	3,713.22	27.90	63.85	-60.35	-1,846.92	-9,754.76	9,171.48	9,082.69	88.80	103.284		
4,200.00	3,920.81	3,803.81	3,803.81	28.76	65.43	-60.56	-1,846.92	-9,754.76	9,149.02	9,057.85	91.17	100.346		
4,300.00	4,011.41	3,905.59	3,894.41	29.62	67.21	-60.78	-1,846.92	-9,754.76	9,126.71	9,032.96	93.75	97.352		
4,400.00	4,102.00	3,985.00	3,985.00	30.48	68.59	-60.99	-1,846.92	-9,754.76	9,104.53	9,008.59	95.94	94.902		
4,500.00	4,192.59	4,075.59	4,075.59	31.34	70.17	-61.21	-1,846.92	-9,754.76	9,082.49	8,984.17	98.32	92.375		
4,600.00	4,283.18	4,166.18	4,166.18	32.20	71.75	-61.43	-1,846.92	-9,754.76	9,060.60	8,959.89	100.71	89.967		
4,700.00	4,373.78	4,256.78	4,256.78	33.06	73.33	-61.65	-1,846.92	-9,754.76	9,038.86	8,935.76	103.10	87.669		
4,800.00	4,464.37	4,347.37	4,347.37	33.92	74.92	-61.87	-1,846.92	-9,754.76	9,017.26	8,911.77	105.50	85.475		
4,900.00	4,554.96	4,437.96	4,437.96	34.78	76.50	-62.09	-1,846.92	-9,754.76	8,995.81	8,887.92	107.89	83.377		
5,000.00	4,645.55	4,528.55	4,528.55	35.64	78.08	-62.31	-1,846.92	-9,754.76	8,974.51	8,864.22	110.29	81.370		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,619.14	4,619.14	36.51	79.66	-62.53	-1,846.92	-9,754.76	8,953.36	8,840.66	112.69	79.448		
5,200.00	4,826.74	4,709.74	4,709.74	37.37	81.24	-62.75	-1,846.92	-9,754.76	8,932.36	8,817.26	115.10	77.605		
5,300.00	4,917.33	4,800.33	4,800.33	38.23	82.82	-62.98	-1,846.92	-9,754.76	8,911.51	8,794.00	117.51	75.837		
5,400.00	5,007.92	4,909.08	4,890.92	39.09	84.72	-63.20	-1,846.92	-9,754.76	8,890.81	8,770.57	120.24	73.945		
5,500.00	5,098.51	4,981.51	4,981.51	39.95	85.98	-63.43	-1,846.92	-9,754.76	8,870.27	8,747.94	122.33	72.510		
5,600.00	5,189.11	5,072.11	5,072.11	40.81	87.57	-63.66	-1,846.92	-9,754.76	8,849.88	8,725.13	124.75	70.942		
5,700.00	5,279.70	5,162.70	5,162.70	41.68	89.15	-63.88	-1,846.92	-9,754.76	8,829.65	8,702.48	127.17	69.433		
5,800.00	5,370.29	5,253.29	5,253.29	42.54	90.73	-64.11	-1,846.92	-9,754.76	8,809.57	8,679.98	129.59	67.981		
5,900.00	5,460.88	5,343.88	5,343.88	43.40	92.31	-64.34	-1,846.92	-9,754.76	8,789.66	8,657.64	132.01	66.582		
6,000.00	5,551.47	5,434.47	5,434.47	44.26	93.89	-64.57	-1,846.92	-9,754.76	8,769.90	8,635.46	134.44	65.233		
6,100.00	5,642.07	5,525.07	5,525.07	45.13	95.47	-64.80	-1,846.92	-9,754.76	8,750.30	8,613.43	136.87	63.932		
6,200.00	5,732.66	5,615.66	5,615.66	45.99	97.05	-65.03	-1,846.92	-9,754.76	8,730.86	8,591.56	139.30	62.677		
6,300.00	5,823.25	5,706.25	5,706.25	46.85	98.63	-65.27	-1,846.92	-9,754.76	8,711.59	8,569.86	141.73	61.465		
6,400.00	5,913.84	5,803.16	5,796.84	47.72	100.32	-65.50	-1,846.92	-9,754.76	8,692.48	8,548.20	144.28	60.247		
6,500.00	6,004.44	5,887.44	5,887.44	48.58	101.80	-65.74	-1,846.92	-9,754.76	8,673.53	8,526.93	146.61	59.161		
6,600.00	6,095.03	5,978.03	5,978.03	49.44	103.38	-65.97	-1,846.92	-9,754.76	8,654.76	8,505.71	149.05	58.066		
6,700.00	6,185.62	6,068.62	6,068.62	50.30	104.96	-66.21	-1,846.92	-9,754.76	8,636.14	8,484.65	151.49	57.007		
6,800.00	6,276.21	6,159.21	6,159.21	51.17	106.54	-66.45	-1,846.92	-9,754.76	8,617.70	8,463.76	153.94	55.981		
6,900.00	6,366.80	6,249.80	6,249.80	52.03	108.12	-66.68	-1,846.92	-9,754.76	8,599.42	8,443.03	156.39	54.988		
7,000.00	6,457.40	6,340.40	6,340.40	52.89	109.70	-66.92	-1,846.92	-9,754.76	8,581.32	8,422.48	158.84	54.026		
7,100.00	6,545.60	6,428.60	6,428.60	53.85	111.24	-68.04	-1,846.92	-9,754.76	8,557.38	8,396.07	161.31	53.050		
7,200.00	6,626.13	6,509.13	6,509.13	55.05	112.65	-53.37	-1,846.92	-9,754.76	8,518.76	8,354.98	163.78	52.014		
7,300.00	6,696.49	6,579.49	6,579.49	56.46	113.87	-52.51	-1,846.92	-9,754.76	8,466.59	8,300.41	166.17	50.950		
7,400.00	6,754.56	6,637.56	6,637.56	58.05	114.89	-54.78	-1,846.92	-9,754.76	8,402.48	8,234.07	168.41	49.892		
7,500.00	6,798.57	6,681.57	6,681.57	59.78	115.66	-60.42	-1,846.92	-9,754.76	8,328.41	8,157.99	170.42	48.869		
7,600.00	6,827.18	6,710.18	6,710.18	61.58	116.15	-70.32	-1,846.92	-9,754.76	8,246.63	8,074.50	172.13	47.909		
7,700.00	6,839.51	6,722.51	6,722.51	63.39	116.37	-85.53	-1,846.92	-9,754.76	8,159.60	7,986.12	173.48	47.034		
7,800.00	6,840.00	6,723.00	6,723.00	65.19	116.38	-90.00	-1,846.92	-9,754.76	8,070.36	7,895.81	174.56	46.234		
7,900.00	6,840.00	6,723.00	6,723.00	67.04	116.38	-90.00	-1,846.92	-9,754.76	7,981.31	7,805.66	175.65	45.438		
8,000.00	6,840.00	6,723.00	6,723.00	68.95	116.38	-90.00	-1,846.92	-9,754.76	7,892.52	7,715.73	176.79	44.644		
8,100.00	6,840.00	6,723.00	6,723.00	70.91	116.38	-90.00	-1,846.92	-9,754.76	7,804.00	7,626.04	177.96	43.854		
8,200.00	6,840.00	6,723.00	6,723.00	72.91	116.38	-90.00	-1,846.92	-9,754.76	7,715.76	7,536.59	179.16	43.065		
8,300.00	6,840.00	6,723.00	6,723.00	74.96	116.38	-90.00	-1,846.92	-9,754.76	7,627.81	7,447.40	180.41	42.281		
8,400.00	6,840.00	6,723.00	6,723.00	77.05	116.38	-90.00	-1,846.92	-9,754.76	7,540.16	7,358.46	181.69	41.499		
8,500.00	6,840.00	6,723.00	6,723.00	79.18	116.38	-90.00	-1,846.92	-9,754.76	7,452.82	7,269.80	183.02	40.721		
8,600.00	6,840.00	6,723.00	6,723.00	81.34	116.38	-90.00	-1,846.92	-9,754.76	7,365.80	7,181.41	184.39	39.948		
8,700.00	6,840.00	6,723.00	6,723.00	83.54	116.38	-90.00	-1,846.92	-9,754.76	7,279.12	7,093.32	185.79	39.179		
8,800.00	6,840.00	6,723.00	6,723.00	85.76	116.38	-90.00	-1,846.92	-9,754.76	7,192.78	7,005.54	187.24	38.414		
8,900.00	6,840.00	6,723.00	6,723.00	88.02	116.38	-90.00	-1,846.92	-9,754.76	7,106.80	6,918.06	188.74	37.654		
9,000.00	6,840.00	6,723.00	6,723.00	90.30	116.38	-90.00	-1,846.92	-9,754.76	7,021.19	6,830.92	190.28	36.900		
9,100.00	6,840.00	6,723.00	6,723.00	92.60	116.38	-90.00	-1,846.92	-9,754.76	6,935.97	6,744.11	191.86	36.151		
9,200.00	6,840.00	6,723.00	6,723.00	94.93	116.38	-90.00	-1,846.92	-9,754.76	6,851.15	6,657.66	193.49	35.409		
9,300.00	6,840.00	6,723.00	6,723.00	97.28	116.38	-90.00	-1,846.92	-9,754.76	6,766.74	6,571.57	195.16	34.672		
9,400.00	6,840.00	6,723.00	6,723.00	99.65	116.38	-90.00	-1,846.92	-9,754.76	6,682.76	6,485.87	196.89	33.942		
9,500.00	6,840.00	6,723.00	6,723.00	102.03	116.38	-90.00	-1,846.92	-9,754.76	6,599.23	6,400.56	198.66	33.218		
9,600.00	6,840.00	6,723.00	6,723.00	104.43	116.38	-90.00	-1,846.92	-9,754.76	6,516.16	6,315.67	200.49	32.502		
9,700.00	6,840.00	6,723.00	6,723.00	106.85	116.38	-90.00	-1,846.92	-9,754.76	6,433.57	6,231.21	202.36	31.792		
9,800.00	6,840.00	6,723.00	6,723.00	109.29	116.38	-90.00	-1,846.92	-9,754.76	6,351.49	6,147.20	204.29	31.091		
9,900.00	6,840.00	6,723.00	6,723.00	111.73	116.38	-90.00	-1,846.92	-9,754.76	6,269.92	6,063.65	206.27	30.397		
10,000.00	6,840.00	6,723.00	6,723.00	114.19	116.38	-90.00	-1,846.92	-9,754.76	6,188.90	5,980.59	208.31	29.711		
10,100.00	6,840.00	6,723.00	6,723.00	116.66	116.38	-90.00	-1,846.92	-9,754.76	6,108.43	5,898.04	210.40	29.033		
10,200.00	6,840.00	6,723.00	6,723.00	119.15	116.38	-90.00	-1,846.92	-9,754.76	6,028.56	5,816.01	212.54	28.364		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	116.38	-90.00	-1,846.92	-9,754.76	5,949.29	5,734.54	214.74	27.704		
10,400.00	6,840.00	6,723.00	6,723.00	124.14	116.38	-90.00	-1,846.92	-9,754.76	5,870.65	5,653.65	217.01	27.053		
10,500.00	6,840.00	6,723.00	6,723.00	126.65	116.38	-90.00	-1,846.92	-9,754.76	5,792.67	5,573.35	219.33	26.411		
10,600.00	6,840.00	6,723.00	6,723.00	129.18	116.38	-90.00	-1,846.92	-9,754.76	5,715.38	5,493.68	221.71	25.779		
10,700.00	6,840.00	6,723.00	6,723.00	131.70	116.38	-90.00	-1,846.92	-9,754.76	5,638.81	5,414.66	224.15	25.157		
10,800.00	6,840.00	6,723.00	6,723.00	134.24	116.38	-90.00	-1,846.92	-9,754.76	5,562.97	5,336.32	226.65	24.544		
10,900.00	6,840.00	6,723.00	6,723.00	136.79	116.38	-90.00	-1,846.92	-9,754.76	5,487.91	5,258.70	229.21	23.942		
11,000.00	6,840.00	6,723.00	6,723.00	139.34	116.38	-90.00	-1,846.92	-9,754.76	5,413.66	5,181.82	231.84	23.351		
11,100.00	6,840.00	6,723.00	6,723.00	141.90	116.38	-90.00	-1,846.92	-9,754.76	5,340.25	5,105.72	234.53	22.770		
11,200.00	6,840.00	6,723.00	6,723.00	144.46	116.38	-90.00	-1,846.92	-9,754.76	5,267.71	5,030.43	237.28	22.200		
11,300.00	6,840.00	6,723.00	6,723.00	147.03	116.38	-90.00	-1,846.92	-9,754.76	5,196.09	4,955.99	240.10	21.641		
11,400.00	6,840.00	6,723.00	6,723.00	149.60	116.38	-90.00	-1,846.92	-9,754.76	5,125.41	4,882.43	242.98	21.094		
11,500.00	6,840.00	6,723.00	6,723.00	152.18	116.38	-90.00	-1,846.92	-9,754.76	5,055.73	4,809.80	245.92	20.558		
11,600.00	6,840.00	6,723.00	6,723.00	154.77	116.38	-90.00	-1,846.92	-9,754.76	4,987.07	4,738.14	248.93	20.034		
11,700.00	6,840.00	6,723.00	6,723.00	157.36	116.38	-90.00	-1,846.92	-9,754.76	4,919.50	4,667.50	252.00	19.522		
11,800.00	6,840.00	6,723.00	6,723.00	159.95	116.38	-90.00	-1,846.92	-9,754.76	4,853.04	4,597.91	255.13	19.022		
11,900.00	6,840.00	6,723.00	6,723.00	162.55	116.38	-90.00	-1,846.92	-9,754.76	4,787.74	4,529.43	258.32	18.534		
12,000.00	6,840.00	6,723.00	6,723.00	165.16	116.38	-90.00	-1,846.92	-9,754.76	4,723.67	4,462.10	261.57	18.059		
12,100.00	6,840.00	6,723.00	6,723.00	167.76	116.38	-90.00	-1,846.92	-9,754.76	4,660.85	4,395.98	264.87	17.597		
12,200.00	6,840.00	6,723.00	6,723.00	170.37	116.38	-90.00	-1,846.92	-9,754.76	4,599.36	4,331.13	268.23	17.147		
12,300.00	6,840.00	6,723.00	6,723.00	172.99	116.38	-90.00	-1,846.92	-9,754.76	4,539.23	4,267.59	271.64	16.710		
12,400.00	6,840.00	6,723.00	6,723.00	175.60	116.38	-90.00	-1,846.92	-9,754.76	4,480.53	4,205.43	275.10	16.287		
12,500.00	6,840.00	6,723.00	6,723.00	178.23	116.38	-90.00	-1,846.92	-9,754.76	4,423.31	4,144.71	278.60	15.877		
12,600.00	6,840.00	6,723.00	6,723.00	180.85	116.38	-90.00	-1,846.92	-9,754.76	4,367.63	4,085.48	282.15	15.480		
12,700.00	6,840.00	6,723.00	6,723.00	183.47	116.38	-90.00	-1,846.92	-9,754.76	4,313.55	4,027.83	285.73	15.097		
12,800.00	6,840.00	6,723.00	6,723.00	186.10	116.38	-90.00	-1,846.92	-9,754.76	4,261.13	3,971.80	289.34	14.727		
12,900.00	6,840.00	6,723.00	6,723.00	188.74	116.38	-90.00	-1,846.92	-9,754.76	4,210.44	3,917.47	292.97	14.372		
13,000.00	6,840.00	6,723.00	6,723.00	191.37	116.38	-90.00	-1,846.92	-9,754.76	4,161.53	3,864.91	296.62	14.030		
13,100.00	6,840.00	6,723.00	6,723.00	194.01	116.38	-90.00	-1,846.92	-9,754.76	4,114.47	3,814.18	300.29	13.702		
13,200.00	6,840.00	6,723.00	6,723.00	196.65	116.38	-90.00	-1,846.92	-9,754.76	4,069.32	3,765.37	303.95	13.388		
13,300.00	6,840.00	6,723.00	6,723.00	199.29	116.38	-90.00	-1,846.92	-9,754.76	4,026.15	3,718.54	307.62	13.088		
13,400.00	6,840.00	6,723.00	6,723.00	201.93	116.38	-90.00	-1,846.92	-9,754.76	3,985.03	3,673.76	311.26	12.803		
13,500.00	6,840.00	6,723.00	6,723.00	204.58	116.38	-90.00	-1,846.92	-9,754.76	3,946.01	3,631.12	314.89	12.532		
13,600.00	6,840.00	6,723.00	6,723.00	207.22	116.38	-90.00	-1,846.92	-9,754.76	3,909.16	3,590.68	318.48	12.275		
13,700.00	6,840.00	6,723.00	6,723.00	209.87	116.38	-90.00	-1,846.92	-9,754.76	3,874.54	3,552.51	322.02	12.032		
13,800.00	6,840.00	6,723.00	6,723.00	212.52	116.38	-90.00	-1,846.92	-9,754.76	3,842.21	3,516.69	325.52	11.803		
13,900.00	6,840.00	6,723.00	6,723.00	215.18	116.38	-90.00	-1,846.92	-9,754.76	3,812.23	3,483.29	328.94	11.589		
14,000.00	6,840.00	6,723.00	6,723.00	217.83	116.38	-90.00	-1,846.92	-9,754.76	3,784.66	3,452.36	332.29	11.390		
14,100.00	6,840.00	6,723.00	6,723.00	220.49	116.38	-90.00	-1,846.92	-9,754.76	3,759.54	3,423.99	335.55	11.204		
14,200.00	6,840.00	6,723.00	6,723.00	223.15	116.38	-90.00	-1,846.92	-9,754.76	3,736.93	3,398.22	338.71	11.033		
14,300.00	6,840.00	6,723.00	6,723.00	225.81	116.38	-90.00	-1,846.92	-9,754.76	3,716.88	3,375.12	341.77	10.876		
14,400.00	6,840.00	6,723.00	6,723.00	228.47	116.38	-90.00	-1,846.92	-9,754.76	3,699.42	3,354.73	344.70	10.732		
14,500.00	6,840.00	6,723.00	6,723.00	231.13	116.38	-90.00	-1,846.92	-9,754.76	3,684.60	3,337.11	347.49	10.603		
14,600.00	6,840.00	6,723.00	6,723.00	233.79	116.38	-90.00	-1,846.92	-9,754.76	3,672.44	3,322.29	350.15	10.488		
14,700.00	6,840.00	6,723.00	6,723.00	236.46	116.38	-90.00	-1,846.92	-9,754.76	3,662.97	3,310.31	352.65	10.387		
14,800.00	6,840.00	6,723.00	6,723.00	239.12	116.38	-90.00	-1,846.92	-9,754.76	3,656.21	3,301.21	355.00	10.299		
14,900.00	6,840.00	6,723.00	6,723.00	241.79	116.38	-90.00	-1,846.92	-9,754.76	3,652.18	3,294.99	357.18	10.225		
14,997.35	6,840.00	6,723.00	6,723.00	244.39	116.38	-90.00	-1,846.92	-9,754.76	3,650.88	3,291.74	359.14	10.166 CC		
15,000.00	6,840.00	6,723.00	6,723.00	244.46	116.38	-90.00	-1,846.92	-9,754.76	3,650.88	3,291.69	359.19	10.164		
15,100.00	6,840.00	6,723.00	6,723.00	247.13	116.38	-90.00	-1,846.92	-9,754.76	3,652.32	3,291.30	361.02	10.117 ES		
15,200.00	6,840.00	6,723.00	6,723.00	249.80	116.38	-90.00	-1,846.92	-9,754.76	3,656.50	3,293.82	362.68	10.082		
15,300.00	6,840.00	6,723.00	6,723.00	252.47	116.38	-90.00	-1,846.92	-9,754.76	3,663.40	3,299.26	364.14	10.060		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	116.38	-90.00	-1,846.92	-9,754.76	6,687.20	6,375.71	311.49	21.469	
20,609.76	6,840.00	6,723.00	6,723.00	395.31	116.38	-90.00	-1,846.92	-9,754.76	6,695.37	6,384.01	311.36	21.503	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,826.74	4,731.39	4,730.59	37.37	1.37	-57.83	-285.53	-6,963.86	5,803.49	5,769.58	33.91	171.134		
5,300.00	4,917.33	4,838.79	4,838.00	38.23	1.38	-58.22	-285.50	-6,963.06	5,778.70	5,743.96	34.74	166.342		
5,400.00	5,007.92	4,912.20	4,911.40	39.09	1.38	-58.49	-285.31	-6,962.63	5,754.24	5,718.65	35.58	161.708		
5,500.00	5,098.51	4,975.57	4,974.77	39.95	1.38	-58.73	-285.18	-6,962.52	5,730.35	5,693.91	36.43	157.277		
5,600.00	5,189.11	5,064.76	5,063.96	40.81	1.39	-59.06	-285.20	-6,962.62	5,706.98	5,669.70	37.28	153.071		
5,700.00	5,279.70	5,172.96	5,172.16	41.68	1.39	-59.47	-285.23	-6,962.49	5,683.63	5,645.51	38.13	149.078		
5,800.00	5,370.29	5,259.39	5,258.59	42.54	1.40	-59.79	-284.89	-6,962.33	5,660.34	5,621.36	38.98	145.199		
5,900.00	5,460.88	5,349.11	5,348.31	43.40	1.41	-60.14	-284.69	-6,962.25	5,637.41	5,597.56	39.85	141.472		
6,000.00	5,551.47	5,435.67	5,434.87	44.26	1.43	-60.46	-284.08	-6,962.24	5,614.63	5,573.91	40.72	137.886		
6,100.00	5,642.07	5,510.75	5,509.95	45.13	1.45	-60.75	-283.44	-6,962.49	5,592.32	5,550.72	41.60	134.430		
6,200.00	5,732.66	5,617.36	5,616.55	45.99	1.48	-61.16	-282.75	-6,962.73	5,570.21	5,527.73	42.48	131.133		
6,300.00	5,823.25	5,682.23	5,681.42	46.85	1.50	-61.40	-282.27	-6,963.02	5,548.46	5,505.09	43.37	127.931		
6,400.00	5,913.84	5,767.82	5,767.02	47.72	1.65	-62.15	-278.55	-6,962.80	5,526.05	5,481.78	44.27	124.827		
6,500.00	6,004.44	5,858.41	5,857.61	48.58	1.58	-63.16	-273.24	-6,956.14	5,501.77	5,456.75	45.02	122.205		
6,600.00	6,095.03	5,949.00	5,948.20	49.44	1.59	-63.42	-272.44	-6,953.48	5,476.60	5,430.67	45.93	119.240		
6,700.00	6,185.62	6,039.59	6,038.79	50.30	1.59	-63.65	-272.00	-6,951.41	5,452.17	5,405.32	46.85	116.383		
6,800.00	6,276.21	6,130.18	6,129.38	51.17	1.60	-63.89	-271.78	-6,949.56	5,428.58	5,380.81	47.77	113.644		
6,900.00	6,366.80	6,220.77	6,219.97	52.03	1.60	-64.18	-271.65	-6,947.62	5,405.67	5,356.98	48.69	111.024		
7,000.00	6,457.40	6,311.36	6,310.56	52.89	1.61	-64.43	-271.59	-6,946.20	5,383.42	5,333.81	49.62	108.496		
7,100.00	6,548.00	6,401.95	6,401.15	53.75	1.61	-65.61	-271.57	-6,945.18	5,355.95	5,305.34	50.60	105.838		
7,200.00	6,638.60	6,492.54	6,491.74	54.61	1.62	-65.84	-271.68	-6,943.52	5,313.93	5,262.23	51.70	102.784		
7,300.00	6,729.20	6,583.13	6,582.33	55.47	1.62	-66.07	-271.85	-6,942.76	5,258.47	5,205.57	52.90	99.398		
7,400.00	6,819.80	6,673.72	6,672.92	56.33	1.62	-66.30	-272.11	-6,942.28	5,191.62	5,137.47	54.16	95.860		
7,500.00	6,910.40	6,764.31	6,763.51	57.19	1.62	-66.53	-272.37	-6,941.98	5,115.27	5,059.84	55.42	92.295		
7,600.00	6,999.99	6,854.90	6,854.10	58.05	1.62	-66.76	-272.70	-6,941.66	5,031.52	4,974.88	56.65	88.821		
7,700.00	7,089.59	6,945.49	6,944.69	58.91	1.62	-66.99	-272.81	-6,941.53	4,942.83	4,885.03	57.80	85.518		
7,800.00	7,179.18	7,036.08	7,035.28	59.77	1.62	-67.22	-272.80	-6,941.53	4,852.22	4,793.33	58.89	82.398		
7,900.00	7,268.78	7,126.67	7,125.87	60.63	1.62	-67.45	-272.79	-6,941.54	4,761.91	4,701.89	60.02	79.337		
8,000.00	7,358.37	7,217.26	7,216.46	61.49	1.62	-67.68	-272.78	-6,941.56	4,672.00	4,610.79	61.21	76.328		
8,100.00	7,447.97	7,307.85	7,307.05	62.35	1.62	-67.91	-272.78	-6,941.57	4,582.51	4,520.06	62.45	73.374		
8,200.00	7,537.56	7,398.44	7,397.64	63.21	1.62	-68.14	-272.77	-6,941.58	4,493.46	4,429.70	63.76	70.478		
8,300.00	7,627.16	7,489.03	7,488.23	64.07	1.62	-68.37	-272.76	-6,941.59	4,404.88	4,339.76	65.12	67.641		
8,400.00	7,716.75	7,579.62	7,578.82	64.93	1.62	-68.60	-272.75	-6,941.60	4,316.80	4,250.25	66.55	64.865		
8,500.00	7,806.35	7,670.21	7,669.41	65.79	1.62	-68.83	-272.74	-6,941.61	4,229.25	4,161.20	68.05	62.152		
8,600.00	7,895.94	7,760.80	7,760.00	66.65	1.62	-69.06	-272.73	-6,941.63	4,142.26	4,072.64	69.61	59.503		
8,700.00	7,985.54	7,851.39	7,850.59	67.51	1.62	-69.29	-272.71	-6,941.64	4,055.87	3,984.61	71.25	56.921		
8,800.00	8,075.13	7,941.98	7,941.18	68.37	1.62	-69.52	-272.70	-6,941.65	3,970.12	3,897.15	72.97	54.407		
8,900.00	8,164.73	8,032.57	8,031.77	69.23	1.62	-69.75	-272.69	-6,941.66	3,885.05	3,810.28	74.77	51.962		
9,000.00	8,254.32	8,123.16	8,122.36	70.09	1.62	-69.98	-272.68	-6,941.67	3,800.71	3,724.06	76.65	49.587		
9,100.00	8,343.92	8,213.75	8,212.95	70.95	1.62	-70.21	-272.67	-6,941.69	3,717.14	3,638.53	78.61	47.283		
9,200.00	8,433.51	8,304.34	8,303.54	71.81	1.62	-70.44	-272.66	-6,941.70	3,634.40	3,553.73	80.67	45.052		
9,300.00	8,523.11	8,394.93	8,394.13	72.67	1.62	-70.67	-272.65	-6,941.71	3,552.55	3,469.73	82.82	42.895		
9,400.00	8,612.70	8,485.52	8,484.72	73.53	1.62	-70.90	-272.64	-6,941.72	3,471.66	3,386.59	85.07	40.811		
9,500.00	8,702.30	8,576.11	8,575.31	74.39	1.62	-71.13	-272.63	-6,941.73	3,391.78	3,304.36	87.41	38.802		
9,600.00	8,791.89	8,666.70	8,665.90	75.25	1.62	-71.36	-272.62	-6,941.74	3,312.99	3,223.13	89.86	36.868		
9,700.00	8,881.49	8,757.29	8,756.49	76.11	1.62	-71.59	-272.61	-6,941.76	3,235.37	3,142.96	92.42	35.009		
9,800.00	8,971.08	8,847.88	8,847.08	76.97	1.62	-71.82	-272.60	-6,941.77	3,159.02	3,063.94	95.08	33.226		
9,900.00	9,060.68	8,938.47	8,937.67	77.83	1.62	-72.05	-272.58	-6,941.78	3,084.01	2,986.17	97.85	31.519		
10,000.00	9,150.27	9,029.06	9,028.26	78.69	1.62	-72.28	-272.57	-6,941.79	3,010.46	2,909.74	100.72	29.888		
10,100.00	9,239.87	9,119.65	9,118.85	79.55	1.62	-72.51	-272.56	-6,941.80	2,938.47	2,834.76	103.71	28.333		
10,200.00	9,329.46	9,210.24	9,209.44	80.41	1.62	-72.74	-272.55	-6,941.82	2,868.16	2,761.35	106.81	26.853		
10,300.00	9,419.06	9,300.83	9,299.99	81.27	1.62	-72.97	-272.54	-6,941.83	2,799.66	2,689.65	110.01	25.449		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,715.30	6,714.07	124.14	1.62	-89.92	-272.53	-6,941.84	2,733.10	2,619.78	113.31	24.120		
10,500.00	6,840.00	6,714.13	6,712.90	126.65	1.62	-89.89	-272.51	-6,941.85	2,668.62	2,551.91	116.71	22.865		
10,600.00	6,840.00	6,712.95	6,711.72	129.18	1.62	-89.85	-272.50	-6,941.86	2,606.39	2,486.20	120.20	21.685		
10,700.00	6,840.00	6,711.78	6,710.55	131.70	1.62	-89.82	-272.49	-6,941.87	2,546.57	2,422.81	123.76	20.577		
10,800.00	6,840.00	6,710.61	6,709.38	134.24	1.62	-89.79	-272.48	-6,941.89	2,489.32	2,361.94	127.38	19.543		
10,900.00	6,840.00	6,709.44	6,708.21	136.79	1.62	-89.76	-272.46	-6,941.90	2,434.84	2,303.80	131.04	18.581		
11,000.00	6,840.00	6,708.27	6,707.04	139.34	1.62	-89.72	-272.45	-6,941.91	2,383.31	2,248.58	134.73	17.689		
11,100.00	6,840.00	6,707.09	6,705.87	141.90	1.62	-89.69	-272.44	-6,941.92	2,334.92	2,196.51	138.42	16.869		
11,200.00	6,840.00	6,705.92	6,704.70	144.46	1.62	-89.66	-272.43	-6,941.93	2,289.89	2,147.81	142.08	16.117		
11,300.00	6,840.00	6,704.75	6,703.52	147.03	1.62	-89.63	-272.41	-6,941.94	2,248.40	2,102.72	145.68	15.434		
11,400.00	6,840.00	6,703.58	6,702.36	149.60	1.62	-89.59	-272.40	-6,941.96	2,210.66	2,061.47	149.18	14.818		
11,500.00	6,840.00	6,702.41	6,701.19	152.18	1.62	-89.56	-272.39	-6,941.97	2,176.86	2,024.30	152.56	14.269		
11,600.00	6,840.00	6,701.24	6,700.02	154.77	1.62	-89.53	-272.38	-6,941.98	2,147.19	1,991.43	155.76	13.785		
11,700.00	6,840.00	6,700.08	6,698.85	157.36	1.62	-89.50	-272.36	-6,941.99	2,121.82	1,963.06	158.76	13.365		
11,800.00	6,840.00	6,700.00	6,698.77	159.95	1.62	-89.49	-272.36	-6,941.99	2,100.91	1,939.40	161.51	13.008		
11,900.00	6,840.00	6,698.41	6,697.18	162.55	1.62	-89.45	-272.34	-6,942.01	2,084.59	1,920.62	163.97	12.713		
12,000.00	6,840.00	6,697.56	6,696.33	165.16	1.62	-89.43	-272.33	-6,942.02	2,072.97	1,906.85	166.12	12.479		
12,100.00	6,840.00	6,696.70	6,695.48	167.76	1.62	-89.40	-272.33	-6,942.02	2,066.13	1,898.20	167.93	12.303		
12,191.54	6,840.00	6,695.90	6,694.68	170.15	1.62	-89.38	-272.32	-6,942.03	2,064.10	1,894.83	169.27	12.194 CC		
12,200.00	6,840.00	6,695.83	6,694.60	170.37	1.62	-89.38	-272.32	-6,942.03	2,064.12	1,894.74	169.38	12.186 ES		
12,300.00	6,840.00	6,694.94	6,693.71	172.99	1.62	-89.35	-272.31	-6,942.04	2,066.95	1,896.50	170.45	12.126		
12,400.00	6,840.00	6,694.04	6,692.81	175.60	1.62	-89.33	-272.30	-6,942.05	2,074.60	1,903.46	171.14	12.122 SF		
12,500.00	6,840.00	6,693.12	6,691.89	178.23	1.62	-89.30	-272.29	-6,942.06	2,087.02	1,915.56	171.46	12.172		
12,600.00	6,840.00	6,692.18	6,690.96	180.85	1.62	-89.28	-272.28	-6,942.07	2,104.12	1,932.71	171.41	12.275		
12,700.00	6,840.00	6,691.23	6,690.00	183.47	1.62	-89.25	-272.27	-6,942.08	2,125.80	1,954.78	171.02	12.430		
12,800.00	6,840.00	6,690.26	6,689.03	186.10	1.62	-89.22	-272.26	-6,942.09	2,151.91	1,981.61	170.30	12.636		
12,900.00	6,840.00	6,689.27	6,688.05	188.74	1.62	-89.20	-272.25	-6,942.10	2,182.29	2,013.00	169.29	12.891		
13,000.00	6,840.00	6,688.27	6,687.04	191.37	1.62	-89.17	-272.24	-6,942.11	2,216.77	2,048.76	168.01	13.194		
13,100.00	6,840.00	6,687.25	6,686.02	194.01	1.62	-89.14	-272.23	-6,942.13	2,255.16	2,088.66	166.50	13.545		
13,200.00	6,840.00	6,686.20	6,684.98	196.65	1.62	-89.11	-272.22	-6,942.14	2,297.26	2,132.47	164.79	13.941		
13,300.00	6,840.00	6,685.14	6,683.91	199.29	1.62	-89.08	-272.20	-6,942.15	2,342.88	2,179.96	162.91	14.381		
13,400.00	6,840.00	6,684.06	6,682.83	201.93	1.62	-89.05	-272.19	-6,942.16	2,391.81	2,230.91	160.90	14.865		
13,500.00	6,840.00	6,682.95	6,681.73	204.58	1.62	-89.02	-272.18	-6,942.18	2,443.85	2,285.07	158.78	15.391		
13,600.00	6,840.00	6,681.83	6,680.60	207.22	1.62	-88.99	-272.17	-6,942.19	2,498.81	2,342.23	156.58	15.958		
13,700.00	6,840.00	6,680.68	6,679.46	209.87	1.62	-88.96	-272.16	-6,942.20	2,556.51	2,402.18	154.33	16.565		
13,800.00	6,840.00	6,679.51	6,678.29	212.52	1.62	-88.93	-272.15	-6,942.22	2,616.75	2,464.71	152.04	17.211		
13,900.00	6,840.00	6,678.32	6,677.09	215.18	1.62	-88.89	-272.14	-6,942.23	2,679.37	2,529.64	149.73	17.894		
14,000.00	6,840.00	6,677.10	6,675.88	217.83	1.62	-88.86	-272.13	-6,942.25	2,744.21	2,596.79	147.42	18.614		
14,100.00	6,840.00	6,675.86	6,674.63	220.49	1.62	-88.82	-272.12	-6,942.26	2,811.11	2,665.98	145.13	19.370		
14,200.00	6,840.00	6,674.59	6,673.37	223.15	1.62	-88.79	-272.11	-6,942.28	2,879.93	2,737.07	142.85	20.160		
14,300.00	6,840.00	6,673.30	6,672.07	225.81	1.62	-88.75	-272.09	-6,942.29	2,950.53	2,809.92	140.61	20.984		
14,400.00	6,840.00	6,671.98	6,670.75	228.47	1.62	-88.72	-272.08	-6,942.31	3,022.79	2,884.38	138.41	21.840		
14,500.00	6,840.00	6,670.63	6,669.40	231.13	1.62	-88.68	-272.07	-6,942.33	3,096.59	2,960.34	136.25	22.727		
14,600.00	6,840.00	6,669.25	6,668.02	233.79	1.62	-88.64	-272.06	-6,942.35	3,171.83	3,037.69	134.14	23.645		
14,700.00	6,840.00	6,667.84	6,666.62	236.46	1.62	-88.60	-272.05	-6,942.36	3,248.41	3,116.32	132.09	24.593		
14,800.00	6,840.00	6,666.40	6,665.18	239.12	1.62	-88.56	-272.03	-6,942.38	3,326.22	3,196.14	130.08	25.570		
14,900.00	6,840.00	6,664.93	6,663.71	241.79	1.62	-88.52	-272.02	-6,942.40	3,405.20	3,277.06	128.14	26.574		
15,000.00	6,840.00	6,663.43	6,662.20	244.46	1.62	-88.48	-272.01	-6,942.42	3,485.25	3,359.00	126.25	27.606		
15,100.00	6,840.00	6,661.89	6,660.67	247.13	1.62	-88.44	-272.00	-6,942.44	3,566.32	3,441.89	124.42	28.663		
15,200.00	6,840.00	6,660.32	6,659.09	249.80	1.62	-88.39	-271.99	-6,942.47	3,648.32	3,525.67	122.65	29.746		
15,300.00	6,840.00	6,658.71	6,657.48	252.47	1.62	-88.35	-271.97	-6,942.49	3,731.20	3,610.26	120.93	30.853		
15,400.00	6,840.00	6,657.06	6,655.84	255.15	1.62	-88.30	-271.96	-6,942.51	3,814.89	3,695.62	119.27	31.984		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,655.37	6,654.15	257.82	1.62	-88.26	-271.95	-6,942.54	3,899.36	3,781.69	117.67	33.138		
15,600.00	6,840.00	6,653.64	6,652.42	260.50	1.62	-88.21	-271.94	-6,942.56	3,984.54	3,868.43	116.12	34.315		
15,700.00	6,840.00	6,651.87	6,650.65	263.17	1.62	-88.16	-271.92	-6,942.59	4,070.40	3,955.78	114.62	35.513		
15,800.00	6,840.00	6,650.06	6,648.84	265.85	1.62	-88.11	-271.91	-6,942.62	4,156.89	4,043.72	113.17	36.731		
15,900.00	6,840.00	6,648.20	6,646.98	268.53	1.62	-88.06	-271.90	-6,942.64	4,243.98	4,132.20	111.77	37.970		
16,000.00	6,840.00	6,646.30	6,645.08	271.20	1.62	-88.00	-271.89	-6,942.67	4,331.62	4,221.19	110.42	39.228		
16,100.00	6,840.00	6,644.34	6,643.12	273.88	1.62	-87.95	-271.88	-6,942.70	4,419.78	4,310.66	109.12	40.505		
16,200.00	6,840.00	6,642.34	6,641.12	276.56	1.62	-87.89	-271.86	-6,942.73	4,508.44	4,400.58	107.86	41.800		
16,300.00	6,840.00	6,640.28	6,639.06	279.25	1.62	-87.84	-271.85	-6,942.77	4,597.56	4,490.92	106.64	43.113		
16,400.00	6,840.00	6,638.17	6,636.95	281.93	1.62	-87.78	-271.84	-6,942.80	4,687.12	4,581.66	105.46	44.443		
16,500.00	6,840.00	6,636.00	6,634.78	284.61	1.62	-87.72	-271.83	-6,942.84	4,777.09	4,672.77	104.33	45.789		
16,600.00	6,840.00	6,633.77	6,632.55	287.29	1.62	-87.66	-271.81	-6,942.87	4,867.46	4,764.23	103.23	47.151		
16,700.00	6,840.00	6,631.48	6,630.26	289.98	1.62	-87.59	-271.80	-6,942.91	4,958.19	4,856.02	102.17	48.528		
16,800.00	6,840.00	6,629.13	6,627.91	292.66	1.62	-87.53	-271.79	-6,942.95	5,049.28	4,948.13	101.15	49.920		
16,900.00	6,840.00	6,626.70	6,625.49	295.35	1.62	-87.46	-271.78	-6,942.99	5,140.69	5,040.53	100.16	51.326		
17,000.00	6,840.00	6,624.21	6,622.99	298.03	1.62	-87.39	-271.77	-6,943.04	5,232.42	5,133.22	99.20	52.746		
17,100.00	6,840.00	6,621.65	6,620.43	300.72	1.62	-87.32	-271.76	-6,943.08	5,324.44	5,226.17	98.28	54.179		
17,200.00	6,840.00	6,619.01	6,617.79	303.41	1.62	-87.25	-271.75	-6,943.13	5,416.75	5,319.37	97.38	55.625		
17,300.00	6,840.00	6,616.28	6,615.07	306.09	1.62	-87.17	-271.74	-6,943.18	5,509.32	5,412.81	96.51	57.083		
17,400.00	6,840.00	6,613.48	6,612.26	308.78	1.62	-87.09	-271.73	-6,943.23	5,602.15	5,506.47	95.68	58.553		
17,500.00	6,840.00	6,610.59	6,609.37	311.47	1.62	-87.01	-271.72	-6,943.29	5,695.22	5,600.35	94.87	60.034		
17,600.00	6,840.00	6,607.60	6,606.39	314.16	1.62	-86.93	-271.71	-6,943.35	5,788.52	5,694.44	94.08	61.527		
17,700.00	6,840.00	6,604.52	6,603.31	316.85	1.62	-86.85	-271.70	-6,943.41	5,882.04	5,788.72	93.32	63.029		
17,800.00	6,840.00	6,601.34	6,600.13	319.54	1.62	-86.76	-271.69	-6,943.47	5,975.77	5,883.18	92.59	64.543		
17,900.00	6,840.00	6,600.00	6,598.79	322.23	1.62	-86.72	-271.69	-6,943.50	6,069.69	5,977.81	91.88	66.061		
18,000.00	6,840.00	6,600.00	6,598.79	324.92	1.62	-86.72	-271.69	-6,943.50	6,163.81	6,072.61	91.20	67.586		
18,100.00	6,840.00	6,600.00	6,598.79	327.62	1.62	-86.72	-271.69	-6,943.50	6,258.11	6,167.57	90.54	69.120		
18,200.00	6,840.00	6,600.00	6,598.79	330.31	1.62	-86.72	-271.69	-6,943.50	6,352.59	6,262.69	89.90	70.661		
18,300.00	6,840.00	6,600.00	6,598.79	333.00	1.62	-86.72	-271.69	-6,943.50	6,447.23	6,357.95	89.28	72.210		
18,400.00	6,840.00	6,600.00	6,598.79	335.70	1.62	-86.72	-271.69	-6,943.50	6,542.03	6,453.35	88.69	73.767		
18,500.00	6,840.00	6,590.90	6,589.69	338.39	1.62	-86.47	-271.67	-6,943.68	6,636.98	6,548.90	88.08	75.353		
18,600.00	6,840.00	6,589.56	6,588.35	341.08	1.62	-86.43	-271.66	-6,943.70	6,732.07	6,644.56	87.51	76.927		
18,700.00	6,840.00	6,588.24	6,587.03	343.78	1.62	-86.40	-271.66	-6,943.73	6,827.31	6,740.35	86.96	78.500		
18,800.00	6,840.00	6,586.93	6,585.72	346.47	1.62	-86.36	-271.66	-6,943.75	6,922.68	6,836.25	86.43	80.094		
18,900.00	6,840.00	6,585.63	6,584.42	349.17	1.62	-86.32	-271.66	-6,943.78	7,018.18	6,932.26	85.92	81.687		
19,000.00	6,840.00	6,584.34	6,583.13	351.86	1.62	-86.29	-271.65	-6,943.80	7,113.80	7,028.39	85.42	83.285		
19,100.00	6,840.00	6,583.06	6,581.85	354.56	1.62	-86.25	-271.65	-6,943.83	7,209.54	7,124.61	84.93	84.888		
19,200.00	6,840.00	6,581.80	6,580.59	357.26	1.62	-86.22	-271.65	-6,943.85	7,305.40	7,220.94	84.46	86.497		
19,300.00	6,840.00	6,580.54	6,579.33	359.95	1.62	-86.18	-271.65	-6,943.87	7,401.36	7,317.36	84.00	88.110		
19,400.00	6,840.00	6,579.30	6,578.09	362.65	1.62	-86.15	-271.64	-6,943.90	7,497.43	7,413.87	83.56	89.727		
19,500.00	6,840.00	6,578.06	6,576.85	365.35	1.62	-86.11	-271.64	-6,943.92	7,593.60	7,510.48	83.13	91.348		
19,600.00	6,840.00	6,576.84	6,575.63	368.05	1.62	-86.08	-271.64	-6,943.94	7,689.87	7,607.16	82.71	92.974		
19,700.00	6,840.00	6,575.63	6,574.42	370.74	1.62	-86.05	-271.64	-6,943.97	7,786.23	7,703.93	82.30	94.603		
19,800.00	6,840.00	6,574.43	6,573.22	373.44	1.62	-86.01	-271.64	-6,943.99	7,882.69	7,800.78	81.91	96.235		
19,900.00	6,840.00	6,573.23	6,572.02	376.14	1.62	-85.98	-271.63	-6,944.01	7,979.23	7,897.70	81.53	97.870		
20,000.00	6,840.00	6,572.05	6,570.84	378.84	1.62	-85.95	-271.63	-6,944.03	8,075.85	7,994.69	81.16	99.508		
20,100.00	6,840.00	6,570.88	6,569.67	381.54	1.62	-85.92	-271.63	-6,944.05	8,172.55	8,091.76	80.80	101.149		
20,200.00	6,840.00	6,569.71	6,568.51	384.24	1.62	-85.88	-271.63	-6,944.07	8,269.34	8,188.89	80.45	102.792		
20,300.00	6,840.00	6,568.56	6,567.35	386.94	1.62	-85.85	-271.63	-6,944.10	8,366.19	8,286.09	80.11	104.438		
20,400.00	6,840.00	6,567.42	6,566.21	389.64	1.62	-85.82	-271.62	-6,944.12	8,463.12	8,383.35	79.78	106.085		
20,500.00	6,840.00	6,566.28	6,565.08	392.34	1.62	-85.79	-271.62	-6,944.14	8,560.12	8,480.67	79.46	107.735		
20,600.00	6,840.00	6,565.16	6,563.95	395.04	1.62	-85.76	-271.62	-6,944.16	8,657.19	8,578.05	79.14	109.385		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	6,565.05	6,563.84	395.31	1.62	-85.75	-271.62	-6,944.16	8,666.67	8,587.55	79.11	109.547	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-80.46	943.09	-5,613.93	5,693.64					
100.00	100.00	9.00	-9.00	0.13	0.07	-80.46	943.09	-5,613.93	5,692.60	5,692.39	0.21	N/A		
200.00	200.00	109.00	91.00	0.49	0.94	-80.46	943.09	-5,613.93	5,692.60	5,691.16	1.44	3,965.923		
300.00	300.00	209.00	191.00	0.85	2.69	-80.46	943.09	-5,613.93	5,692.60	5,689.06	3.54	1,608.451		
400.00	400.00	309.00	291.00	1.21	4.43	-80.46	943.09	-5,613.93	5,692.60	5,686.95	5.64	1,008.793		
500.00	499.98	409.02	390.98	1.57	6.18	-31.23	943.09	-5,613.93	5,691.10	5,683.36	7.74	734.839		
600.00	599.84	509.16	490.84	1.93	7.93	-31.30	943.09	-5,613.93	5,686.63	5,676.78	9.85	577.318		
700.00	699.45	609.55	590.45	2.29	9.68	-31.42	943.09	-5,613.93	5,679.18	5,667.21	11.96	474.705		
800.00	798.70	689.70	689.70	2.67	11.08	-31.60	943.09	-5,613.93	5,668.77	5,655.04	13.73	412.904		
900.00	897.47	788.47	788.47	3.07	12.80	-31.82	943.09	-5,613.93	5,655.41	5,639.59	15.83	357.347		
1,000.00	995.62	886.62	886.62	3.50	14.51	-32.10	943.09	-5,613.93	5,639.14	5,621.22	17.92	314.657		
1,100.00	1,093.06	984.06	984.06	3.97	16.22	-32.43	943.09	-5,613.93	5,619.98	5,599.97	20.02	280.779		
1,200.00	1,189.64	1,080.64	1,080.64	4.47	17.90	-32.81	943.09	-5,613.93	5,597.97	5,575.86	22.11	253.202		
1,300.00	1,285.27	1,176.27	1,176.27	5.01	19.57	-33.25	943.09	-5,613.93	5,573.14	5,548.94	24.20	230.283		
1,400.00	1,379.82	1,270.82	1,270.82	5.61	21.22	-33.75	943.09	-5,613.93	5,545.54	5,519.25	26.29	210.906		
1,500.00	1,473.17	1,364.17	1,364.17	6.25	22.85	-34.31	943.09	-5,613.93	5,515.23	5,486.84	28.39	194.286		
1,600.00	1,565.21	1,456.21	1,456.21	6.96	24.46	-34.94	943.09	-5,613.93	5,482.25	5,451.77	30.48	179.853		
1,700.00	1,656.01	1,547.01	1,547.01	7.72	26.04	-35.41	943.09	-5,613.93	5,446.97	5,414.39	32.58	167.189		
1,800.00	1,746.60	1,637.60	1,637.60	8.50	27.62	-35.66	943.09	-5,613.93	5,411.42	5,376.73	34.68	156.021		
1,900.00	1,837.19	1,728.19	1,728.19	9.30	29.20	-35.91	943.09	-5,613.93	5,375.96	5,339.16	36.80	146.078		
2,000.00	1,927.79	1,818.79	1,818.79	10.12	30.78	-36.17	943.09	-5,613.93	5,340.61	5,301.68	38.93	137.179		
2,100.00	2,018.38	1,909.38	1,909.38	10.93	32.36	-36.43	943.09	-5,613.93	5,305.36	5,264.29	41.07	129.171		
2,200.00	2,108.97	2,000.03	1,999.97	11.76	33.95	-36.70	943.09	-5,613.93	5,270.21	5,226.99	43.22	121.930		
2,300.00	2,199.56	2,109.44	2,090.56	12.59	35.86	-36.97	943.09	-5,613.93	5,235.17	5,189.46	45.71	114.529		
2,400.00	2,290.15	2,181.15	2,181.15	13.43	37.11	-37.24	943.09	-5,613.93	5,200.24	5,152.69	47.55	109.369		
2,500.00	2,380.75	2,271.75	2,271.75	14.26	38.69	-37.51	943.09	-5,613.93	5,165.42	5,115.70	49.72	103.885		
2,600.00	2,471.34	2,362.34	2,362.34	15.11	40.27	-37.79	943.09	-5,613.93	5,130.71	5,078.81	51.90	98.850		
2,700.00	2,561.93	2,452.93	2,452.93	15.95	41.85	-38.07	943.09	-5,613.93	5,096.12	5,042.03	54.09	94.211		
2,800.00	2,652.52	2,543.52	2,543.52	16.80	43.43	-38.36	943.09	-5,613.93	5,061.65	5,005.36	56.29	89.924		
2,900.00	2,743.12	2,634.12	2,634.12	17.64	45.01	-38.64	943.09	-5,613.93	5,027.29	4,968.80	58.49	85.951		
3,000.00	2,833.71	2,724.71	2,724.71	18.49	46.60	-38.94	943.09	-5,613.93	4,993.06	4,932.36	60.70	82.260		
3,100.00	2,924.30	2,815.30	2,815.30	19.35	48.18	-39.23	943.09	-5,613.93	4,958.95	4,896.04	62.91	78.822		
3,200.00	3,014.89	2,905.89	2,905.89	20.20	49.76	-39.53	943.09	-5,613.93	4,924.98	4,859.84	65.13	75.612		
3,300.00	3,105.48	3,003.52	2,996.48	21.05	51.46	-39.84	943.09	-5,613.93	4,891.13	4,823.64	67.48	72.478		
3,400.00	3,196.08	3,087.08	3,087.08	21.91	52.92	-40.15	943.09	-5,613.93	4,857.41	4,787.82	69.60	69.795		
3,500.00	3,286.67	3,177.67	3,177.67	22.76	54.50	-40.46	943.09	-5,613.93	4,823.84	4,752.00	71.84	67.151		
3,600.00	3,377.26	3,268.26	3,268.26	23.62	56.08	-40.77	943.09	-5,613.93	4,790.40	4,716.32	74.08	64.664		
3,700.00	3,467.85	3,358.85	3,358.85	24.47	57.66	-41.09	943.09	-5,613.93	4,757.10	4,680.77	76.33	62.320		
3,800.00	3,558.45	3,449.45	3,449.45	25.33	59.24	-41.42	943.09	-5,613.93	4,723.95	4,645.35	78.59	60.107		
3,900.00	3,649.04	3,540.04	3,540.04	26.19	60.83	-41.75	943.09	-5,613.93	4,690.94	4,610.09	80.86	58.015		
4,000.00	3,739.63	3,630.63	3,630.63	27.05	62.41	-42.08	943.09	-5,613.93	4,658.09	4,574.96	83.13	56.035		
4,100.00	3,830.22	3,721.22	3,721.22	27.90	63.99	-42.41	943.09	-5,613.93	4,625.39	4,539.98	85.41	54.157		
4,200.00	3,920.81	3,811.81	3,811.81	28.76	65.57	-42.76	943.09	-5,613.93	4,592.85	4,505.16	87.69	52.376		
4,300.00	4,011.41	3,902.41	3,902.41	29.62	67.15	-43.10	943.09	-5,613.93	4,560.47	4,470.49	89.98	50.682		
4,400.00	4,102.00	4,007.00	3,993.00	30.48	68.98	-43.45	943.09	-5,613.93	4,528.25	4,435.73	92.52	48.942		
4,500.00	4,192.59	4,083.59	4,083.59	31.34	70.31	-43.81	943.09	-5,613.93	4,496.20	4,401.62	94.58	47.537		
4,600.00	4,283.18	4,174.18	4,174.18	32.20	71.89	-44.17	943.09	-5,613.93	4,464.33	4,367.43	96.89	46.074		
4,700.00	4,373.78	4,264.78	4,264.78	33.06	73.47	-44.53	943.09	-5,613.93	4,432.62	4,333.41	99.21	44.678		
4,800.00	4,464.37	4,355.37	4,355.37	33.92	75.06	-44.90	943.09	-5,613.93	4,401.10	4,299.57	101.54	43.345		
4,900.00	4,554.96	4,445.96	4,445.96	34.78	76.64	-45.27	943.09	-5,613.93	4,369.76	4,265.89	103.87	42.070		
5,000.00	4,645.55	4,536.55	4,536.55	35.64	78.22	-45.65	943.09	-5,613.93	4,338.61	4,232.40	106.21	40.850		
5,100.00	4,736.14	4,627.14	4,627.14	36.51	79.80	-46.04	943.09	-5,613.93	4,307.65	4,199.10	108.55	39.682		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 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	4,826.74	4,717.74	4,717.74	37.37	81.38	-46.42	943.09	-5,613.93	4,276.88	4,165.98	110.91	38.563		
5,300.00	4,917.33	4,808.33	4,808.33	38.23	82.96	-46.82	943.09	-5,613.93	4,246.32	4,133.05	113.27	37.490		
5,400.00	5,007.92	4,901.08	4,898.92	39.09	84.58	-47.22	943.09	-5,613.93	4,215.95	4,100.28	115.67	36.447		
5,500.00	5,098.51	4,989.51	4,989.51	39.95	86.12	-47.62	943.09	-5,613.93	4,185.80	4,067.79	118.01	35.470		
5,600.00	5,189.11	5,080.11	5,080.11	40.81	87.70	-48.03	943.09	-5,613.93	4,155.85	4,035.46	120.39	34.519		
5,700.00	5,279.70	5,170.70	5,170.70	41.68	89.29	-48.44	943.09	-5,613.93	4,126.13	4,003.35	122.78	33.605		
5,800.00	5,370.29	5,261.29	5,261.29	42.54	90.87	-48.86	943.09	-5,613.93	4,096.63	3,971.44	125.18	32.726		
5,900.00	5,460.88	5,351.88	5,351.88	43.40	92.45	-49.29	943.09	-5,613.93	4,067.35	3,939.76	127.59	31.879		
6,000.00	5,551.47	5,442.47	5,442.47	44.26	94.03	-49.72	943.09	-5,613.93	4,038.30	3,908.30	130.00	31.064		
6,100.00	5,642.07	5,533.07	5,533.07	45.13	95.61	-50.16	943.09	-5,613.93	4,009.50	3,877.07	132.42	30.278		
6,200.00	5,732.66	5,623.66	5,623.66	45.99	97.19	-50.60	943.09	-5,613.93	3,980.93	3,846.08	134.85	29.521		
6,300.00	5,823.25	5,714.25	5,714.25	46.85	98.77	-51.05	943.09	-5,613.93	3,952.61	3,815.32	137.29	28.791		
6,400.00	5,913.84	5,804.84	5,804.84	47.72	100.35	-51.50	943.09	-5,613.93	3,924.54	3,784.81	139.73	28.086		
6,500.00	6,004.44	5,904.56	5,895.44	48.58	102.09	-51.96	943.09	-5,613.93	3,896.74	3,754.39	142.35	27.375		
6,600.00	6,095.03	5,986.03	5,986.03	49.44	103.52	-52.43	943.09	-5,613.93	3,869.19	3,724.54	144.65	26.749		
6,700.00	6,185.62	6,076.62	6,076.62	50.30	105.10	-52.90	943.09	-5,613.93	3,841.92	3,694.80	147.12	26.115		
6,800.00	6,276.21	6,167.21	6,167.21	51.17	106.68	-53.37	943.09	-5,613.93	3,814.92	3,665.32	149.59	25.502		
6,900.00	6,366.80	6,257.80	6,257.80	52.03	108.26	-53.86	943.09	-5,613.93	3,788.20	3,636.12	152.08	24.910		
7,000.00	6,457.40	6,348.40	6,348.40	52.89	109.84	-54.35	943.09	-5,613.93	3,761.76	3,607.19	154.57	24.337		
7,100.00	6,548.00	6,439.00	6,439.00	53.75	111.42	-54.83	943.09	-5,613.93	3,735.32	3,578.27	157.06	23.744		
7,200.00	6,638.60	6,529.60	6,529.60	54.61	113.00	-55.32	943.09	-5,613.93	3,708.88	3,549.35	159.55	23.151		
7,300.00	6,729.20	6,620.20	6,620.20	55.47	114.58	-55.81	943.09	-5,613.93	3,682.44	3,520.43	162.04	22.558		
7,400.00	6,819.80	6,710.80	6,710.80	56.33	116.16	-56.30	943.09	-5,613.93	3,655.99	3,491.51	164.53	21.965		
7,500.00	6,910.40	6,801.40	6,801.40	57.19	117.74	-56.79	943.09	-5,613.93	3,629.55	3,462.59	167.02	21.372		
7,600.00	7,001.00	6,892.00	6,892.00	58.05	119.32	-57.28	943.09	-5,613.93	3,603.11	3,433.67	169.51	20.779		
7,700.00	7,091.60	6,982.60	6,982.60	58.91	120.90	-57.77	943.09	-5,613.93	3,576.67	3,404.75	172.00	20.186		
7,800.00	7,182.20	7,073.20	7,073.20	59.77	122.48	-58.26	943.09	-5,613.93	3,550.23	3,375.83	174.49	19.593		
7,900.00	7,272.80	7,163.80	7,163.80	60.63	124.06	-58.75	943.09	-5,613.93	3,523.79	3,346.91	176.98	19.000		
8,000.00	7,363.40	7,254.40	7,254.40	61.49	125.64	-59.24	943.09	-5,613.93	3,497.35	3,317.99	179.47	18.407		
8,100.00	7,454.00	7,345.00	7,345.00	62.35	127.22	-59.73	943.09	-5,613.93	3,470.91	3,289.07	181.96	17.814		
8,200.00	7,544.60	7,435.60	7,435.60	63.21	128.80	-60.22	943.09	-5,613.93	3,444.47	3,260.15	184.45	17.221		
8,300.00	7,635.20	7,526.20	7,526.20	64.07	130.38	-60.71	943.09	-5,613.93	3,418.03	3,231.23	186.94	16.628		
8,400.00	7,725.80	7,616.80	7,616.80	64.93	131.96	-61.20	943.09	-5,613.93	3,391.59	3,202.31	189.43	16.035		
8,500.00	7,816.40	7,707.40	7,707.40	65.79	133.54	-61.69	943.09	-5,613.93	3,365.15	3,173.39	191.92	15.442		
8,600.00	7,907.00	7,798.00	7,798.00	66.65	135.12	-62.18	943.09	-5,613.93	3,338.71	3,144.47	194.41	14.849		
8,700.00	7,997.60	7,888.60	7,888.60	67.51	136.70	-62.67	943.09	-5,613.93	3,312.27	3,115.55	196.90	14.256		
8,800.00	8,088.20	7,979.20	7,979.20	68.37	138.28	-63.16	943.09	-5,613.93	3,285.83	3,086.63	199.39	13.663		
8,900.00	8,178.80	8,069.80	8,069.80	69.23	139.86	-63.65	943.09	-5,613.93	3,259.39	3,057.71	201.88	13.070		
9,000.00	8,269.40	8,160.40	8,160.40	70.09	141.44	-64.14	943.09	-5,613.93	3,232.95	3,028.79	204.37	12.477		
9,100.00	8,360.00	8,251.00	8,251.00	70.95	143.02	-64.63	943.09	-5,613.93	3,206.51	2,999.87	206.86	11.884		
9,200.00	8,450.60	8,341.60	8,341.60	71.81	144.60	-65.12	943.09	-5,613.93	3,180.07	2,970.95	209.35	11.291		
9,300.00	8,541.20	8,432.20	8,432.20	72.67	146.18	-65.61	943.09	-5,613.93	3,153.63	2,942.03	211.84	10.698		
9,400.00	8,631.80	8,522.80	8,522.80	73.53	147.76	-66.10	943.09	-5,613.93	3,127.19	2,913.11	214.33	10.105		
9,500.00	8,722.40	8,613.40	8,613.40	74.39	149.34	-66.59	943.09	-5,613.93	3,100.75	2,884.19	216.82	9.512		
9,600.00	8,813.00	8,704.00	8,704.00	75.25	150.92	-67.08	943.09	-5,613.93	3,074.31	2,855.27	219.31	8.919		
9,700.00	8,903.60	8,794.60	8,794.60	76.11	152.50	-67.57	943.09	-5,613.93	3,047.87	2,826.35	221.80	8.326		
9,800.00	8,994.20	8,885.20	8,885.20	76.97	154.08	-68.06	943.09	-5,613.93	3,021.43	2,797.43	224.29	7.733		
9,900.00	9,084.80	8,975.80	8,975.80	77.83	155.66	-68.55	943.09	-5,613.93	2,994.99	2,768.51	226.78	7.140		
10,000.00	9,175.40	9,066.40	9,066.40	78.69	157.24	-69.04	943.09	-5,613.93	2,968.55	2,739.59	229.27	6.547		
10,100.00	9,266.00	9,157.00	9,157.00	79.55	158.82	-69.53	943.09	-5,613.93	2,942.11	2,710.67	231.76	5.954		
10,200.00	9,356.60	9,247.60	9,247.60	80.41	160.40	-70.02	943.09	-5,613.93	2,915.67	2,681.75	234.25	5.361		
10,300.00	9,447.20	9,338.20	9,338.20	81.27	161.98	-70.51	943.09	-5,613.93	2,889.23	2,652.83	236.74	4.768		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	124.14	116.52	-90.00	943.09	-5,613.93	964.38	727.61	236.77	4.073		
10,500.00	6,840.00	6,731.00	6,731.00	126.65	116.52	-90.00	943.09	-5,613.93	919.93	678.48	241.45	3.810		
10,600.00	6,840.00	6,731.00	6,731.00	129.18	116.52	-90.00	943.09	-5,613.93	884.60	639.23	245.37	3.605		
10,700.00	6,840.00	6,731.00	6,731.00	131.70	116.52	-90.00	943.09	-5,613.93	859.51	611.36	248.16	3.464		
10,800.00	6,840.00	6,731.00	6,731.00	134.24	116.52	-90.00	943.09	-5,613.93	845.58	596.13	249.45	3.390		
10,868.77	6,840.00	6,731.00	6,731.00	135.99	116.52	-90.00	943.09	-5,613.93	842.78	593.42	249.36	3.380	CC, ES, SF	
10,900.00	6,840.00	6,731.00	6,731.00	136.79	116.52	-90.00	943.09	-5,613.93	843.36	594.31	249.05	3.386		
11,000.00	6,840.00	6,731.00	6,731.00	139.34	116.52	-90.00	943.09	-5,613.93	852.94	605.99	246.95	3.454		
11,100.00	6,840.00	6,731.00	6,731.00	141.90	116.52	-90.00	943.09	-5,613.93	873.92	630.59	243.34	3.591		
11,200.00	6,840.00	6,731.00	6,731.00	144.46	116.52	-90.00	943.09	-5,613.93	905.53	666.96	238.58	3.796		
11,300.00	6,840.00	6,731.00	6,731.00	147.03	116.52	-90.00	943.09	-5,613.93	946.70	713.63	233.07	4.062		
11,400.00	6,840.00	6,731.00	6,731.00	149.60	116.52	-90.00	943.09	-5,613.93	996.23	769.03	227.20	4.385		
11,500.00	6,840.00	6,731.00	6,731.00	152.18	116.52	-90.00	943.09	-5,613.93	1,052.96	831.68	221.28	4.758		
11,600.00	6,840.00	6,731.00	6,731.00	154.77	116.52	-90.00	943.09	-5,613.93	1,115.78	900.25	215.53	5.177		
11,700.00	6,840.00	6,731.00	6,731.00	157.36	116.52	-90.00	943.09	-5,613.93	1,183.73	973.65	210.08	5.635		
11,800.00	6,840.00	6,731.00	6,731.00	159.95	116.52	-90.00	943.09	-5,613.93	1,255.97	1,050.95	205.02	6.126		
11,900.00	6,840.00	6,731.00	6,731.00	162.55	116.52	-90.00	943.09	-5,613.93	1,331.81	1,131.44	200.37	6.647		
12,000.00	6,840.00	6,731.00	6,731.00	165.16	116.52	-90.00	943.09	-5,613.93	1,410.66	1,214.53	196.13	7.193		
12,100.00	6,840.00	6,731.00	6,731.00	167.76	116.52	-90.00	943.09	-5,613.93	1,492.05	1,299.76	192.29	7.760		
12,200.00	6,840.00	6,731.00	6,731.00	170.37	116.52	-90.00	943.09	-5,613.93	1,575.58	1,386.76	188.82	8.344		
12,300.00	6,840.00	6,731.00	6,731.00	172.99	116.52	-90.00	943.09	-5,613.93	1,660.93	1,475.24	185.69	8.945		
12,400.00	6,840.00	6,731.00	6,731.00	175.60	116.52	-90.00	943.09	-5,613.93	1,747.84	1,564.97	182.87	9.558		
12,500.00	6,840.00	6,731.00	6,731.00	178.23	116.52	-90.00	943.09	-5,613.93	1,836.08	1,655.74	180.33	10.181		
12,600.00	6,840.00	6,731.00	6,731.00	180.85	116.52	-90.00	943.09	-5,613.93	1,925.47	1,747.42	178.05	10.814		
12,700.00	6,840.00	6,731.00	6,731.00	183.47	116.52	-90.00	943.09	-5,613.93	2,015.86	1,839.87	175.99	11.454		
12,800.00	6,840.00	6,731.00	6,731.00	186.10	116.52	-90.00	943.09	-5,613.93	2,107.11	1,932.98	174.13	12.101		
12,900.00	6,840.00	6,731.00	6,731.00	188.74	116.52	-90.00	943.09	-5,613.93	2,199.13	2,026.68	172.45	12.752		
13,000.00	6,840.00	6,731.00	6,731.00	191.37	116.52	-90.00	943.09	-5,613.93	2,291.81	2,120.88	170.93	13.408		
13,100.00	6,840.00	6,731.00	6,731.00	194.01	116.52	-90.00	943.09	-5,613.93	2,385.09	2,215.53	169.56	14.066		
13,200.00	6,840.00	6,731.00	6,731.00	196.65	116.52	-90.00	943.09	-5,613.93	2,478.89	2,310.57	168.32	14.727		
13,300.00	6,840.00	6,731.00	6,731.00	199.29	116.52	-90.00	943.09	-5,613.93	2,573.16	2,405.97	167.19	15.391		
13,400.00	6,840.00	6,731.00	6,731.00	201.93	116.52	-90.00	943.09	-5,613.93	2,667.84	2,501.68	166.17	16.055		
13,500.00	6,840.00	6,731.00	6,731.00	204.58	116.52	-90.00	943.09	-5,613.93	2,762.90	2,597.67	165.23	16.721		
13,600.00	6,840.00	6,731.00	6,731.00	207.22	116.52	-90.00	943.09	-5,613.93	2,858.30	2,693.91	164.39	17.388		
13,700.00	6,840.00	6,731.00	6,731.00	209.87	116.52	-90.00	943.09	-5,613.93	2,954.00	2,790.39	163.62	18.054		
13,800.00	6,840.00	6,731.00	6,731.00	212.52	116.52	-90.00	943.09	-5,613.93	3,049.98	2,887.06	162.91	18.721		
13,900.00	6,840.00	6,731.00	6,731.00	215.18	116.52	-90.00	943.09	-5,613.93	3,146.21	2,983.93	162.27	19.388		
14,000.00	6,840.00	6,731.00	6,731.00	217.83	116.52	-90.00	943.09	-5,613.93	3,242.66	3,080.97	161.69	20.055		
14,100.00	6,840.00	6,731.00	6,731.00	220.49	116.52	-90.00	943.09	-5,613.93	3,339.33	3,178.17	161.16	20.721		
14,200.00	6,840.00	6,731.00	6,731.00	223.15	116.52	-90.00	943.09	-5,613.93	3,436.18	3,275.51	160.67	21.386		
14,300.00	6,840.00	6,731.00	6,731.00	225.81	116.52	-90.00	943.09	-5,613.93	3,533.21	3,372.99	160.23	22.051		
14,400.00	6,840.00	6,731.00	6,731.00	228.47	116.52	-90.00	943.09	-5,613.93	3,630.41	3,470.58	159.82	22.715		
14,500.00	6,840.00	6,731.00	6,731.00	231.13	116.52	-90.00	943.09	-5,613.93	3,727.75	3,568.30	159.45	23.379		
14,600.00	6,840.00	6,731.00	6,731.00	233.79	116.52	-90.00	943.09	-5,613.93	3,825.22	3,666.11	159.11	24.041		
14,700.00	6,840.00	6,731.00	6,731.00	236.46	116.52	-90.00	943.09	-5,613.93	3,922.83	3,764.03	158.80	24.703		
14,800.00	6,840.00	6,731.00	6,731.00	239.12	116.52	-90.00	943.09	-5,613.93	4,020.55	3,862.03	158.52	25.363		
14,900.00	6,840.00	6,731.00	6,731.00	241.79	116.52	-90.00	943.09	-5,613.93	4,118.38	3,960.12	158.26	26.022		
15,000.00	6,840.00	6,731.00	6,731.00	244.46	116.52	-90.00	943.09	-5,613.93	4,216.32	4,058.29	158.03	26.681		
15,100.00	6,840.00	6,731.00	6,731.00	247.13	116.52	-90.00	943.09	-5,613.93	4,314.34	4,156.53	157.81	27.338		
15,200.00	6,840.00	6,731.00	6,731.00	249.80	116.52	-90.00	943.09	-5,613.93	4,412.46	4,254.84	157.62	27.994		
15,300.00	6,840.00	6,731.00	6,731.00	252.47	116.52	-90.00	943.09	-5,613.93	4,510.66	4,353.22	157.44	28.650		
15,400.00	6,840.00	6,731.00	6,731.00	255.15	116.52	-90.00	943.09	-5,613.93	4,608.94	4,451.66	157.28	29.304		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	257.82	116.52	-90.00	943.09	-5,613.93	4,707.29	4,550.15	157.14	29.957		
15,600.00	6,840.00	6,731.00	6,731.00	260.50	116.52	-90.00	943.09	-5,613.93	4,805.70	4,648.70	157.01	30.609		
15,700.00	6,840.00	6,731.00	6,731.00	263.17	116.52	-90.00	943.09	-5,613.93	4,904.19	4,747.30	156.89	31.259		
15,800.00	6,840.00	6,731.00	6,731.00	265.85	116.52	-90.00	943.09	-5,613.93	5,002.73	4,845.95	156.78	31.909		
15,900.00	6,840.00	6,731.00	6,731.00	268.53	116.52	-90.00	943.09	-5,613.93	5,101.33	4,944.64	156.69	32.558		
16,000.00	6,840.00	6,731.00	6,731.00	271.20	116.52	-90.00	943.09	-5,613.93	5,199.98	5,043.38	156.60	33.205		
16,100.00	6,840.00	6,731.00	6,731.00	273.88	116.52	-90.00	943.09	-5,613.93	5,298.68	5,142.15	156.53	33.851		
16,200.00	6,840.00	6,731.00	6,731.00	276.56	116.52	-90.00	943.09	-5,613.93	5,397.43	5,240.97	156.46	34.497		
16,300.00	6,840.00	6,731.00	6,731.00	279.25	116.52	-90.00	943.09	-5,613.93	5,496.23	5,339.82	156.41	35.141		
16,400.00	6,840.00	6,731.00	6,731.00	281.93	116.52	-90.00	943.09	-5,613.93	5,595.07	5,438.71	156.36	35.784		
16,500.00	6,840.00	6,731.00	6,731.00	284.61	116.52	-90.00	943.09	-5,613.93	5,693.94	5,537.63	156.31	36.426		
16,600.00	6,840.00	6,731.00	6,731.00	287.29	116.52	-90.00	943.09	-5,613.93	5,792.86	5,636.58	156.28	37.067		
16,700.00	6,840.00	6,731.00	6,731.00	289.98	116.52	-90.00	943.09	-5,613.93	5,891.82	5,735.56	156.25	37.707		
16,800.00	6,840.00	6,731.00	6,731.00	292.66	116.52	-90.00	943.09	-5,613.93	5,990.80	5,834.57	156.23	38.346		
16,900.00	6,840.00	6,731.00	6,731.00	295.35	116.52	-90.00	943.09	-5,613.93	6,089.83	5,933.61	156.21	38.984		
17,000.00	6,840.00	6,731.00	6,731.00	298.03	116.52	-90.00	943.09	-5,613.93	6,188.88	6,032.68	156.20	39.621		
17,100.00	6,840.00	6,731.00	6,731.00	300.72	116.52	-90.00	943.09	-5,613.93	6,287.96	6,131.77	156.20	40.257		
17,200.00	6,840.00	6,731.00	6,731.00	303.41	116.52	-90.00	943.09	-5,613.93	6,387.07	6,230.88	156.20	40.891		
17,300.00	6,840.00	6,731.00	6,731.00	306.09	116.52	-90.00	943.09	-5,613.93	6,486.21	6,330.01	156.20	41.525		
17,400.00	6,840.00	6,731.00	6,731.00	308.78	116.52	-90.00	943.09	-5,613.93	6,585.38	6,429.17	156.21	42.158		
17,500.00	6,840.00	6,731.00	6,731.00	311.47	116.52	-90.00	943.09	-5,613.93	6,684.57	6,528.35	156.22	42.790		
17,600.00	6,840.00	6,731.00	6,731.00	314.16	116.52	-90.00	943.09	-5,613.93	6,783.78	6,627.55	156.24	43.420		
17,700.00	6,840.00	6,731.00	6,731.00	316.85	116.52	-90.00	943.09	-5,613.93	6,883.02	6,726.76	156.25	44.050		
17,800.00	6,840.00	6,731.00	6,731.00	319.54	116.52	-90.00	943.09	-5,613.93	6,982.28	6,826.00	156.28	44.679		
17,900.00	6,840.00	6,731.00	6,731.00	322.23	116.52	-90.00	943.09	-5,613.93	7,081.56	6,925.25	156.30	45.306		
18,000.00	6,840.00	6,731.00	6,731.00	324.92	116.52	-90.00	943.09	-5,613.93	7,180.86	7,024.52	156.33	45.933		
18,100.00	6,840.00	6,731.00	6,731.00	327.62	116.52	-90.00	943.09	-5,613.93	7,280.17	7,123.81	156.36	46.559		
18,200.00	6,840.00	6,731.00	6,731.00	330.31	116.52	-90.00	943.09	-5,613.93	7,379.51	7,223.11	156.40	47.184		
18,300.00	6,840.00	6,731.00	6,731.00	333.00	116.52	-90.00	943.09	-5,613.93	7,478.87	7,322.43	156.44	47.808		
18,400.00	6,840.00	6,731.00	6,731.00	335.70	116.52	-90.00	943.09	-5,613.93	7,578.24	7,421.76	156.48	48.430		
18,500.00	6,840.00	6,731.00	6,731.00	338.39	116.52	-90.00	943.09	-5,613.93	7,677.62	7,521.11	156.52	49.052		
18,600.00	6,840.00	6,731.00	6,731.00	341.08	116.52	-90.00	943.09	-5,613.93	7,777.03	7,620.46	156.56	49.673		
18,700.00	6,840.00	6,731.00	6,731.00	343.78	116.52	-90.00	943.09	-5,613.93	7,876.45	7,719.84	156.61	50.293		
18,800.00	6,840.00	6,731.00	6,731.00	346.47	116.52	-90.00	943.09	-5,613.93	7,975.88	7,819.22	156.66	50.912		
18,900.00	6,840.00	6,731.00	6,731.00	349.17	116.52	-90.00	943.09	-5,613.93	8,075.33	7,918.62	156.71	51.530		
19,000.00	6,840.00	6,731.00	6,731.00	351.86	116.52	-90.00	943.09	-5,613.93	8,174.79	8,018.02	156.76	52.147		
19,100.00	6,840.00	6,731.00	6,731.00	354.56	116.52	-90.00	943.09	-5,613.93	8,274.26	8,117.44	156.82	52.764		
19,200.00	6,840.00	6,731.00	6,731.00	357.26	116.52	-90.00	943.09	-5,613.93	8,373.75	8,216.87	156.87	53.379		
19,300.00	6,840.00	6,731.00	6,731.00	359.95	116.52	-90.00	943.09	-5,613.93	8,473.25	8,316.31	156.93	53.993		
19,400.00	6,840.00	6,731.00	6,731.00	362.65	116.52	-90.00	943.09	-5,613.93	8,572.76	8,415.76	156.99	54.606		
19,500.00	6,840.00	6,731.00	6,731.00	365.35	116.52	-90.00	943.09	-5,613.93	8,672.28	8,515.22	157.05	55.219		
19,600.00	6,840.00	6,731.00	6,731.00	368.05	116.52	-90.00	943.09	-5,613.93	8,771.81	8,614.69	157.12	55.830		
19,700.00	6,840.00	6,731.00	6,731.00	370.74	116.52	-90.00	943.09	-5,613.93	8,871.35	8,714.17	157.18	56.441		
19,800.00	6,840.00	6,731.00	6,731.00	373.44	116.52	-90.00	943.09	-5,613.93	8,970.90	8,813.66	157.24	57.051		
19,900.00	6,840.00	6,731.00	6,731.00	376.14	116.52	-90.00	943.09	-5,613.93	9,070.47	8,913.15	157.31	57.659		
20,000.00	6,840.00	6,731.00	6,731.00	378.84	116.52	-90.00	943.09	-5,613.93	9,170.04	9,012.66	157.38	58.267		
20,100.00	6,840.00	6,731.00	6,731.00	381.54	116.52	-90.00	943.09	-5,613.93	9,269.62	9,112.17	157.45	58.874		
20,200.00	6,840.00	6,731.00	6,731.00	384.24	116.52	-90.00	943.09	-5,613.93	9,369.21	9,211.69	157.52	59.480		
20,300.00	6,840.00	6,731.00	6,731.00	386.94	116.52	-90.00	943.09	-5,613.93	9,468.81	9,311.22	157.59	60.085		
20,400.00	6,840.00	6,731.00	6,731.00	389.64	116.52	-90.00	943.09	-5,613.93	9,568.42	9,410.75	157.66	60.689		
20,500.00	6,840.00	6,731.00	6,731.00	392.34	116.52	-90.00	943.09	-5,613.93	9,668.03	9,510.29	157.74	61.292		
20,600.00	6,840.00	6,731.00	6,731.00	395.04	116.52	-90.00	943.09	-5,613.93	9,767.65	9,609.84	157.81	61.894		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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
20,609.76	6,840.00	6,731.00	6,731.00	395.31	116.52	-90.00	943.09	-5,613.93	9,777.38	9,619.56	157.82	61.953	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-82.57	907.00	-6,953.12	7,013.16					
100.00	100.00	0.00	0.00	0.13	0.00	-82.57	907.00	-6,953.12	7,012.07	7,011.94	0.13	N/A		
126.00	126.00	0.00	0.00	0.23	0.00	-82.57	907.00	-6,953.12	7,012.02	7,011.80	0.23	N/A		
200.00	200.00	54.76	54.76	0.49	0.05	-82.57	907.06	-6,953.18	7,012.12	7,011.58	0.54	N/A		
300.00	300.00	130.98	130.97	0.85	0.14	-82.57	907.34	-6,953.50	7,012.58	7,011.59	0.99	7,101.306		
400.00	400.00	211.36	211.35	1.21	0.24	-82.56	907.73	-6,954.06	7,013.34	7,011.88	1.45	4,831.555		
500.00	499.98	296.24	296.23	1.57	0.32	-33.31	908.33	-6,954.84	7,012.88	7,011.00	1.88	3,730.966		
600.00	599.84	396.78	396.77	1.93	0.39	-33.36	909.06	-6,955.87	7,009.61	7,007.31	2.31	3,039.263		
700.00	699.45	472.47	472.45	2.29	0.44	-33.46	909.54	-6,956.77	7,003.59	7,000.88	2.71	2,580.800		
800.00	798.70	563.56	563.52	2.67	0.49	-33.60	910.22	-6,958.11	6,994.95	6,991.82	3.13	2,232.930		
900.00	897.47	662.20	662.15	3.07	0.54	-33.79	911.17	-6,959.54	6,983.44	6,979.88	3.56	1,962.296		
1,000.00	995.62	768.91	768.83	3.50	0.60	-34.04	912.64	-6,961.00	6,969.04	6,965.04	3.99	1,744.484		
1,100.00	1,093.06	896.41	896.32	3.97	0.66	-34.36	914.44	-6,962.38	6,951.53	6,947.09	4.45	1,562.657		
1,200.00	1,189.64	982.16	982.06	4.47	0.70	-34.70	915.58	-6,963.18	6,931.05	6,926.16	4.90	1,415.732		
1,300.00	1,285.27	1,075.21	1,075.09	5.01	0.74	-35.09	916.78	-6,964.17	6,907.92	6,902.56	5.36	1,288.107		
1,400.00	1,379.82	1,168.48	1,168.35	5.61	0.78	-35.54	918.05	-6,965.17	6,882.08	6,876.23	5.85	1,176.603		
1,500.00	1,473.17	1,277.66	1,277.51	6.25	0.83	-36.08	919.66	-6,966.27	6,853.50	6,847.14	6.36	1,077.388		
1,600.00	1,565.21	1,370.39	1,370.23	6.96	0.86	-36.65	921.19	-6,967.01	6,822.11	6,815.22	6.89	989.952		
1,700.00	1,656.01	1,518.45	1,518.26	7.72	0.92	-37.18	923.66	-6,967.78	6,788.25	6,780.80	7.46	910.500		
1,800.00	1,746.60	1,693.51	1,693.30	8.50	0.97	-37.57	926.06	-6,966.59	6,752.85	6,744.84	8.01	842.791		
1,900.00	1,837.19	1,781.07	1,780.85	9.30	0.99	-37.77	926.90	-6,965.56	6,717.11	6,708.54	8.57	783.690		
2,000.00	1,927.79	1,885.27	1,885.03	10.12	1.02	-38.00	928.53	-6,964.23	6,681.43	6,672.28	9.14	730.731		
2,100.00	2,018.38	1,957.63	1,957.37	10.93	1.04	-38.16	929.62	-6,963.28	6,645.78	6,636.06	9.73	683.357		
2,200.00	2,108.97	2,029.92	2,029.66	11.76	1.05	-38.33	930.28	-6,962.63	6,610.53	6,600.21	10.32	640.772		
2,300.00	2,199.56	2,112.15	2,111.89	12.59	1.08	-38.53	930.82	-6,962.05	6,575.52	6,564.60	10.92	602.365		
2,400.00	2,290.15	2,193.62	2,193.35	13.43	1.10	-38.72	931.29	-6,961.59	6,540.72	6,529.19	11.52	567.581		
2,500.00	2,380.75	2,268.17	2,267.90	14.26	1.12	-38.91	931.75	-6,961.30	6,506.18	6,494.04	12.14	535.950		
2,600.00	2,471.34	2,336.56	2,336.29	15.11	1.14	-39.07	932.33	-6,961.22	6,471.98	6,459.22	12.76	507.066		
2,700.00	2,561.93	2,401.37	2,401.09	15.95	1.17	-39.22	933.37	-6,961.36	6,438.24	6,424.84	13.40	480.641		
2,800.00	2,652.52	2,487.22	2,486.92	16.80	1.20	-39.43	935.02	-6,961.74	6,404.80	6,390.77	14.03	456.412		
2,900.00	2,743.12	2,571.99	2,571.68	17.64	1.23	-39.63	936.55	-6,962.21	6,371.54	6,356.86	14.68	434.133		
3,000.00	2,833.71	2,686.28	2,685.95	18.49	1.27	-39.91	938.18	-6,962.78	6,338.31	6,322.99	15.32	413.651		
3,100.00	2,924.30	2,782.65	2,782.31	19.35	1.30	-40.16	939.15	-6,962.98	6,304.89	6,288.91	15.97	394.678		
3,200.00	3,014.89	2,880.09	2,879.75	20.20	1.33	-40.40	940.21	-6,963.13	6,271.50	6,254.87	16.63	377.113		
3,300.00	3,105.48	2,968.50	2,968.16	21.05	1.35	-40.64	940.74	-6,963.23	6,238.17	6,220.88	17.28	360.935		
3,400.00	3,196.08	3,041.32	3,040.97	21.91	1.36	-40.83	940.65	-6,963.43	6,205.06	6,187.11	17.95	345.659		
3,500.00	3,286.67	3,112.11	3,111.76	22.76	1.36	-41.03	940.43	-6,963.93	6,172.42	6,153.79	18.63	331.302		
3,600.00	3,377.26	3,215.49	3,215.14	23.62	1.38	-41.32	940.02	-6,964.58	6,139.83	6,120.52	19.31	317.937		
3,700.00	3,467.85	3,277.90	3,277.55	24.47	1.38	-41.49	939.55	-6,965.11	6,107.56	6,087.55	20.00	305.334		
3,800.00	3,558.45	3,357.07	3,356.71	25.33	1.39	-41.72	938.65	-6,966.09	6,075.74	6,055.04	20.70	293.545		
3,900.00	3,649.04	3,450.41	3,450.04	26.19	1.40	-41.99	937.92	-6,967.27	6,044.09	6,022.70	21.39	282.547		
4,000.00	3,739.63	3,564.11	3,563.73	27.05	1.43	-42.31	939.00	-6,968.47	6,012.41	5,990.33	22.08	272.284		
4,100.00	3,830.22	3,729.40	3,729.00	27.90	1.48	-42.77	940.84	-6,968.76	5,980.03	5,957.28	22.75	262.826		
4,200.00	3,920.81	3,821.08	3,820.68	28.76	1.50	-43.03	941.49	-6,968.27	5,947.13	5,923.68	23.45	253.620		
4,300.00	4,011.41	3,880.16	3,879.76	29.62	1.51	-43.20	941.97	-6,968.17	5,914.67	5,890.50	24.16	244.782		
4,400.00	4,102.00	3,945.39	3,944.99	30.48	1.53	-43.39	942.47	-6,968.38	5,882.78	5,857.90	24.88	236.437		
4,500.00	4,192.59	4,016.83	4,016.42	31.34	1.54	-43.60	942.44	-6,968.90	5,851.38	5,825.77	25.61	228.520		
4,600.00	4,283.18	4,101.86	4,101.45	32.20	1.55	-43.86	942.29	-6,969.67	5,820.28	5,793.94	26.34	220.977		
4,700.00	4,373.78	4,162.48	4,162.07	33.06	1.57	-44.05	942.19	-6,970.41	5,789.60	5,762.52	27.08	213.763		
4,800.00	4,464.37	4,251.33	4,250.91	33.92	1.58	-44.32	941.89	-6,971.87	5,759.45	5,731.62	27.83	206.969		
4,900.00	4,554.96	4,355.53	4,355.10	34.78	1.60	-44.65	941.23	-6,973.24	5,729.13	5,700.56	28.57	200.512		
5,000.00	4,645.55	4,477.58	4,477.13	35.64	1.62	-45.04	940.64	-6,974.60	5,698.82	5,669.51	29.32	194.389		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,556.26	4,555.80	36.51	1.63	-45.30	940.24	-6,975.17	5,668.28	5,638.21	30.08	188.451		
5,200.00	4,826.74	4,600.00	4,599.54	37.37	1.63	-45.44	939.85	-6,975.64	5,638.34	5,607.49	30.86	182.726		
5,300.00	4,917.33	4,665.65	4,665.17	38.23	1.64	-45.66	939.07	-6,976.76	5,609.08	5,577.44	31.63	177.306		
5,400.00	5,007.92	4,735.08	4,734.58	39.09	1.65	-45.89	938.03	-6,978.53	5,580.65	5,548.23	32.42	172.145		
5,500.00	5,098.51	4,832.37	4,831.83	39.95	1.67	-46.22	936.83	-6,980.90	5,552.31	5,519.11	33.20	167.239		
5,600.00	5,189.11	4,907.31	4,906.74	40.81	1.69	-46.48	935.85	-6,982.87	5,524.30	5,490.31	33.99	162.513		
5,700.00	5,279.70	4,992.26	4,991.65	41.68	1.70	-46.77	934.92	-6,985.27	5,496.64	5,461.85	34.79	158.000		
5,800.00	5,370.29	5,144.74	5,144.09	42.54	1.74	-47.29	933.81	-6,988.56	5,468.41	5,432.84	35.57	153.739		
5,900.00	5,460.88	5,233.04	5,232.38	43.40	1.75	-47.60	933.28	-6,990.21	5,440.19	5,403.81	36.37	149.560		
6,000.00	5,551.47	5,362.18	5,361.49	44.26	1.79	-48.05	932.81	-6,992.28	5,411.90	5,374.74	37.17	145.601		
6,100.00	5,642.07	5,499.89	5,499.20	45.13	1.81	-48.53	932.66	-6,993.25	5,382.91	5,344.95	37.95	141.830		
6,200.00	5,732.66	5,559.30	5,558.61	45.99	1.81	-48.75	932.21	-6,993.57	5,354.01	5,315.22	38.78	138.049		
6,300.00	5,823.25	5,642.17	5,641.47	46.85	1.83	-49.05	931.56	-6,994.45	5,325.75	5,286.14	39.61	134.451		
6,400.00	5,913.84	5,793.21	5,792.51	47.72	1.84	-49.60	931.18	-6,995.21	5,297.16	5,256.77	40.39	131.139		
6,500.00	6,004.44	5,919.88	5,919.18	48.58	1.83	-50.06	931.68	-6,994.70	5,267.84	5,226.67	41.17	127.948		
6,600.00	6,095.03	6,028.41	6,027.70	49.44	1.84	-50.46	931.92	-6,993.66	5,238.23	5,196.26	41.97	124.801		
6,700.00	6,185.62	6,125.34	6,124.63	50.30	1.83	-50.83	931.80	-6,992.51	5,208.63	5,165.84	42.79	121.723		
6,800.00	6,276.21	6,220.27	6,219.55	51.17	1.83	-51.19	931.53	-6,991.18	5,179.04	5,135.42	43.62	118.736		
6,900.00	6,366.80	6,290.94	6,290.20	52.03	1.83	-51.47	931.26	-6,990.32	5,149.84	5,105.37	44.47	115.800		
7,000.00	6,457.40	6,385.20	6,384.46	52.89	1.82	-51.84	930.88	-6,989.35	5,121.00	5,075.69	45.31	113.011		
7,100.00	6,545.60	6,462.51	6,461.76	53.85	1.82	-42.63	930.62	-6,988.56	5,086.09	5,039.89	46.20	110.087		
7,200.00	6,626.13	6,536.55	6,535.80	55.05	1.82	-37.23	930.46	-6,987.98	5,036.15	4,989.02	47.13	106.853		
7,300.00	6,696.49	6,608.37	6,607.62	56.46	1.82	-35.28	930.18	-6,987.41	4,972.40	4,924.33	48.07	103.449		
7,400.00	6,754.56	6,670.34	6,669.59	58.05	1.82	-36.18	929.92	-6,986.87	4,896.69	4,847.72	48.97	99.997		
7,500.00	6,798.57	6,713.90	6,713.15	59.78	1.82	-40.60	929.77	-6,986.47	4,811.33	4,761.52	49.81	96.602		
7,600.00	6,827.18	6,738.51	6,737.76	61.58	1.82	-51.84	929.68	-6,986.25	4,718.90	4,668.36	50.54	93.363		
7,700.00	6,839.51	6,748.73	6,747.98	63.39	1.82	-80.82	929.64	-6,986.16	4,622.16	4,571.01	51.15	90.367		
7,800.00	6,840.00	6,748.43	6,747.67	65.19	1.82	-92.24	929.64	-6,986.17	4,523.99	4,472.33	51.65	87.583		
7,900.00	6,840.00	6,747.69	6,746.93	67.04	1.82	-92.19	929.65	-6,986.17	4,425.86	4,373.69	52.18	84.822		
8,000.00	6,840.00	6,746.95	6,746.19	68.95	1.82	-92.14	929.65	-6,986.18	4,327.83	4,275.10	52.73	82.075		
8,100.00	6,840.00	6,746.20	6,745.44	70.91	1.82	-92.09	929.65	-6,986.18	4,229.88	4,176.57	53.31	79.342		
8,200.00	6,840.00	6,745.45	6,744.69	72.91	1.82	-92.04	929.66	-6,986.19	4,132.03	4,078.11	53.92	76.626		
8,300.00	6,840.00	6,744.69	6,743.94	74.96	1.82	-91.99	929.66	-6,986.20	4,034.29	3,979.72	54.57	73.926		
8,400.00	6,840.00	6,743.94	6,743.18	77.05	1.82	-91.94	929.66	-6,986.20	3,936.66	3,881.41	55.26	71.245		
8,500.00	6,840.00	6,743.17	6,742.42	79.18	1.82	-91.89	929.66	-6,986.21	3,839.16	3,783.18	55.98	68.584		
8,600.00	6,840.00	6,742.41	6,741.66	81.34	1.82	-91.84	929.67	-6,986.22	3,741.78	3,685.04	56.74	65.943		
8,700.00	6,840.00	6,741.64	6,740.89	83.54	1.82	-91.79	929.67	-6,986.22	3,644.55	3,587.00	57.55	63.325		
8,800.00	6,840.00	6,740.87	6,740.11	85.76	1.82	-91.73	929.67	-6,986.23	3,547.47	3,489.06	58.41	60.731		
8,900.00	6,840.00	6,740.09	6,739.34	88.02	1.82	-91.68	929.67	-6,986.24	3,450.56	3,391.23	59.33	58.162		
9,000.00	6,840.00	6,739.31	6,738.56	90.30	1.82	-91.63	929.68	-6,986.24	3,353.82	3,293.53	60.30	55.621		
9,100.00	6,840.00	6,738.53	6,737.78	92.60	1.82	-91.58	929.68	-6,986.25	3,257.29	3,195.96	61.33	53.109		
9,200.00	6,840.00	6,737.74	6,736.99	94.93	1.82	-91.53	929.68	-6,986.26	3,160.97	3,098.53	62.44	50.628		
9,300.00	6,840.00	6,736.95	6,736.20	97.28	1.82	-91.47	929.69	-6,986.26	3,064.88	3,001.27	63.61	48.180		
9,400.00	6,840.00	6,736.16	6,735.40	99.65	1.82	-91.42	929.69	-6,986.27	2,969.06	2,904.19	64.87	45.767		
9,500.00	6,840.00	6,735.36	6,734.60	102.03	1.82	-91.37	929.69	-6,986.28	2,873.52	2,807.30	66.22	43.392		
9,600.00	6,840.00	6,734.55	6,733.80	104.43	1.82	-91.32	929.69	-6,986.28	2,778.29	2,710.62	67.67	41.057		
9,700.00	6,840.00	6,733.75	6,732.99	106.85	1.82	-91.26	929.70	-6,986.29	2,683.41	2,614.18	69.22	38.764		
9,800.00	6,840.00	6,732.94	6,732.18	109.29	1.82	-91.21	929.70	-6,986.30	2,588.91	2,518.02	70.90	36.516		
9,900.00	6,840.00	6,732.12	6,731.37	111.73	1.82	-91.15	929.70	-6,986.30	2,494.85	2,422.15	72.70	34.317		
10,000.00	6,840.00	6,731.30	6,730.55	114.19	1.82	-91.10	929.71	-6,986.31	2,401.26	2,326.61	74.65	32.168		
10,100.00	6,840.00	6,730.48	6,729.72	116.66	1.82	-91.04	929.71	-6,986.32	2,308.21	2,231.45	76.75	30.073		
10,200.00	6,840.00	6,729.65	6,728.90	119.15	1.82	-90.99	929.71	-6,986.33	2,215.76	2,136.73	79.04	28.035		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,728.82	6,728.07	121.64	1.82	-90.93	929.71	-6,986.33	2,124.00	2,042.49	81.51	26.057		
10,400.00	6,840.00	6,727.98	6,727.23	124.14	1.82	-90.88	929.72	-6,986.34	2,033.02	1,948.81	84.20	24.144		
10,500.00	6,840.00	6,727.14	6,726.39	126.65	1.82	-90.82	929.72	-6,986.35	1,942.92	1,855.79	87.13	22.298		
10,600.00	6,840.00	6,726.30	6,725.55	129.18	1.82	-90.77	929.72	-6,986.35	1,853.84	1,763.51	90.33	20.523		
10,700.00	6,840.00	6,725.45	6,724.70	131.70	1.82	-90.71	929.73	-6,986.36	1,765.93	1,672.11	93.82	18.823		
10,800.00	6,840.00	6,724.60	6,723.85	134.24	1.82	-90.65	929.73	-6,986.37	1,679.37	1,581.74	97.62	17.203		
10,900.00	6,840.00	6,723.74	6,722.99	136.79	1.82	-90.60	929.73	-6,986.38	1,594.38	1,492.60	101.78	15.665		
11,000.00	6,840.00	6,722.88	6,722.13	139.34	1.82	-90.54	929.73	-6,986.39	1,511.23	1,404.91	106.32	14.214		
11,100.00	6,840.00	6,722.02	6,721.26	141.90	1.82	-90.48	929.74	-6,986.39	1,430.24	1,318.98	111.26	12.855		
11,200.00	6,840.00	6,721.15	6,720.39	144.46	1.82	-90.42	929.74	-6,986.40	1,351.79	1,235.16	116.63	11.591		
11,300.00	6,840.00	6,720.27	6,719.52	147.03	1.82	-90.37	929.74	-6,986.41	1,276.37	1,153.94	122.42	10.426		
11,400.00	6,840.00	6,719.39	6,718.64	149.60	1.82	-90.31	929.75	-6,986.42	1,204.52	1,075.90	128.62	9.365		
11,500.00	6,840.00	6,718.51	6,717.76	152.18	1.82	-90.25	929.75	-6,986.42	1,136.94	1,001.77	135.17	8.411		
11,600.00	6,840.00	6,717.62	6,716.87	154.77	1.82	-90.19	929.75	-6,986.43	1,074.43	932.48	141.94	7.569		
11,700.00	6,840.00	6,716.73	6,715.98	157.36	1.82	-90.13	929.76	-6,986.44	1,017.92	869.16	148.76	6.843		
11,800.00	6,840.00	6,715.83	6,715.08	159.95	1.82	-90.07	929.76	-6,986.45	968.46	813.13	155.33	6.235		
11,900.00	6,840.00	6,714.93	6,714.18	162.55	1.82	-90.01	929.76	-6,986.46	927.18	765.91	161.27	5.749		
12,000.00	6,840.00	6,714.02	6,713.27	165.16	1.82	-89.95	929.77	-6,986.47	895.22	729.09	166.13	5.389		
12,100.00	6,840.00	6,713.11	6,712.36	167.76	1.82	-89.89	929.77	-6,986.47	873.60	704.16	169.44	5.156		
12,200.00	6,840.00	6,712.20	6,711.44	170.37	1.82	-89.83	929.77	-6,986.48	863.09	692.29	170.80	5.053		
12,241.25	6,840.00	6,711.82	6,711.06	171.45	1.82	-89.80	929.77	-6,986.49	862.10	691.36	170.74	5.049	CC, ES, SF	
12,300.00	6,840.00	6,711.27	6,710.52	172.99	1.82	-89.77	929.77	-6,986.49	864.10	694.08	170.03	5.082		
12,400.00	6,840.00	6,710.43	6,709.68	175.60	1.82	-89.71	929.78	-6,986.50	876.60	709.44	167.16	5.244		
12,500.00	6,840.00	6,709.45	6,708.70	178.23	1.82	-89.65	929.78	-6,986.51	900.09	737.62	162.47	5.540		
12,600.00	6,840.00	6,708.48	6,707.73	180.85	1.82	-89.58	929.78	-6,986.52	933.76	777.34	156.42	5.970		
12,700.00	6,840.00	6,707.54	6,706.79	183.47	1.82	-89.52	929.79	-6,986.53	976.55	827.06	149.49	6.533		
12,800.00	6,840.00	6,706.59	6,705.84	186.10	1.82	-89.46	929.79	-6,986.53	1,027.32	885.20	142.12	7.228		
12,900.00	6,840.00	6,705.64	6,704.89	188.74	1.82	-89.39	929.79	-6,986.54	1,084.96	950.27	134.69	8.055		
13,000.00	6,840.00	6,704.69	6,703.94	191.37	1.82	-89.33	929.80	-6,986.55	1,148.42	1,020.98	127.44	9.011		
13,100.00	6,840.00	6,703.73	6,702.97	194.01	1.82	-89.27	929.80	-6,986.56	1,216.80	1,096.25	120.55	10.094		
13,200.00	6,840.00	6,702.76	6,702.01	196.65	1.82	-89.20	929.80	-6,986.57	1,289.32	1,175.21	114.10	11.300		
13,300.00	6,840.00	6,701.79	6,701.04	199.29	1.82	-89.14	929.81	-6,986.58	1,365.31	1,257.17	108.14	12.626		
13,400.00	6,840.00	6,700.81	6,700.06	201.93	1.82	-89.07	929.81	-6,986.59	1,444.23	1,341.57	102.66	14.068		
13,500.00	6,840.00	6,699.84	6,699.08	204.58	1.82	-89.01	929.81	-6,986.60	1,525.62	1,427.97	97.65	15.623		
13,600.00	6,840.00	6,698.89	6,698.14	207.22	1.82	-88.95	929.82	-6,986.61	1,609.11	1,516.02	93.09	17.285		
13,700.00	6,840.00	6,697.94	6,697.19	209.87	1.82	-88.88	929.82	-6,986.62	1,694.39	1,605.45	88.95	19.049		
13,800.00	6,840.00	6,697.00	6,696.25	212.52	1.82	-88.82	929.82	-6,986.62	1,781.21	1,696.03	85.18	20.912		
13,900.00	6,840.00	6,696.06	6,695.31	215.18	1.82	-88.76	929.83	-6,986.63	1,869.34	1,787.58	81.75	22.866		
14,000.00	6,840.00	6,695.12	6,694.37	217.83	1.82	-88.70	929.83	-6,986.64	1,958.61	1,879.97	78.63	24.908		
14,100.00	6,840.00	6,694.19	6,693.44	220.49	1.82	-88.63	929.83	-6,986.65	2,048.87	1,973.07	75.80	27.031		
14,200.00	6,840.00	6,693.26	6,692.50	223.15	1.82	-88.57	929.84	-6,986.66	2,139.99	2,066.78	73.21	29.230		
14,300.00	6,840.00	6,692.32	6,691.57	225.81	1.82	-88.51	929.84	-6,986.67	2,231.88	2,161.02	70.86	31.499		
14,400.00	6,840.00	6,691.40	6,690.65	228.47	1.82	-88.45	929.84	-6,986.68	2,324.43	2,255.73	68.70	33.834		
14,500.00	6,840.00	6,690.47	6,689.72	231.13	1.82	-88.39	929.85	-6,986.69	2,417.58	2,350.85	66.73	36.228		
14,600.00	6,840.00	6,689.55	6,688.80	233.79	1.82	-88.33	929.85	-6,986.70	2,511.26	2,446.33	64.93	38.676		
14,700.00	6,840.00	6,688.63	6,687.88	236.46	1.82	-88.26	929.85	-6,986.70	2,605.40	2,542.12	63.28	41.174		
14,800.00	6,840.00	6,687.71	6,686.96	239.12	1.82	-88.20	929.86	-6,986.71	2,699.97	2,638.21	61.76	43.717		
14,900.00	6,840.00	6,686.79	6,686.04	241.79	1.82	-88.14	929.86	-6,986.72	2,794.91	2,734.54	60.37	46.299		
15,000.00	6,840.00	6,685.88	6,685.13	244.46	1.82	-88.08	929.86	-6,986.73	2,890.19	2,831.11	59.08	48.916		
15,100.00	6,840.00	6,684.97	6,684.22	247.13	1.82	-88.02	929.87	-6,986.74	2,985.79	2,927.88	57.90	51.564		
15,200.00	6,840.00	6,684.06	6,683.31	249.80	1.82	-87.96	929.87	-6,986.75	3,081.66	3,024.84	56.82	54.239		
15,300.00	6,840.00	6,683.15	6,682.40	252.47	1.82	-87.90	929.87	-6,986.76	3,177.78	3,121.97	55.81	56.936		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,682.25	6,681.50	255.15	1.82	-87.84	929.88	-6,986.76	3,274.14	3,219.26	54.89	59.653		
15,500.00	6,840.00	6,681.35	6,680.60	257.82	1.82	-87.78	929.88	-6,986.77	3,370.71	3,316.68	54.03	62.386		
15,600.00	6,840.00	6,680.45	6,679.70	260.50	1.82	-87.72	929.88	-6,986.78	3,467.48	3,414.24	53.24	65.131		
15,700.00	6,840.00	6,679.55	6,678.80	263.17	1.82	-87.66	929.89	-6,986.79	3,564.42	3,511.91	52.51	67.886		
15,800.00	6,840.00	6,678.66	6,677.91	265.85	1.82	-87.60	929.89	-6,986.80	3,661.53	3,609.70	51.83	70.648		
15,900.00	6,840.00	6,677.77	6,677.01	268.53	1.82	-87.54	929.89	-6,986.80	3,758.78	3,707.58	51.20	73.414		
16,000.00	6,840.00	6,676.88	6,676.12	271.20	1.82	-87.48	929.90	-6,986.81	3,856.18	3,805.56	50.62	76.183		
16,100.00	6,840.00	6,675.99	6,675.24	273.88	1.82	-87.43	929.90	-6,986.82	3,953.71	3,903.63	50.08	78.952		
16,200.00	6,840.00	6,675.10	6,674.35	276.56	1.82	-87.37	929.90	-6,986.83	4,051.36	4,001.78	49.58	81.718		
16,300.00	6,840.00	6,674.22	6,673.47	279.25	1.82	-87.31	929.91	-6,986.84	4,149.12	4,100.01	49.11	84.482		
16,400.00	6,840.00	6,673.34	6,672.59	281.93	1.82	-87.25	929.91	-6,986.85	4,246.98	4,198.30	48.68	87.239		
16,500.00	6,840.00	6,672.46	6,671.71	284.61	1.82	-87.19	929.91	-6,986.85	4,344.94	4,296.66	48.28	89.991		
16,600.00	6,840.00	6,671.58	6,670.83	287.29	1.82	-87.13	929.92	-6,986.86	4,443.00	4,395.08	47.91	92.734		
16,700.00	6,840.00	6,670.71	6,669.96	289.98	1.82	-87.07	929.92	-6,986.87	4,541.13	4,493.57	47.57	95.468		
16,800.00	6,840.00	6,669.84	6,669.09	292.66	1.82	-87.02	929.92	-6,986.88	4,639.35	4,592.10	47.25	98.192		
16,900.00	6,840.00	6,668.97	6,668.22	295.35	1.82	-86.96	929.93	-6,986.89	4,737.64	4,690.69	46.95	100.904		
17,000.00	6,840.00	6,668.10	6,667.35	298.03	1.82	-86.90	929.93	-6,986.89	4,836.00	4,789.32	46.68	103.605		
17,100.00	6,840.00	6,667.23	6,666.48	300.72	1.82	-86.84	929.93	-6,986.90	4,934.43	4,888.00	46.42	106.293		
17,200.00	6,840.00	6,666.37	6,665.62	303.41	1.82	-86.79	929.94	-6,986.91	5,032.91	4,986.73	46.19	108.967		
17,300.00	6,840.00	6,665.51	6,664.76	306.09	1.82	-86.73	929.94	-6,986.92	5,131.46	5,085.49	45.97	111.628		
17,400.00	6,840.00	6,664.65	6,663.90	308.78	1.82	-86.67	929.94	-6,986.92	5,230.06	5,184.29	45.77	114.274		
17,500.00	6,840.00	6,663.79	6,663.04	311.47	1.82	-86.62	929.94	-6,986.93	5,328.72	5,283.13	45.58	116.905		
17,600.00	6,840.00	6,662.94	6,662.19	314.16	1.82	-86.56	929.95	-6,986.94	5,427.42	5,382.01	45.41	119.521		
17,700.00	6,840.00	6,662.09	6,661.34	316.85	1.82	-86.50	929.95	-6,986.95	5,526.17	5,480.92	45.25	122.121		
17,800.00	6,840.00	6,661.24	6,660.49	319.54	1.82	-86.45	929.95	-6,986.96	5,624.96	5,579.85	45.11	124.706		
17,900.00	6,840.00	6,660.39	6,659.64	322.23	1.82	-86.39	929.96	-6,986.96	5,723.80	5,678.82	44.97	127.274		
18,000.00	6,840.00	6,659.54	6,658.79	324.92	1.82	-86.34	929.96	-6,986.97	5,822.67	5,777.82	44.85	129.827		
18,100.00	6,840.00	6,658.70	6,657.95	327.62	1.82	-86.28	929.96	-6,986.98	5,921.58	5,876.85	44.74	132.362		
18,200.00	6,840.00	6,657.86	6,657.11	330.31	1.82	-86.22	929.97	-6,986.99	6,020.53	5,975.90	44.64	134.882		
18,300.00	6,840.00	6,657.02	6,656.27	333.00	1.82	-86.17	929.97	-6,986.99	6,119.51	6,074.97	44.54	137.385		
18,400.00	6,840.00	6,656.18	6,655.43	335.70	1.82	-86.11	929.97	-6,987.00	6,218.53	6,174.07	44.46	139.871		
18,500.00	6,840.00	6,655.34	6,654.59	338.39	1.82	-86.06	929.98	-6,987.01	6,317.57	6,273.19	44.38	142.341		
18,600.00	6,840.00	6,654.51	6,653.76	341.08	1.82	-86.00	929.98	-6,987.02	6,416.65	6,372.33	44.32	144.794		
18,700.00	6,840.00	6,653.68	6,652.93	343.78	1.82	-85.95	929.98	-6,987.02	6,515.75	6,471.50	44.26	147.230		
18,800.00	6,840.00	6,652.85	6,652.10	346.47	1.82	-85.89	929.99	-6,987.03	6,614.88	6,570.68	44.20	149.650		
18,900.00	6,840.00	6,652.02	6,651.27	349.17	1.82	-85.84	929.99	-6,987.04	6,714.04	6,669.88	44.16	152.053		
19,000.00	6,840.00	6,651.20	6,650.45	351.86	1.82	-85.78	929.99	-6,987.05	6,813.22	6,769.10	44.12	154.440		
19,100.00	6,840.00	6,650.37	6,649.62	354.56	1.82	-85.73	930.00	-6,987.05	6,912.42	6,868.34	44.08	156.810		
19,200.00	6,840.00	6,649.55	6,648.80	357.26	1.82	-85.67	930.00	-6,987.06	7,011.65	6,967.59	44.05	159.164		
19,300.00	6,840.00	6,648.73	6,647.98	359.95	1.82	-85.62	930.00	-6,987.07	7,110.90	7,066.87	44.03	161.502		
19,400.00	6,840.00	6,647.92	6,647.17	362.65	1.82	-85.57	930.01	-6,987.07	7,210.16	7,166.15	44.01	163.823		
19,500.00	6,840.00	6,647.10	6,646.35	365.35	1.82	-85.51	930.01	-6,987.08	7,309.45	7,265.45	44.00	166.129		
19,600.00	6,840.00	6,646.29	6,645.54	368.05	1.82	-85.46	930.01	-6,987.09	7,408.76	7,364.77	43.99	168.418		
19,700.00	6,840.00	6,645.48	6,644.73	370.74	1.82	-85.40	930.02	-6,987.10	7,508.09	7,464.10	43.99	170.692		
19,800.00	6,840.00	6,644.67	6,643.92	373.44	1.82	-85.35	930.02	-6,987.10	7,607.43	7,563.44	43.99	172.950		
19,900.00	6,840.00	6,643.86	6,643.11	376.14	1.82	-85.30	930.02	-6,987.11	7,706.79	7,662.80	43.99	175.192		
20,000.00	6,840.00	6,643.06	6,642.31	378.84	1.82	-85.24	930.03	-6,987.12	7,806.17	7,762.17	44.00	177.419		
20,100.00	6,840.00	6,642.25	6,641.50	381.54	1.82	-85.19	930.03	-6,987.12	7,905.56	7,861.55	44.01	179.631		
20,200.00	6,840.00	6,641.45	6,640.70	384.24	1.82	-85.14	930.03	-6,987.13	8,004.97	7,960.94	44.03	181.827		
20,300.00	6,840.00	6,640.65	6,639.90	386.94	1.82	-85.09	930.04	-6,987.14	8,104.39	8,060.34	44.04	184.008		
20,400.00	6,840.00	6,639.86	6,639.11	389.64	1.82	-85.03	930.04	-6,987.15	8,203.82	8,159.76	44.07	186.174		
20,500.00	6,840.00	6,639.06	6,638.31	392.34	1.82	-84.98	930.04	-6,987.15	8,303.27	8,259.18	44.09	188.326		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,638.27	6,637.52	395.04	1.82	-84.93	930.05	-6,987.16	8,402.73	8,358.62	44.12	190.462	
20,609.76	6,840.00	6,638.19	6,637.44	395.31	1.82	-84.92	930.05	-6,987.16	8,412.44	8,368.32	44.12	190.670	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-74.87	2,277.24	-8,420.16	8,723.73					
100.00	100.00	0.00	0.00	0.13	0.00	-74.87	2,277.24	-8,420.16	8,722.74	8,722.61	0.13	N/A		
152.08	152.08	16.08	16.08	0.32	0.13	-74.87	2,277.24	-8,420.16	8,722.67	8,722.22	0.45	N/A		
200.00	200.00	64.00	64.00	0.49	0.50	-74.87	2,277.24	-8,420.16	8,722.67	8,721.67	1.00	8,761.625		
300.00	300.00	164.00	164.00	0.85	1.90	-74.87	2,277.24	-8,420.16	8,722.67	8,719.92	2.75	3,167.526		
400.00	400.00	264.00	264.00	1.21	3.65	-74.87	2,277.24	-8,420.16	8,722.67	8,717.81	4.86	1,795.682		
500.00	499.98	363.98	363.98	1.57	5.39	-25.62	2,277.24	-8,420.16	8,721.10	8,714.14	6.96	1,253.271		
600.00	599.84	463.84	463.84	1.93	7.14	-25.68	2,277.24	-8,420.16	8,716.38	8,707.32	9.06	962.146		
700.00	699.45	563.45	563.45	2.29	8.87	-25.77	2,277.24	-8,420.16	8,708.52	8,697.36	11.16	780.394		
800.00	798.70	662.70	662.70	2.67	10.61	-25.90	2,277.24	-8,420.16	8,697.54	8,684.28	13.26	656.089		
900.00	897.47	761.47	761.47	3.07	12.33	-26.07	2,277.24	-8,420.16	8,683.44	8,668.09	15.35	565.660		
1,000.00	995.62	859.62	859.62	3.50	14.04	-26.28	2,277.24	-8,420.16	8,666.26	8,648.82	17.44	496.872		
1,100.00	1,093.06	957.06	957.06	3.97	15.74	-26.53	2,277.24	-8,420.16	8,646.01	8,626.48	19.53	442.747		
1,200.00	1,189.64	1,053.64	1,053.64	4.47	17.43	-26.82	2,277.24	-8,420.16	8,622.72	8,601.11	21.61	399.013		
1,300.00	1,285.27	1,149.27	1,149.27	5.01	19.10	-27.16	2,277.24	-8,420.16	8,596.44	8,572.75	23.69	362.912		
1,400.00	1,379.82	1,243.82	1,243.82	5.61	20.75	-27.54	2,277.24	-8,420.16	8,567.19	8,541.43	25.76	332.582		
1,500.00	1,473.17	1,337.17	1,337.17	6.25	22.38	-27.97	2,277.24	-8,420.16	8,535.03	8,507.20	27.83	306.720		
1,600.00	1,565.21	1,429.21	1,429.21	6.96	23.98	-28.44	2,277.24	-8,420.16	8,499.99	8,470.10	29.89	284.391		
1,700.00	1,656.01	1,520.01	1,520.01	7.72	25.57	-28.78	2,277.24	-8,420.16	8,462.45	8,430.51	31.95	264.896		
1,800.00	1,746.60	1,610.60	1,610.60	8.50	27.15	-28.91	2,277.24	-8,420.16	8,424.56	8,390.56	34.00	247.746		
1,900.00	1,837.19	1,701.19	1,701.19	9.30	28.73	-29.05	2,277.24	-8,420.16	8,386.72	8,350.64	36.07	232.487		
2,000.00	1,927.79	1,808.21	1,791.79	10.12	30.60	-29.19	2,277.24	-8,420.16	8,348.91	8,310.47	38.44	217.201		
2,100.00	2,018.38	1,882.38	1,882.38	10.93	31.89	-29.33	2,277.24	-8,420.16	8,311.15	8,270.91	40.24	206.551		
2,200.00	2,108.97	1,972.97	1,972.97	11.76	33.47	-29.47	2,277.24	-8,420.16	8,273.44	8,231.10	42.33	195.448		
2,300.00	2,199.56	2,063.56	2,063.56	12.59	35.06	-29.61	2,277.24	-8,420.16	8,235.76	8,191.33	44.43	185.367		
2,400.00	2,290.15	2,154.15	2,154.15	13.43	36.64	-29.75	2,277.24	-8,420.16	8,198.14	8,151.60	46.53	176.175		
2,500.00	2,380.75	2,244.75	2,244.75	14.26	38.22	-29.90	2,277.24	-8,420.16	8,160.56	8,111.92	48.64	167.762		
2,600.00	2,471.34	2,335.34	2,335.34	15.11	39.80	-30.04	2,277.24	-8,420.16	8,123.03	8,072.27	50.76	160.035		
2,700.00	2,561.93	2,425.93	2,425.93	15.95	41.38	-30.19	2,277.24	-8,420.16	8,085.54	8,032.67	52.88	152.913		
2,800.00	2,652.52	2,516.52	2,516.52	16.80	42.96	-30.34	2,277.24	-8,420.16	8,048.11	7,993.11	55.00	146.331		
2,900.00	2,743.12	2,607.12	2,607.12	17.64	44.54	-30.48	2,277.24	-8,420.16	8,010.72	7,953.59	57.13	140.228		
3,000.00	2,833.71	2,702.29	2,697.71	18.49	46.20	-30.64	2,277.24	-8,420.16	7,973.38	7,914.04	59.34	134.375		
3,100.00	2,924.30	2,788.30	2,788.30	19.35	47.71	-30.79	2,277.24	-8,420.16	7,936.09	7,874.70	61.39	129.271		
3,200.00	3,014.89	2,878.89	2,878.89	20.20	49.29	-30.94	2,277.24	-8,420.16	7,898.85	7,835.33	63.53	124.334		
3,300.00	3,105.48	2,969.48	2,969.48	21.05	50.87	-31.10	2,277.24	-8,420.16	7,861.67	7,796.00	65.67	119.714		
3,400.00	3,196.08	3,060.08	3,060.08	21.91	52.45	-31.25	2,277.24	-8,420.16	7,824.54	7,756.72	67.82	115.380		
3,500.00	3,286.67	3,150.67	3,150.67	22.76	54.03	-31.41	2,277.24	-8,420.16	7,787.46	7,717.49	69.96	111.308		
3,600.00	3,377.26	3,241.26	3,241.26	23.62	55.61	-31.57	2,277.24	-8,420.16	7,750.43	7,678.32	72.11	107.474		
3,700.00	3,467.85	3,331.85	3,331.85	24.47	57.19	-31.73	2,277.24	-8,420.16	7,713.46	7,639.19	74.27	103.858		
3,800.00	3,558.45	3,422.45	3,422.45	25.33	58.77	-31.89	2,277.24	-8,420.16	7,676.54	7,600.12	76.43	100.443		
3,900.00	3,649.04	3,513.04	3,513.04	26.19	60.35	-32.05	2,277.24	-8,420.16	7,639.69	7,561.10	78.59	97.211		
4,000.00	3,739.63	3,603.63	3,603.63	27.05	61.94	-32.22	2,277.24	-8,420.16	7,602.88	7,522.13	80.75	94.150		
4,100.00	3,830.22	3,705.78	3,694.22	27.90	63.72	-32.39	2,277.24	-8,420.16	7,566.14	7,483.02	83.12	91.024		
4,200.00	3,920.81	3,784.81	3,784.81	28.76	65.10	-32.55	2,277.24	-8,420.16	7,529.45	7,444.36	85.09	88.487		
4,300.00	4,011.41	3,875.41	3,875.41	29.62	66.68	-32.72	2,277.24	-8,420.16	7,492.83	7,405.56	87.27	85.862		
4,400.00	4,102.00	3,966.00	3,966.00	30.48	68.26	-32.90	2,277.24	-8,420.16	7,456.26	7,366.82	89.44	83.363		
4,500.00	4,192.59	4,056.59	4,056.59	31.34	69.84	-33.07	2,277.24	-8,420.16	7,419.76	7,328.14	91.62	80.981		
4,600.00	4,283.18	4,147.18	4,147.18	32.20	71.42	-33.24	2,277.24	-8,420.16	7,383.32	7,289.51	93.81	78.707		
4,700.00	4,373.78	4,237.78	4,237.78	33.06	73.00	-33.42	2,277.24	-8,420.16	7,346.94	7,250.95	96.00	76.535		
4,800.00	4,464.37	4,328.37	4,328.37	33.92	74.58	-33.60	2,277.24	-8,420.16	7,310.63	7,212.44	98.19	74.457		
4,900.00	4,554.96	4,418.96	4,418.96	34.78	76.17	-33.78	2,277.24	-8,420.16	7,274.38	7,174.00	100.38	72.469		
5,000.00	4,645.55	4,509.55	4,509.55	35.64	77.75	-33.96	2,277.24	-8,420.16	7,238.20	7,135.62	102.58	70.563		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,600.14	4,600.14	36.51	79.33	-34.14	2,277.24	-8,420.16	7,202.08	7,097.30	104.78	68.736		
5,200.00	4,826.74	4,709.26	4,690.74	37.37	81.23	-34.32	2,277.24	-8,420.16	7,166.04	7,058.73	107.31	66.781		
5,300.00	4,917.33	4,781.33	4,781.33	38.23	82.49	-34.51	2,277.24	-8,420.16	7,130.06	7,020.87	109.19	65.299		
5,400.00	5,007.92	4,871.92	4,871.92	39.09	84.07	-34.70	2,277.24	-8,420.16	7,094.15	6,982.75	111.40	63.680		
5,500.00	5,098.51	4,962.51	4,962.51	39.95	85.65	-34.89	2,277.24	-8,420.16	7,058.32	6,944.70	113.62	62.123		
5,600.00	5,189.11	5,053.11	5,053.11	40.81	87.23	-35.08	2,277.24	-8,420.16	7,022.55	6,906.72	115.84	60.625		
5,700.00	5,279.70	5,143.70	5,143.70	41.68	88.81	-35.27	2,277.24	-8,420.16	6,986.86	6,868.80	118.06	59.181		
5,800.00	5,370.29	5,234.29	5,234.29	42.54	90.40	-35.47	2,277.24	-8,420.16	6,951.25	6,830.96	120.29	57.790		
5,900.00	5,460.88	5,324.88	5,324.88	43.40	91.98	-35.67	2,277.24	-8,420.16	6,915.71	6,793.19	122.52	56.448		
6,000.00	5,551.47	5,415.47	5,415.47	44.26	93.56	-35.87	2,277.24	-8,420.16	6,880.25	6,755.50	124.75	55.153		
6,100.00	5,642.07	5,506.07	5,506.07	45.13	95.14	-36.07	2,277.24	-8,420.16	6,844.86	6,717.87	126.99	53.902		
6,200.00	5,732.66	5,603.34	5,596.66	45.99	96.84	-36.27	2,277.24	-8,420.16	6,809.56	6,680.21	129.35	52.646		
6,300.00	5,823.25	5,687.25	5,687.25	46.85	98.30	-36.47	2,277.24	-8,420.16	6,774.33	6,642.86	131.47	51.526		
6,400.00	5,913.84	5,777.84	5,777.84	47.72	99.88	-36.68	2,277.24	-8,420.16	6,739.19	6,605.47	133.72	50.396		
6,500.00	6,004.44	5,868.44	5,868.44	48.58	101.46	-36.89	2,277.24	-8,420.16	6,704.13	6,568.15	135.98	49.303		
6,600.00	6,095.03	5,959.03	5,959.03	49.44	103.04	-37.10	2,277.24	-8,420.16	6,669.16	6,530.92	138.24	48.245		
6,700.00	6,185.62	6,049.62	6,049.62	50.30	104.63	-37.31	2,277.24	-8,420.16	6,634.27	6,493.77	140.50	47.220		
6,800.00	6,276.21	6,140.21	6,140.21	51.17	106.21	-37.53	2,277.24	-8,420.16	6,599.47	6,456.71	142.76	46.226		
6,900.00	6,366.80	6,230.80	6,230.80	52.03	107.79	-37.75	2,277.24	-8,420.16	6,564.76	6,419.72	145.03	45.263		
7,000.00	6,457.40	6,321.40	6,321.40	52.89	109.37	-37.97	2,277.24	-8,420.16	6,530.14	6,382.83	147.31	44.329		
7,100.00	6,545.60	6,409.60	6,409.60	53.85	110.91	-27.75	2,277.24	-8,420.16	6,489.42	6,339.88	149.55	43.394		
7,200.00	6,626.13	6,509.87	6,490.13	55.05	112.66	-20.49	2,277.24	-8,420.16	6,433.74	6,281.78	151.96	42.339		
7,300.00	6,696.49	6,560.49	6,560.49	56.46	113.54	-15.50	2,277.24	-8,420.16	6,364.61	6,211.19	153.42	41.484		
7,400.00	6,754.56	6,618.56	6,618.56	58.05	114.56	-11.28	2,277.24	-8,420.16	6,284.12	6,129.22	154.90	40.568		
7,500.00	6,798.57	6,662.57	6,662.57	59.78	115.32	-6.22	2,277.24	-8,420.16	6,194.68	6,038.69	155.99	39.712		
7,600.00	6,827.18	6,708.82	6,691.18	61.58	116.13	4.29	2,277.24	-8,420.16	6,099.00	5,942.05	156.95	38.860		
7,700.00	6,839.51	6,703.51	6,703.51	63.39	116.04	59.24	2,277.24	-8,420.16	5,999.98	5,843.15	156.83	38.258		
7,800.00	6,840.00	6,704.00	6,704.00	65.19	116.05	90.00	2,277.24	-8,420.16	5,900.30	5,743.61	156.69	37.657		
7,900.00	6,840.00	6,704.00	6,704.00	67.04	116.05	90.00	2,277.24	-8,420.16	5,800.63	5,644.10	156.53	37.058		
8,000.00	6,840.00	6,704.00	6,704.00	68.95	116.05	90.00	2,277.24	-8,420.16	5,700.98	5,544.61	156.37	36.459		
8,100.00	6,840.00	6,704.00	6,704.00	70.91	116.05	90.00	2,277.24	-8,420.16	5,601.34	5,445.14	156.20	35.860		
8,200.00	6,840.00	6,704.00	6,704.00	72.91	116.05	90.00	2,277.24	-8,420.16	5,501.71	5,345.69	156.03	35.261		
8,300.00	6,840.00	6,704.00	6,704.00	74.96	116.05	90.00	2,277.24	-8,420.16	5,402.10	5,246.25	155.85	34.662		
8,400.00	6,840.00	6,704.00	6,704.00	77.05	116.05	90.00	2,277.24	-8,420.16	5,302.50	5,146.83	155.67	34.062		
8,500.00	6,840.00	6,704.00	6,704.00	79.18	116.05	90.00	2,277.24	-8,420.16	5,202.92	5,047.43	155.49	33.462		
8,600.00	6,840.00	6,704.00	6,704.00	81.34	116.05	90.00	2,277.24	-8,420.16	5,103.35	4,948.05	155.30	32.862		
8,700.00	6,840.00	6,704.00	6,704.00	83.54	116.05	90.00	2,277.24	-8,420.16	5,003.80	4,848.70	155.10	32.261		
8,800.00	6,840.00	6,704.00	6,704.00	85.76	116.05	90.00	2,277.24	-8,420.16	4,904.27	4,749.37	154.90	31.660		
8,900.00	6,840.00	6,704.00	6,704.00	88.02	116.05	90.00	2,277.24	-8,420.16	4,804.76	4,650.06	154.70	31.059		
9,000.00	6,840.00	6,704.00	6,704.00	90.30	116.05	90.00	2,277.24	-8,420.16	4,705.27	4,550.78	154.49	30.457		
9,100.00	6,840.00	6,704.00	6,704.00	92.60	116.05	90.00	2,277.24	-8,420.16	4,605.80	4,451.53	154.27	29.855		
9,200.00	6,840.00	6,704.00	6,704.00	94.93	116.05	90.00	2,277.24	-8,420.16	4,506.35	4,352.30	154.05	29.252		
9,300.00	6,840.00	6,704.00	6,704.00	97.28	116.05	90.00	2,277.24	-8,420.16	4,406.93	4,253.11	153.83	28.649		
9,400.00	6,840.00	6,704.00	6,704.00	99.65	116.05	90.00	2,277.24	-8,420.16	4,307.54	4,153.95	153.59	28.045		
9,500.00	6,840.00	6,704.00	6,704.00	102.03	116.05	90.00	2,277.24	-8,420.16	4,208.17	4,054.82	153.36	27.441		
9,600.00	6,840.00	6,704.00	6,704.00	104.43	116.05	90.00	2,277.24	-8,420.16	4,108.84	3,955.73	153.11	26.835		
9,700.00	6,840.00	6,704.00	6,704.00	106.85	116.05	90.00	2,277.24	-8,420.16	4,009.54	3,856.67	152.87	26.229		
9,800.00	6,840.00	6,704.00	6,704.00	109.29	116.05	90.00	2,277.24	-8,420.16	3,910.27	3,757.66	152.62	25.622		
9,900.00	6,840.00	6,704.00	6,704.00	111.73	116.05	90.00	2,277.24	-8,420.16	3,811.05	3,658.69	152.36	25.014		
10,000.00	6,840.00	6,704.00	6,704.00	114.19	116.05	90.00	2,277.24	-8,420.16	3,711.86	3,559.76	152.10	24.404		
10,100.00	6,840.00	6,704.00	6,704.00	116.66	116.05	90.00	2,277.24	-8,420.16	3,612.72	3,460.88	151.84	23.793		
10,200.00	6,840.00	6,704.00	6,704.00	119.15	116.05	90.00	2,277.24	-8,420.16	3,513.63	3,362.05	151.58	23.180		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,300.00	6,840.00	6,704.00	6,704.00	121.64	116.05	90.00	2,277.24	-8,420.16	3,414.59	3,263.28	151.31	22.566		
10,400.00	6,840.00	6,704.00	6,704.00	124.14	116.05	90.00	2,277.24	-8,420.16	3,315.61	3,164.55	151.06	21.950		
10,500.00	6,840.00	6,704.00	6,704.00	126.65	116.05	90.00	2,277.24	-8,420.16	3,216.69	3,065.89	150.80	21.331		
10,600.00	6,840.00	6,704.00	6,704.00	129.18	116.05	90.00	2,277.24	-8,420.16	3,117.84	2,967.29	150.55	20.709		
10,700.00	6,840.00	6,704.00	6,704.00	131.70	116.05	90.00	2,277.24	-8,420.16	3,019.07	2,868.75	150.32	20.085		
10,800.00	6,840.00	6,704.00	6,704.00	134.24	116.05	90.00	2,277.24	-8,420.16	2,920.38	2,770.28	150.10	19.456		
10,900.00	6,840.00	6,704.00	6,704.00	136.79	116.05	90.00	2,277.24	-8,420.16	2,821.78	2,671.88	149.90	18.824		
11,000.00	6,840.00	6,704.00	6,704.00	139.34	116.05	90.00	2,277.24	-8,420.16	2,723.29	2,573.55	149.74	18.187		
11,100.00	6,840.00	6,704.00	6,704.00	141.90	116.05	90.00	2,277.24	-8,420.16	2,624.90	2,475.29	149.62	17.544		
11,200.00	6,840.00	6,704.00	6,704.00	144.46	116.05	90.00	2,277.24	-8,420.16	2,526.65	2,377.11	149.54	16.896		
11,300.00	6,840.00	6,704.00	6,704.00	147.03	116.05	90.00	2,277.24	-8,420.16	2,428.54	2,279.00	149.54	16.240		
11,400.00	6,840.00	6,704.00	6,704.00	149.60	116.05	90.00	2,277.24	-8,420.16	2,330.59	2,180.96	149.62	15.576		
11,500.00	6,840.00	6,704.00	6,704.00	152.18	116.05	90.00	2,277.24	-8,420.16	2,232.82	2,083.00	149.82	14.904		
11,600.00	6,840.00	6,704.00	6,704.00	154.77	116.05	90.00	2,277.24	-8,420.16	2,135.25	1,985.11	150.14	14.221		
11,700.00	6,840.00	6,704.00	6,704.00	157.36	116.05	90.00	2,277.24	-8,420.16	2,037.93	1,887.28	150.64	13.528		
11,800.00	6,840.00	6,704.00	6,704.00	159.95	116.05	90.00	2,277.24	-8,420.16	1,940.87	1,789.52	151.35	12.824		
11,900.00	6,840.00	6,704.00	6,704.00	162.55	116.05	90.00	2,277.24	-8,420.16	1,844.13	1,691.81	152.32	12.107		
12,000.00	6,840.00	6,704.00	6,704.00	165.16	116.05	90.00	2,277.24	-8,420.16	1,747.76	1,594.16	153.60	11.378		
12,100.00	6,840.00	6,704.00	6,704.00	167.76	116.05	90.00	2,277.24	-8,420.16	1,651.82	1,496.55	155.27	10.639		
12,200.00	6,840.00	6,704.00	6,704.00	170.37	116.05	90.00	2,277.24	-8,420.16	1,556.38	1,398.99	157.39	9.888		
12,300.00	6,840.00	6,704.00	6,704.00	172.99	116.05	90.00	2,277.24	-8,420.16	1,461.56	1,301.49	160.07	9.131		
12,400.00	6,840.00	6,704.00	6,704.00	175.60	116.05	90.00	2,277.24	-8,420.16	1,367.48	1,204.07	163.41	8.368		
12,500.00	6,840.00	6,704.00	6,704.00	178.23	116.05	90.00	2,277.24	-8,420.16	1,274.30	1,106.76	167.54	7.606		
12,600.00	6,840.00	6,704.00	6,704.00	180.85	116.05	90.00	2,277.24	-8,420.16	1,182.23	1,009.63	172.61	6.849		
12,700.00	6,840.00	6,704.00	6,704.00	183.47	116.05	90.00	2,277.24	-8,420.16	1,091.57	912.76	178.81	6.105		
12,800.00	6,840.00	6,704.00	6,704.00	186.10	116.05	90.00	2,277.24	-8,420.16	1,002.67	816.31	186.37	5.380		
12,900.00	6,840.00	6,704.00	6,704.00	188.74	116.05	90.00	2,277.24	-8,420.16	916.07	720.51	195.56	4.684		
13,000.00	6,840.00	6,704.00	6,704.00	191.37	116.05	90.00	2,277.24	-8,420.16	832.48	625.77	206.71	4.027		
13,100.00	6,840.00	6,704.00	6,704.00	194.01	116.05	90.00	2,277.24	-8,420.16	752.90	532.75	220.16	3.420		
13,200.00	6,840.00	6,704.00	6,704.00	196.65	116.05	90.00	2,277.24	-8,420.16	678.75	442.57	236.18	2.874		
13,300.00	6,840.00	6,704.00	6,704.00	199.29	116.05	90.00	2,277.24	-8,420.16	612.00	357.20	254.80	2.402		
13,400.00	6,840.00	6,704.00	6,704.00	201.93	116.05	90.00	2,277.24	-8,420.16	555.32	279.93	275.39	2.016		
13,500.00	6,840.00	6,704.00	6,704.00	204.58	116.05	90.00	2,277.24	-8,420.16	512.07	215.91	296.16	1.729		
13,600.00	6,840.00	6,704.00	6,704.00	207.22	116.05	90.00	2,277.24	-8,420.16	485.85	171.95	313.90	1.548		
13,680.81	6,840.00	6,704.00	6,704.00	209.36	116.05	90.00	2,277.24	-8,420.16	479.08	155.60	323.48	1.481	Level 3, CC	
13,700.00	6,840.00	6,704.00	6,704.00	209.87	116.05	90.00	2,277.24	-8,420.16	479.46	154.51	324.95	1.475	Level 3, ES, SF	
13,800.00	6,840.00	6,704.00	6,704.00	212.52	116.05	90.00	2,277.24	-8,420.16	493.68	166.32	327.36	1.508		
13,900.00	6,840.00	6,704.00	6,704.00	215.18	116.05	90.00	2,277.24	-8,420.16	526.84	204.67	322.17	1.635		
14,000.00	6,840.00	6,704.00	6,704.00	217.83	116.05	90.00	2,277.24	-8,420.16	575.67	263.40	312.27	1.843		
14,100.00	6,840.00	6,704.00	6,704.00	220.49	116.05	90.00	2,277.24	-8,420.16	636.58	336.08	300.50	2.118		
14,200.00	6,840.00	6,704.00	6,704.00	223.15	116.05	90.00	2,277.24	-8,420.16	706.45	417.77	288.68	2.447		
14,300.00	6,840.00	6,704.00	6,704.00	225.81	116.05	90.00	2,277.24	-8,420.16	782.88	505.17	277.71	2.819		
14,400.00	6,840.00	6,704.00	6,704.00	228.47	116.05	90.00	2,277.24	-8,420.16	864.14	596.22	267.92	3.225		
14,500.00	6,840.00	6,704.00	6,704.00	231.13	116.05	90.00	2,277.24	-8,420.16	948.99	689.65	259.34	3.659		
14,600.00	6,840.00	6,704.00	6,704.00	233.79	116.05	90.00	2,277.24	-8,420.16	1,036.54	784.69	251.86	4.116		
14,700.00	6,840.00	6,704.00	6,704.00	236.46	116.05	90.00	2,277.24	-8,420.16	1,126.17	880.82	245.35	4.590		
14,800.00	6,840.00	6,704.00	6,704.00	239.12	116.05	90.00	2,277.24	-8,420.16	1,217.41	977.74	239.67	5.079		
14,900.00	6,840.00	6,704.00	6,704.00	241.79	116.05	90.00	2,277.24	-8,420.16	1,309.94	1,075.23	234.71	5.581		
15,000.00	6,840.00	6,704.00	6,704.00	244.46	116.05	90.00	2,277.24	-8,420.16	1,403.48	1,173.14	230.34	6.093		
15,100.00	6,840.00	6,704.00	6,704.00	247.13	116.05	90.00	2,277.24	-8,420.16	1,497.87	1,271.38	226.48	6.614		
15,200.00	6,840.00	6,704.00	6,704.00	249.80	116.05	90.00	2,277.24	-8,420.16	1,592.94	1,369.88	223.06	7.141		
15,300.00	6,840.00	6,704.00	6,704.00	252.47	116.05	90.00	2,277.24	-8,420.16	1,688.57	1,468.57	220.01	7.675		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,400.00	6,840.00	6,704.00	6,704.00	255.15	116.05	90.00	2,277.24	-8,420.16	1,784.69	1,567.42	217.27	8.214		
15,500.00	6,840.00	6,704.00	6,704.00	257.82	116.05	90.00	2,277.24	-8,420.16	1,881.21	1,666.40	214.81	8.758		
15,600.00	6,840.00	6,704.00	6,704.00	260.50	116.05	90.00	2,277.24	-8,420.16	1,978.08	1,765.49	212.59	9.305		
15,700.00	6,840.00	6,704.00	6,704.00	263.17	116.05	90.00	2,277.24	-8,420.16	2,075.24	1,864.67	210.57	9.855		
15,800.00	6,840.00	6,704.00	6,704.00	265.85	116.05	90.00	2,277.24	-8,420.16	2,172.66	1,963.93	208.73	10.409		
15,900.00	6,840.00	6,704.00	6,704.00	268.53	116.05	90.00	2,277.24	-8,420.16	2,270.31	2,063.25	207.06	10.965		
16,000.00	6,840.00	6,704.00	6,704.00	271.20	116.05	90.00	2,277.24	-8,420.16	2,368.15	2,162.63	205.52	11.523		
16,100.00	6,840.00	6,704.00	6,704.00	273.88	116.05	90.00	2,277.24	-8,420.16	2,466.17	2,262.06	204.11	12.083		
16,200.00	6,840.00	6,704.00	6,704.00	276.56	116.05	90.00	2,277.24	-8,420.16	2,564.33	2,361.52	202.81	12.644		
16,300.00	6,840.00	6,704.00	6,704.00	279.25	116.05	90.00	2,277.24	-8,420.16	2,662.64	2,461.03	201.61	13.207		
16,400.00	6,840.00	6,704.00	6,704.00	281.93	116.05	90.00	2,277.24	-8,420.16	2,761.07	2,560.57	200.50	13.771		
16,500.00	6,840.00	6,704.00	6,704.00	284.61	116.05	90.00	2,277.24	-8,420.16	2,859.60	2,660.13	199.47	14.336		
16,600.00	6,840.00	6,704.00	6,704.00	287.29	116.05	90.00	2,277.24	-8,420.16	2,958.24	2,759.73	198.51	14.902		
16,700.00	6,840.00	6,704.00	6,704.00	289.98	116.05	90.00	2,277.24	-8,420.16	3,056.96	2,859.34	197.62	15.469		
16,800.00	6,840.00	6,704.00	6,704.00	292.66	116.05	90.00	2,277.24	-8,420.16	3,155.76	2,958.98	196.79	16.037		
16,900.00	6,840.00	6,704.00	6,704.00	295.35	116.05	90.00	2,277.24	-8,420.16	3,254.64	3,058.63	196.01	16.605		
17,000.00	6,840.00	6,704.00	6,704.00	298.03	116.05	90.00	2,277.24	-8,420.16	3,353.58	3,158.30	195.28	17.173		
17,100.00	6,840.00	6,704.00	6,704.00	300.72	116.05	90.00	2,277.24	-8,420.16	3,452.59	3,257.99	194.60	17.742		
17,200.00	6,840.00	6,704.00	6,704.00	303.41	116.05	90.00	2,277.24	-8,420.16	3,551.65	3,357.69	193.95	18.312		
17,300.00	6,840.00	6,704.00	6,704.00	306.09	116.05	90.00	2,277.24	-8,420.16	3,650.76	3,457.41	193.35	18.882		
17,400.00	6,840.00	6,704.00	6,704.00	308.78	116.05	90.00	2,277.24	-8,420.16	3,749.91	3,557.13	192.78	19.451		
17,500.00	6,840.00	6,704.00	6,704.00	311.47	116.05	90.00	2,277.24	-8,420.16	3,849.12	3,656.87	192.25	20.022		
17,600.00	6,840.00	6,704.00	6,704.00	314.16	116.05	90.00	2,277.24	-8,420.16	3,948.36	3,756.61	191.74	20.592		
17,700.00	6,840.00	6,704.00	6,704.00	316.85	116.05	90.00	2,277.24	-8,420.16	4,047.64	3,856.37	191.27	21.162		
17,800.00	6,840.00	6,704.00	6,704.00	319.54	116.05	90.00	2,277.24	-8,420.16	4,146.95	3,956.13	190.82	21.733		
17,900.00	6,840.00	6,704.00	6,704.00	322.23	116.05	90.00	2,277.24	-8,420.16	4,246.30	4,055.91	190.39	22.303		
18,000.00	6,840.00	6,704.00	6,704.00	324.92	116.05	90.00	2,277.24	-8,420.16	4,345.67	4,155.69	189.99	22.873		
18,100.00	6,840.00	6,704.00	6,704.00	327.62	116.05	90.00	2,277.24	-8,420.16	4,445.08	4,255.47	189.60	23.444		
18,200.00	6,840.00	6,704.00	6,704.00	330.31	116.05	90.00	2,277.24	-8,420.16	4,544.51	4,355.27	189.24	24.014		
18,300.00	6,840.00	6,704.00	6,704.00	333.00	116.05	90.00	2,277.24	-8,420.16	4,643.96	4,455.06	188.90	24.584		
18,400.00	6,840.00	6,704.00	6,704.00	335.70	116.05	90.00	2,277.24	-8,420.16	4,743.44	4,554.87	188.57	25.155		
18,500.00	6,840.00	6,704.00	6,704.00	338.39	116.05	90.00	2,277.24	-8,420.16	4,842.94	4,654.68	188.26	25.725		
18,600.00	6,840.00	6,704.00	6,704.00	341.08	116.05	90.00	2,277.24	-8,420.16	4,942.46	4,754.49	187.97	26.294		
18,700.00	6,840.00	6,704.00	6,704.00	343.78	116.05	90.00	2,277.24	-8,420.16	5,042.00	4,854.31	187.69	26.864		
18,800.00	6,840.00	6,704.00	6,704.00	346.47	116.05	90.00	2,277.24	-8,420.16	5,141.55	4,954.13	187.42	27.433		
18,900.00	6,840.00	6,704.00	6,704.00	349.17	116.05	90.00	2,277.24	-8,420.16	5,241.13	5,053.96	187.17	28.003		
19,000.00	6,840.00	6,704.00	6,704.00	351.86	116.05	90.00	2,277.24	-8,420.16	5,340.72	5,153.79	186.92	28.572		
19,100.00	6,840.00	6,704.00	6,704.00	354.56	116.05	90.00	2,277.24	-8,420.16	5,440.32	5,253.63	186.69	29.140		
19,200.00	6,840.00	6,704.00	6,704.00	357.26	116.05	90.00	2,277.24	-8,420.16	5,539.94	5,353.46	186.47	29.709		
19,300.00	6,840.00	6,704.00	6,704.00	359.95	116.05	90.00	2,277.24	-8,420.16	5,639.57	5,453.31	186.27	30.277		
19,400.00	6,840.00	6,704.00	6,704.00	362.65	116.05	90.00	2,277.24	-8,420.16	5,739.22	5,553.15	186.07	30.845		
19,500.00	6,840.00	6,704.00	6,704.00	365.35	116.05	90.00	2,277.24	-8,420.16	5,838.87	5,653.00	185.88	31.413		
19,600.00	6,840.00	6,704.00	6,704.00	368.05	116.05	90.00	2,277.24	-8,420.16	5,938.54	5,752.85	185.70	31.980		
19,700.00	6,840.00	6,704.00	6,704.00	370.74	116.05	90.00	2,277.24	-8,420.16	6,038.22	5,852.70	185.52	32.547		
19,800.00	6,840.00	6,704.00	6,704.00	373.44	116.05	90.00	2,277.24	-8,420.16	6,137.91	5,952.55	185.36	33.114		
19,900.00	6,840.00	6,704.00	6,704.00	376.14	116.05	90.00	2,277.24	-8,420.16	6,237.61	6,052.41	185.20	33.680		
20,000.00	6,840.00	6,704.00	6,704.00	378.84	116.05	90.00	2,277.24	-8,420.16	6,337.32	6,152.27	185.05	34.246		
20,100.00	6,840.00	6,704.00	6,704.00	381.54	116.05	90.00	2,277.24	-8,420.16	6,437.04	6,252.13	184.91	34.812		
20,200.00	6,840.00	6,704.00	6,704.00	384.24	116.05	90.00	2,277.24	-8,420.16	6,536.77	6,351.99	184.77	35.377		
20,300.00	6,840.00	6,704.00	6,704.00	386.94	116.05	90.00	2,277.24	-8,420.16	6,636.50	6,451.86	184.64	35.942		
20,400.00	6,840.00	6,704.00	6,704.00	389.64	116.05	90.00	2,277.24	-8,420.16	6,736.24	6,551.72	184.52	36.507		
20,500.00	6,840.00	6,704.00	6,704.00	392.34	116.05	90.00	2,277.24	-8,420.16	6,835.99	6,651.59	184.40	37.071		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	116.05	90.00	2,277.24	-8,420.16	6,935.75	6,751.46	184.29	37.635	
20,609.76	6,840.00	6,704.00	6,704.00	395.31	116.05	90.00	2,277.24	-8,420.16	6,945.48	6,761.20	184.28	37.690	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,736.14	4,600.14	4,600.14	36.51	79.33	-33.35	2,152.98	-7,162.00	5,940.72	5,836.15	104.57	56.812		
5,200.00	4,826.74	4,709.26	4,690.74	37.37	81.23	-33.57	2,152.98	-7,162.00	5,904.39	5,797.29	107.10	55.130		
5,300.00	4,917.33	4,781.33	4,781.33	38.23	82.49	-33.80	2,152.98	-7,162.00	5,868.14	5,759.15	108.99	53.841		
5,400.00	5,007.92	4,871.92	4,871.92	39.09	84.07	-34.02	2,152.98	-7,162.00	5,831.98	5,720.77	111.21	52.443		
5,500.00	5,098.51	4,962.51	4,962.51	39.95	85.65	-34.25	2,152.98	-7,162.00	5,795.89	5,682.47	113.43	51.098		
5,600.00	5,189.11	5,053.11	5,053.11	40.81	87.23	-34.48	2,152.98	-7,162.00	5,759.90	5,644.24	115.65	49.803		
5,700.00	5,279.70	5,143.70	5,143.70	41.68	88.81	-34.71	2,152.98	-7,162.00	5,723.99	5,606.10	117.88	48.557		
5,800.00	5,370.29	5,234.29	5,234.29	42.54	90.40	-34.95	2,152.98	-7,162.00	5,688.16	5,568.05	120.12	47.355		
5,900.00	5,460.88	5,324.88	5,324.88	43.40	91.98	-35.19	2,152.98	-7,162.00	5,652.43	5,530.07	122.36	46.196		
6,000.00	5,551.47	5,415.47	5,415.47	44.26	93.56	-35.43	2,152.98	-7,162.00	5,616.79	5,492.19	124.60	45.078		
6,100.00	5,642.07	5,506.07	5,506.07	45.13	95.14	-35.67	2,152.98	-7,162.00	5,581.25	5,454.40	126.85	43.999		
6,200.00	5,732.66	5,603.34	5,596.66	45.99	96.84	-35.92	2,152.98	-7,162.00	5,545.79	5,416.57	129.22	42.917		
6,300.00	5,823.25	5,687.25	5,687.25	46.85	98.30	-36.17	2,152.98	-7,162.00	5,510.44	5,379.08	131.36	41.948		
6,400.00	5,913.84	5,777.84	5,777.84	47.72	99.88	-36.42	2,152.98	-7,162.00	5,475.19	5,341.56	133.63	40.973		
6,500.00	6,004.44	5,868.44	5,868.44	48.58	101.46	-36.68	2,152.98	-7,162.00	5,440.03	5,304.14	135.90	40.030		
6,600.00	6,095.03	5,959.03	5,959.03	49.44	103.04	-36.94	2,152.98	-7,162.00	5,404.98	5,266.81	138.17	39.118		
6,700.00	6,185.62	6,049.62	6,049.62	50.30	104.63	-37.20	2,152.98	-7,162.00	5,370.04	5,229.59	140.45	38.234		
6,800.00	6,276.21	6,140.21	6,140.21	51.17	106.21	-37.47	2,152.98	-7,162.00	5,335.20	5,192.46	142.74	37.377		
6,900.00	6,366.80	6,230.80	6,230.80	52.03	107.79	-37.73	2,152.98	-7,162.00	5,300.47	5,155.44	145.03	36.548		
7,000.00	6,457.40	6,321.40	6,321.40	52.89	109.37	-38.01	2,152.98	-7,162.00	5,265.86	5,118.53	147.33	35.743		
7,100.00	6,545.60	6,409.60	6,409.60	53.85	110.91	-27.84	2,152.98	-7,162.00	5,225.17	5,075.59	149.58	34.931		
7,200.00	6,626.13	6,509.87	6,490.13	55.05	112.66	-20.66	2,152.98	-7,162.00	5,169.52	5,017.50	152.02	34.006		
7,300.00	6,696.49	6,560.49	6,560.49	56.46	113.54	-15.75	2,152.98	-7,162.00	5,100.44	4,946.94	153.50	33.227		
7,400.00	6,754.56	6,618.56	6,618.56	58.05	114.56	-11.65	2,152.98	-7,162.00	5,019.98	4,864.98	155.00	32.387		
7,500.00	6,798.57	6,662.57	6,662.57	59.78	115.32	-6.81	2,152.98	-7,162.00	4,930.57	4,774.47	156.10	31.586		
7,600.00	6,827.18	6,708.82	6,691.18	61.58	116.13	3.21	2,152.98	-7,162.00	4,834.89	4,677.82	157.07	30.783		
7,700.00	6,839.51	6,703.51	6,703.51	63.39	116.04	57.77	2,152.98	-7,162.00	4,735.85	4,578.90	156.95	30.174		
7,800.00	6,840.00	6,704.00	6,704.00	65.19	116.05	90.00	2,152.98	-7,162.00	4,636.14	4,479.34	156.80	29.567		
7,900.00	6,840.00	6,704.00	6,704.00	67.04	116.05	90.00	2,152.98	-7,162.00	4,536.45	4,379.81	156.64	28.961		
8,000.00	6,840.00	6,704.00	6,704.00	68.95	116.05	90.00	2,152.98	-7,162.00	4,436.78	4,280.31	156.47	28.356		
8,100.00	6,840.00	6,704.00	6,704.00	70.91	116.05	90.00	2,152.98	-7,162.00	4,337.11	4,180.82	156.29	27.750		
8,200.00	6,840.00	6,704.00	6,704.00	72.91	116.05	90.00	2,152.98	-7,162.00	4,237.47	4,081.36	156.11	27.145		
8,300.00	6,840.00	6,704.00	6,704.00	74.96	116.05	90.00	2,152.98	-7,162.00	4,137.84	3,981.92	155.92	26.539		
8,400.00	6,840.00	6,704.00	6,704.00	77.05	116.05	90.00	2,152.98	-7,162.00	4,038.23	3,882.51	155.72	25.933		
8,500.00	6,840.00	6,704.00	6,704.00	79.18	116.05	90.00	2,152.98	-7,162.00	3,938.64	3,783.13	155.51	25.327		
8,600.00	6,840.00	6,704.00	6,704.00	81.34	116.05	90.00	2,152.98	-7,162.00	3,839.07	3,683.77	155.30	24.721		
8,700.00	6,840.00	6,704.00	6,704.00	83.54	116.05	90.00	2,152.98	-7,162.00	3,739.52	3,584.45	155.08	24.114		
8,800.00	6,840.00	6,704.00	6,704.00	85.76	116.05	90.00	2,152.98	-7,162.00	3,640.00	3,485.15	154.84	23.507		
8,900.00	6,840.00	6,704.00	6,704.00	88.02	116.05	90.00	2,152.98	-7,162.00	3,540.50	3,385.90	154.60	22.900		
9,000.00	6,840.00	6,704.00	6,704.00	90.30	116.05	90.00	2,152.98	-7,162.00	3,441.04	3,286.68	154.35	22.293		
9,100.00	6,840.00	6,704.00	6,704.00	92.60	116.05	90.00	2,152.98	-7,162.00	3,341.60	3,187.51	154.09	21.686		
9,200.00	6,840.00	6,704.00	6,704.00	94.93	116.05	90.00	2,152.98	-7,162.00	3,242.21	3,088.38	153.82	21.078		
9,300.00	6,840.00	6,704.00	6,704.00	97.28	116.05	90.00	2,152.98	-7,162.00	3,142.84	2,989.30	153.54	20.469		
9,400.00	6,840.00	6,704.00	6,704.00	99.65	116.05	90.00	2,152.98	-7,162.00	3,043.53	2,890.28	153.25	19.860		
9,500.00	6,840.00	6,704.00	6,704.00	102.03	116.05	90.00	2,152.98	-7,162.00	2,944.25	2,791.31	152.95	19.250		
9,600.00	6,840.00	6,704.00	6,704.00	104.43	116.05	90.00	2,152.98	-7,162.00	2,845.03	2,692.40	152.63	18.640		
9,700.00	6,840.00	6,704.00	6,704.00	106.85	116.05	90.00	2,152.98	-7,162.00	2,745.87	2,593.56	152.31	18.028		
9,800.00	6,840.00	6,704.00	6,704.00	109.29	116.05	90.00	2,152.98	-7,162.00	2,646.76	2,494.79	151.98	17.416		
9,900.00	6,840.00	6,704.00	6,704.00	111.73	116.05	90.00	2,152.98	-7,162.00	2,547.73	2,396.10	151.63	16.802		
10,000.00	6,840.00	6,704.00	6,704.00	114.19	116.05	90.00	2,152.98	-7,162.00	2,448.78	2,297.49	151.29	16.186		
10,100.00	6,840.00	6,704.00	6,704.00	116.66	116.05	90.00	2,152.98	-7,162.00	2,349.91	2,198.97	150.94	15.569		
10,200.00	6,840.00	6,704.00	6,704.00	119.15	116.05	90.00	2,152.98	-7,162.00	2,251.15	2,100.55	150.59	14.949		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	116.05	90.00	2,152.98	-7,162.00	8,185.81	8,009.08	176.74	46.317	
20,609.76	6,840.00	6,704.00	6,704.00	395.31	116.05	90.00	2,152.98	-7,162.00	8,195.56	8,018.83	176.74	46.372	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-68.42	2,218.15	-5,608.06	6,031.90					
100.00	100.00	0.00	0.00	0.13	0.00	-68.42	2,218.15	-5,608.06	6,030.82	6,030.69	0.13	N/A		
139.22	139.22	24.22	24.22	0.28	0.19	-68.42	2,218.15	-5,608.06	6,030.80	6,030.34	0.46	N/A		
200.00	200.00	85.00	85.00	0.49	0.66	-68.42	2,218.15	-5,608.06	6,030.80	6,029.65	1.15	5,230.212		
300.00	300.00	185.00	185.00	0.85	2.26	-68.42	2,218.15	-5,608.06	6,030.80	6,027.69	3.11	1,938.184		
400.00	400.00	285.00	285.00	1.21	4.01	-68.42	2,218.15	-5,608.06	6,030.80	6,025.59	5.22	1,156.351		
500.00	499.98	384.98	384.98	1.57	5.75	-19.17	2,218.15	-5,608.06	6,029.15	6,021.84	7.32	824.042		
600.00	599.84	484.84	484.84	1.93	7.49	-19.22	2,218.15	-5,608.06	6,024.21	6,014.79	9.42	639.685		
700.00	699.45	584.45	584.45	2.29	9.23	-19.31	2,218.15	-5,608.06	6,015.98	6,004.46	11.52	522.350		
800.00	798.70	683.70	683.70	2.67	10.96	-19.42	2,218.15	-5,608.06	6,004.47	5,990.86	13.61	441.063		
900.00	897.47	782.47	782.47	3.07	12.69	-19.57	2,218.15	-5,608.06	5,989.71	5,974.00	15.71	381.374		
1,000.00	995.62	880.62	880.62	3.50	14.40	-19.75	2,218.15	-5,608.06	5,971.70	5,953.91	17.79	335.642		
1,100.00	1,093.06	978.06	978.06	3.97	16.10	-19.98	2,218.15	-5,608.06	5,950.48	5,930.61	19.87	299.448		
1,200.00	1,189.64	1,074.64	1,074.64	4.47	17.79	-20.23	2,218.15	-5,608.06	5,926.08	5,904.14	21.94	270.059		
1,300.00	1,285.27	1,170.27	1,170.27	5.01	19.46	-20.53	2,218.15	-5,608.06	5,898.53	5,874.53	24.01	245.695		
1,400.00	1,379.82	1,264.82	1,264.82	5.61	21.11	-20.87	2,218.15	-5,608.06	5,867.88	5,841.81	26.06	225.149		
1,500.00	1,473.17	1,358.17	1,358.17	6.25	22.74	-21.25	2,218.15	-5,608.06	5,834.15	5,806.05	28.11	207.569		
1,600.00	1,565.21	1,450.21	1,450.21	6.96	24.34	-21.68	2,218.15	-5,608.06	5,797.41	5,767.27	30.14	192.342		
1,700.00	1,656.01	1,541.01	1,541.01	7.72	25.93	-22.00	2,218.15	-5,608.06	5,758.04	5,725.88	32.17	179.009		
1,800.00	1,746.60	1,631.60	1,631.60	8.50	27.51	-22.16	2,218.15	-5,608.06	5,718.30	5,684.11	34.19	167.259		
1,900.00	1,837.19	1,722.19	1,722.19	9.30	29.09	-22.32	2,218.15	-5,608.06	5,678.59	5,642.37	36.22	156.782		
2,000.00	1,927.79	1,812.79	1,812.79	10.12	30.67	-22.48	2,218.15	-5,608.06	5,638.92	5,600.66	38.26	147.389		
2,100.00	2,018.38	1,903.38	1,903.38	10.93	32.25	-22.64	2,218.15	-5,608.06	5,599.29	5,558.98	40.30	138.923		
2,200.00	2,108.97	2,008.03	1,993.97	11.76	34.04	-22.81	2,218.15	-5,608.06	5,559.70	5,517.13	42.57	130.608		
2,300.00	2,199.56	2,084.56	2,084.56	12.59	35.41	-22.97	2,218.15	-5,608.06	5,520.15	5,475.73	44.42	124.284		
2,400.00	2,290.15	2,175.15	2,175.15	13.43	36.99	-23.15	2,218.15	-5,608.06	5,480.64	5,434.16	46.48	117.916		
2,500.00	2,380.75	2,265.75	2,265.75	14.26	38.58	-23.32	2,218.15	-5,608.06	5,441.17	5,392.63	48.55	112.079		
2,600.00	2,471.34	2,356.34	2,356.34	15.11	40.16	-23.49	2,218.15	-5,608.06	5,401.75	5,351.13	50.62	106.711		
2,700.00	2,561.93	2,446.93	2,446.93	15.95	41.74	-23.67	2,218.15	-5,608.06	5,362.38	5,309.68	52.70	101.757		
2,800.00	2,652.52	2,537.52	2,537.52	16.80	43.32	-23.85	2,218.15	-5,608.06	5,323.04	5,268.26	54.78	97.172		
2,900.00	2,743.12	2,628.12	2,628.12	17.64	44.90	-24.03	2,218.15	-5,608.06	5,283.76	5,226.89	56.87	92.917		
3,000.00	2,833.71	2,718.71	2,718.71	18.49	46.48	-24.22	2,218.15	-5,608.06	5,244.52	5,185.57	58.95	88.958		
3,100.00	2,924.30	2,809.30	2,809.30	19.35	48.06	-24.41	2,218.15	-5,608.06	5,205.33	5,144.28	61.05	85.265		
3,200.00	3,014.89	2,900.11	2,899.89	20.20	49.65	-24.60	2,218.15	-5,608.06	5,166.19	5,103.04	63.15	81.809		
3,300.00	3,105.48	3,009.52	2,990.48	21.05	51.56	-24.79	2,218.15	-5,608.06	5,127.10	5,061.52	65.58	78.181		
3,400.00	3,196.08	3,081.08	3,081.08	21.91	52.81	-24.99	2,218.15	-5,608.06	5,088.07	5,020.72	67.35	75.544		
3,500.00	3,286.67	3,171.67	3,171.67	22.76	54.39	-25.19	2,218.15	-5,608.06	5,049.09	4,979.62	69.46	72.689		
3,600.00	3,377.26	3,262.26	3,262.26	23.62	55.97	-25.39	2,218.15	-5,608.06	5,010.16	4,938.58	71.57	69.999		
3,700.00	3,467.85	3,352.85	3,352.85	24.47	57.55	-25.60	2,218.15	-5,608.06	4,971.29	4,897.59	73.69	67.461		
3,800.00	3,558.45	3,443.45	3,443.45	25.33	59.13	-25.81	2,218.15	-5,608.06	4,932.47	4,856.66	75.81	65.062		
3,900.00	3,649.04	3,534.04	3,534.04	26.19	60.71	-26.02	2,218.15	-5,608.06	4,893.71	4,815.78	77.94	62.791		
4,000.00	3,739.63	3,624.63	3,624.63	27.05	62.29	-26.23	2,218.15	-5,608.06	4,855.02	4,774.95	80.06	60.639		
4,100.00	3,830.22	3,715.22	3,715.22	27.90	63.87	-26.45	2,218.15	-5,608.06	4,816.38	4,734.18	82.20	58.596		
4,200.00	3,920.81	3,805.81	3,805.81	28.76	65.46	-26.67	2,218.15	-5,608.06	4,777.81	4,693.48	84.33	56.654		
4,300.00	4,011.41	3,903.59	3,896.41	29.62	67.16	-26.90	2,218.15	-5,608.06	4,739.30	4,652.70	86.60	54.726		
4,400.00	4,102.00	3,987.00	3,987.00	30.48	68.62	-27.13	2,218.15	-5,608.06	4,700.86	4,612.24	88.62	53.045		
4,500.00	4,192.59	4,077.59	4,077.59	31.34	70.20	-27.36	2,218.15	-5,608.06	4,662.49	4,571.72	90.77	51.366		
4,600.00	4,283.18	4,168.18	4,168.18	32.20	71.78	-27.60	2,218.15	-5,608.06	4,624.18	4,531.26	92.92	49.763		
4,700.00	4,373.78	4,258.78	4,258.78	33.06	73.36	-27.84	2,218.15	-5,608.06	4,585.95	4,490.86	95.08	48.232		
4,800.00	4,464.37	4,349.37	4,349.37	33.92	74.94	-28.08	2,218.15	-5,608.06	4,547.78	4,450.54	97.25	46.766		
4,900.00	4,554.96	4,439.96	4,439.96	34.78	76.52	-28.33	2,218.15	-5,608.06	4,509.70	4,410.29	99.41	45.363		
5,000.00	4,645.55	4,530.55	4,530.55	35.64	78.10	-28.58	2,218.15	-5,608.06	4,471.69	4,370.10	101.59	44.019		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	116.40	90.00	2,218.15	-5,608.06	9,741.12	9,563.92	177.20	54.973	
20,609.76	6,840.00	6,725.00	6,725.00	395.31	116.40	90.00	2,218.15	-5,608.06	9,750.86	9,573.66	177.20	55.028	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,400.00	6,840.00	6,769.00	6,769.00	124.14	117.18	-90.00	896.36	-15,004.09	9,902.46	9,733.49	168.97	58.606		
10,500.00	6,840.00	6,769.00	6,769.00	126.65	117.18	-90.00	896.36	-15,004.09	9,802.90	9,633.64	169.26	57.915		
10,600.00	6,840.00	6,769.00	6,769.00	129.18	117.18	-90.00	896.36	-15,004.09	9,703.36	9,533.79	169.57	57.225		
10,700.00	6,840.00	6,769.00	6,769.00	131.70	117.18	-90.00	896.36	-15,004.09	9,603.82	9,433.95	169.87	56.535		
10,800.00	6,840.00	6,769.00	6,769.00	134.24	117.18	-90.00	896.36	-15,004.09	9,504.30	9,334.11	170.19	55.845		
10,900.00	6,840.00	6,769.00	6,769.00	136.79	117.18	-90.00	896.36	-15,004.09	9,404.79	9,234.27	170.52	55.155		
11,000.00	6,840.00	6,769.00	6,769.00	139.34	117.18	-90.00	896.36	-15,004.09	9,305.28	9,134.43	170.85	54.465		
11,100.00	6,840.00	6,769.00	6,769.00	141.90	117.18	-90.00	896.36	-15,004.09	9,205.79	9,034.60	171.19	53.776		
11,200.00	6,840.00	6,769.00	6,769.00	144.46	117.18	-90.00	896.36	-15,004.09	9,106.31	8,934.77	171.54	53.087		
11,300.00	6,840.00	6,769.00	6,769.00	147.03	117.18	-90.00	896.36	-15,004.09	9,006.84	8,834.94	171.89	52.398		
11,400.00	6,840.00	6,769.00	6,769.00	149.60	117.18	-90.00	896.36	-15,004.09	8,907.38	8,735.12	172.26	51.709		
11,500.00	6,840.00	6,769.00	6,769.00	152.18	117.18	-90.00	896.36	-15,004.09	8,807.93	8,635.30	172.63	51.021		
11,600.00	6,840.00	6,769.00	6,769.00	154.77	117.18	-90.00	896.36	-15,004.09	8,708.50	8,535.48	173.02	50.333		
11,700.00	6,840.00	6,769.00	6,769.00	157.36	117.18	-90.00	896.36	-15,004.09	8,609.08	8,435.66	173.41	49.645		
11,800.00	6,840.00	6,769.00	6,769.00	159.95	117.18	-90.00	896.36	-15,004.09	8,509.67	8,335.85	173.82	48.957		
11,900.00	6,840.00	6,769.00	6,769.00	162.55	117.18	-90.00	896.36	-15,004.09	8,410.28	8,236.04	174.23	48.270		
12,000.00	6,840.00	6,769.00	6,769.00	165.16	117.18	-90.00	896.36	-15,004.09	8,310.90	8,136.24	174.66	47.584		
12,100.00	6,840.00	6,769.00	6,769.00	167.76	117.18	-90.00	896.36	-15,004.09	8,211.53	8,036.44	175.10	46.897		
12,200.00	6,840.00	6,769.00	6,769.00	170.37	117.18	-90.00	896.36	-15,004.09	8,112.19	7,936.64	175.54	46.211		
12,300.00	6,840.00	6,769.00	6,769.00	172.99	117.18	-90.00	896.36	-15,004.09	8,012.85	7,836.85	176.01	45.526		
12,400.00	6,840.00	6,769.00	6,769.00	175.60	117.18	-90.00	896.36	-15,004.09	7,913.54	7,737.06	176.48	44.841		
12,500.00	6,840.00	6,769.00	6,769.00	178.23	117.18	-90.00	896.36	-15,004.09	7,814.24	7,637.27	176.97	44.157		
12,600.00	6,840.00	6,769.00	6,769.00	180.85	117.18	-90.00	896.36	-15,004.09	7,714.96	7,537.50	177.47	43.473		
12,700.00	6,840.00	6,769.00	6,769.00	183.47	117.18	-90.00	896.36	-15,004.09	7,615.70	7,437.72	177.98	42.789		
12,800.00	6,840.00	6,769.00	6,769.00	186.10	117.18	-90.00	896.36	-15,004.09	7,516.46	7,337.95	178.51	42.106		
12,900.00	6,840.00	6,769.00	6,769.00	188.74	117.18	-90.00	896.36	-15,004.09	7,417.24	7,238.18	179.06	41.424		
13,000.00	6,840.00	6,769.00	6,769.00	191.37	117.18	-90.00	896.36	-15,004.09	7,318.04	7,138.42	179.62	40.742		
13,100.00	6,840.00	6,769.00	6,769.00	194.01	117.18	-90.00	896.36	-15,004.09	7,218.86	7,038.67	180.19	40.062		
13,200.00	6,840.00	6,769.00	6,769.00	196.65	117.18	-90.00	896.36	-15,004.09	7,119.71	6,938.92	180.79	39.381		
13,300.00	6,840.00	6,769.00	6,769.00	199.29	117.18	-90.00	896.36	-15,004.09	7,020.58	6,839.18	181.40	38.702		
13,400.00	6,840.00	6,769.00	6,769.00	201.93	117.18	-90.00	896.36	-15,004.09	6,921.48	6,739.44	182.03	38.023		
13,500.00	6,840.00	6,769.00	6,769.00	204.58	117.18	-90.00	896.36	-15,004.09	6,822.40	6,639.71	182.69	37.345		
13,600.00	6,840.00	6,769.00	6,769.00	207.22	117.18	-90.00	896.36	-15,004.09	6,723.35	6,539.99	183.36	36.668		
13,700.00	6,840.00	6,769.00	6,769.00	209.87	117.18	-90.00	896.36	-15,004.09	6,624.32	6,440.27	184.05	35.992		
13,800.00	6,840.00	6,769.00	6,769.00	212.52	117.18	-90.00	896.36	-15,004.09	6,525.33	6,340.56	184.77	35.317		
13,900.00	6,840.00	6,769.00	6,769.00	215.18	117.18	-90.00	896.36	-15,004.09	6,426.37	6,240.86	185.51	34.642		
14,000.00	6,840.00	6,769.00	6,769.00	217.83	117.18	-90.00	896.36	-15,004.09	6,327.44	6,141.17	186.27	33.969		
14,100.00	6,840.00	6,769.00	6,769.00	220.49	117.18	-90.00	896.36	-15,004.09	6,228.54	6,041.48	187.06	33.297		
14,200.00	6,840.00	6,769.00	6,769.00	223.15	117.18	-90.00	896.36	-15,004.09	6,129.68	5,941.81	187.88	32.626		
14,300.00	6,840.00	6,769.00	6,769.00	225.81	117.18	-90.00	896.36	-15,004.09	6,030.86	5,842.14	188.72	31.956		
14,400.00	6,840.00	6,769.00	6,769.00	228.47	117.18	-90.00	896.36	-15,004.09	5,932.08	5,742.48	189.60	31.287		
14,500.00	6,840.00	6,769.00	6,769.00	231.13	117.18	-90.00	896.36	-15,004.09	5,833.34	5,642.83	190.51	30.620		
14,600.00	6,840.00	6,769.00	6,769.00	233.79	117.18	-90.00	896.36	-15,004.09	5,734.64	5,543.20	191.45	29.954		
14,700.00	6,840.00	6,769.00	6,769.00	236.46	117.18	-90.00	896.36	-15,004.09	5,635.99	5,443.57	192.42	29.290		
14,800.00	6,840.00	6,769.00	6,769.00	239.12	117.18	-90.00	896.36	-15,004.09	5,537.39	5,343.95	193.43	28.627		
14,900.00	6,840.00	6,769.00	6,769.00	241.79	117.18	-90.00	896.36	-15,004.09	5,438.84	5,244.35	194.48	27.966		
15,000.00	6,840.00	6,769.00	6,769.00	244.46	117.18	-90.00	896.36	-15,004.09	5,340.34	5,144.76	195.57	27.306		
15,100.00	6,840.00	6,769.00	6,769.00	247.13	117.18	-90.00	896.36	-15,004.09	5,241.90	5,045.19	196.71	26.648		
15,200.00	6,840.00	6,769.00	6,769.00	249.80	117.18	-90.00	896.36	-15,004.09	5,143.52	4,945.63	197.89	25.992		
15,300.00	6,840.00	6,769.00	6,769.00	252.47	117.18	-90.00	896.36	-15,004.09	5,045.20	4,846.08	199.11	25.338		
15,400.00	6,840.00	6,769.00	6,769.00	255.15	117.18	-90.00	896.36	-15,004.09	4,946.95	4,746.56	200.39	24.686		
15,500.00	6,840.00	6,769.00	6,769.00	257.82	117.18	-90.00	896.36	-15,004.09	4,848.77	4,647.04	201.73	24.036		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,600.00	6,840.00	6,769.00	6,769.00	260.50	117.18	-90.00	896.36	-15,004.09	4,750.67	4,547.55	203.12	23.389		
15,700.00	6,840.00	6,769.00	6,769.00	263.17	117.18	-90.00	896.36	-15,004.09	4,652.65	4,448.08	204.57	22.744		
15,800.00	6,840.00	6,769.00	6,769.00	265.85	117.18	-90.00	896.36	-15,004.09	4,554.71	4,348.63	206.08	22.101		
15,900.00	6,840.00	6,769.00	6,769.00	268.53	117.18	-90.00	896.36	-15,004.09	4,456.87	4,249.20	207.67	21.462		
16,000.00	6,840.00	6,769.00	6,769.00	271.20	117.18	-90.00	896.36	-15,004.09	4,359.12	4,149.80	209.32	20.825		
16,100.00	6,840.00	6,769.00	6,769.00	273.88	117.18	-90.00	896.36	-15,004.09	4,261.48	4,050.42	211.06	20.191		
16,200.00	6,840.00	6,769.00	6,769.00	276.56	117.18	-90.00	896.36	-15,004.09	4,163.95	3,951.07	212.88	19.560		
16,300.00	6,840.00	6,769.00	6,769.00	279.25	117.18	-90.00	896.36	-15,004.09	4,066.54	3,851.75	214.79	18.933		
16,400.00	6,840.00	6,769.00	6,769.00	281.93	117.18	-90.00	896.36	-15,004.09	3,969.26	3,752.47	216.79	18.309		
16,500.00	6,840.00	6,769.00	6,769.00	284.61	117.18	-90.00	896.36	-15,004.09	3,872.12	3,653.22	218.90	17.689		
16,600.00	6,840.00	6,769.00	6,769.00	287.29	117.18	-90.00	896.36	-15,004.09	3,775.13	3,554.01	221.12	17.073		
16,700.00	6,840.00	6,769.00	6,769.00	289.98	117.18	-90.00	896.36	-15,004.09	3,678.30	3,454.84	223.45	16.461		
16,800.00	6,840.00	6,769.00	6,769.00	292.66	117.18	-90.00	896.36	-15,004.09	3,581.64	3,355.72	225.92	15.854		
16,900.00	6,840.00	6,769.00	6,769.00	295.35	117.18	-90.00	896.36	-15,004.09	3,485.17	3,256.65	228.52	15.251		
17,000.00	6,840.00	6,769.00	6,769.00	298.03	117.18	-90.00	896.36	-15,004.09	3,388.90	3,157.64	231.27	14.654		
17,100.00	6,840.00	6,769.00	6,769.00	300.72	117.18	-90.00	896.36	-15,004.09	3,292.86	3,058.69	234.17	14.062		
17,200.00	6,840.00	6,769.00	6,769.00	303.41	117.18	-90.00	896.36	-15,004.09	3,197.06	2,959.81	237.26	13.475		
17,300.00	6,840.00	6,769.00	6,769.00	306.09	117.18	-90.00	896.36	-15,004.09	3,101.53	2,861.00	240.53	12.895		
17,400.00	6,840.00	6,769.00	6,769.00	308.78	117.18	-90.00	896.36	-15,004.09	3,006.29	2,762.29	244.00	12.321		
17,500.00	6,840.00	6,769.00	6,769.00	311.47	117.18	-90.00	896.36	-15,004.09	2,911.36	2,663.66	247.70	11.754		
17,600.00	6,840.00	6,769.00	6,769.00	314.16	117.18	-90.00	896.36	-15,004.09	2,816.79	2,565.15	251.64	11.194		
17,700.00	6,840.00	6,769.00	6,769.00	316.85	117.18	-90.00	896.36	-15,004.09	2,722.61	2,466.76	255.84	10.642		
17,800.00	6,840.00	6,769.00	6,769.00	319.54	117.18	-90.00	896.36	-15,004.09	2,628.85	2,368.52	260.34	10.098		
17,900.00	6,840.00	6,769.00	6,769.00	322.23	117.18	-90.00	896.36	-15,004.09	2,535.57	2,270.43	265.15	9.563		
18,000.00	6,840.00	6,769.00	6,769.00	324.92	117.18	-90.00	896.36	-15,004.09	2,442.83	2,172.53	270.30	9.037		
18,100.00	6,840.00	6,769.00	6,769.00	327.62	117.18	-90.00	896.36	-15,004.09	2,350.68	2,074.84	275.84	8.522		
18,200.00	6,840.00	6,769.00	6,769.00	330.31	117.18	-90.00	896.36	-15,004.09	2,259.19	1,977.40	281.79	8.017		
18,300.00	6,840.00	6,769.00	6,769.00	333.00	117.18	-90.00	896.36	-15,004.09	2,168.46	1,880.26	288.20	7.524		
18,400.00	6,840.00	6,769.00	6,769.00	335.70	117.18	-90.00	896.36	-15,004.09	2,078.58	1,783.47	295.11	7.043		
18,500.00	6,840.00	6,769.00	6,769.00	338.39	117.18	-90.00	896.36	-15,004.09	1,989.67	1,687.09	302.58	6.576		
18,600.00	6,840.00	6,769.00	6,769.00	341.08	117.18	-90.00	896.36	-15,004.09	1,901.85	1,591.21	310.65	6.122		
18,700.00	6,840.00	6,769.00	6,769.00	343.78	117.18	-90.00	896.36	-15,004.09	1,815.30	1,495.93	319.37	5.684		
18,800.00	6,840.00	6,769.00	6,769.00	346.47	117.18	-90.00	896.36	-15,004.09	1,730.20	1,401.38	328.82	5.262		
18,900.00	6,840.00	6,769.00	6,769.00	349.17	117.18	-90.00	896.36	-15,004.09	1,646.78	1,307.73	339.04	4.857		
19,000.00	6,840.00	6,769.00	6,769.00	351.86	117.18	-90.00	896.36	-15,004.09	1,565.29	1,215.21	350.09	4.471		
19,100.00	6,840.00	6,769.00	6,769.00	354.56	117.18	-90.00	896.36	-15,004.09	1,486.07	1,124.08	362.00	4.105		
19,200.00	6,840.00	6,769.00	6,769.00	357.26	117.18	-90.00	896.36	-15,004.09	1,409.50	1,034.71	374.79	3.761		
19,300.00	6,840.00	6,769.00	6,769.00	359.95	117.18	-90.00	896.36	-15,004.09	1,336.03	947.57	388.45	3.439		
19,400.00	6,840.00	6,769.00	6,769.00	362.65	117.18	-90.00	896.36	-15,004.09	1,266.19	863.28	402.92	3.143		
19,500.00	6,840.00	6,769.00	6,769.00	365.35	117.18	-90.00	896.36	-15,004.09	1,200.63	782.61	418.02	2.872		
19,600.00	6,840.00	6,769.00	6,769.00	368.05	117.18	-90.00	896.36	-15,004.09	1,140.08	706.56	433.52	2.630		
19,700.00	6,840.00	6,769.00	6,769.00	370.74	117.18	-90.00	896.36	-15,004.09	1,085.38	636.39	448.99	2.417		
19,800.00	6,840.00	6,769.00	6,769.00	373.44	117.18	-90.00	896.36	-15,004.09	1,037.46	573.59	463.87	2.237		
19,900.00	6,840.00	6,769.00	6,769.00	376.14	117.18	-90.00	896.36	-15,004.09	997.30	519.89	477.41	2.089		
20,000.00	6,840.00	6,769.00	6,769.00	378.84	117.18	-90.00	896.36	-15,004.09	965.86	477.11	488.75	1.976		
20,100.00	6,840.00	6,769.00	6,769.00	381.54	117.18	-90.00	896.36	-15,004.09	944.01	447.01	496.99	1.899		
20,200.00	6,840.00	6,769.00	6,769.00	384.24	117.18	-90.00	896.36	-15,004.09	932.43	431.03	501.40	1.860		
20,258.63	6,840.00	6,769.00	6,769.00	385.82	117.18	-90.00	896.36	-15,004.09	930.58	428.58	502.01	1.854 CC, ES, SF		
20,300.00	6,840.00	6,769.00	6,769.00	386.94	117.18	-90.00	896.36	-15,004.09	931.50	429.97	501.53	1.857		
20,400.00	6,840.00	6,769.00	6,769.00	389.64	117.18	-90.00	896.36	-15,004.09	941.26	443.92	497.34	1.893		
20,500.00	6,840.00	6,769.00	6,769.00	392.34	117.18	-90.00	896.36	-15,004.09	961.38	472.14	489.24	1.965		
20,600.00	6,840.00	6,769.00	6,769.00	395.04	117.18	-90.00	896.36	-15,004.09	991.22	513.28	477.94	2.074		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,609.76	6,840.00	6,769.00	6,769.00	395.31	117.18	-90.00	896.36	-15,004.09	994.62	517.93	476.70	2.086	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,732.66	5,644.36	5,642.10	45.99	1.66	-41.44	1,804.17	-11,627.98	9,971.75	9,935.78	35.97	277.208		
6,300.00	5,823.25	5,740.13	5,737.86	46.85	1.67	-41.61	1,803.26	-11,627.64	9,938.34	9,901.67	36.67	271.057		
6,400.00	5,913.84	5,813.49	5,811.22	47.72	1.67	-41.74	1,802.81	-11,627.46	9,905.11	9,867.74	37.37	265.064		
6,500.00	6,004.44	5,890.71	5,888.44	48.58	1.67	-41.87	1,802.63	-11,627.37	9,872.09	9,834.02	38.07	259.298		
6,600.00	6,095.03	5,959.48	5,957.21	49.44	1.68	-41.99	1,802.60	-11,627.41	9,839.31	9,800.53	38.78	253.715		
6,700.00	6,185.62	6,026.04	6,023.77	50.30	1.68	-42.11	1,802.57	-11,627.60	9,806.80	9,767.31	39.50	248.285		
6,800.00	6,276.21	6,090.98	6,088.71	51.17	1.70	-42.23	1,802.51	-11,627.96	9,774.61	9,734.38	40.23	242.989		
6,900.00	6,366.80	6,172.93	6,170.65	52.03	1.71	-42.37	1,802.30	-11,628.57	9,742.66	9,701.71	40.95	237.897		
7,000.00	6,457.40	6,266.51	6,264.23	52.89	1.73	-42.54	1,801.75	-11,629.30	9,710.82	9,669.14	41.68	232.990		
7,100.00	6,545.60	6,421.21	6,418.92	53.85	1.75	-32.73	1,800.43	-11,630.05	9,672.57	9,630.18	42.39	228.179		
7,200.00	6,626.13	6,759.28	6,756.92	55.05	1.77	-26.66	1,796.30	-11,625.28	9,617.10	9,574.12	42.98	223.761		
7,300.00	6,696.49	6,836.23	6,833.84	56.46	1.77	-22.80	1,795.67	-11,623.21	9,547.56	9,503.93	43.63	218.832		
7,400.00	6,754.56	6,887.48	6,885.08	58.05	1.77	-20.53	1,795.41	-11,621.84	9,466.67	9,422.48	44.19	214.206		
7,500.00	6,798.57	6,945.01	6,942.58	59.78	1.77	-19.57	1,795.15	-11,620.28	9,376.86	9,332.24	44.62	210.142		
7,600.00	6,827.18	6,986.35	6,983.90	61.58	1.77	-20.34	1,794.91	-11,619.07	9,280.78	9,235.88	44.90	206.696		
7,700.00	6,839.51	7,001.18	6,998.73	63.39	1.77	-55.14	1,794.81	-11,618.63	9,181.42	9,136.39	45.03	203.913		
7,800.00	6,840.00	6,997.13	6,994.68	65.19	1.77	-176.41	1,794.84	-11,618.75	9,081.46	9,036.42	45.04	201.617		
7,900.00	6,840.00	6,992.37	6,989.92	67.04	1.77	-176.35	1,794.87	-11,618.89	8,981.51	8,936.45	45.06	199.341		
8,000.00	6,840.00	6,987.67	6,985.22	68.95	1.77	-176.29	1,794.90	-11,619.03	8,881.55	8,836.48	45.07	197.063		
8,100.00	6,840.00	6,983.03	6,980.58	70.91	1.77	-176.23	1,794.93	-11,619.17	8,781.60	8,736.51	45.08	194.783		
8,200.00	6,840.00	6,978.44	6,976.00	72.91	1.77	-176.17	1,794.96	-11,619.31	8,681.64	8,636.54	45.10	192.501		
8,300.00	6,840.00	6,973.91	6,971.47	74.96	1.77	-176.11	1,794.99	-11,619.44	8,581.68	8,536.57	45.11	190.219		
8,400.00	6,840.00	6,969.44	6,967.00	77.05	1.77	-176.05	1,795.01	-11,619.57	8,481.73	8,436.60	45.13	187.934		
8,500.00	6,840.00	6,965.02	6,962.58	79.18	1.77	-175.98	1,795.04	-11,619.70	8,381.77	8,336.62	45.15	185.649		
8,600.00	6,840.00	6,960.66	6,958.22	81.34	1.77	-175.92	1,795.07	-11,619.83	8,281.81	8,236.65	45.17	183.362		
8,700.00	6,840.00	6,956.34	6,953.91	83.54	1.77	-175.85	1,795.09	-11,619.95	8,181.85	8,136.67	45.18	181.075		
8,800.00	6,840.00	6,952.08	6,949.65	85.76	1.77	-175.78	1,795.11	-11,620.07	8,081.90	8,036.69	45.20	178.786		
8,900.00	6,840.00	6,947.87	6,945.44	88.02	1.77	-175.70	1,795.14	-11,620.19	7,981.94	7,936.71	45.22	176.497		
9,000.00	6,840.00	6,943.71	6,941.28	90.30	1.77	-175.63	1,795.16	-11,620.31	7,881.98	7,836.73	45.24	174.207		
9,100.00	6,840.00	6,939.60	6,937.17	92.60	1.77	-175.55	1,795.18	-11,620.43	7,782.02	7,736.75	45.27	171.916		
9,200.00	6,840.00	6,935.54	6,933.11	94.93	1.77	-175.47	1,795.20	-11,620.54	7,682.06	7,636.77	45.29	169.624		
9,300.00	6,840.00	6,931.52	6,929.10	97.28	1.77	-175.39	1,795.22	-11,620.65	7,582.09	7,536.78	45.31	167.332		
9,400.00	6,840.00	6,927.55	6,925.13	99.65	1.77	-175.31	1,795.24	-11,620.76	7,482.13	7,436.80	45.34	165.040		
9,500.00	6,840.00	6,923.63	6,921.21	102.03	1.77	-175.22	1,795.26	-11,620.87	7,382.17	7,336.81	45.36	162.748		
9,600.00	6,840.00	6,919.75	6,917.33	104.43	1.77	-175.14	1,795.27	-11,620.98	7,282.21	7,236.82	45.38	160.455		
9,700.00	6,840.00	6,915.92	6,913.50	106.85	1.77	-175.04	1,795.29	-11,621.08	7,182.25	7,136.83	45.41	158.162		
9,800.00	6,840.00	6,912.12	6,909.71	109.29	1.77	-174.95	1,795.31	-11,621.18	7,082.28	7,036.84	45.44	155.869		
9,900.00	6,840.00	6,908.37	6,905.96	111.73	1.77	-174.86	1,795.32	-11,621.28	6,982.32	6,936.85	45.46	153.577		
10,000.00	6,840.00	6,904.67	6,902.25	114.19	1.77	-174.76	1,795.34	-11,621.38	6,882.35	6,836.86	45.49	151.284		
10,100.00	6,840.00	6,901.00	6,898.59	116.66	1.77	-174.65	1,795.35	-11,621.48	6,782.39	6,736.87	45.52	148.992		
10,200.00	6,840.00	6,898.19	6,895.78	119.15	1.77	-174.57	1,795.36	-11,621.55	6,682.43	6,636.87	45.55	146.705		
10,300.00	6,840.00	6,895.70	6,893.29	121.64	1.77	-174.50	1,795.37	-11,621.62	6,582.46	6,536.88	45.58	144.421		
10,400.00	6,840.00	6,893.20	6,890.79	124.14	1.77	-174.42	1,795.38	-11,621.69	6,482.50	6,436.89	45.61	142.137		
10,500.00	6,840.00	6,890.70	6,888.29	126.65	1.77	-174.34	1,795.39	-11,621.75	6,382.53	6,336.89	45.64	139.853		
10,600.00	6,840.00	6,888.19	6,885.78	129.18	1.77	-174.26	1,795.40	-11,621.82	6,282.57	6,236.90	45.67	137.570		
10,700.00	6,840.00	6,885.68	6,883.27	131.70	1.77	-174.18	1,795.41	-11,621.89	6,182.60	6,136.90	45.70	135.289		
10,800.00	6,840.00	6,883.16	6,880.75	134.24	1.77	-174.09	1,795.42	-11,621.95	6,082.64	6,036.91	45.73	133.008		
10,900.00	6,840.00	6,880.64	6,878.23	136.79	1.77	-174.00	1,795.44	-11,622.02	5,982.67	5,936.91	45.76	130.728		
11,000.00	6,840.00	6,878.12	6,875.71	139.34	1.77	-173.91	1,795.45	-11,622.09	5,882.71	5,836.91	45.80	128.449		
11,100.00	6,840.00	6,875.59	6,873.18	141.90	1.77	-173.82	1,795.46	-11,622.15	5,782.75	5,736.91	45.83	126.171		
11,200.00	6,840.00	6,873.05	6,870.65	144.46	1.77	-173.72	1,795.47	-11,622.22	5,682.78	5,636.91	45.87	123.895		
11,300.00	6,840.00	6,870.51	6,868.11	147.03	1.77	-173.62	1,795.48	-11,622.29	5,582.82	5,536.91	45.90	121.619		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,728.26	6,725.92	287.29	1.77	-114.13	1,796.73	-11,626.08	285.10	226.61	58.48	4.875		
16,700.00	6,840.00	6,725.73	6,723.38	289.98	1.77	-105.89	1,796.77	-11,626.14	185.35	120.19	65.16	2.844		
16,800.00	6,840.00	6,723.21	6,720.87	292.66	1.77	-96.92	1,796.82	-11,626.20	86.12	-2.90	89.02	0.967	Level 1	
16,884.77	6,840.00	6,721.09	6,718.74	294.94	1.77	-89.04	1,796.85	-11,626.26	15.33	-279.85	295.18	0.052	Level 1, CC, ES, SF	
16,900.00	6,840.00	6,720.71	6,718.36	295.35	1.77	-87.62	1,796.86	-11,626.26	21.60	-170.73	192.33	0.112	Level 1	
17,000.00	6,840.00	6,718.22	6,715.88	298.03	1.77	-78.44	1,796.90	-11,626.33	116.21	76.10	40.10	2.898		
17,100.00	6,840.00	6,715.74	6,713.40	300.72	1.77	-69.83	1,796.94	-11,626.39	215.71	176.43	39.28	5.492		
17,200.00	6,840.00	6,713.29	6,710.95	303.41	1.77	-62.07	1,796.99	-11,626.45	315.50	274.38	41.12	7.673		
17,300.00	6,840.00	6,710.84	6,708.51	306.09	1.77	-55.29	1,797.03	-11,626.51	415.38	372.88	42.50	9.774		
17,400.00	6,840.00	6,708.42	6,706.08	308.78	1.77	-49.46	1,797.08	-11,626.57	515.30	471.81	43.48	11.850		
17,500.00	6,840.00	6,706.00	6,703.67	311.47	1.77	-44.49	1,797.12	-11,626.63	615.23	571.01	44.22	13.914		
17,600.00	6,840.00	6,703.61	6,701.27	314.16	1.77	-40.26	1,797.17	-11,626.68	715.17	670.39	44.78	15.970		
17,700.00	6,840.00	6,701.22	6,698.89	316.85	1.77	-36.66	1,797.21	-11,626.74	815.12	769.89	45.24	18.018		
17,800.00	6,840.00	6,698.90	6,696.57	319.54	1.77	-33.64	1,797.26	-11,626.80	915.08	869.46	45.62	20.060		
17,900.00	6,840.00	6,696.66	6,694.32	322.23	1.77	-31.09	1,797.30	-11,626.85	1,015.04	969.10	45.94	22.096		
18,000.00	6,840.00	6,694.44	6,692.11	324.92	1.77	-28.89	1,797.34	-11,626.91	1,115.00	1,068.78	46.22	24.125		
18,100.00	6,840.00	6,692.26	6,689.93	327.62	1.77	-26.98	1,797.38	-11,626.96	1,214.96	1,168.50	46.46	26.149		
18,200.00	6,840.00	6,690.10	6,687.77	330.31	1.77	-25.30	1,797.42	-11,627.01	1,314.93	1,268.24	46.68	28.168		
18,300.00	6,840.00	6,687.98	6,685.65	333.00	1.77	-23.81	1,797.46	-11,627.06	1,414.89	1,368.01	46.88	30.180		
18,400.00	6,840.00	6,685.88	6,683.55	335.70	1.77	-22.50	1,797.50	-11,627.11	1,514.86	1,467.79	47.06	32.187		
18,500.00	6,840.00	6,683.81	6,681.49	338.39	1.77	-21.32	1,797.54	-11,627.15	1,614.83	1,567.59	47.23	34.188		
18,600.00	6,840.00	6,681.77	6,679.45	341.08	1.77	-20.27	1,797.58	-11,627.20	1,714.80	1,667.41	47.39	36.184		
18,700.00	6,840.00	6,679.76	6,677.43	343.78	1.77	-19.32	1,797.61	-11,627.25	1,814.77	1,767.23	47.54	38.173		
18,800.00	6,840.00	6,677.77	6,675.45	346.47	1.77	-18.46	1,797.65	-11,627.29	1,914.74	1,867.06	47.68	40.157		
18,900.00	6,840.00	6,675.81	6,673.49	349.17	1.77	-17.67	1,797.68	-11,627.34	2,014.71	1,966.89	47.82	42.135		
19,000.00	6,840.00	6,673.87	6,671.55	351.86	1.77	-16.96	1,797.71	-11,627.38	2,114.68	2,066.74	47.94	44.108		
19,100.00	6,840.00	6,671.96	6,669.64	354.56	1.77	-16.30	1,797.75	-11,627.42	2,214.65	2,166.59	48.07	46.074		
19,200.00	6,840.00	6,670.07	6,667.75	357.26	1.77	-15.70	1,797.78	-11,627.46	2,314.63	2,266.44	48.19	48.035		
19,300.00	6,840.00	6,668.21	6,665.89	359.95	1.77	-15.14	1,797.81	-11,627.50	2,414.60	2,366.30	48.30	49.990		
19,400.00	6,840.00	6,666.37	6,664.05	362.65	1.77	-14.63	1,797.84	-11,627.54	2,514.58	2,466.16	48.41	51.939		
19,500.00	6,840.00	6,664.56	6,662.24	365.35	1.77	-14.15	1,797.87	-11,627.58	2,614.55	2,566.03	48.52	53.882		
19,600.00	6,840.00	6,662.76	6,660.45	368.05	1.77	-13.71	1,797.90	-11,627.62	2,714.53	2,665.89	48.63	55.819		
19,700.00	6,840.00	6,660.99	6,658.67	370.74	1.77	-13.30	1,797.93	-11,627.66	2,814.50	2,765.77	48.74	57.750		
19,800.00	6,840.00	6,659.24	6,656.93	373.44	1.77	-12.91	1,797.96	-11,627.70	2,914.48	2,865.64	48.84	59.675		
19,900.00	6,840.00	6,657.51	6,655.20	376.14	1.77	-12.55	1,797.98	-11,627.73	3,014.45	2,965.51	48.94	61.594		
20,000.00	6,840.00	6,655.81	6,653.49	378.84	1.77	-12.21	1,798.01	-11,627.77	3,114.43	3,065.39	49.04	63.507		
20,100.00	6,840.00	6,654.12	6,651.80	381.54	1.77	-11.89	1,798.04	-11,627.80	3,214.41	3,165.27	49.14	65.415		
20,200.00	6,840.00	6,652.45	6,650.14	384.24	1.77	-11.59	1,798.06	-11,627.84	3,314.38	3,265.15	49.24	67.316		
20,300.00	6,840.00	6,650.81	6,648.49	386.94	1.77	-11.31	1,798.09	-11,627.87	3,414.36	3,365.03	49.33	69.211		
20,400.00	6,840.00	6,649.18	6,646.87	389.64	1.77	-11.04	1,798.11	-11,627.91	3,514.34	3,464.91	49.43	71.100		
20,500.00	6,840.00	6,647.57	6,645.26	392.34	1.77	-10.79	1,798.14	-11,627.94	3,614.32	3,564.80	49.52	72.983		
20,600.00	6,840.00	6,645.98	6,643.67	395.04	1.77	-10.55	1,798.16	-11,627.97	3,714.30	3,664.68	49.62	74.860		
20,609.76	6,840.00	6,645.83	6,643.52	395.31	1.77	-10.52	1,798.16	-11,627.97	3,724.05	3,674.43	49.63	75.043		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,100.00	6,840.00	6,759.00	6,759.00	116.66	117.01	-90.00	1,748.01	-14,837.85	9,996.43	9,834.96	161.47	61.907		
10,200.00	6,840.00	6,759.00	6,759.00	119.15	117.01	-90.00	1,748.01	-14,837.85	9,896.44	9,734.91	161.52	61.270		
10,300.00	6,840.00	6,759.00	6,759.00	121.64	117.01	-90.00	1,748.01	-14,837.85	9,796.44	9,634.87	161.57	60.634		
10,400.00	6,840.00	6,759.00	6,759.00	124.14	117.01	-90.00	1,748.01	-14,837.85	9,696.44	9,534.83	161.62	59.997		
10,500.00	6,840.00	6,759.00	6,759.00	126.65	117.01	-90.00	1,748.01	-14,837.85	9,596.44	9,434.78	161.66	59.361		
10,600.00	6,840.00	6,759.00	6,759.00	129.18	117.01	-90.00	1,748.01	-14,837.85	9,496.45	9,334.74	161.71	58.724		
10,700.00	6,840.00	6,759.00	6,759.00	131.70	117.01	-90.00	1,748.01	-14,837.85	9,396.45	9,234.69	161.76	58.087		
10,800.00	6,840.00	6,759.00	6,759.00	134.24	117.01	-90.00	1,748.01	-14,837.85	9,296.46	9,134.64	161.82	57.451		
10,900.00	6,840.00	6,759.00	6,759.00	136.79	117.01	-90.00	1,748.01	-14,837.85	9,196.46	9,034.59	161.87	56.815		
11,000.00	6,840.00	6,759.00	6,759.00	139.34	117.01	-90.00	1,748.01	-14,837.85	9,096.46	8,934.54	161.92	56.178		
11,100.00	6,840.00	6,759.00	6,759.00	141.90	117.01	-90.00	1,748.01	-14,837.85	8,996.47	8,834.49	161.98	55.542		
11,200.00	6,840.00	6,759.00	6,759.00	144.46	117.01	-90.00	1,748.01	-14,837.85	8,896.47	8,734.44	162.03	54.906		
11,300.00	6,840.00	6,759.00	6,759.00	147.03	117.01	-90.00	1,748.01	-14,837.85	8,796.47	8,634.39	162.09	54.270		
11,400.00	6,840.00	6,759.00	6,759.00	149.60	117.01	-90.00	1,748.01	-14,837.85	8,696.48	8,534.33	162.14	53.634		
11,500.00	6,840.00	6,759.00	6,759.00	152.18	117.01	-90.00	1,748.01	-14,837.85	8,596.48	8,434.28	162.20	52.998		
11,600.00	6,840.00	6,759.00	6,759.00	154.77	117.01	-90.00	1,748.01	-14,837.85	8,496.49	8,334.22	162.26	52.362		
11,700.00	6,840.00	6,759.00	6,759.00	157.36	117.01	-90.00	1,748.01	-14,837.85	8,396.49	8,234.17	162.32	51.727		
11,800.00	6,840.00	6,759.00	6,759.00	159.95	117.01	-90.00	1,748.01	-14,837.85	8,296.49	8,134.11	162.39	51.091		
11,900.00	6,840.00	6,759.00	6,759.00	162.55	117.01	-90.00	1,748.01	-14,837.85	8,196.50	8,034.05	162.45	50.456		
12,000.00	6,840.00	6,759.00	6,759.00	165.16	117.01	-90.00	1,748.01	-14,837.85	8,096.50	7,933.99	162.51	49.821		
12,100.00	6,840.00	6,759.00	6,759.00	167.76	117.01	-90.00	1,748.01	-14,837.85	7,996.51	7,833.93	162.58	49.186		
12,200.00	6,840.00	6,759.00	6,759.00	170.37	117.01	-90.00	1,748.01	-14,837.85	7,896.51	7,733.87	162.64	48.551		
12,300.00	6,840.00	6,759.00	6,759.00	172.99	117.01	-90.00	1,748.01	-14,837.85	7,796.52	7,633.81	162.71	47.916		
12,400.00	6,840.00	6,759.00	6,759.00	175.60	117.01	-90.00	1,748.01	-14,837.85	7,696.52	7,533.74	162.78	47.282		
12,500.00	6,840.00	6,759.00	6,759.00	178.23	117.01	-90.00	1,748.01	-14,837.85	7,596.53	7,433.68	162.85	46.647		
12,600.00	6,840.00	6,759.00	6,759.00	180.85	117.01	-90.00	1,748.01	-14,837.85	7,496.53	7,333.61	162.92	46.013		
12,700.00	6,840.00	6,759.00	6,759.00	183.47	117.01	-90.00	1,748.01	-14,837.85	7,396.54	7,233.54	163.00	45.379		
12,800.00	6,840.00	6,759.00	6,759.00	186.10	117.01	-90.00	1,748.01	-14,837.85	7,296.55	7,133.48	163.07	44.745		
12,900.00	6,840.00	6,759.00	6,759.00	188.74	117.01	-90.00	1,748.01	-14,837.85	7,196.55	7,033.41	163.15	44.111		
13,000.00	6,840.00	6,759.00	6,759.00	191.37	117.01	-90.00	1,748.01	-14,837.85	7,096.56	6,933.33	163.22	43.478		
13,100.00	6,840.00	6,759.00	6,759.00	194.01	117.01	-90.00	1,748.01	-14,837.85	6,996.56	6,833.26	163.30	42.844		
13,200.00	6,840.00	6,759.00	6,759.00	196.65	117.01	-90.00	1,748.01	-14,837.85	6,896.57	6,733.19	163.38	42.211		
13,300.00	6,840.00	6,759.00	6,759.00	199.29	117.01	-90.00	1,748.01	-14,837.85	6,796.58	6,633.11	163.46	41.578		
13,400.00	6,840.00	6,759.00	6,759.00	201.93	117.01	-90.00	1,748.01	-14,837.85	6,696.58	6,533.04	163.55	40.946		
13,500.00	6,840.00	6,759.00	6,759.00	204.58	117.01	-90.00	1,748.01	-14,837.85	6,596.59	6,432.96	163.63	40.313		
13,600.00	6,840.00	6,759.00	6,759.00	207.22	117.01	-90.00	1,748.01	-14,837.85	6,496.60	6,332.88	163.72	39.681		
13,700.00	6,840.00	6,759.00	6,759.00	209.87	117.01	-90.00	1,748.01	-14,837.85	6,396.60	6,232.80	163.81	39.049		
13,800.00	6,840.00	6,759.00	6,759.00	212.52	117.01	-90.00	1,748.01	-14,837.85	6,296.61	6,132.71	163.90	38.417		
13,900.00	6,840.00	6,759.00	6,759.00	215.18	117.01	-90.00	1,748.01	-14,837.85	6,196.62	6,032.63	163.99	37.786		
14,000.00	6,840.00	6,759.00	6,759.00	217.83	117.01	-90.00	1,748.01	-14,837.85	6,096.63	5,932.54	164.09	37.155		
14,100.00	6,840.00	6,759.00	6,759.00	220.49	117.01	-90.00	1,748.01	-14,837.85	5,996.64	5,832.45	164.18	36.524		
14,200.00	6,840.00	6,759.00	6,759.00	223.15	117.01	-90.00	1,748.01	-14,837.85	5,896.64	5,732.36	164.28	35.893		
14,300.00	6,840.00	6,759.00	6,759.00	225.81	117.01	-90.00	1,748.01	-14,837.85	5,796.65	5,632.27	164.38	35.263		
14,400.00	6,840.00	6,759.00	6,759.00	228.47	117.01	-90.00	1,748.01	-14,837.85	5,696.66	5,532.17	164.49	34.633		
14,500.00	6,840.00	6,759.00	6,759.00	231.13	117.01	-90.00	1,748.01	-14,837.85	5,596.67	5,432.08	164.59	34.003		
14,600.00	6,840.00	6,759.00	6,759.00	233.79	117.01	-90.00	1,748.01	-14,837.85	5,496.68	5,331.98	164.70	33.373		
14,700.00	6,840.00	6,759.00	6,759.00	236.46	117.01	-90.00	1,748.01	-14,837.85	5,396.69	5,231.88	164.82	32.744		
14,800.00	6,840.00	6,759.00	6,759.00	239.12	117.01	-90.00	1,748.01	-14,837.85	5,296.70	5,131.77	164.93	32.115		
14,900.00	6,840.00	6,759.00	6,759.00	241.79	117.01	-90.00	1,748.01	-14,837.85	5,196.71	5,031.67	165.05	31.486		
15,000.00	6,840.00	6,759.00	6,759.00	244.46	117.01	-90.00	1,748.01	-14,837.85	5,096.73	4,931.56	165.17	30.858		
15,100.00	6,840.00	6,759.00	6,759.00	247.13	117.01	-90.00	1,748.01	-14,837.85	4,996.74	4,831.45	165.29	30.230		
15,200.00	6,840.00	6,759.00	6,759.00	249.80	117.01	-90.00	1,748.01	-14,837.85	4,896.75	4,731.33	165.42	29.602		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,300.00	6,840.00	6,759.00	6,759.00	252.47	117.01	-90.00	1,748.01	-14,837.85	4,796.76	4,631.21	165.55	28.974		
15,400.00	6,840.00	6,759.00	6,759.00	255.15	117.01	-90.00	1,748.01	-14,837.85	4,696.78	4,531.09	165.69	28.347		
15,500.00	6,840.00	6,759.00	6,759.00	257.82	117.01	-90.00	1,748.01	-14,837.85	4,596.79	4,430.96	165.83	27.720		
15,600.00	6,840.00	6,759.00	6,759.00	260.50	117.01	-90.00	1,748.01	-14,837.85	4,496.81	4,330.84	165.97	27.094		
15,700.00	6,840.00	6,759.00	6,759.00	263.17	117.01	-90.00	1,748.01	-14,837.85	4,396.82	4,230.70	166.12	26.468		
15,800.00	6,840.00	6,759.00	6,759.00	265.85	117.01	-90.00	1,748.01	-14,837.85	4,296.84	4,130.56	166.27	25.842		
15,900.00	6,840.00	6,759.00	6,759.00	268.53	117.01	-90.00	1,748.01	-14,837.85	4,196.86	4,030.42	166.43	25.216		
16,000.00	6,840.00	6,759.00	6,759.00	271.20	117.01	-90.00	1,748.01	-14,837.85	4,096.87	3,930.27	166.60	24.591		
16,100.00	6,840.00	6,759.00	6,759.00	273.88	117.01	-90.00	1,748.01	-14,837.85	3,996.89	3,830.12	166.77	23.967		
16,200.00	6,840.00	6,759.00	6,759.00	276.56	117.01	-90.00	1,748.01	-14,837.85	3,896.91	3,729.96	166.95	23.342		
16,300.00	6,840.00	6,759.00	6,759.00	279.25	117.01	-90.00	1,748.01	-14,837.85	3,796.93	3,629.80	167.13	22.718		
16,400.00	6,840.00	6,759.00	6,759.00	281.93	117.01	-90.00	1,748.01	-14,837.85	3,696.95	3,529.63	167.33	22.094		
16,500.00	6,840.00	6,759.00	6,759.00	284.61	117.01	-90.00	1,748.01	-14,837.85	3,596.98	3,429.45	167.53	21.471		
16,600.00	6,840.00	6,759.00	6,759.00	287.29	117.01	-90.00	1,748.01	-14,837.85	3,497.00	3,329.26	167.74	20.848		
16,700.00	6,840.00	6,759.00	6,759.00	289.98	117.01	-90.00	1,748.01	-14,837.85	3,397.03	3,229.07	167.96	20.226		
16,800.00	6,840.00	6,759.00	6,759.00	292.66	117.01	-90.00	1,748.01	-14,837.85	3,297.05	3,128.87	168.19	19.603		
16,900.00	6,840.00	6,759.00	6,759.00	295.35	117.01	-90.00	1,748.01	-14,837.85	3,197.08	3,028.65	168.43	18.981		
17,000.00	6,840.00	6,759.00	6,759.00	298.03	117.01	-90.00	1,748.01	-14,837.85	3,097.11	2,928.43	168.69	18.360		
17,100.00	6,840.00	6,759.00	6,759.00	300.72	117.01	-90.00	1,748.01	-14,837.85	2,997.15	2,828.19	168.96	17.739		
17,200.00	6,840.00	6,759.00	6,759.00	303.41	117.01	-90.00	1,748.01	-14,837.85	2,897.18	2,727.94	169.25	17.118		
17,300.00	6,840.00	6,759.00	6,759.00	306.09	117.01	-90.00	1,748.01	-14,837.85	2,797.22	2,627.67	169.55	16.498		
17,400.00	6,840.00	6,759.00	6,759.00	308.78	117.01	-90.00	1,748.01	-14,837.85	2,697.26	2,527.39	169.88	15.878		
17,500.00	6,840.00	6,759.00	6,759.00	311.47	117.01	-90.00	1,748.01	-14,837.85	2,597.30	2,427.08	170.22	15.258		
17,600.00	6,840.00	6,759.00	6,759.00	314.16	117.01	-90.00	1,748.01	-14,837.85	2,497.35	2,326.76	170.59	14.639		
17,700.00	6,840.00	6,759.00	6,759.00	316.85	117.01	-90.00	1,748.01	-14,837.85	2,397.40	2,226.41	170.99	14.020		
17,800.00	6,840.00	6,759.00	6,759.00	319.54	117.01	-90.00	1,748.01	-14,837.85	2,297.46	2,126.03	171.43	13.402		
17,900.00	6,840.00	6,759.00	6,759.00	322.23	117.01	-90.00	1,748.01	-14,837.85	2,197.52	2,025.62	171.89	12.784		
18,000.00	6,840.00	6,759.00	6,759.00	324.92	117.01	-90.00	1,748.01	-14,837.85	2,097.59	1,925.18	172.41	12.167		
18,100.00	6,840.00	6,759.00	6,759.00	327.62	117.01	-90.00	1,748.01	-14,837.85	1,997.66	1,824.69	172.97	11.549		
18,200.00	6,840.00	6,759.00	6,759.00	330.31	117.01	-90.00	1,748.01	-14,837.85	1,897.74	1,724.15	173.58	10.933		
18,300.00	6,840.00	6,759.00	6,759.00	333.00	117.01	-90.00	1,748.01	-14,837.85	1,797.83	1,623.56	174.27	10.316		
18,400.00	6,840.00	6,759.00	6,759.00	335.70	117.01	-90.00	1,748.01	-14,837.85	1,697.93	1,522.89	175.04	9.700		
18,500.00	6,840.00	6,759.00	6,759.00	338.39	117.01	-90.00	1,748.01	-14,837.85	1,598.04	1,422.14	175.90	9.085		
18,600.00	6,840.00	6,759.00	6,759.00	341.08	117.01	-90.00	1,748.01	-14,837.85	1,498.17	1,321.29	176.88	8.470		
18,700.00	6,840.00	6,759.00	6,759.00	343.78	117.01	-90.00	1,748.01	-14,837.85	1,398.32	1,220.32	178.00	7.856		
18,800.00	6,840.00	6,759.00	6,759.00	346.47	117.01	-90.00	1,748.01	-14,837.85	1,298.48	1,119.18	179.30	7.242		
18,900.00	6,840.00	6,759.00	6,759.00	349.17	117.01	-90.00	1,748.01	-14,837.85	1,198.68	1,017.85	180.83	6.629		
19,000.00	6,840.00	6,759.00	6,759.00	351.86	117.01	-90.00	1,748.01	-14,837.85	1,098.91	916.27	182.65	6.017		
19,100.00	6,840.00	6,759.00	6,759.00	354.56	117.01	-90.00	1,748.01	-14,837.85	999.19	814.34	184.85	5.405		
19,200.00	6,840.00	6,759.00	6,759.00	357.26	117.01	-90.00	1,748.01	-14,837.85	899.53	711.96	187.57	4.796		
19,300.00	6,840.00	6,759.00	6,759.00	359.95	117.01	-90.00	1,748.01	-14,837.85	799.96	608.94	191.02	4.188		
19,400.00	6,840.00	6,759.00	6,759.00	362.65	117.01	-90.00	1,748.01	-14,837.85	700.51	504.99	195.51	3.583		
19,500.00	6,840.00	6,759.00	6,759.00	365.35	117.01	-90.00	1,748.01	-14,837.85	601.24	399.65	201.59	2.983		
19,600.00	6,840.00	6,759.00	6,759.00	368.05	117.01	-90.00	1,748.01	-14,837.85	502.25	292.05	210.20	2.389		
19,700.00	6,840.00	6,759.00	6,759.00	370.74	117.01	-90.00	1,748.01	-14,837.85	403.78	180.54	223.23	1.809		
19,800.00	6,840.00	6,759.00	6,759.00	373.44	117.01	-90.00	1,748.01	-14,837.85	306.28	61.46	244.82	1.251 Level 3		
19,900.00	6,840.00	6,759.00	6,759.00	376.14	117.01	-90.00	1,748.01	-14,837.85	211.15	-74.63	285.78	0.739 Level 1		
20,000.00	6,840.00	6,759.00	6,759.00	378.84	117.01	-90.00	1,748.01	-14,837.85	123.93	-254.81	378.74	0.327 Level 1		
20,096.13	6,840.00	6,759.00	6,759.00	381.44	117.01	-90.00	1,748.01	-14,837.85	78.22	-419.21	497.43	0.157 Level 1, CC, ES, SF		
20,100.00	6,840.00	6,759.00	6,759.00	381.54	117.01	-90.00	1,748.01	-14,837.85	78.32	-417.40	495.72	0.158 Level 1		
20,200.00	6,840.00	6,759.00	6,759.00	384.24	117.01	-90.00	1,748.01	-14,837.85	130.03	-198.01	328.04	0.396 Level 1		
20,300.00	6,840.00	6,759.00	6,759.00	386.94	117.01	-90.00	1,748.01	-14,837.85	218.37	-17.40	235.77	0.926 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,400.00	6,840.00	6,759.00	6,759.00	389.64	117.01	-90.00	1,748.01	-14,837.85	313.78	116.23	197.55	1.588	
20,500.00	6,840.00	6,759.00	6,759.00	392.34	117.01	-90.00	1,748.01	-14,837.85	411.38	232.31	179.07	2.297	
20,600.00	6,840.00	6,759.00	6,759.00	395.04	117.01	-90.00	1,748.01	-14,837.85	509.91	340.56	169.35	3.011	
20,609.76	6,840.00	6,759.00	6,759.00	395.31	117.01	-90.00	1,748.01	-14,837.85	519.55	350.87	168.69	3.080	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
7,400.00	6,754.56	6,825.38	6,824.78	58.05	2.16	-15.12	2,275.62	-12,107.07	9,964.28	9,921.27	43.01	231.669		
7,500.00	6,798.57	6,867.49	6,866.86	59.78	2.19	-11.61	2,274.50	-12,106.35	9,874.29	9,830.90	43.39	227.561		
7,600.00	6,827.18	6,894.21	6,893.57	61.58	2.20	-5.01	2,273.78	-12,105.90	9,778.18	9,734.57	43.61	224.232		
7,700.00	6,839.51	6,904.74	6,904.09	63.39	2.21	58.14	2,273.50	-12,105.72	9,678.86	9,635.21	43.65	221.740		
7,800.00	6,840.00	6,903.50	6,902.86	65.19	2.21	111.06	2,273.53	-12,105.74	9,578.99	9,535.42	43.57	219.853		
7,900.00	6,840.00	6,901.78	6,901.14	67.04	2.21	110.87	2,273.58	-12,105.77	9,479.12	9,435.63	43.48	217.989		
8,000.00	6,840.00	6,900.06	6,899.42	68.95	2.21	110.68	2,273.62	-12,105.80	9,379.25	9,335.86	43.40	216.124		
8,100.00	6,840.00	6,898.34	6,897.70	70.91	2.21	110.49	2,273.67	-12,105.83	9,279.39	9,236.08	43.31	214.256		
8,200.00	6,840.00	6,896.62	6,895.98	72.91	2.21	110.30	2,273.72	-12,105.85	9,179.53	9,136.31	43.22	212.387		
8,300.00	6,840.00	6,894.90	6,894.26	74.96	2.20	110.11	2,273.76	-12,105.88	9,079.68	9,036.55	43.13	210.516		
8,400.00	6,840.00	6,893.18	6,892.55	77.05	2.20	109.92	2,273.81	-12,105.91	8,979.83	8,936.79	43.04	208.642		
8,500.00	6,840.00	6,891.46	6,890.83	79.18	2.20	109.73	2,273.85	-12,105.94	8,879.97	8,837.03	42.95	206.767		
8,600.00	6,840.00	6,889.74	6,889.11	81.34	2.20	109.54	2,273.90	-12,105.97	8,780.13	8,737.27	42.85	204.891		
8,700.00	6,840.00	6,888.02	6,887.39	83.54	2.20	109.35	2,273.95	-12,106.00	8,680.28	8,637.53	42.76	203.012		
8,800.00	6,840.00	6,886.30	6,885.67	85.76	2.20	109.15	2,273.99	-12,106.03	8,580.44	8,537.78	42.66	201.131		
8,900.00	6,840.00	6,884.58	6,883.95	88.02	2.20	108.96	2,274.04	-12,106.06	8,480.61	8,438.04	42.56	199.249		
9,000.00	6,840.00	6,882.86	6,882.23	90.30	2.20	108.77	2,274.08	-12,106.09	8,380.77	8,338.31	42.46	197.365		
9,100.00	6,840.00	6,881.14	6,880.51	92.60	2.20	108.57	2,274.13	-12,106.12	8,280.94	8,238.58	42.36	195.479		
9,200.00	6,840.00	6,879.42	6,878.80	94.93	2.19	108.38	2,274.18	-12,106.15	8,181.12	8,138.86	42.26	193.591		
9,300.00	6,840.00	6,877.71	6,877.08	97.28	2.19	108.18	2,274.22	-12,106.18	8,081.29	8,039.14	42.16	191.701		
9,400.00	6,840.00	6,875.99	6,875.36	99.65	2.19	107.99	2,274.27	-12,106.21	7,981.47	7,939.42	42.05	189.809		
9,500.00	6,840.00	6,874.27	6,873.64	102.03	2.19	107.79	2,274.31	-12,106.24	7,881.66	7,839.72	41.94	187.915		
9,600.00	6,840.00	6,872.55	6,871.92	104.43	2.19	107.60	2,274.36	-12,106.27	7,781.85	7,740.02	41.83	186.019		
9,700.00	6,840.00	6,870.83	6,870.20	106.85	2.19	107.40	2,274.41	-12,106.30	7,682.05	7,640.32	41.72	184.121		
9,800.00	6,840.00	6,869.11	6,868.48	109.29	2.19	107.20	2,274.45	-12,106.32	7,582.25	7,540.63	41.61	182.220		
9,900.00	6,840.00	6,867.39	6,866.76	111.73	2.19	107.01	2,274.50	-12,106.35	7,482.45	7,440.95	41.50	180.317		
10,000.00	6,840.00	6,865.67	6,865.04	114.19	2.19	106.81	2,274.54	-12,106.38	7,382.66	7,341.28	41.38	178.412		
10,100.00	6,840.00	6,863.95	6,863.33	116.66	2.18	106.61	2,274.59	-12,106.41	7,282.87	7,241.61	41.26	176.504		
10,200.00	6,840.00	6,862.23	6,861.61	119.15	2.18	106.41	2,274.64	-12,106.44	7,183.10	7,141.95	41.14	174.594		
10,300.00	6,840.00	6,860.51	6,859.89	121.64	2.18	106.21	2,274.68	-12,106.47	7,083.32	7,042.30	41.02	172.680		
10,400.00	6,840.00	6,858.79	6,858.17	124.14	2.18	106.02	2,274.73	-12,106.50	6,983.55	6,942.66	40.90	170.764		
10,500.00	6,840.00	6,857.07	6,856.45	126.65	2.18	105.82	2,274.78	-12,106.53	6,883.79	6,843.02	40.77	168.844		
10,600.00	6,840.00	6,855.35	6,854.73	129.18	2.18	105.62	2,274.82	-12,106.56	6,784.04	6,743.40	40.64	166.921		
10,700.00	6,840.00	6,853.63	6,853.01	131.70	2.18	105.42	2,274.87	-12,106.59	6,684.29	6,643.78	40.51	164.994		
10,800.00	6,840.00	6,851.91	6,851.29	134.24	2.18	105.22	2,274.91	-12,106.62	6,584.55	6,544.17	40.38	163.063		
10,900.00	6,840.00	6,850.19	6,849.58	136.79	2.18	105.02	2,274.96	-12,106.65	6,484.82	6,444.57	40.25	161.128		
11,000.00	6,840.00	6,848.47	6,847.86	139.34	2.17	104.82	2,275.01	-12,106.68	6,385.09	6,344.98	40.11	159.187		
11,100.00	6,840.00	6,846.75	6,846.14	141.90	2.17	104.61	2,275.05	-12,106.71	6,285.37	6,245.40	39.97	157.242		
11,200.00	6,840.00	6,845.03	6,844.42	144.46	2.17	104.41	2,275.10	-12,106.74	6,185.67	6,145.83	39.83	155.291		
11,300.00	6,840.00	6,843.31	6,842.70	147.03	2.17	104.21	2,275.14	-12,106.76	6,085.97	6,046.28	39.69	153.334		
11,400.00	6,840.00	6,841.59	6,840.98	149.60	2.17	104.01	2,275.19	-12,106.79	5,986.28	5,946.73	39.55	151.369		
11,500.00	6,840.00	6,839.87	6,839.26	152.18	2.17	103.81	2,275.24	-12,106.82	5,886.60	5,847.20	39.40	149.398		
11,600.00	6,840.00	6,838.15	6,837.54	154.77	2.17	103.60	2,275.28	-12,106.85	5,786.93	5,747.67	39.26	147.418		
11,700.00	6,840.00	6,836.43	6,835.83	157.36	2.17	103.40	2,275.33	-12,106.88	5,687.27	5,648.16	39.11	145.429		
11,800.00	6,840.00	6,834.71	6,834.11	159.95	2.17	103.20	2,275.37	-12,106.91	5,587.62	5,548.67	38.96	143.430		
11,900.00	6,840.00	6,832.99	6,832.39	162.55	2.16	102.99	2,275.42	-12,106.94	5,487.99	5,449.18	38.81	141.420		
12,000.00	6,840.00	6,831.28	6,830.67	165.16	2.16	102.79	2,275.47	-12,106.97	5,388.37	5,349.72	38.65	139.398		
12,100.00	6,840.00	6,829.56	6,828.95	167.76	2.16	102.58	2,275.51	-12,107.00	5,288.76	5,250.26	38.50	137.362		
12,200.00	6,840.00	6,827.84	6,827.23	170.37	2.16	102.38	2,275.56	-12,107.03	5,189.17	5,150.82	38.35	135.311		
12,300.00	6,840.00	6,826.12	6,825.51	172.99	2.16	102.17	2,275.60	-12,107.06	5,089.59	5,051.40	38.20	133.243		
12,400.00	6,840.00	6,824.40	6,823.79	175.60	2.16	101.97	2,275.65	-12,107.09	4,990.03	4,951.99	38.05	131.157		
12,500.00	6,840.00	6,822.68	6,822.08	178.23	2.16	101.76	2,275.70	-12,107.12	4,890.49	4,852.59	37.90	129.050		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
12,600.00	6,840.00	6,820.96	6,820.36	180.85	2.16	101.56	2,275.74	-12,107.15	4,790.96	4,753.22	37.75	126.921		
12,700.00	6,840.00	6,819.24	6,818.64	183.47	2.15	101.35	2,275.79	-12,107.18	4,691.46	4,653.86	37.60	124.765		
12,800.00	6,840.00	6,817.52	6,816.92	186.10	2.15	101.14	2,275.83	-12,107.21	4,591.97	4,554.51	37.46	122.581		
12,900.00	6,840.00	6,819.04	6,818.44	188.74	2.15	101.33	2,275.78	-12,107.17	4,492.51	4,455.20	37.30	120.436		
13,000.00	6,840.00	6,816.91	6,816.31	191.37	2.15	101.07	2,275.84	-12,107.21	4,393.07	4,355.89	37.17	118.178		
13,100.00	6,840.00	6,814.79	6,814.19	194.01	2.15	100.82	2,275.90	-12,107.25	4,293.66	4,256.60	37.05	115.880		
13,200.00	6,840.00	6,812.69	6,812.09	196.65	2.15	100.56	2,275.96	-12,107.29	4,194.27	4,157.33	36.94	113.539		
13,300.00	6,840.00	6,810.60	6,810.01	199.29	2.15	100.31	2,276.01	-12,107.32	4,094.91	4,058.07	36.84	111.149		
13,400.00	6,840.00	6,808.53	6,807.93	201.93	2.15	100.06	2,276.07	-12,107.36	3,995.59	3,958.83	36.76	108.705		
13,500.00	6,840.00	6,806.47	6,805.88	204.58	2.14	99.81	2,276.13	-12,107.39	3,896.30	3,859.61	36.69	106.202		
13,600.00	6,840.00	6,804.42	6,803.83	207.22	2.14	99.56	2,276.18	-12,107.43	3,797.04	3,760.40	36.64	103.634		
13,700.00	6,840.00	6,802.39	6,801.80	209.87	2.14	99.32	2,276.24	-12,107.46	3,697.83	3,661.21	36.61	100.993		
13,800.00	6,840.00	6,800.38	6,799.79	212.52	2.14	99.07	2,276.29	-12,107.50	3,598.65	3,562.03	36.62	98.274		
13,900.00	6,840.00	6,798.37	6,797.78	215.18	2.14	98.83	2,276.35	-12,107.53	3,499.52	3,462.87	36.66	95.469		
14,000.00	6,840.00	6,796.38	6,795.79	217.83	2.14	98.59	2,276.40	-12,107.57	3,400.45	3,363.71	36.73	92.571		
14,100.00	6,840.00	6,794.41	6,793.82	220.49	2.14	98.35	2,276.45	-12,107.60	3,301.42	3,264.57	36.86	89.573		
14,200.00	6,840.00	6,792.44	6,791.86	223.15	2.14	98.11	2,276.50	-12,107.63	3,202.46	3,165.43	37.04	86.470		
14,300.00	6,840.00	6,790.49	6,789.91	225.81	2.14	97.87	2,276.55	-12,107.67	3,103.56	3,066.29	37.28	83.256		
14,400.00	6,840.00	6,788.56	6,787.97	228.47	2.14	97.63	2,276.60	-12,107.70	3,004.74	2,967.14	37.59	79.927		
14,500.00	6,840.00	6,786.63	6,786.05	231.13	2.14	97.40	2,276.65	-12,107.73	2,905.99	2,867.99	38.00	76.480		
14,600.00	6,840.00	6,784.72	6,784.14	233.79	2.14	97.17	2,276.70	-12,107.76	2,807.33	2,768.83	38.50	72.917		
14,700.00	6,840.00	6,782.82	6,782.24	236.46	2.14	96.93	2,276.75	-12,107.79	2,708.77	2,669.65	39.12	69.242		
14,800.00	6,840.00	6,780.94	6,780.35	239.12	2.14	96.70	2,276.80	-12,107.83	2,610.31	2,570.44	39.88	65.462		
14,900.00	6,840.00	6,779.06	6,778.48	241.79	2.14	96.47	2,276.84	-12,107.86	2,511.98	2,471.20	40.79	61.590		
15,000.00	6,840.00	6,777.20	6,776.62	244.46	2.13	96.24	2,276.89	-12,107.89	2,413.78	2,371.91	41.88	57.642		
15,100.00	6,840.00	6,775.35	6,774.77	247.13	2.13	96.02	2,276.94	-12,107.92	2,315.74	2,272.57	43.17	53.640		
15,200.00	6,840.00	6,773.51	6,772.94	249.80	2.13	95.79	2,276.98	-12,107.95	2,217.87	2,173.16	44.70	49.611		
15,300.00	6,840.00	6,771.69	6,771.11	252.47	2.13	95.57	2,277.03	-12,107.98	2,120.20	2,073.69	46.51	45.586		
15,400.00	6,840.00	6,769.87	6,769.30	255.15	2.13	95.34	2,277.07	-12,108.01	2,022.75	1,974.12	48.63	41.597		
15,500.00	6,840.00	6,768.07	6,767.50	257.82	2.13	95.12	2,277.11	-12,108.04	1,925.56	1,874.46	51.10	37.679		
15,600.00	6,840.00	6,766.28	6,765.71	260.50	2.13	94.90	2,277.16	-12,108.06	1,828.67	1,774.68	53.99	33.868		
15,700.00	6,840.00	6,764.50	6,763.93	263.17	2.13	94.68	2,277.20	-12,108.09	1,732.14	1,674.78	57.36	30.196		
15,800.00	6,840.00	6,762.73	6,762.16	265.85	2.13	94.47	2,277.24	-12,108.12	1,636.02	1,574.74	61.29	26.695		
15,900.00	6,840.00	6,760.98	6,760.40	268.53	2.13	94.25	2,277.28	-12,108.15	1,540.39	1,474.54	65.85	23.391		
16,000.00	6,840.00	6,759.23	6,758.66	271.20	2.13	94.03	2,277.32	-12,108.18	1,445.36	1,374.17	71.18	20.305		
16,100.00	6,840.00	6,757.50	6,756.93	273.88	2.13	93.82	2,277.36	-12,108.20	1,351.04	1,273.63	77.41	17.454		
16,200.00	6,840.00	6,755.77	6,755.20	276.56	2.13	93.61	2,277.40	-12,108.23	1,257.59	1,172.89	84.70	14.848		
16,300.00	6,840.00	6,754.06	6,753.49	279.25	2.13	93.40	2,277.44	-12,108.26	1,165.23	1,071.96	93.27	12.493		
16,400.00	6,840.00	6,752.36	6,751.79	281.93	2.13	93.19	2,277.48	-12,108.29	1,074.23	970.85	103.39	10.391		
16,500.00	6,840.00	6,750.67	6,750.10	284.61	2.13	92.98	2,277.52	-12,108.31	984.99	869.61	115.37	8.537		
16,600.00	6,840.00	6,748.99	6,748.42	287.29	2.13	92.77	2,277.56	-12,108.34	898.00	768.37	129.64	6.927		
16,700.00	6,840.00	6,747.32	6,746.75	289.98	2.12	92.56	2,277.59	-12,108.36	814.01	667.38	146.64	5.551		
16,800.00	6,840.00	6,745.66	6,745.09	292.66	2.12	92.36	2,277.63	-12,108.39	734.04	567.18	166.86	4.399		
16,900.00	6,840.00	6,744.01	6,743.44	295.35	2.12	92.16	2,277.67	-12,108.42	659.55	468.89	190.66	3.459		
17,000.00	6,840.00	6,742.37	6,741.80	298.03	2.12	91.95	2,277.70	-12,108.44	592.62	374.65	217.97	2.719		
17,100.00	6,840.00	6,740.74	6,740.17	300.72	2.12	91.75	2,277.74	-12,108.47	536.09	288.48	247.60	2.165		
17,200.00	6,840.00	6,739.12	6,738.55	303.41	2.12	91.55	2,277.77	-12,108.49	493.53	217.08	276.45	1.785		
17,300.00	6,840.00	6,737.51	6,736.94	306.09	2.12	91.35	2,277.81	-12,108.52	468.77	169.54	299.23	1.567		
17,369.15	6,840.00	6,736.40	6,735.84	307.95	2.12	91.22	2,277.83	-12,108.53	463.64	155.21	308.43	1.503 CC		
17,400.00	6,840.00	6,735.91	6,735.35	308.78	2.12	91.15	2,277.84	-12,108.54	464.67	154.25	310.41	1.497 Level 3, ES, SF		
17,500.00	6,840.00	6,734.32	6,733.76	311.47	2.12	90.96	2,277.88	-12,108.56	481.75	173.83	307.92	1.565		
17,600.00	6,840.00	6,732.74	6,732.18	314.16	2.12	90.76	2,277.91	-12,108.59	517.92	223.34	294.58	1.758		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
17,700.00	6,840.00	6,731.17	6,730.60	316.85	2.12	90.57	2,277.94	-12,108.61	569.56	294.05	275.51	2.067		
17,800.00	6,840.00	6,729.60	6,729.04	319.54	2.12	90.38	2,277.97	-12,108.64	632.89	377.90	254.99	2.482		
17,900.00	6,840.00	6,728.05	6,727.49	322.23	2.12	90.18	2,278.01	-12,108.66	704.77	469.32	235.45	2.993		
18,000.00	6,840.00	6,726.51	6,725.95	324.92	2.12	89.99	2,278.04	-12,108.68	782.84	564.95	217.89	3.593		
18,100.00	6,840.00	6,724.97	6,724.41	327.62	2.12	89.80	2,278.07	-12,108.71	865.44	662.89	202.55	4.273		
18,200.00	6,840.00	6,723.45	6,722.89	330.31	2.12	89.62	2,278.10	-12,108.73	951.37	762.09	189.28	5.026		
18,300.00	6,840.00	6,721.93	6,721.37	333.00	2.12	89.43	2,278.13	-12,108.75	1,039.83	861.98	177.84	5.847		
18,400.00	6,840.00	6,720.43	6,719.87	335.70	2.12	89.24	2,278.16	-12,108.77	1,130.21	962.24	167.96	6.729		
18,500.00	6,840.00	6,718.93	6,718.37	338.39	2.12	89.06	2,278.19	-12,108.79	1,222.08	1,062.69	159.39	7.667		
18,600.00	6,840.00	6,717.44	6,716.88	341.08	2.11	88.87	2,278.22	-12,108.82	1,315.14	1,163.22	151.92	8.657		
18,700.00	6,840.00	6,715.96	6,715.40	343.78	2.11	88.69	2,278.25	-12,108.84	1,409.15	1,263.77	145.38	9.693		
18,800.00	6,840.00	6,714.49	6,713.93	346.47	2.11	88.51	2,278.28	-12,108.86	1,503.93	1,364.32	139.61	10.772		
18,900.00	6,840.00	6,713.02	6,712.47	349.17	2.11	88.33	2,278.31	-12,108.88	1,599.35	1,464.85	134.50	11.891		
19,000.00	6,840.00	6,711.57	6,711.01	351.86	2.11	88.15	2,278.33	-12,108.90	1,695.29	1,565.35	129.94	13.046		
19,100.00	6,840.00	6,710.12	6,709.56	354.56	2.11	87.97	2,278.36	-12,108.92	1,791.68	1,665.81	125.87	14.235		
19,200.00	6,840.00	6,708.68	6,708.13	357.26	2.11	87.79	2,278.39	-12,108.94	1,888.44	1,766.23	122.20	15.453		
19,300.00	6,840.00	6,707.25	6,706.70	359.95	2.11	87.62	2,278.42	-12,108.97	1,985.52	1,866.62	118.90	16.700		
19,400.00	6,840.00	6,705.83	6,705.28	362.65	2.11	87.44	2,278.44	-12,108.99	2,082.87	1,966.98	115.90	17.972		
19,500.00	6,840.00	6,704.42	6,703.86	365.35	2.11	87.27	2,278.47	-12,109.01	2,180.47	2,067.30	113.17	19.268		
19,600.00	6,840.00	6,703.01	6,702.46	368.05	2.11	87.10	2,278.49	-12,109.03	2,278.27	2,167.59	110.68	20.585		
19,700.00	6,840.00	6,701.61	6,701.06	370.74	2.11	86.92	2,278.52	-12,109.05	2,376.25	2,267.86	108.39	21.922		
19,800.00	6,840.00	6,700.22	6,699.67	373.44	2.11	86.75	2,278.54	-12,109.07	2,474.40	2,368.10	106.30	23.278		
19,900.00	6,840.00	6,700.00	6,699.45	376.14	2.11	86.73	2,278.55	-12,109.07	2,572.69	2,468.32	104.37	24.650		
20,000.00	6,840.00	6,697.90	6,697.34	378.84	2.11	86.47	2,278.59	-12,109.10	2,671.10	2,568.51	102.58	26.038		
20,100.00	6,840.00	6,696.78	6,696.23	381.54	2.11	86.33	2,278.61	-12,109.11	2,769.62	2,668.69	100.93	27.440		
20,200.00	6,840.00	6,695.68	6,695.13	384.24	2.11	86.20	2,278.63	-12,109.13	2,868.25	2,768.85	99.40	28.855		
20,300.00	6,840.00	6,694.60	6,694.05	386.94	2.11	86.06	2,278.65	-12,109.14	2,966.97	2,868.99	97.98	30.282		
20,400.00	6,840.00	6,693.53	6,692.98	389.64	2.11	85.93	2,278.67	-12,109.16	3,065.77	2,969.12	96.65	31.720		
20,500.00	6,840.00	6,692.48	6,691.93	392.34	2.11	85.80	2,278.68	-12,109.17	3,164.65	3,069.24	95.41	33.168		
20,600.00	6,840.00	6,691.45	6,690.90	395.04	2.11	85.68	2,278.70	-12,109.19	3,263.59	3,169.34	94.26	34.625		
20,609.76	6,840.00	6,691.35	6,690.80	395.31	2.11	85.67	2,278.70	-12,109.19	3,273.25	3,179.10	94.15	34.767		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	3,286.67	3,159.67	3,159.67	22.76	54.19	-41.44	1,050.44	-10,772.50	9,982.21	9,910.53	71.68	139.264		
3,600.00	3,377.26	3,250.26	3,250.26	23.62	55.77	-41.59	1,050.44	-10,772.50	9,949.17	9,875.27	73.90	134.621		
3,700.00	3,467.85	3,340.85	3,340.85	24.47	57.35	-41.75	1,050.44	-10,772.50	9,916.21	9,840.07	76.13	130.246		
3,800.00	3,558.45	3,431.45	3,431.45	25.33	58.93	-41.90	1,050.44	-10,772.50	9,883.31	9,804.95	78.37	126.115		
3,900.00	3,649.04	3,522.04	3,522.04	26.19	60.51	-42.06	1,050.44	-10,772.50	9,850.49	9,769.89	80.60	122.209		
4,000.00	3,739.63	3,612.63	3,612.63	27.05	62.09	-42.22	1,050.44	-10,772.50	9,817.75	9,734.90	82.84	118.511		
4,100.00	3,830.22	3,703.22	3,703.22	27.90	63.67	-42.38	1,050.44	-10,772.50	9,785.07	9,699.99	85.08	115.004		
4,200.00	3,920.81	3,806.19	3,793.81	28.76	65.47	-42.54	1,050.44	-10,772.50	9,752.47	9,664.92	87.55	111.398		
4,300.00	4,011.41	3,884.41	3,884.41	29.62	66.84	-42.70	1,050.44	-10,772.50	9,719.95	9,630.37	89.58	108.507		
4,400.00	4,102.00	3,975.00	3,975.00	30.48	68.42	-42.86	1,050.44	-10,772.50	9,687.50	9,595.67	91.83	105.493		
4,500.00	4,192.59	4,065.59	4,065.59	31.34	70.00	-43.03	1,050.44	-10,772.50	9,655.12	9,561.04	94.08	102.621		
4,600.00	4,283.18	4,156.18	4,156.18	32.20	71.58	-43.19	1,050.44	-10,772.50	9,622.83	9,526.49	96.34	99.881		
4,700.00	4,373.78	4,246.78	4,246.78	33.06	73.16	-43.36	1,050.44	-10,772.50	9,590.61	9,492.01	98.60	97.265		
4,800.00	4,464.37	4,337.37	4,337.37	33.92	74.74	-43.52	1,050.44	-10,772.50	9,558.47	9,457.61	100.87	94.763		
4,900.00	4,554.96	4,427.96	4,427.96	34.78	76.32	-43.69	1,050.44	-10,772.50	9,526.42	9,423.28	103.13	92.369		
5,000.00	4,645.55	4,518.55	4,518.55	35.64	77.90	-43.86	1,050.44	-10,772.50	9,494.44	9,389.04	105.40	90.077		
5,100.00	4,736.14	4,609.14	4,609.14	36.51	79.48	-44.03	1,050.44	-10,772.50	9,462.54	9,354.87	107.68	87.879		
5,200.00	4,826.74	4,700.26	4,699.74	37.37	81.08	-44.20	1,050.44	-10,772.50	9,430.73	9,320.77	109.96	85.764		
5,300.00	4,917.33	4,809.67	4,790.33	38.23	82.98	-44.37	1,050.44	-10,772.50	9,399.00	9,286.43	112.57	83.495		
5,400.00	5,007.92	4,880.92	4,880.92	39.09	84.23	-44.55	1,050.44	-10,772.50	9,367.35	9,252.84	114.51	81.801		
5,500.00	5,098.51	4,971.51	4,971.51	39.95	85.81	-44.72	1,050.44	-10,772.50	9,335.79	9,218.99	116.80	79.930		
5,600.00	5,189.11	5,062.11	5,062.11	40.81	87.39	-44.90	1,050.44	-10,772.50	9,304.31	9,185.23	119.09	78.130		
5,700.00	5,279.70	5,152.70	5,152.70	41.68	88.97	-45.07	1,050.44	-10,772.50	9,272.92	9,151.54	121.38	76.396		
5,800.00	5,370.29	5,243.29	5,243.29	42.54	90.55	-45.25	1,050.44	-10,772.50	9,241.62	9,117.95	123.67	74.726		
5,900.00	5,460.88	5,333.88	5,333.88	43.40	92.13	-45.43	1,050.44	-10,772.50	9,210.41	9,084.44	125.97	73.115		
6,000.00	5,551.47	5,424.47	5,424.47	44.26	93.72	-45.61	1,050.44	-10,772.50	9,179.28	9,051.01	128.27	71.561		
6,100.00	5,642.07	5,515.07	5,515.07	45.13	95.30	-45.79	1,050.44	-10,772.50	9,148.25	9,017.67	130.58	70.060		
6,200.00	5,732.66	5,605.66	5,605.66	45.99	96.88	-45.97	1,050.44	-10,772.50	9,117.30	8,984.42	132.88	68.611		
6,300.00	5,823.25	5,703.75	5,696.25	46.85	98.59	-46.15	1,050.44	-10,772.50	9,086.45	8,951.13	135.33	67.145		
6,400.00	5,913.84	5,786.84	5,786.84	47.72	100.04	-46.34	1,050.44	-10,772.50	9,055.69	8,918.18	137.51	65.855		
6,500.00	6,004.44	5,877.44	5,877.44	48.58	101.62	-46.52	1,050.44	-10,772.50	9,025.03	8,885.20	139.83	64.545		
6,600.00	6,095.03	5,968.03	5,968.03	49.44	103.20	-46.71	1,050.44	-10,772.50	8,994.46	8,852.31	142.15	63.276		
6,700.00	6,185.62	6,058.62	6,058.62	50.30	104.78	-46.89	1,050.44	-10,772.50	8,963.98	8,819.51	144.47	62.048		
6,800.00	6,276.21	6,149.21	6,149.21	51.17	106.36	-47.08	1,050.44	-10,772.50	8,933.61	8,786.81	146.80	60.857		
6,900.00	6,366.80	6,239.80	6,239.80	52.03	107.95	-47.27	1,050.44	-10,772.50	8,903.33	8,754.20	149.13	59.703		
7,000.00	6,457.40	6,330.40	6,330.40	52.89	109.53	-47.46	1,050.44	-10,772.50	8,873.14	8,721.68	151.46	58.584		
7,100.00	6,548.00	6,418.60	6,418.60	53.85	111.07	-37.87	1,050.44	-10,772.50	8,836.76	8,682.99	153.77	57.467		
7,200.00	6,626.13	6,500.87	6,499.13	55.05	112.50	-31.82	1,050.44	-10,772.50	8,785.02	8,629.02	156.00	56.314		
7,300.00	6,696.49	6,569.49	6,569.49	56.46	113.70	-28.83	1,050.44	-10,772.50	8,719.38	8,561.42	157.96	55.198		
7,400.00	6,754.56	6,627.56	6,627.56	58.05	114.71	-28.08	1,050.44	-10,772.50	8,641.80	8,482.12	159.68	54.119		
7,500.00	6,798.57	6,671.57	6,671.57	59.78	115.48	-29.86	1,050.44	-10,772.50	8,554.62	8,393.57	161.05	53.117		
7,600.00	6,827.18	6,700.18	6,700.18	61.58	115.98	-36.87	1,050.44	-10,772.50	8,460.46	8,298.44	162.03	52.216		
7,700.00	6,839.51	6,712.51	6,712.51	63.39	116.20	-68.68	1,050.44	-10,772.50	8,362.16	8,199.59	162.57	51.437		
7,800.00	6,840.00	6,713.00	6,713.00	65.19	116.20	-90.00	1,050.44	-10,772.50	8,262.60	8,099.80	162.80	50.753		
7,900.00	6,840.00	6,713.00	6,713.00	67.04	116.20	-90.00	1,050.44	-10,772.50	8,163.03	8,000.01	163.02	50.074		
8,000.00	6,840.00	6,713.00	6,713.00	68.95	116.20	-90.00	1,050.44	-10,772.50	8,063.46	7,900.22	163.25	49.395		
8,100.00	6,840.00	6,713.00	6,713.00	70.91	116.20	-90.00	1,050.44	-10,772.50	7,963.91	7,800.43	163.48	48.715		
8,200.00	6,840.00	6,713.00	6,713.00	72.91	116.20	-90.00	1,050.44	-10,772.50	7,864.37	7,700.65	163.72	48.036		
8,300.00	6,840.00	6,713.00	6,713.00	74.96	116.20	-90.00	1,050.44	-10,772.50	7,764.84	7,600.88	163.97	47.357		
8,400.00	6,840.00	6,713.00	6,713.00	77.05	116.20	-90.00	1,050.44	-10,772.50	7,665.33	7,501.11	164.22	46.677		
8,500.00	6,840.00	6,713.00	6,713.00	79.18	116.20	-90.00	1,050.44	-10,772.50	7,565.82	7,401.34	164.48	45.998		
8,600.00	6,840.00	6,713.00	6,713.00	81.34	116.20	-90.00	1,050.44	-10,772.50	7,466.33	7,301.58	164.75	45.318		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,700.00	6,840.00	6,713.00	6,713.00	83.54	116.20	-90.00	1,050.44	-10,772.50	7,366.86	7,201.83	165.03	44.639		
8,800.00	6,840.00	6,713.00	6,713.00	85.76	116.20	-90.00	1,050.44	-10,772.50	7,267.40	7,102.08	165.32	43.959		
8,900.00	6,840.00	6,713.00	6,713.00	88.02	116.20	-90.00	1,050.44	-10,772.50	7,167.95	7,002.33	165.62	43.280		
9,000.00	6,840.00	6,713.00	6,713.00	90.30	116.20	-90.00	1,050.44	-10,772.50	7,068.52	6,902.59	165.92	42.601		
9,100.00	6,840.00	6,713.00	6,713.00	92.60	116.20	-90.00	1,050.44	-10,772.50	6,969.10	6,802.86	166.24	41.922		
9,200.00	6,840.00	6,713.00	6,713.00	94.93	116.20	-90.00	1,050.44	-10,772.50	6,869.70	6,703.14	166.57	41.243		
9,300.00	6,840.00	6,713.00	6,713.00	97.28	116.20	-90.00	1,050.44	-10,772.50	6,770.32	6,603.42	166.91	40.564		
9,400.00	6,840.00	6,713.00	6,713.00	99.65	116.20	-90.00	1,050.44	-10,772.50	6,670.96	6,503.71	167.26	39.885		
9,500.00	6,840.00	6,713.00	6,713.00	102.03	116.20	-90.00	1,050.44	-10,772.50	6,571.62	6,404.00	167.62	39.206		
9,600.00	6,840.00	6,713.00	6,713.00	104.43	116.20	-90.00	1,050.44	-10,772.50	6,472.30	6,304.31	167.99	38.528		
9,700.00	6,840.00	6,713.00	6,713.00	106.85	116.20	-90.00	1,050.44	-10,772.50	6,373.00	6,204.62	168.38	37.850		
9,800.00	6,840.00	6,713.00	6,713.00	109.29	116.20	-90.00	1,050.44	-10,772.50	6,273.72	6,104.94	168.78	37.172		
9,900.00	6,840.00	6,713.00	6,713.00	111.73	116.20	-90.00	1,050.44	-10,772.50	6,174.46	6,005.27	169.19	36.494		
10,000.00	6,840.00	6,713.00	6,713.00	114.19	116.20	-90.00	1,050.44	-10,772.50	6,075.23	5,905.61	169.62	35.816		
10,100.00	6,840.00	6,713.00	6,713.00	116.66	116.20	-90.00	1,050.44	-10,772.50	5,976.02	5,805.96	170.07	35.139		
10,200.00	6,840.00	6,713.00	6,713.00	119.15	116.20	-90.00	1,050.44	-10,772.50	5,876.85	5,706.32	170.53	34.462		
10,300.00	6,840.00	6,713.00	6,713.00	121.64	116.20	-90.00	1,050.44	-10,772.50	5,777.70	5,606.69	171.01	33.786		
10,400.00	6,840.00	6,713.00	6,713.00	124.14	116.20	-90.00	1,050.44	-10,772.50	5,678.58	5,507.07	171.51	33.110		
10,500.00	6,840.00	6,713.00	6,713.00	126.65	116.20	-90.00	1,050.44	-10,772.50	5,579.49	5,407.46	172.03	32.434		
10,600.00	6,840.00	6,713.00	6,713.00	129.18	116.20	-90.00	1,050.44	-10,772.50	5,480.43	5,307.87	172.56	31.759		
10,700.00	6,840.00	6,713.00	6,713.00	131.70	116.20	-90.00	1,050.44	-10,772.50	5,381.41	5,208.28	173.12	31.084		
10,800.00	6,840.00	6,713.00	6,713.00	134.24	116.20	-90.00	1,050.44	-10,772.50	5,282.42	5,108.72	173.71	30.410		
10,900.00	6,840.00	6,713.00	6,713.00	136.79	116.20	-90.00	1,050.44	-10,772.50	5,183.48	5,009.16	174.32	29.736		
11,000.00	6,840.00	6,713.00	6,713.00	139.34	116.20	-90.00	1,050.44	-10,772.50	5,084.58	4,909.63	174.95	29.063		
11,100.00	6,840.00	6,713.00	6,713.00	141.90	116.20	-90.00	1,050.44	-10,772.50	4,985.72	4,810.11	175.61	28.391		
11,200.00	6,840.00	6,713.00	6,713.00	144.46	116.20	-90.00	1,050.44	-10,772.50	4,886.90	4,710.60	176.30	27.719		
11,300.00	6,840.00	6,713.00	6,713.00	147.03	116.20	-90.00	1,050.44	-10,772.50	4,788.14	4,611.12	177.02	27.049		
11,400.00	6,840.00	6,713.00	6,713.00	149.60	116.20	-90.00	1,050.44	-10,772.50	4,689.42	4,511.65	177.77	26.379		
11,500.00	6,840.00	6,713.00	6,713.00	152.18	116.20	-90.00	1,050.44	-10,772.50	4,590.77	4,412.21	178.56	25.710		
11,600.00	6,840.00	6,713.00	6,713.00	154.77	116.20	-90.00	1,050.44	-10,772.50	4,492.17	4,312.78	179.39	25.042		
11,700.00	6,840.00	6,713.00	6,713.00	157.36	116.20	-90.00	1,050.44	-10,772.50	4,393.64	4,213.38	180.25	24.375		
11,800.00	6,840.00	6,713.00	6,713.00	159.95	116.20	-90.00	1,050.44	-10,772.50	4,295.17	4,114.01	181.16	23.709		
11,900.00	6,840.00	6,713.00	6,713.00	162.55	116.20	-90.00	1,050.44	-10,772.50	4,196.78	4,014.66	182.12	23.044		
12,000.00	6,840.00	6,713.00	6,713.00	165.16	116.20	-90.00	1,050.44	-10,772.50	4,098.46	3,915.34	183.12	22.381		
12,100.00	6,840.00	6,713.00	6,713.00	167.76	116.20	-90.00	1,050.44	-10,772.50	4,000.23	3,816.05	184.18	21.719		
12,200.00	6,840.00	6,713.00	6,713.00	170.37	116.20	-90.00	1,050.44	-10,772.50	3,902.09	3,716.80	185.29	21.059		
12,300.00	6,840.00	6,713.00	6,713.00	172.99	116.20	-90.00	1,050.44	-10,772.50	3,804.04	3,617.58	186.46	20.401		
12,400.00	6,840.00	6,713.00	6,713.00	175.60	116.20	-90.00	1,050.44	-10,772.50	3,706.10	3,518.40	187.70	19.745		
12,500.00	6,840.00	6,713.00	6,713.00	178.23	116.20	-90.00	1,050.44	-10,772.50	3,608.27	3,419.26	189.01	19.090		
12,600.00	6,840.00	6,713.00	6,713.00	180.85	116.20	-90.00	1,050.44	-10,772.50	3,510.57	3,320.17	190.40	18.438		
12,700.00	6,840.00	6,713.00	6,713.00	183.47	116.20	-90.00	1,050.44	-10,772.50	3,412.99	3,221.12	191.87	17.788		
12,800.00	6,840.00	6,713.00	6,713.00	186.10	116.20	-90.00	1,050.44	-10,772.50	3,315.57	3,122.13	193.43	17.141		
12,900.00	6,840.00	6,713.00	6,713.00	188.74	116.20	-90.00	1,050.44	-10,772.50	3,218.30	3,023.20	195.09	16.496		
13,000.00	6,840.00	6,713.00	6,713.00	191.37	116.20	-90.00	1,050.44	-10,772.50	3,121.20	2,924.34	196.86	15.855		
13,100.00	6,840.00	6,713.00	6,713.00	194.01	116.20	-90.00	1,050.44	-10,772.50	3,024.29	2,825.55	198.74	15.217		
13,200.00	6,840.00	6,713.00	6,713.00	196.65	116.20	-90.00	1,050.44	-10,772.50	2,927.59	2,726.84	200.75	14.583		
13,300.00	6,840.00	6,713.00	6,713.00	199.29	116.20	-90.00	1,050.44	-10,772.50	2,831.12	2,628.21	202.90	13.953		
13,400.00	6,840.00	6,713.00	6,713.00	201.93	116.20	-90.00	1,050.44	-10,772.50	2,734.90	2,529.69	205.21	13.327		
13,500.00	6,840.00	6,713.00	6,713.00	204.58	116.20	-90.00	1,050.44	-10,772.50	2,638.96	2,431.27	207.69	12.706		
13,600.00	6,840.00	6,713.00	6,713.00	207.22	116.20	-90.00	1,050.44	-10,772.50	2,543.34	2,332.98	210.35	12.091		
13,700.00	6,840.00	6,713.00	6,713.00	209.87	116.20	-90.00	1,050.44	-10,772.50	2,448.06	2,234.84	213.23	11.481		
13,800.00	6,840.00	6,713.00	6,713.00	212.52	116.20	-90.00	1,050.44	-10,772.50	2,353.18	2,136.85	216.33	10.878		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,900.00	6,840.00	6,713.00	6,713.00	215.18	116.20	-90.00	1,050.44	-10,772.50	2,258.74	2,039.05	219.69	10.282		
14,000.00	6,840.00	6,713.00	6,713.00	217.83	116.20	-90.00	1,050.44	-10,772.50	2,164.80	1,941.46	223.33	9.693		
14,100.00	6,840.00	6,713.00	6,713.00	220.49	116.20	-90.00	1,050.44	-10,772.50	2,071.43	1,844.13	227.30	9.113		
14,200.00	6,840.00	6,713.00	6,713.00	223.15	116.20	-90.00	1,050.44	-10,772.50	1,978.70	1,747.08	231.62	8.543		
14,300.00	6,840.00	6,713.00	6,713.00	225.81	116.20	-90.00	1,050.44	-10,772.50	1,886.72	1,650.38	236.34	7.983		
14,400.00	6,840.00	6,713.00	6,713.00	228.47	116.20	-90.00	1,050.44	-10,772.50	1,795.59	1,554.09	241.50	7.435		
14,500.00	6,840.00	6,713.00	6,713.00	231.13	116.20	-90.00	1,050.44	-10,772.50	1,705.46	1,458.29	247.17	6.900		
14,600.00	6,840.00	6,713.00	6,713.00	233.79	116.20	-90.00	1,050.44	-10,772.50	1,616.49	1,363.09	253.40	6.379		
14,700.00	6,840.00	6,713.00	6,713.00	236.46	116.20	-90.00	1,050.44	-10,772.50	1,528.89	1,268.62	260.26	5.874		
14,800.00	6,840.00	6,713.00	6,713.00	239.12	116.20	-90.00	1,050.44	-10,772.50	1,442.89	1,175.08	267.82	5.388		
14,900.00	6,840.00	6,713.00	6,713.00	241.79	116.20	-90.00	1,050.44	-10,772.50	1,358.82	1,082.68	276.14	4.921		
15,000.00	6,840.00	6,713.00	6,713.00	244.46	116.20	-90.00	1,050.44	-10,772.50	1,277.04	991.75	285.30	4.476		
15,100.00	6,840.00	6,713.00	6,713.00	247.13	116.20	-90.00	1,050.44	-10,772.50	1,198.03	902.70	295.34	4.057		
15,200.00	6,840.00	6,713.00	6,713.00	249.80	116.20	-90.00	1,050.44	-10,772.50	1,122.38	816.11	306.27	3.665		
15,300.00	6,840.00	6,713.00	6,713.00	252.47	116.20	-90.00	1,050.44	-10,772.50	1,050.80	732.75	318.05	3.304		
15,400.00	6,840.00	6,713.00	6,713.00	255.15	116.20	-90.00	1,050.44	-10,772.50	984.19	653.66	330.53	2.978		
15,500.00	6,840.00	6,713.00	6,713.00	257.82	116.20	-90.00	1,050.44	-10,772.50	923.62	580.24	343.39	2.690		
15,600.00	6,840.00	6,713.00	6,713.00	260.50	116.20	-90.00	1,050.44	-10,772.50	870.36	514.27	356.09	2.444		
15,700.00	6,840.00	6,713.00	6,713.00	263.17	116.20	-90.00	1,050.44	-10,772.50	825.82	457.98	367.84	2.245		
15,800.00	6,840.00	6,713.00	6,713.00	265.85	116.20	-90.00	1,050.44	-10,772.50	791.47	413.87	377.60	2.096		
15,900.00	6,840.00	6,713.00	6,713.00	268.53	116.20	-90.00	1,050.44	-10,772.50	768.68	384.45	384.23	2.001		
16,000.00	6,840.00	6,713.00	6,713.00	271.20	116.20	-90.00	1,050.44	-10,772.50	758.50	371.70	386.80	1.961		
16,027.76	6,840.00	6,713.00	6,713.00	271.95	116.20	-90.00	1,050.44	-10,772.50	757.99	371.29	386.70	1.960	CC, ES, SF	
16,100.00	6,840.00	6,713.00	6,713.00	273.88	116.20	-90.00	1,050.44	-10,772.50	761.43	376.61	384.81	1.979		
16,200.00	6,840.00	6,713.00	6,713.00	276.56	116.20	-90.00	1,050.44	-10,772.50	777.31	398.83	378.49	2.054		
16,300.00	6,840.00	6,713.00	6,713.00	279.25	116.20	-90.00	1,050.44	-10,772.50	805.40	436.77	368.62	2.185		
16,400.00	6,840.00	6,713.00	6,713.00	281.93	116.20	-90.00	1,050.44	-10,772.50	844.46	488.11	356.35	2.370		
16,500.00	6,840.00	6,713.00	6,713.00	284.61	116.20	-90.00	1,050.44	-10,772.50	893.06	550.26	342.80	2.605		
16,600.00	6,840.00	6,713.00	6,713.00	287.29	116.20	-90.00	1,050.44	-10,772.50	949.74	620.84	328.90	2.888		
16,700.00	6,840.00	6,713.00	6,713.00	289.98	116.20	-90.00	1,050.44	-10,772.50	1,013.14	697.82	315.32	3.213		
16,800.00	6,840.00	6,713.00	6,713.00	292.66	116.20	-90.00	1,050.44	-10,772.50	1,082.09	779.64	302.45	3.578		
16,900.00	6,840.00	6,713.00	6,713.00	295.35	116.20	-90.00	1,050.44	-10,772.50	1,155.58	865.08	290.50	3.978		
17,000.00	6,840.00	6,713.00	6,713.00	298.03	116.20	-90.00	1,050.44	-10,772.50	1,232.80	953.26	279.55	4.410		
17,100.00	6,840.00	6,713.00	6,713.00	300.72	116.20	-90.00	1,050.44	-10,772.50	1,313.11	1,043.52	269.59	4.871		
17,200.00	6,840.00	6,713.00	6,713.00	303.41	116.20	-90.00	1,050.44	-10,772.50	1,395.96	1,135.39	260.57	5.357		
17,300.00	6,840.00	6,713.00	6,713.00	306.09	116.20	-90.00	1,050.44	-10,772.50	1,480.93	1,228.50	252.43	5.867		
17,400.00	6,840.00	6,713.00	6,713.00	308.78	116.20	-90.00	1,050.44	-10,772.50	1,567.67	1,322.60	245.07	6.397		
17,500.00	6,840.00	6,713.00	6,713.00	311.47	116.20	-90.00	1,050.44	-10,772.50	1,655.91	1,417.48	238.43	6.945		
17,600.00	6,840.00	6,713.00	6,713.00	314.16	116.20	-90.00	1,050.44	-10,772.50	1,745.42	1,513.00	232.42	7.510		
17,700.00	6,840.00	6,713.00	6,713.00	316.85	116.20	-90.00	1,050.44	-10,772.50	1,836.01	1,609.03	226.98	8.089		
17,800.00	6,840.00	6,713.00	6,713.00	319.54	116.20	-90.00	1,050.44	-10,772.50	1,927.54	1,705.49	222.05	8.681		
17,900.00	6,840.00	6,713.00	6,713.00	322.23	116.20	-90.00	1,050.44	-10,772.50	2,019.86	1,802.30	217.56	9.284		
18,000.00	6,840.00	6,713.00	6,713.00	324.92	116.20	-90.00	1,050.44	-10,772.50	2,112.89	1,899.41	213.47	9.898		
18,100.00	6,840.00	6,713.00	6,713.00	327.62	116.20	-90.00	1,050.44	-10,772.50	2,206.52	1,996.78	209.75	10.520		
18,200.00	6,840.00	6,713.00	6,713.00	330.31	116.20	-90.00	1,050.44	-10,772.50	2,300.69	2,094.36	206.34	11.150		
18,300.00	6,840.00	6,713.00	6,713.00	333.00	116.20	-90.00	1,050.44	-10,772.50	2,395.34	2,192.12	203.21	11.787		
18,400.00	6,840.00	6,713.00	6,713.00	335.70	116.20	-90.00	1,050.44	-10,772.50	2,490.40	2,290.05	200.35	12.430		
18,500.00	6,840.00	6,713.00	6,713.00	338.39	116.20	-90.00	1,050.44	-10,772.50	2,585.83	2,388.12	197.72	13.079		
18,600.00	6,840.00	6,713.00	6,713.00	341.08	116.20	-90.00	1,050.44	-10,772.50	2,681.60	2,486.31	195.29	13.731		
18,700.00	6,840.00	6,713.00	6,713.00	343.78	116.20	-90.00	1,050.44	-10,772.50	2,777.67	2,584.61	193.06	14.388		
18,800.00	6,840.00	6,713.00	6,713.00	346.47	116.20	-90.00	1,050.44	-10,772.50	2,874.00	2,683.01	190.99	15.048		
18,900.00	6,840.00	6,713.00	6,713.00	349.17	116.20	-90.00	1,050.44	-10,772.50	2,970.58	2,781.49	189.08	15.710		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	351.86	116.20	-90.00	1,050.44	-10,772.50	3,067.37	2,880.05	187.32	16.375		
19,100.00	6,840.00	6,713.00	6,713.00	354.56	116.20	-90.00	1,050.44	-10,772.50	3,164.37	2,978.69	185.68	17.042		
19,200.00	6,840.00	6,713.00	6,713.00	357.26	116.20	-90.00	1,050.44	-10,772.50	3,261.54	3,077.38	184.16	17.710		
19,300.00	6,840.00	6,713.00	6,713.00	359.95	116.20	-90.00	1,050.44	-10,772.50	3,358.89	3,176.14	182.75	18.380		
19,400.00	6,840.00	6,713.00	6,713.00	362.65	116.20	-90.00	1,050.44	-10,772.50	3,456.38	3,274.94	181.44	19.050		
19,500.00	6,840.00	6,713.00	6,713.00	365.35	116.20	-90.00	1,050.44	-10,772.50	3,554.01	3,373.79	180.22	19.721		
19,600.00	6,840.00	6,713.00	6,713.00	368.05	116.20	-90.00	1,050.44	-10,772.50	3,651.78	3,472.69	179.08	20.392		
19,700.00	6,840.00	6,713.00	6,713.00	370.74	116.20	-90.00	1,050.44	-10,772.50	3,749.65	3,571.63	178.02	21.063		
19,800.00	6,840.00	6,713.00	6,713.00	373.44	116.20	-90.00	1,050.44	-10,772.50	3,847.64	3,670.61	177.04	21.734		
19,900.00	6,840.00	6,713.00	6,713.00	376.14	116.20	-90.00	1,050.44	-10,772.50	3,945.73	3,769.62	176.12	22.404		
20,000.00	6,840.00	6,713.00	6,713.00	378.84	116.20	-90.00	1,050.44	-10,772.50	4,043.92	3,868.66	175.26	23.074		
20,100.00	6,840.00	6,713.00	6,713.00	381.54	116.20	-90.00	1,050.44	-10,772.50	4,142.19	3,967.73	174.45	23.744		
20,200.00	6,840.00	6,713.00	6,713.00	384.24	116.20	-90.00	1,050.44	-10,772.50	4,240.54	4,066.83	173.70	24.413		
20,300.00	6,840.00	6,713.00	6,713.00	386.94	116.20	-90.00	1,050.44	-10,772.50	4,338.96	4,165.96	173.00	25.081		
20,400.00	6,840.00	6,713.00	6,713.00	389.64	116.20	-90.00	1,050.44	-10,772.50	4,437.46	4,265.11	172.35	25.747		
20,500.00	6,840.00	6,713.00	6,713.00	392.34	116.20	-90.00	1,050.44	-10,772.50	4,536.02	4,364.29	171.73	26.413		
20,600.00	6,840.00	6,713.00	6,713.00	395.04	116.20	-90.00	1,050.44	-10,772.50	4,634.65	4,463.49	171.16	27.078		
20,609.76	6,840.00	6,713.00	6,713.00	395.31	116.20	-90.00	1,050.44	-10,772.50	4,644.27	4,473.17	171.10	27.143		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,700.00	6,840.00	6,728.72	6,728.01	83.54	1.91	-90.00	1,057.81	-13,386.03	9,970.46	9,921.26	49.20	202.644		
8,800.00	6,840.00	6,728.73	6,728.03	85.76	1.91	-90.00	1,057.81	-13,386.03	9,870.75	9,821.35	49.40	199.804		
8,900.00	6,840.00	6,728.75	6,728.04	88.02	1.91	-90.00	1,057.81	-13,386.03	9,771.06	9,721.45	49.61	196.968		
9,000.00	6,840.00	6,728.76	6,728.05	90.30	1.91	-90.00	1,057.81	-13,386.03	9,671.36	9,621.55	49.82	194.137		
9,100.00	6,840.00	6,728.77	6,728.06	92.60	1.91	-90.00	1,057.81	-13,386.03	9,571.68	9,521.65	50.03	191.309		
9,200.00	6,840.00	6,728.78	6,728.07	94.93	1.91	-90.01	1,057.81	-13,386.03	9,472.00	9,421.75	50.25	188.487		
9,300.00	6,840.00	6,728.79	6,728.09	97.28	1.91	-90.01	1,057.81	-13,386.03	9,372.33	9,321.85	50.48	185.669		
9,400.00	6,840.00	6,728.80	6,728.10	99.65	1.91	-90.01	1,057.81	-13,386.03	9,272.66	9,221.95	50.71	182.857		
9,500.00	6,840.00	6,728.82	6,728.11	102.03	1.91	-90.01	1,057.81	-13,386.03	9,173.00	9,122.06	50.95	180.049		
9,600.00	6,840.00	6,728.83	6,728.12	104.43	1.91	-90.01	1,057.81	-13,386.03	9,073.35	9,022.16	51.19	177.248		
9,700.00	6,840.00	6,728.84	6,728.13	106.85	1.91	-90.01	1,057.81	-13,386.03	8,973.71	8,922.27	51.44	174.452		
9,800.00	6,840.00	6,728.85	6,728.14	109.29	1.91	-90.01	1,057.81	-13,386.03	8,874.07	8,822.38	51.69	171.662		
9,900.00	6,840.00	6,728.86	6,728.15	111.73	1.91	-90.01	1,057.81	-13,386.03	8,774.45	8,722.49	51.96	168.879		
10,000.00	6,840.00	6,728.87	6,728.16	114.19	1.91	-90.01	1,057.81	-13,386.03	8,674.83	8,622.60	52.23	166.102		
10,100.00	6,840.00	6,728.88	6,728.17	116.66	1.91	-90.01	1,057.81	-13,386.03	8,575.22	8,522.72	52.50	163.332		
10,200.00	6,840.00	6,728.89	6,728.19	119.15	1.91	-90.01	1,057.81	-13,386.03	8,475.62	8,422.84	52.78	160.569		
10,300.00	6,840.00	6,728.90	6,728.20	121.64	1.91	-90.01	1,057.81	-13,386.03	8,376.03	8,322.96	53.08	157.814		
10,400.00	6,840.00	6,728.91	6,728.21	124.14	1.91	-90.02	1,057.81	-13,386.03	8,276.45	8,223.08	53.37	155.066		
10,500.00	6,840.00	6,728.92	6,728.22	126.65	1.90	-90.02	1,057.81	-13,386.03	8,176.88	8,123.20	53.68	152.325		
10,600.00	6,840.00	6,728.93	6,728.23	129.18	1.90	-90.02	1,057.81	-13,386.03	8,077.32	8,023.33	54.00	149.593		
10,700.00	6,840.00	6,728.94	6,728.24	131.70	1.90	-90.02	1,057.81	-13,386.03	7,977.77	7,923.46	54.32	146.870		
10,800.00	6,840.00	6,728.95	6,728.25	134.24	1.90	-90.02	1,057.81	-13,386.03	7,878.24	7,823.59	54.65	144.155		
10,900.00	6,840.00	6,728.96	6,728.26	136.79	1.90	-90.02	1,057.81	-13,386.03	7,778.71	7,723.72	54.99	141.449		
11,000.00	6,840.00	6,728.97	6,728.27	139.34	1.90	-90.02	1,057.81	-13,386.03	7,679.20	7,623.85	55.34	138.752		
11,100.00	6,840.00	6,728.98	6,728.28	141.90	1.90	-90.02	1,057.81	-13,386.03	7,579.70	7,523.99	55.71	136.065		
11,200.00	6,840.00	6,728.99	6,728.29	144.46	1.90	-90.02	1,057.81	-13,386.03	7,480.21	7,424.13	56.08	133.388		
11,300.00	6,840.00	6,729.00	6,728.30	147.03	1.90	-90.02	1,057.81	-13,386.03	7,380.74	7,324.28	56.46	130.721		
11,400.00	6,840.00	6,729.01	6,728.31	149.60	1.90	-90.02	1,057.81	-13,386.03	7,281.28	7,224.43	56.86	128.065		
11,500.00	6,840.00	6,729.02	6,728.31	152.18	1.90	-90.02	1,057.81	-13,386.03	7,181.84	7,124.58	57.26	125.419		
11,600.00	6,840.00	6,729.03	6,728.32	154.77	1.90	-90.02	1,057.81	-13,386.03	7,082.41	7,024.73	57.68	122.784		
11,700.00	6,840.00	6,729.04	6,728.33	157.36	1.90	-90.03	1,057.81	-13,386.03	6,983.00	6,924.89	58.11	120.161		
11,800.00	6,840.00	6,729.05	6,728.34	159.95	1.90	-90.03	1,057.81	-13,386.03	6,883.61	6,825.05	58.56	117.550		
11,900.00	6,840.00	6,729.06	6,728.35	162.55	1.90	-90.03	1,057.81	-13,386.03	6,784.23	6,725.21	59.02	114.951		
12,000.00	6,840.00	6,729.07	6,728.36	165.16	1.90	-90.03	1,057.81	-13,386.03	6,684.87	6,625.38	59.49	112.365		
12,100.00	6,840.00	6,729.08	6,728.37	167.76	1.90	-90.03	1,057.81	-13,386.03	6,585.53	6,525.55	59.98	109.791		
12,200.00	6,840.00	6,729.09	6,728.38	170.37	1.90	-90.03	1,057.81	-13,386.03	6,486.22	6,425.73	60.49	107.231		
12,300.00	6,840.00	6,729.09	6,728.39	172.99	1.90	-90.03	1,057.81	-13,386.03	6,386.92	6,325.91	61.01	104.684		
12,400.00	6,840.00	6,729.10	6,728.40	175.60	1.90	-90.03	1,057.81	-13,386.03	6,287.64	6,226.09	61.55	102.152		
12,500.00	6,840.00	6,729.11	6,728.40	178.23	1.90	-90.03	1,057.81	-13,386.03	6,188.39	6,126.28	62.11	99.634		
12,600.00	6,840.00	6,729.12	6,728.41	180.85	1.90	-90.03	1,057.81	-13,386.03	6,089.17	6,026.48	62.69	97.131		
12,700.00	6,840.00	6,729.13	6,728.42	183.47	1.90	-90.03	1,057.81	-13,386.03	5,989.97	5,926.68	63.29	94.644		
12,800.00	6,840.00	6,729.14	6,728.43	186.10	1.90	-90.03	1,057.81	-13,386.03	5,890.79	5,826.88	63.91	92.172		
12,900.00	6,840.00	6,729.15	6,728.44	188.74	1.90	-90.03	1,057.81	-13,386.03	5,791.65	5,727.09	64.55	89.717		
13,000.00	6,840.00	6,729.15	6,728.45	191.37	1.90	-90.03	1,057.81	-13,386.03	5,692.53	5,627.31	65.22	87.279		
13,100.00	6,840.00	6,729.16	6,728.45	194.01	1.90	-90.03	1,057.81	-13,386.03	5,593.45	5,527.53	65.92	84.858		
13,200.00	6,840.00	6,729.17	6,728.46	196.65	1.90	-90.03	1,057.81	-13,386.03	5,494.40	5,427.76	66.64	82.455		
13,300.00	6,840.00	6,729.18	6,728.47	199.29	1.90	-90.04	1,057.81	-13,386.03	5,395.38	5,328.00	67.38	80.070		
13,400.00	6,840.00	6,729.19	6,728.48	201.93	1.90	-90.04	1,057.81	-13,386.03	5,296.40	5,228.24	68.16	77.704		
13,500.00	6,840.00	6,729.19	6,728.49	204.58	1.90	-90.04	1,057.81	-13,386.03	5,197.46	5,128.49	68.97	75.358		
13,600.00	6,840.00	6,729.20	6,728.49	207.22	1.90	-90.04	1,057.81	-13,386.03	5,098.57	5,028.75	69.81	73.032		
13,700.00	6,840.00	6,729.21	6,728.50	209.87	1.90	-90.04	1,057.81	-13,386.03	4,999.71	4,929.02	70.69	70.726		
13,800.00	6,840.00	6,729.22	6,728.51	212.52	1.90	-90.04	1,057.81	-13,386.03	4,900.90	4,829.30	71.61	68.442		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,900.00	6,840.00	6,729.22	6,728.52	215.18	1.90	-90.04	1,057.81	-13,386.03	4,802.15	4,729.58	72.56	66.179		
14,000.00	6,840.00	6,729.23	6,728.52	217.83	1.90	-90.04	1,057.81	-13,386.03	4,703.44	4,629.88	73.56	63.940		
14,100.00	6,840.00	6,729.24	6,728.53	220.49	1.90	-90.04	1,057.81	-13,386.03	4,604.79	4,530.19	74.60	61.723		
14,200.00	6,840.00	6,729.25	6,728.54	223.15	1.90	-90.04	1,057.81	-13,386.03	4,506.20	4,430.50	75.69	59.531		
14,300.00	6,840.00	6,729.25	6,728.55	225.81	1.90	-90.04	1,057.81	-13,386.03	4,407.67	4,330.83	76.84	57.364		
14,400.00	6,840.00	6,729.26	6,728.55	228.47	1.90	-90.04	1,057.81	-13,386.03	4,309.21	4,231.18	78.04	55.221		
14,500.00	6,840.00	6,729.27	6,728.56	231.13	1.90	-90.04	1,057.81	-13,386.03	4,210.82	4,131.53	79.29	53.106		
14,600.00	6,840.00	6,729.28	6,728.57	233.79	1.90	-90.04	1,057.81	-13,386.03	4,112.52	4,031.91	80.61	51.017		
14,700.00	6,840.00	6,729.28	6,728.58	236.46	1.90	-90.04	1,057.81	-13,386.03	4,014.29	3,932.29	82.00	48.956		
14,800.00	6,840.00	6,729.29	6,728.58	239.12	1.90	-90.04	1,057.81	-13,386.03	3,916.16	3,832.70	83.46	46.924		
14,900.00	6,840.00	6,729.30	6,728.59	241.79	1.90	-90.04	1,057.81	-13,386.03	3,818.12	3,733.12	84.99	44.922		
15,000.00	6,840.00	6,729.30	6,728.60	244.46	1.90	-90.04	1,057.81	-13,386.03	3,720.18	3,633.57	86.62	42.951		
15,100.00	6,840.00	6,729.31	6,728.60	247.13	1.90	-90.05	1,057.81	-13,386.03	3,622.36	3,534.03	88.33	41.011		
15,200.00	6,840.00	6,729.32	6,728.61	249.80	1.90	-90.05	1,057.81	-13,386.03	3,524.66	3,434.52	90.14	39.103		
15,300.00	6,840.00	6,729.33	6,728.62	252.47	1.90	-90.05	1,057.81	-13,386.03	3,427.09	3,335.04	92.05	37.229		
15,400.00	6,840.00	6,729.33	6,728.62	255.15	1.90	-90.05	1,057.81	-13,386.03	3,329.67	3,235.59	94.09	35.390		
15,500.00	6,840.00	6,729.34	6,728.63	257.82	1.90	-90.05	1,057.81	-13,386.03	3,232.41	3,136.16	96.24	33.586		
15,600.00	6,840.00	6,729.35	6,728.64	260.50	1.90	-90.05	1,057.81	-13,386.03	3,135.32	3,036.78	98.54	31.819		
15,700.00	6,840.00	6,729.35	6,728.64	263.17	1.90	-90.05	1,057.81	-13,386.03	3,038.41	2,937.43	100.98	30.089		
15,800.00	6,840.00	6,729.36	6,728.65	265.85	1.90	-90.05	1,057.81	-13,386.03	2,941.71	2,838.13	103.58	28.399		
15,900.00	6,840.00	6,729.37	6,728.66	268.53	1.90	-90.05	1,057.81	-13,386.03	2,845.25	2,738.88	106.37	26.749		
16,000.00	6,840.00	6,729.37	6,728.66	271.20	1.90	-90.05	1,057.81	-13,386.03	2,749.03	2,639.68	109.35	25.140		
16,100.00	6,840.00	6,729.38	6,728.67	273.88	1.90	-90.05	1,057.81	-13,386.03	2,653.09	2,540.55	112.54	23.574		
16,200.00	6,840.00	6,729.38	6,728.68	276.56	1.90	-90.05	1,057.81	-13,386.03	2,557.47	2,441.50	115.97	22.052		
16,300.00	6,840.00	6,729.39	6,728.68	279.25	1.90	-90.05	1,057.81	-13,386.03	2,462.19	2,342.52	119.67	20.575		
16,400.00	6,840.00	6,729.40	6,728.69	281.93	1.90	-90.05	1,057.81	-13,386.03	2,367.30	2,243.65	123.65	19.145		
16,500.00	6,840.00	6,729.40	6,728.70	284.61	1.90	-90.05	1,057.81	-13,386.03	2,272.86	2,144.89	127.96	17.762		
16,600.00	6,840.00	6,729.41	6,728.70	287.29	1.90	-90.05	1,057.81	-13,386.03	2,178.90	2,046.27	132.63	16.428		
16,700.00	6,840.00	6,729.42	6,728.71	289.98	1.90	-90.05	1,057.81	-13,386.03	2,085.51	1,947.81	137.70	15.145		
16,800.00	6,840.00	6,729.42	6,728.71	292.66	1.90	-90.05	1,057.81	-13,386.03	1,992.76	1,849.55	143.22	13.914		
16,900.00	6,840.00	6,729.43	6,728.72	295.35	1.90	-90.05	1,057.81	-13,386.03	1,900.75	1,751.51	149.23	12.737		
17,000.00	6,840.00	6,729.43	6,728.73	298.03	1.90	-90.05	1,057.81	-13,386.03	1,809.58	1,653.77	155.81	11.614		
17,100.00	6,840.00	6,729.44	6,728.73	300.72	1.90	-90.06	1,057.81	-13,386.03	1,719.40	1,556.37	163.02	10.547		
17,200.00	6,840.00	6,729.45	6,728.74	303.41	1.90	-90.06	1,057.81	-13,386.03	1,630.36	1,459.42	170.93	9.538		
17,300.00	6,840.00	6,729.45	6,728.74	306.09	1.90	-90.06	1,057.81	-13,386.03	1,542.66	1,363.03	179.63	8.588		
17,400.00	6,840.00	6,729.46	6,728.75	308.78	1.90	-90.06	1,057.81	-13,386.03	1,456.55	1,267.35	189.20	7.698		
17,500.00	6,840.00	6,729.46	6,728.76	311.47	1.90	-90.06	1,057.81	-13,386.03	1,372.33	1,172.59	199.74	6.871		
17,600.00	6,840.00	6,729.47	6,728.76	314.16	1.90	-90.06	1,057.81	-13,386.03	1,290.36	1,079.04	211.32	6.106		
17,700.00	6,840.00	6,729.47	6,728.77	316.85	1.90	-90.06	1,057.81	-13,386.03	1,211.10	987.09	224.01	5.406		
17,800.00	6,840.00	6,729.48	6,728.77	319.54	1.90	-90.06	1,057.81	-13,386.03	1,135.13	897.29	237.84	4.773		
17,900.00	6,840.00	6,729.49	6,728.78	322.23	1.90	-90.06	1,057.81	-13,386.03	1,063.13	810.39	252.75	4.206		
18,000.00	6,840.00	6,729.49	6,728.78	324.92	1.90	-90.06	1,057.81	-13,386.03	995.99	727.42	268.57	3.709		
18,100.00	6,840.00	6,729.50	6,728.79	327.62	1.90	-90.06	1,057.81	-13,386.03	934.74	649.81	284.93	3.281		
18,200.00	6,840.00	6,729.50	6,728.79	330.31	1.90	-90.06	1,057.81	-13,386.03	880.61	579.40	301.21	2.924		
18,300.00	6,840.00	6,729.51	6,728.80	333.00	1.90	-90.06	1,057.81	-13,386.03	835.00	518.56	316.44	2.639		
18,400.00	6,840.00	6,729.51	6,728.81	335.70	1.90	-90.06	1,057.81	-13,386.03	799.35	469.99	329.36	2.427		
18,500.00	6,840.00	6,729.52	6,728.81	338.39	1.90	-90.06	1,057.81	-13,386.03	775.05	436.50	338.55	2.289		
18,600.00	6,840.00	6,729.52	6,728.82	341.08	1.90	-90.06	1,057.81	-13,386.03	763.18	420.42	342.76	2.227		
18,641.29	6,840.00	6,729.53	6,728.82	342.20	1.90	-90.06	1,057.81	-13,386.03	762.06	419.21	342.86	2.223 CC, ES, SF		
18,700.00	6,840.00	6,729.53	6,728.82	343.78	1.90	-90.06	1,057.81	-13,386.03	764.32	423.02	341.30	2.239		
18,800.00	6,840.00	6,729.53	6,728.83	346.47	1.90	-90.06	1,057.81	-13,386.03	778.41	444.11	334.30	2.328		
18,900.00	6,840.00	6,729.54	6,728.83	349.17	1.90	-90.06	1,057.81	-13,386.03	804.78	482.12	322.66	2.494		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,000.00	6,840.00	6,729.55	6,728.84	351.86	1.90	-90.06	1,057.81	-13,386.03	842.26	534.53	307.74	2.737	
19,100.00	6,840.00	6,729.55	6,728.84	354.56	1.90	-90.06	1,057.81	-13,386.03	889.47	598.50	290.97	3.057	
19,200.00	6,840.00	6,729.56	6,728.85	357.26	1.90	-90.06	1,057.81	-13,386.03	944.93	671.36	273.57	3.454	
19,300.00	6,840.00	6,729.56	6,728.85	359.95	1.90	-90.06	1,057.81	-13,386.03	1,007.29	750.88	256.41	3.928	
19,400.00	6,840.00	6,729.57	6,728.86	362.65	1.90	-90.06	1,057.81	-13,386.03	1,075.35	835.30	240.05	4.480	
19,500.00	6,840.00	6,729.57	6,728.86	365.35	1.90	-90.06	1,057.81	-13,386.03	1,148.09	923.31	224.79	5.107	
19,600.00	6,840.00	6,729.58	6,728.87	368.05	1.90	-90.07	1,057.81	-13,386.03	1,224.69	1,013.95	210.74	5.811	
19,700.00	6,840.00	6,729.58	6,728.87	370.74	1.90	-90.07	1,057.81	-13,386.03	1,304.45	1,106.53	197.93	6.591	
19,800.00	6,840.00	6,729.59	6,728.88	373.44	1.90	-90.07	1,057.81	-13,386.03	1,386.84	1,200.55	186.29	7.444	
19,900.00	6,840.00	6,729.59	6,728.88	376.14	1.90	-90.07	1,057.81	-13,386.03	1,471.42	1,295.67	175.75	8.372	
20,000.00	6,840.00	6,729.60	6,728.89	378.84	1.90	-90.07	1,057.81	-13,386.03	1,557.83	1,391.61	166.21	9.372	
20,100.00	6,840.00	6,729.60	6,728.89	381.54	1.90	-90.07	1,057.81	-13,386.03	1,645.77	1,488.19	157.58	10.444	
20,200.00	6,840.00	6,729.60	6,728.90	384.24	1.90	-90.07	1,057.81	-13,386.03	1,735.02	1,585.27	149.75	11.586	
20,300.00	6,840.00	6,729.61	6,728.90	386.94	1.90	-90.07	1,057.81	-13,386.03	1,825.39	1,682.75	142.64	12.797	
20,400.00	6,840.00	6,729.61	6,728.91	389.64	1.90	-90.07	1,057.81	-13,386.03	1,916.71	1,780.54	136.18	14.075	
20,500.00	6,840.00	6,729.62	6,728.91	392.34	1.90	-90.07	1,057.81	-13,386.03	2,008.86	1,878.58	130.29	15.419	
20,600.00	6,840.00	6,729.62	6,728.92	395.04	1.90	-90.07	1,057.81	-13,386.03	2,101.73	1,976.82	124.91	16.826	
20,609.76	6,840.00	6,729.62	6,728.92	395.31	1.90	-90.07	1,057.81	-13,386.03	2,110.83	1,986.42	124.41	16.967	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
7,700.00	6,839.51	6,670.71	6,670.30	63.39	1.63	-79.50	-403.44	-12,192.67	9,990.93	9,938.70	52.22	191.306		
7,800.00	6,840.00	6,671.20	6,670.79	65.19	1.63	-88.94	-403.43	-12,192.67	9,893.49	9,840.75	52.74	187.590		
7,900.00	6,840.00	6,671.46	6,671.04	67.04	1.63	-88.94	-403.43	-12,192.67	9,796.06	9,742.80	53.26	183.915		
8,000.00	6,840.00	6,671.71	6,671.30	68.95	1.63	-88.95	-403.43	-12,192.68	9,698.69	9,644.89	53.80	180.264		
8,100.00	6,840.00	6,671.97	6,671.56	70.91	1.63	-88.96	-403.43	-12,192.68	9,601.37	9,547.01	54.36	176.636		
8,200.00	6,840.00	6,672.23	6,671.82	72.91	1.63	-88.96	-403.43	-12,192.68	9,504.10	9,449.18	54.93	173.034		
8,300.00	6,840.00	6,672.50	6,672.09	74.96	1.63	-88.97	-403.43	-12,192.68	9,406.89	9,351.38	55.51	169.457		
8,400.00	6,840.00	6,672.77	6,672.36	77.05	1.63	-88.98	-403.43	-12,192.68	9,309.74	9,253.63	56.11	165.908		
8,500.00	6,840.00	6,673.04	6,672.63	79.18	1.63	-88.98	-403.43	-12,192.68	9,212.65	9,155.92	56.73	162.386		
8,600.00	6,840.00	6,673.31	6,672.90	81.34	1.63	-88.99	-403.43	-12,192.68	9,115.63	9,058.26	57.37	158.893		
8,700.00	6,840.00	6,673.59	6,673.18	83.54	1.63	-89.00	-403.42	-12,192.69	9,018.67	8,960.64	58.02	155.429		
8,800.00	6,840.00	6,673.87	6,673.46	85.76	1.63	-89.00	-403.42	-12,192.69	8,921.77	8,863.08	58.70	151.996		
8,900.00	6,840.00	6,674.15	6,673.74	88.02	1.63	-89.01	-403.42	-12,192.69	8,824.95	8,765.56	59.39	148.595		
9,000.00	6,840.00	6,674.44	6,674.03	90.30	1.63	-89.02	-403.42	-12,192.69	8,728.20	8,668.10	60.10	145.225		
9,100.00	6,840.00	6,674.73	6,674.32	92.60	1.63	-89.03	-403.42	-12,192.69	8,631.52	8,570.69	60.83	141.888		
9,200.00	6,840.00	6,675.02	6,674.61	94.93	1.63	-89.03	-403.42	-12,192.69	8,534.92	8,473.33	61.59	138.585		
9,300.00	6,840.00	6,675.32	6,674.91	97.28	1.63	-89.04	-403.42	-12,192.69	8,438.39	8,376.03	62.36	135.316		
9,400.00	6,840.00	6,675.62	6,675.21	99.65	1.63	-89.05	-403.42	-12,192.70	8,341.95	8,278.80	63.16	132.083		
9,500.00	6,840.00	6,675.92	6,675.51	102.03	1.63	-89.06	-403.41	-12,192.70	8,245.60	8,181.62	63.98	128.885		
9,600.00	6,840.00	6,676.23	6,675.82	104.43	1.63	-89.07	-403.41	-12,192.70	8,149.33	8,084.51	64.82	125.724		
9,700.00	6,840.00	6,676.54	6,676.13	106.85	1.63	-89.07	-403.41	-12,192.70	8,053.15	7,987.46	65.69	122.600		
9,800.00	6,840.00	6,676.86	6,676.44	109.29	1.63	-89.08	-403.41	-12,192.70	7,957.07	7,890.49	66.58	119.513		
9,900.00	6,840.00	6,677.17	6,676.76	111.73	1.63	-89.09	-403.41	-12,192.71	7,861.08	7,793.58	67.50	116.465		
10,000.00	6,840.00	6,677.50	6,677.08	114.19	1.63	-89.10	-403.41	-12,192.71	7,765.20	7,696.75	68.44	113.456		
10,100.00	6,840.00	6,677.82	6,677.41	116.66	1.63	-89.11	-403.41	-12,192.71	7,669.42	7,600.00	69.42	110.486		
10,200.00	6,840.00	6,678.15	6,677.74	119.15	1.63	-89.12	-403.41	-12,192.71	7,573.75	7,503.33	70.42	107.556		
10,300.00	6,840.00	6,678.49	6,678.07	121.64	1.63	-89.12	-403.40	-12,192.71	7,478.19	7,406.74	71.45	104.666		
10,400.00	6,840.00	6,678.82	6,678.41	124.14	1.63	-89.13	-403.40	-12,192.72	7,382.75	7,310.24	72.51	101.817		
10,500.00	6,840.00	6,679.17	6,678.75	126.65	1.63	-89.14	-403.40	-12,192.72	7,287.43	7,213.83	73.60	99.009		
10,600.00	6,840.00	6,679.51	6,679.10	129.18	1.63	-89.15	-403.40	-12,192.72	7,192.24	7,117.51	74.73	96.243		
10,700.00	6,840.00	6,679.86	6,679.45	131.70	1.63	-89.16	-403.40	-12,192.72	7,097.18	7,021.29	75.89	93.519		
10,800.00	6,840.00	6,680.22	6,679.81	134.24	1.63	-89.17	-403.40	-12,192.72	7,002.26	6,925.18	77.09	90.838		
10,900.00	6,840.00	6,680.58	6,680.17	136.79	1.63	-89.18	-403.40	-12,192.73	6,907.49	6,829.17	78.32	88.199		
11,000.00	6,840.00	6,680.94	6,680.53	139.34	1.63	-89.19	-403.39	-12,192.73	6,812.86	6,733.27	79.59	85.602		
11,100.00	6,840.00	6,681.31	6,680.90	141.90	1.63	-89.20	-403.39	-12,192.73	6,718.39	6,637.49	80.90	83.050		
11,200.00	6,840.00	6,681.68	6,681.27	144.46	1.63	-89.21	-403.39	-12,192.73	6,624.08	6,541.83	82.25	80.540		
11,300.00	6,840.00	6,682.06	6,681.65	147.03	1.63	-89.22	-403.39	-12,192.74	6,529.94	6,446.30	83.64	78.074		
11,400.00	6,840.00	6,682.45	6,682.03	149.60	1.63	-89.23	-403.39	-12,192.74	6,435.97	6,350.90	85.07	75.652		
11,500.00	6,840.00	6,682.83	6,682.42	152.18	1.63	-89.24	-403.39	-12,192.74	6,342.19	6,255.64	86.55	73.274		
11,600.00	6,840.00	6,683.23	6,682.82	154.77	1.63	-89.25	-403.38	-12,192.74	6,248.61	6,160.53	88.08	70.940		
11,700.00	6,840.00	6,683.63	6,683.21	157.36	1.63	-89.26	-403.38	-12,192.75	6,155.22	6,065.56	89.66	68.651		
11,800.00	6,840.00	6,684.03	6,683.62	159.95	1.63	-89.27	-403.38	-12,192.75	6,062.05	5,970.76	91.29	66.405		
11,900.00	6,840.00	6,684.44	6,684.03	162.55	1.63	-89.28	-403.38	-12,192.75	5,969.10	5,876.13	92.97	64.205		
12,000.00	6,840.00	6,684.86	6,684.44	165.16	1.63	-89.29	-403.38	-12,192.75	5,876.38	5,781.67	94.71	62.048		
12,100.00	6,840.00	6,685.28	6,684.86	167.76	1.63	-89.30	-403.38	-12,192.76	5,783.90	5,687.40	96.50	59.937		
12,200.00	6,840.00	6,685.70	6,685.29	170.37	1.63	-89.31	-403.37	-12,192.76	5,691.67	5,593.32	98.35	57.869		
12,300.00	6,840.00	6,686.14	6,685.72	172.99	1.63	-89.32	-403.37	-12,192.76	5,599.71	5,499.45	100.27	55.847		
12,400.00	6,840.00	6,686.57	6,686.16	175.60	1.63	-89.33	-403.37	-12,192.77	5,508.04	5,405.79	102.25	53.869		
12,500.00	6,840.00	6,687.02	6,686.61	178.23	1.63	-89.34	-403.37	-12,192.77	5,416.65	5,312.36	104.30	51.935		
12,600.00	6,840.00	6,687.47	6,687.06	180.85	1.63	-89.36	-403.37	-12,192.77	5,325.58	5,219.17	106.41	50.046		
12,700.00	6,840.00	6,687.93	6,687.52	183.47	1.63	-89.37	-403.37	-12,192.77	5,234.83	5,126.23	108.60	48.201		
12,800.00	6,840.00	6,688.39	6,687.98	186.10	1.63	-89.38	-403.36	-12,192.78	5,144.43	5,033.56	110.87	46.400		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
12,900.00	6,840.00	6,688.86	6,688.45	188.74	1.63	-89.39	-403.36	-12,192.78	5,054.39	4,941.17	113.22	44.644		
13,000.00	6,840.00	6,689.34	6,688.93	191.37	1.63	-89.40	-403.36	-12,192.78	4,964.72	4,849.08	115.64	42.931		
13,100.00	6,840.00	6,689.83	6,689.42	194.01	1.63	-89.42	-403.36	-12,192.79	4,875.46	4,757.31	118.16	41.262		
13,200.00	6,840.00	6,690.32	6,689.91	196.65	1.63	-89.43	-403.36	-12,192.79	4,786.63	4,665.87	120.76	39.637		
13,300.00	6,840.00	6,690.82	6,690.41	199.29	1.63	-89.44	-403.35	-12,192.80	4,698.24	4,574.78	123.46	38.055		
13,400.00	6,840.00	6,691.33	6,690.91	201.93	1.63	-89.46	-403.35	-12,192.80	4,610.33	4,484.08	126.25	36.517		
13,500.00	6,840.00	6,700.00	6,699.59	204.58	1.63	-89.68	-403.32	-12,192.87	4,522.93	4,393.79	129.14	35.024		
13,600.00	6,840.00	6,700.00	6,699.59	207.22	1.63	-89.68	-403.32	-12,192.87	4,436.05	4,303.91	132.14	33.571		
13,700.00	6,840.00	6,700.00	6,699.59	209.87	1.63	-89.68	-403.32	-12,192.87	4,349.74	4,214.49	135.25	32.161		
13,800.00	6,840.00	6,700.00	6,699.59	212.52	1.63	-89.68	-403.32	-12,192.87	4,264.02	4,125.55	138.47	30.794		
13,900.00	6,840.00	6,700.00	6,699.59	215.18	1.63	-89.68	-403.32	-12,192.87	4,178.93	4,037.13	141.81	29.469		
14,000.00	6,840.00	6,700.00	6,699.59	217.83	1.63	-89.68	-403.32	-12,192.87	4,094.53	3,949.26	145.27	28.186		
14,100.00	6,840.00	6,700.00	6,699.59	220.49	1.63	-89.68	-403.32	-12,192.87	4,010.83	3,861.98	148.86	26.944		
14,200.00	6,840.00	6,700.00	6,699.59	223.15	1.63	-89.68	-403.32	-12,192.87	3,927.91	3,775.33	152.58	25.744		
14,300.00	6,840.00	6,700.00	6,699.59	225.81	1.63	-89.68	-403.32	-12,192.87	3,845.79	3,689.36	156.43	24.585		
14,400.00	6,840.00	6,700.00	6,699.59	228.47	1.63	-89.68	-403.32	-12,192.87	3,764.54	3,604.11	160.42	23.466		
14,500.00	6,840.00	6,700.00	6,699.59	231.13	1.63	-89.68	-403.32	-12,192.87	3,684.21	3,519.65	164.56	22.389		
14,600.00	6,840.00	6,700.00	6,699.59	233.79	1.63	-89.68	-403.32	-12,192.87	3,604.86	3,436.03	168.84	21.351		
14,700.00	6,840.00	6,700.00	6,699.59	236.46	1.63	-89.68	-403.32	-12,192.87	3,526.57	3,353.30	173.27	20.353		
14,800.00	6,840.00	6,700.00	6,699.59	239.12	1.63	-89.68	-403.32	-12,192.87	3,449.40	3,271.55	177.85	19.395		
14,900.00	6,840.00	6,700.00	6,699.59	241.79	1.63	-89.68	-403.32	-12,192.87	3,373.42	3,190.84	182.58	18.476		
15,000.00	6,840.00	6,700.80	6,700.39	244.46	1.63	-89.70	-403.31	-12,192.87	3,298.73	3,111.26	187.47	17.596		
15,100.00	6,840.00	6,701.64	6,701.23	247.13	1.63	-89.72	-403.31	-12,192.88	3,225.41	3,032.90	192.51	16.754		
15,200.00	6,840.00	6,702.47	6,702.06	249.80	1.63	-89.74	-403.31	-12,192.89	3,153.56	2,955.85	197.70	15.951		
15,300.00	6,840.00	6,703.28	6,702.87	252.47	1.63	-89.76	-403.30	-12,192.89	3,083.27	2,880.23	203.05	15.185		
15,400.00	6,840.00	6,704.09	6,703.68	255.15	1.63	-89.78	-403.30	-12,192.90	3,014.67	2,806.14	208.53	14.457		
15,500.00	6,840.00	6,704.88	6,704.47	257.82	1.63	-89.81	-403.30	-12,192.91	2,947.86	2,733.71	214.15	13.766		
15,600.00	6,840.00	6,705.67	6,705.26	260.50	1.63	-89.83	-403.30	-12,192.91	2,882.97	2,663.08	219.89	13.111		
15,700.00	6,840.00	6,706.44	6,706.03	263.17	1.63	-89.85	-403.29	-12,192.92	2,820.13	2,594.39	225.74	12.493		
15,800.00	6,840.00	6,707.21	6,706.80	265.85	1.63	-89.87	-403.29	-12,192.93	2,759.49	2,527.81	231.68	11.911		
15,900.00	6,840.00	6,707.97	6,707.55	268.53	1.63	-89.89	-403.29	-12,192.93	2,701.19	2,463.49	237.70	11.364		
16,000.00	6,840.00	6,708.71	6,708.30	271.20	1.63	-89.90	-403.28	-12,192.94	2,645.38	2,401.62	243.76	10.852		
16,100.00	6,840.00	6,709.45	6,709.04	273.88	1.63	-89.92	-403.28	-12,192.94	2,592.23	2,342.40	249.84	10.376		
16,200.00	6,840.00	6,710.18	6,709.77	276.56	1.63	-89.94	-403.28	-12,192.95	2,541.91	2,286.02	255.89	9.933		
16,300.00	6,840.00	6,710.90	6,710.49	279.25	1.63	-89.96	-403.28	-12,192.95	2,494.58	2,232.69	261.89	9.525		
16,400.00	6,840.00	6,711.61	6,711.20	281.93	1.63	-89.98	-403.28	-12,192.96	2,450.42	2,182.63	267.79	9.150		
16,500.00	6,840.00	6,712.32	6,711.90	284.61	1.63	-90.00	-403.27	-12,192.97	2,409.61	2,136.07	273.54	8.809		
16,600.00	6,840.00	6,713.01	6,712.60	287.29	1.63	-90.02	-403.27	-12,192.97	2,372.31	2,093.22	279.08	8.500		
16,700.00	6,840.00	6,713.70	6,713.29	289.98	1.63	-90.03	-403.27	-12,192.98	2,338.69	2,054.32	284.36	8.224		
16,800.00	6,840.00	6,714.38	6,713.97	292.66	1.63	-90.05	-403.27	-12,192.98	2,308.92	2,019.58	289.33	7.980		
16,900.00	6,840.00	6,715.05	6,714.64	295.35	1.63	-90.07	-403.26	-12,192.99	2,283.14	1,989.21	293.93	7.768		
17,000.00	6,840.00	6,715.71	6,715.30	298.03	1.63	-90.09	-403.26	-12,192.99	2,261.49	1,963.39	298.10	7.586		
17,100.00	6,840.00	6,716.37	6,715.96	300.72	1.63	-90.10	-403.26	-12,193.00	2,244.10	1,942.31	301.79	7.436		
17,200.00	6,840.00	6,717.02	6,716.61	303.41	1.63	-90.12	-403.26	-12,193.00	2,231.05	1,926.10	304.95	7.316		
17,300.00	6,840.00	6,717.66	6,717.25	306.09	1.63	-90.14	-403.26	-12,193.00	2,222.43	1,914.88	307.56	7.226		
17,400.00	6,840.00	6,718.29	6,717.88	308.78	1.63	-90.15	-403.25	-12,193.01	2,218.29	1,908.73	309.57	7.166		
17,441.90	6,840.00	6,718.56	6,718.14	309.91	1.63	-90.16	-403.25	-12,193.01	2,217.90	1,907.67	310.23	7.149 CC, ES		
17,500.00	6,840.00	6,718.92	6,718.51	311.47	1.63	-90.17	-403.25	-12,193.01	2,218.66	1,907.69	310.97	7.135		
17,600.00	6,840.00	6,719.54	6,719.13	314.16	1.63	-90.18	-403.25	-12,193.02	2,223.53	1,911.78	311.75	7.132 SF		
17,700.00	6,840.00	6,720.15	6,719.74	316.85	1.63	-90.20	-403.25	-12,193.02	2,232.87	1,920.95	311.92	7.159		
17,800.00	6,840.00	6,720.76	6,720.35	319.54	1.63	-90.22	-403.25	-12,193.03	2,246.62	1,935.14	311.48	7.213		
17,900.00	6,840.00	6,721.36	6,720.95	322.23	1.63	-90.23	-403.25	-12,193.03	2,264.71	1,954.25	310.47	7.295		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
18,000.00	6,840.00	6,721.95	6,721.54	324.92	1.63	-90.25	-403.24	-12,193.04	2,287.04	1,978.13	308.91	7.404		
18,100.00	6,840.00	6,722.54	6,722.13	327.62	1.63	-90.26	-403.24	-12,193.04	2,313.47	2,006.62	306.85	7.539		
18,200.00	6,840.00	6,723.12	6,722.71	330.31	1.63	-90.28	-403.24	-12,193.04	2,343.88	2,039.54	304.33	7.702		
18,300.00	6,840.00	6,723.69	6,723.28	333.00	1.63	-90.29	-403.24	-12,193.05	2,378.10	2,076.69	301.41	7.890		
18,400.00	6,840.00	6,724.26	6,723.85	335.70	1.63	-90.31	-403.24	-12,193.05	2,415.99	2,117.86	298.13	8.104		
18,500.00	6,840.00	6,724.82	6,724.41	338.39	1.63	-90.32	-403.24	-12,193.05	2,457.36	2,162.82	294.54	8.343		
18,600.00	6,840.00	6,725.38	6,724.97	341.08	1.63	-90.33	-403.24	-12,193.06	2,502.04	2,211.34	290.70	8.607		
18,700.00	6,840.00	6,725.93	6,725.52	343.78	1.63	-90.35	-403.24	-12,193.06	2,549.87	2,263.22	286.65	8.895		
18,800.00	6,840.00	6,726.47	6,726.06	346.47	1.63	-90.36	-403.23	-12,193.07	2,600.66	2,318.22	282.44	9.208		
18,900.00	6,840.00	6,727.01	6,726.60	349.17	1.63	-90.38	-403.23	-12,193.07	2,654.25	2,376.15	278.10	9.544		
19,000.00	6,840.00	6,727.55	6,727.13	351.86	1.63	-90.39	-403.23	-12,193.07	2,710.47	2,436.79	273.68	9.904		
19,100.00	6,840.00	6,728.07	6,727.66	354.56	1.63	-90.40	-403.23	-12,193.08	2,769.16	2,499.95	269.21	10.286		
19,200.00	6,840.00	6,728.60	6,728.18	357.26	1.63	-90.42	-403.23	-12,193.08	2,830.17	2,565.45	264.72	10.691		
19,300.00	6,840.00	6,729.11	6,728.70	359.95	1.63	-90.43	-403.23	-12,193.08	2,893.35	2,633.12	260.23	11.118		
19,400.00	6,840.00	6,729.62	6,729.21	362.65	1.63	-90.44	-403.23	-12,193.09	2,958.56	2,702.79	255.77	11.567		
19,500.00	6,840.00	6,730.13	6,729.72	365.35	1.63	-90.46	-403.23	-12,193.09	3,025.67	2,774.32	251.35	12.038		
19,600.00	6,840.00	6,730.63	6,730.22	368.05	1.63	-90.47	-403.22	-12,193.09	3,094.56	2,847.57	246.99	12.529		
19,700.00	6,840.00	6,731.13	6,730.72	370.74	1.63	-90.48	-403.22	-12,193.10	3,165.11	2,922.41	242.69	13.042		
19,800.00	6,840.00	6,731.62	6,731.21	373.44	1.63	-90.50	-403.22	-12,193.10	3,237.20	2,998.72	238.48	13.574		
19,900.00	6,840.00	6,732.11	6,731.69	376.14	1.63	-90.51	-403.22	-12,193.10	3,310.75	3,076.39	234.36	14.127		
20,000.00	6,840.00	6,732.59	6,732.18	378.84	1.63	-90.52	-403.22	-12,193.11	3,385.66	3,155.33	230.33	14.699		
20,100.00	6,840.00	6,733.07	6,732.65	381.54	1.63	-90.53	-403.22	-12,193.11	3,461.83	3,235.43	226.40	15.291		
20,200.00	6,840.00	6,733.54	6,733.13	384.24	1.63	-90.55	-403.22	-12,193.11	3,539.20	3,316.62	222.57	15.901		
20,300.00	6,840.00	6,734.01	6,733.59	386.94	1.63	-90.56	-403.22	-12,193.11	3,617.67	3,398.82	218.85	16.531		
20,400.00	6,840.00	6,734.47	6,734.06	389.64	1.63	-90.57	-403.22	-12,193.12	3,697.17	3,481.95	215.23	17.178		
20,500.00	6,840.00	6,734.93	6,734.52	392.34	1.63	-90.58	-403.22	-12,193.12	3,777.66	3,565.95	211.71	17.844		
20,600.00	6,840.00	6,735.39	6,734.97	395.04	1.63	-90.59	-403.22	-12,193.12	3,859.05	3,650.76	208.30	18.527		
20,609.76	6,840.00	6,735.43	6,735.02	395.31	1.63	-90.59	-403.22	-12,193.12	3,867.04	3,659.07	207.97	18.594		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,100.00	6,840.00	7,009.15	7,008.31	70.91	2.01	-95.06	-1,517.71	-12,199.58	9,924.44	9,866.04	58.40	169.929		
8,200.00	6,840.00	7,002.08	7,001.24	72.91	2.01	-94.94	-1,517.69	-12,199.80	9,830.35	9,771.11	59.24	165.950		
8,300.00	6,840.00	6,995.21	6,994.38	74.96	2.00	-94.83	-1,517.68	-12,200.02	9,736.37	9,676.28	60.09	162.021		
8,400.00	6,840.00	6,988.54	6,987.71	77.05	2.00	-94.71	-1,517.67	-12,200.23	9,642.52	9,581.54	60.97	158.141		
8,500.00	6,840.00	6,982.06	6,981.24	79.18	2.00	-94.60	-1,517.66	-12,200.43	9,548.78	9,486.90	61.88	154.314		
8,600.00	6,840.00	6,975.77	6,974.94	81.34	2.00	-94.49	-1,517.65	-12,200.62	9,455.18	9,392.37	62.81	150.539		
8,700.00	6,840.00	6,969.64	6,968.82	83.54	2.00	-94.39	-1,517.64	-12,200.80	9,361.70	9,297.94	63.76	146.817		
8,800.00	6,840.00	6,963.69	6,962.87	85.76	2.00	-94.29	-1,517.64	-12,200.97	9,268.36	9,203.61	64.75	143.150		
8,900.00	6,840.00	6,957.89	6,957.07	88.02	2.00	-94.19	-1,517.63	-12,201.14	9,175.15	9,109.40	65.75	139.538		
9,000.00	6,840.00	6,952.25	6,951.43	90.30	2.00	-94.09	-1,517.63	-12,201.30	9,082.09	9,015.30	66.79	135.982		
9,100.00	6,840.00	6,946.75	6,945.94	92.60	2.00	-94.00	-1,517.62	-12,201.46	8,989.18	8,921.33	67.85	132.483		
9,200.00	6,840.00	6,941.40	6,940.59	94.93	2.00	-93.91	-1,517.62	-12,201.61	8,896.41	8,827.47	68.94	129.040		
9,300.00	6,840.00	6,936.18	6,935.37	97.28	2.00	-93.82	-1,517.62	-12,201.75	8,803.81	8,733.75	70.06	125.655		
9,400.00	6,840.00	6,931.10	6,930.29	99.65	2.00	-93.73	-1,517.62	-12,201.89	8,711.37	8,640.15	71.21	122.328		
9,500.00	6,840.00	6,926.00	6,925.19	102.03	2.49	-92.82	-1,517.64	-12,203.15	8,619.08	8,546.19	72.89	118.249		
9,600.00	6,840.00	6,921.00	6,920.19	104.43	2.52	-92.78	-1,517.64	-12,203.19	8,526.96	8,452.83	74.13	115.026		
9,700.00	6,840.00	6,916.00	6,915.19	106.85	2.56	-92.75	-1,517.64	-12,203.23	8,435.03	8,359.62	75.41	111.862		
9,800.00	6,840.00	6,911.00	6,910.19	109.29	2.60	-92.71	-1,517.64	-12,203.28	8,343.27	8,266.56	76.71	108.759		
9,900.00	6,840.00	6,906.00	6,905.19	111.73	2.00	-93.44	-1,517.62	-12,202.34	8,251.77	8,174.33	77.43	106.566		
10,000.00	6,840.00	6,901.00	6,900.19	114.19	2.00	-93.30	-1,517.62	-12,202.56	8,160.41	8,081.63	78.78	103.586		
10,100.00	6,840.00	6,896.00	6,895.19	116.66	2.00	-93.16	-1,517.63	-12,202.75	8,069.26	7,989.10	80.16	100.665		
10,200.00	6,840.00	6,891.00	6,890.19	119.15	1.99	-93.03	-1,517.63	-12,202.93	7,978.32	7,896.75	81.58	97.803		
10,300.00	6,840.00	6,886.00	6,885.19	121.64	1.99	-92.91	-1,517.63	-12,203.10	7,887.60	7,804.57	83.03	94.998		
10,400.00	6,840.00	6,881.00	6,880.19	124.14	1.99	-92.80	-1,517.64	-12,203.25	7,797.10	7,712.58	84.52	92.251		
10,500.00	6,840.00	6,876.00	6,875.19	126.65	1.99	-92.69	-1,517.64	-12,203.39	7,706.84	7,620.79	86.05	89.562		
10,600.00	6,840.00	6,871.00	6,870.19	129.18	1.99	-92.59	-1,517.64	-12,203.53	7,616.81	7,529.19	87.62	86.929		
10,700.00	6,840.00	6,866.00	6,865.19	131.70	1.99	-92.49	-1,517.65	-12,203.65	7,527.04	7,437.81	89.23	84.354		
10,800.00	6,840.00	6,861.00	6,860.19	134.24	1.99	-92.40	-1,517.65	-12,203.76	7,437.52	7,346.64	90.88	81.835		
10,900.00	6,840.00	6,856.00	6,855.19	136.79	1.99	-92.31	-1,517.65	-12,203.87	7,348.28	7,255.70	92.58	79.372		
11,000.00	6,840.00	6,851.00	6,850.19	139.34	1.99	-92.22	-1,517.66	-12,203.97	7,259.31	7,164.99	94.32	76.964		
11,100.00	6,840.00	6,846.00	6,845.19	141.90	1.99	-92.14	-1,517.66	-12,204.06	7,170.64	7,074.53	96.11	74.611		
11,200.00	6,840.00	6,841.00	6,840.19	144.46	1.99	-92.06	-1,517.66	-12,204.15	7,082.26	6,984.32	97.94	72.313		
11,300.00	6,840.00	6,836.00	6,835.19	147.03	1.99	-91.99	-1,517.66	-12,204.23	6,994.19	6,894.37	99.82	70.069		
11,400.00	6,840.00	6,831.00	6,830.19	149.60	1.99	-91.92	-1,517.66	-12,204.31	6,906.45	6,804.70	101.75	67.878		
11,500.00	6,840.00	6,826.00	6,825.19	152.18	1.99	-91.85	-1,517.66	-12,204.38	6,819.05	6,715.32	103.73	65.739		
11,600.00	6,840.00	6,821.00	6,820.19	154.77	1.99	-91.78	-1,517.67	-12,204.45	6,731.99	6,626.23	105.76	63.653		
11,700.00	6,840.00	6,816.00	6,815.19	157.36	1.99	-91.72	-1,517.67	-12,204.51	6,645.30	6,537.46	107.85	61.619		
11,800.00	6,840.00	6,811.00	6,810.19	159.95	1.99	-91.66	-1,517.67	-12,204.57	6,558.99	6,449.00	109.99	59.635		
11,900.00	6,840.00	6,806.00	6,805.19	162.55	1.99	-91.60	-1,517.67	-12,204.63	6,473.07	6,360.89	112.18	57.702		
12,000.00	6,840.00	6,801.00	6,800.19	165.16	1.99	-91.54	-1,517.67	-12,204.69	6,387.56	6,273.12	114.43	55.818		
12,100.00	6,840.00	6,796.00	6,795.19	167.76	1.99	-91.48	-1,517.67	-12,204.74	6,302.47	6,185.72	116.75	53.984		
12,200.00	6,840.00	6,791.00	6,790.19	170.37	1.99	-91.44	-1,517.67	-12,204.77	6,217.83	6,098.71	119.12	52.198		
12,300.00	6,840.00	6,786.00	6,785.19	172.99	1.99	-91.40	-1,517.67	-12,204.81	6,133.65	6,012.09	121.56	50.460		
12,400.00	6,840.00	6,781.00	6,780.19	175.60	1.98	-91.37	-1,517.67	-12,204.84	6,049.95	5,925.89	124.05	48.769		
12,500.00	6,840.00	6,776.00	6,775.19	178.23	1.98	-91.33	-1,517.68	-12,204.88	5,966.75	5,840.13	126.62	47.124		
12,600.00	6,840.00	6,771.00	6,770.19	180.85	1.98	-91.29	-1,517.68	-12,204.91	5,884.07	5,754.82	129.25	45.525		
12,700.00	6,840.00	6,766.00	6,765.19	183.47	1.98	-91.25	-1,517.68	-12,204.94	5,801.94	5,669.99	131.95	43.971		
12,800.00	6,840.00	6,761.00	6,760.19	186.10	1.98	-91.22	-1,517.68	-12,204.97	5,720.38	5,585.66	134.72	42.462		
12,900.00	6,840.00	6,756.00	6,755.19	188.74	1.98	-91.18	-1,517.68	-12,205.00	5,639.41	5,501.85	137.56	40.997		
13,000.00	6,840.00	6,751.00	6,750.19	191.37	1.98	-91.15	-1,517.68	-12,205.03	5,559.05	5,418.59	140.47	39.575		
13,100.00	6,840.00	6,746.00	6,745.19	194.01	1.98	-91.11	-1,517.68	-12,205.06	5,479.35	5,335.89	143.46	38.195		
13,200.00	6,840.00	6,741.00	6,740.19	196.65	1.98	-91.08	-1,517.68	-12,205.09	5,400.32	5,253.80	146.52	36.858		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,300.00	6,840.00	6,774.75	6,773.98	199.29	1.98	-91.05	-1,517.68	-12,205.12	5,322.00	5,172.34	149.66	35.561		
13,400.00	6,840.00	6,772.87	6,772.09	201.93	1.98	-91.02	-1,517.68	-12,205.15	5,244.41	5,091.53	152.87	34.305		
13,500.00	6,840.00	6,771.01	6,770.24	204.58	1.98	-90.98	-1,517.68	-12,205.17	5,167.59	5,011.42	156.17	33.089		
13,600.00	6,840.00	6,769.19	6,768.42	207.22	1.98	-90.95	-1,517.68	-12,205.20	5,091.57	4,932.03	159.55	31.913		
13,700.00	6,840.00	6,767.40	6,766.62	209.87	1.98	-90.92	-1,517.69	-12,205.22	5,016.40	4,853.40	163.00	30.775		
13,800.00	6,840.00	6,765.63	6,764.86	212.52	1.98	-90.89	-1,517.69	-12,205.25	4,942.11	4,775.57	166.54	29.675		
13,900.00	6,840.00	6,763.89	6,763.12	215.18	1.98	-90.86	-1,517.69	-12,205.27	4,868.74	4,698.58	170.16	28.613		
14,000.00	6,840.00	6,762.18	6,761.41	217.83	1.98	-90.83	-1,517.69	-12,205.29	4,796.32	4,622.46	173.86	27.587		
14,100.00	6,840.00	6,760.50	6,759.73	220.49	1.98	-90.80	-1,517.69	-12,205.32	4,724.92	4,547.28	177.64	26.598		
14,200.00	6,840.00	6,758.85	6,758.07	223.15	1.98	-90.77	-1,517.69	-12,205.34	4,654.57	4,473.06	181.50	25.644		
14,300.00	6,840.00	6,757.21	6,756.44	225.81	1.98	-90.75	-1,517.69	-12,205.36	4,585.32	4,399.87	185.45	24.726		
14,400.00	6,840.00	6,755.61	6,754.84	228.47	1.98	-90.72	-1,517.69	-12,205.38	4,517.22	4,327.75	189.47	23.842		
14,500.00	6,840.00	6,754.03	6,753.26	231.13	1.98	-90.69	-1,517.69	-12,205.40	4,450.32	4,256.76	193.56	22.992		
14,600.00	6,840.00	6,752.47	6,751.70	233.79	1.98	-90.67	-1,517.69	-12,205.42	4,384.69	4,186.95	197.73	22.175		
14,700.00	6,840.00	6,750.93	6,750.16	236.46	1.98	-90.64	-1,517.69	-12,205.44	4,320.37	4,118.39	201.98	21.391		
14,800.00	6,840.00	6,749.42	6,748.65	239.12	1.98	-90.61	-1,517.69	-12,205.46	4,257.43	4,051.14	206.28	20.639		
14,900.00	6,840.00	6,747.93	6,747.16	241.79	1.98	-90.59	-1,517.70	-12,205.48	4,195.93	3,985.27	210.66	19.918		
15,000.00	6,840.00	6,746.46	6,745.69	244.46	1.98	-90.56	-1,517.70	-12,205.50	4,135.93	3,920.84	215.09	19.229		
15,100.00	6,840.00	6,745.02	6,744.25	247.13	1.98	-90.54	-1,517.70	-12,205.52	4,077.50	3,857.93	219.57	18.571		
15,200.00	6,840.00	6,743.59	6,742.82	249.80	1.98	-90.51	-1,517.70	-12,205.53	4,020.71	3,796.61	224.09	17.942		
15,300.00	6,840.00	6,742.19	6,741.42	252.47	1.98	-90.49	-1,517.70	-12,205.55	3,965.62	3,736.97	228.66	17.343		
15,400.00	6,840.00	6,740.80	6,740.03	255.15	1.98	-90.46	-1,517.70	-12,205.57	3,912.32	3,679.07	233.25	16.773		
15,500.00	6,840.00	6,739.43	6,738.66	257.82	1.98	-90.44	-1,517.70	-12,205.59	3,860.87	3,623.02	237.86	16.232		
15,600.00	6,840.00	6,738.09	6,737.32	260.50	1.98	-90.42	-1,517.70	-12,205.60	3,811.35	3,568.88	242.48	15.719		
15,700.00	6,840.00	6,736.76	6,735.99	263.17	1.98	-90.40	-1,517.70	-12,205.62	3,763.84	3,516.75	247.09	15.233		
15,800.00	6,840.00	6,735.45	6,734.68	265.85	1.98	-90.37	-1,517.70	-12,205.63	3,718.41	3,466.72	251.69	14.774		
15,900.00	6,840.00	6,734.16	6,733.39	268.53	1.98	-90.35	-1,517.70	-12,205.65	3,675.14	3,418.89	256.25	14.342		
16,000.00	6,840.00	6,732.88	6,732.11	271.20	1.98	-90.33	-1,517.70	-12,205.66	3,634.10	3,373.33	260.77	13.936		
16,100.00	6,840.00	6,731.63	6,730.86	273.88	1.98	-90.31	-1,517.70	-12,205.68	3,595.38	3,330.15	265.23	13.556		
16,200.00	6,840.00	6,730.38	6,729.62	276.56	1.98	-90.29	-1,517.71	-12,205.69	3,559.05	3,289.44	269.61	13.201		
16,300.00	6,840.00	6,729.16	6,728.39	279.25	1.98	-90.26	-1,517.71	-12,205.71	3,525.18	3,251.28	273.90	12.870		
16,400.00	6,840.00	6,727.95	6,727.19	281.93	1.98	-90.24	-1,517.71	-12,205.72	3,493.84	3,215.77	278.07	12.564		
16,500.00	6,840.00	6,726.76	6,725.99	284.61	1.98	-90.22	-1,517.71	-12,205.73	3,465.11	3,182.99	282.12	12.282		
16,600.00	6,840.00	6,725.59	6,724.82	287.29	1.98	-90.20	-1,517.71	-12,205.75	3,439.05	3,153.03	286.01	12.024		
16,700.00	6,840.00	6,724.43	6,723.66	289.98	1.98	-90.18	-1,517.71	-12,205.76	3,415.71	3,125.97	289.74	11.789		
16,800.00	6,840.00	6,723.28	6,722.51	292.66	1.98	-90.16	-1,517.71	-12,205.77	3,395.16	3,101.87	293.29	11.576		
16,900.00	6,840.00	6,722.15	6,721.38	295.35	1.98	-90.14	-1,517.71	-12,205.78	3,377.45	3,080.81	296.64	11.386		
17,000.00	6,840.00	6,721.03	6,720.26	298.03	1.98	-90.12	-1,517.71	-12,205.80	3,362.62	3,062.85	299.77	11.217		
17,100.00	6,840.00	6,719.93	6,719.16	300.72	1.98	-90.11	-1,517.71	-12,205.81	3,350.71	3,048.04	302.67	11.070		
17,200.00	6,840.00	6,718.84	6,718.07	303.41	1.98	-90.09	-1,517.71	-12,205.82	3,341.75	3,036.42	305.33	10.945		
17,300.00	6,840.00	6,717.77	6,717.00	306.09	1.98	-90.07	-1,517.71	-12,205.83	3,335.76	3,028.03	307.73	10.840		
17,400.00	6,840.00	6,716.71	6,715.94	308.78	1.98	-90.05	-1,517.71	-12,205.84	3,332.77	3,022.89	309.88	10.755		
17,449.86	6,840.00	6,716.18	6,715.41	310.12	1.98	-90.04	-1,517.71	-12,205.85	3,332.40	3,021.55	310.84	10.721 CC		
17,500.00	6,840.00	6,715.66	6,714.89	311.47	1.98	-90.03	-1,517.72	-12,205.85	3,332.77	3,021.03	311.75	10.691 ES		
17,600.00	6,840.00	6,714.62	6,713.85	314.16	1.98	-90.01	-1,517.72	-12,205.87	3,335.78	3,022.44	313.34	10.646		
17,700.00	6,840.00	6,713.60	6,712.83	316.85	1.98	-90.00	-1,517.72	-12,205.88	3,341.77	3,027.11	314.66	10.620		
17,800.00	6,840.00	6,713.89	6,713.12	319.54	1.98	-90.00	-1,517.71	-12,205.88	3,350.74	3,035.04	315.69	10.614 SF		
17,900.00	6,840.00	6,712.82	6,712.05	322.23	1.98	-89.98	-1,517.72	-12,205.89	3,362.66	3,046.20	316.45	10.626		
18,000.00	6,840.00	6,711.77	6,711.00	324.92	1.98	-89.97	-1,517.72	-12,205.90	3,377.50	3,060.56	316.94	10.657		
18,100.00	6,840.00	6,710.71	6,709.95	327.62	1.98	-89.95	-1,517.72	-12,205.91	3,395.22	3,078.06	317.16	10.705		
18,200.00	6,840.00	6,709.67	6,708.90	330.31	1.98	-89.93	-1,517.72	-12,205.92	3,415.77	3,098.66	317.11	10.771		
18,300.00	6,840.00	6,708.63	6,707.87	333.00	1.98	-89.91	-1,517.72	-12,205.93	3,439.12	3,122.30	316.82	10.855		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
18,400.00	6,840.00	6,707.60	6,706.83	335.70	1.98	-89.89	-1,517.72	-12,205.94	3,465.19	3,148.90	316.29	10.956		
18,500.00	6,840.00	6,706.58	6,705.81	338.39	1.98	-89.88	-1,517.72	-12,205.95	3,493.93	3,178.40	315.53	11.073		
18,600.00	6,840.00	6,705.56	6,704.79	341.08	1.98	-89.86	-1,517.72	-12,205.96	3,525.27	3,210.72	314.55	11.207		
18,700.00	6,840.00	6,704.54	6,703.78	343.78	1.98	-89.84	-1,517.72	-12,205.97	3,559.15	3,245.78	313.38	11.357		
18,800.00	6,840.00	6,703.54	6,702.77	346.47	1.98	-89.82	-1,517.72	-12,205.98	3,595.49	3,283.48	312.01	11.524		
18,900.00	6,840.00	6,702.54	6,701.77	349.17	1.98	-89.81	-1,517.72	-12,205.99	3,634.22	3,323.74	310.48	11.705		
19,000.00	6,840.00	6,701.54	6,700.78	351.86	1.98	-89.79	-1,517.73	-12,206.00	3,675.26	3,366.48	308.79	11.902		
19,100.00	6,840.00	6,700.55	6,699.79	354.56	1.98	-89.77	-1,517.73	-12,206.01	3,718.54	3,411.59	306.95	12.114		
19,200.00	6,840.00	6,699.57	6,698.80	357.26	1.98	-89.76	-1,517.73	-12,206.02	3,763.98	3,458.99	304.99	12.341		
19,300.00	6,840.00	6,698.59	6,697.83	359.95	1.98	-89.74	-1,517.73	-12,206.03	3,811.50	3,508.59	302.91	12.583		
19,400.00	6,840.00	6,697.62	6,696.86	362.65	1.98	-89.72	-1,517.73	-12,206.04	3,861.03	3,560.29	300.73	12.839		
19,500.00	6,840.00	6,696.66	6,695.89	365.35	1.98	-89.71	-1,517.73	-12,206.04	3,912.48	3,614.01	298.47	13.108		
19,600.00	6,840.00	6,695.70	6,694.93	368.05	1.98	-89.69	-1,517.73	-12,206.05	3,965.79	3,669.66	296.13	13.392		
19,700.00	6,840.00	6,694.74	6,693.98	370.74	1.98	-89.67	-1,517.73	-12,206.06	4,020.88	3,727.16	293.72	13.689		
19,800.00	6,840.00	6,693.80	6,693.03	373.44	1.98	-89.66	-1,517.73	-12,206.07	4,077.68	3,786.41	291.27	14.000		
19,900.00	6,840.00	6,692.85	6,692.09	376.14	1.98	-89.64	-1,517.73	-12,206.08	4,136.12	3,847.35	288.77	14.323		
20,000.00	6,840.00	6,691.92	6,691.15	378.84	1.98	-89.62	-1,517.73	-12,206.09	4,196.12	3,909.89	286.23	14.660		
20,100.00	6,840.00	6,690.98	6,690.22	381.54	1.98	-89.61	-1,517.73	-12,206.10	4,257.63	3,973.96	283.68	15.009		
20,200.00	6,840.00	6,690.06	6,689.29	384.24	1.98	-89.59	-1,517.73	-12,206.11	4,320.58	4,039.48	281.10	15.370		
20,300.00	6,840.00	6,689.14	6,688.37	386.94	1.98	-89.58	-1,517.73	-12,206.12	4,384.90	4,106.39	278.52	15.744		
20,400.00	6,840.00	6,688.22	6,687.45	389.64	1.97	-89.56	-1,517.73	-12,206.12	4,450.55	4,174.62	275.93	16.129		
20,500.00	6,840.00	6,687.31	6,686.54	392.34	1.97	-89.55	-1,517.73	-12,206.13	4,517.45	4,244.10	273.34	16.527		
20,600.00	6,840.00	6,686.40	6,685.64	395.04	1.97	-89.53	-1,517.73	-12,206.14	4,585.55	4,314.79	270.76	16.936		
20,609.76	6,840.00	6,686.32	6,685.55	395.31	1.97	-89.53	-1,517.73	-12,206.14	4,592.26	4,321.75	270.51	16.976		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,700.00	6,840.00	6,841.61	6,840.34	83.54	1.78	99.92	2,456.59	-13,391.37	9,973.72	9,931.63	42.09	236.964		
8,800.00	6,840.00	6,840.81	6,839.54	85.76	1.78	99.85	2,456.59	-13,391.38	9,873.93	9,831.95	41.98	235.204		
8,900.00	6,840.00	6,840.01	6,838.73	88.02	1.78	99.78	2,456.59	-13,391.39	9,774.15	9,732.28	41.87	233.440		
9,000.00	6,840.00	6,839.20	6,837.93	90.30	1.78	99.71	2,456.59	-13,391.40	9,674.37	9,632.61	41.76	231.674		
9,100.00	6,840.00	6,838.38	6,837.11	92.60	1.78	99.64	2,456.59	-13,391.41	9,574.60	9,532.95	41.65	229.904		
9,200.00	6,840.00	6,837.57	6,836.29	94.93	1.78	99.57	2,456.59	-13,391.41	9,474.83	9,433.29	41.53	228.131		
9,300.00	6,840.00	6,836.74	6,835.47	97.28	1.78	99.49	2,456.59	-13,391.42	9,375.06	9,333.64	41.42	226.355		
9,400.00	6,840.00	6,835.91	6,834.64	99.65	1.78	99.42	2,456.59	-13,391.43	9,275.30	9,234.00	41.30	224.575		
9,500.00	6,840.00	6,835.08	6,833.81	102.03	1.78	99.35	2,456.59	-13,391.44	9,175.55	9,134.36	41.18	222.791		
9,600.00	6,840.00	6,834.24	6,832.97	104.43	1.78	99.27	2,456.59	-13,391.45	9,075.80	9,034.73	41.07	221.004		
9,700.00	6,840.00	6,833.40	6,832.13	106.85	1.78	99.20	2,456.59	-13,391.46	8,976.05	8,935.11	40.95	219.212		
9,800.00	6,840.00	6,832.55	6,831.28	109.29	1.78	99.13	2,456.59	-13,391.47	8,876.31	8,835.49	40.83	217.416		
9,900.00	6,840.00	6,831.70	6,830.43	111.73	1.78	99.05	2,456.59	-13,391.48	8,776.58	8,735.88	40.70	215.616		
10,000.00	6,840.00	6,830.84	6,829.57	114.19	1.78	98.98	2,456.59	-13,391.49	8,676.85	8,636.27	40.58	213.811		
10,100.00	6,840.00	6,829.98	6,828.71	116.66	1.78	98.90	2,456.59	-13,391.50	8,577.13	8,536.68	40.46	212.001		
10,200.00	6,840.00	6,829.11	6,827.84	119.15	1.78	98.82	2,456.59	-13,391.51	8,477.42	8,437.09	40.33	210.186		
10,300.00	6,840.00	6,828.24	6,826.97	121.64	1.78	98.75	2,456.58	-13,391.52	8,377.71	8,337.50	40.21	208.365		
10,400.00	6,840.00	6,827.36	6,826.09	124.14	1.78	98.67	2,456.58	-13,391.53	8,278.01	8,237.93	40.08	206.538		
10,500.00	6,840.00	6,826.47	6,825.20	126.65	1.78	98.59	2,456.58	-13,391.54	8,178.32	8,138.37	39.95	204.704		
10,600.00	6,840.00	6,825.58	6,824.31	129.18	1.78	98.51	2,456.58	-13,391.55	8,078.63	8,038.81	39.82	202.864		
10,700.00	6,840.00	6,824.69	6,823.42	131.70	1.78	98.44	2,456.58	-13,391.56	7,978.95	7,939.26	39.69	201.017		
10,800.00	6,840.00	6,823.79	6,822.52	134.24	1.78	98.36	2,456.58	-13,391.58	7,879.28	7,839.72	39.56	199.161		
10,900.00	6,840.00	6,822.88	6,821.61	136.79	1.78	98.28	2,456.58	-13,391.59	7,779.62	7,740.19	39.43	197.297		
11,000.00	6,840.00	6,821.97	6,820.70	139.34	1.78	98.20	2,456.58	-13,391.60	7,679.97	7,640.67	39.30	195.424		
11,100.00	6,840.00	6,821.05	6,819.78	141.90	1.78	98.11	2,456.58	-13,391.61	7,580.33	7,541.16	39.17	193.542		
11,200.00	6,840.00	6,820.13	6,818.86	144.46	1.78	98.03	2,456.58	-13,391.62	7,480.69	7,441.66	39.03	191.649		
11,300.00	6,840.00	6,819.20	6,817.93	147.03	1.78	97.95	2,456.58	-13,391.63	7,381.07	7,342.17	38.90	189.745		
11,400.00	6,840.00	6,818.27	6,817.00	149.60	1.78	97.87	2,456.58	-13,391.64	7,281.45	7,242.68	38.77	187.828		
11,500.00	6,840.00	6,817.33	6,816.06	152.18	1.78	97.79	2,456.58	-13,391.65	7,181.85	7,143.21	38.63	185.899		
11,600.00	6,840.00	6,816.38	6,815.11	154.77	1.78	97.70	2,456.58	-13,391.66	7,082.25	7,043.75	38.50	183.955		
11,700.00	6,840.00	6,815.43	6,814.16	157.36	1.78	97.62	2,456.58	-13,391.68	6,982.67	6,944.30	38.37	181.996		
11,800.00	6,840.00	6,814.47	6,813.20	159.95	1.78	97.53	2,456.58	-13,391.69	6,883.10	6,844.87	38.24	180.020		
11,900.00	6,840.00	6,813.50	6,812.23	162.55	1.78	97.45	2,456.58	-13,391.70	6,783.54	6,745.44	38.10	178.027		
12,000.00	6,840.00	6,812.53	6,811.26	165.16	1.78	97.36	2,456.58	-13,391.71	6,684.00	6,646.02	37.97	176.014		
12,100.00	6,840.00	6,811.56	6,810.29	167.76	1.78	97.28	2,456.58	-13,391.72	6,584.47	6,546.62	37.85	173.979		
12,200.00	6,840.00	6,810.62	6,809.35	170.37	1.78	97.19	2,456.58	-13,391.73	6,484.95	6,447.24	37.71	171.986		
12,300.00	6,840.00	6,809.69	6,808.42	172.99	1.78	97.10	2,456.58	-13,391.74	6,385.45	6,347.86	37.58	169.999		
12,400.00	6,840.00	6,808.76	6,807.49	175.60	1.78	97.02	2,456.58	-13,391.75	6,285.96	6,248.50	37.46	167.785		
12,500.00	6,840.00	6,807.83	6,806.56	178.23	1.78	96.93	2,456.58	-13,391.76	6,186.49	6,149.14	37.35	165.642		
12,600.00	6,840.00	6,806.90	6,805.63	180.85	1.78	96.85	2,456.58	-13,391.77	6,087.04	6,049.80	37.24	163.467		
12,700.00	6,840.00	6,805.97	6,804.70	183.47	1.78	96.76	2,456.58	-13,391.78	5,987.61	5,950.48	37.13	161.257		
12,800.00	6,840.00	6,805.04	6,803.77	186.10	1.78	96.67	2,456.58	-13,391.79	5,888.19	5,851.16	37.03	159.011		
12,900.00	6,840.00	6,804.11	6,802.84	188.74	1.78	96.58	2,456.58	-13,391.80	5,788.80	5,751.86	36.94	156.725		
13,000.00	6,840.00	6,803.18	6,801.91	191.37	1.78	96.49	2,456.58	-13,391.81	5,689.42	5,652.57	36.85	154.395		
13,100.00	6,840.00	6,802.25	6,800.98	194.01	1.78	96.40	2,456.57	-13,391.82	5,590.07	5,553.30	36.77	152.019		
13,200.00	6,840.00	6,801.32	6,799.05	196.65	1.78	96.30	2,456.57	-13,391.83	5,490.74	5,454.04	36.70	149.593		
13,300.00	6,840.00	6,799.39	6,797.12	199.29	1.78	96.21	2,456.57	-13,391.84	5,391.44	5,354.79	36.65	147.112		
13,400.00	6,840.00	6,797.46	6,795.19	201.93	1.78	96.12	2,456.57	-13,391.85	5,292.16	5,255.55	36.61	144.574		
13,500.00	6,840.00	6,795.53	6,793.26	204.58	1.78	96.03	2,456.57	-13,391.86	5,192.90	5,156.33	36.58	141.973		
13,600.00	6,840.00	6,793.60	6,791.33	207.22	1.78	95.94	2,456.57	-13,391.87	5,093.68	5,057.12	36.56	139.306		
13,700.00	6,840.00	6,791.67	6,789.40	209.87	1.78	95.85	2,456.57	-13,391.88	4,994.49	4,957.92	36.57	136.568		
13,800.00	6,840.00	6,789.74	6,787.47	212.52	1.78	95.76	2,456.57	-13,391.89	4,895.33	4,858.73	36.60	133.755		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,900.00	6,840.00	6,790.85	6,789.59	215.18	1.78	95.44	2,456.57	-13,391.99	4,796.21	4,759.55	36.65	130.862		
14,000.00	6,840.00	6,789.49	6,788.22	217.83	1.78	95.31	2,456.57	-13,392.01	4,697.12	4,660.39	36.73	127.886		
14,100.00	6,840.00	6,788.13	6,786.86	220.49	1.78	95.19	2,456.57	-13,392.02	4,598.07	4,561.23	36.84	124.823		
14,200.00	6,840.00	6,786.77	6,785.50	223.15	1.78	95.07	2,456.57	-13,392.04	4,499.06	4,462.08	36.98	121.668		
14,300.00	6,840.00	6,785.42	6,784.15	225.81	1.78	94.95	2,456.57	-13,392.06	4,400.10	4,362.94	37.16	118.420		
14,400.00	6,840.00	6,784.07	6,782.80	228.47	1.78	94.83	2,456.57	-13,392.07	4,301.18	4,263.81	37.38	115.076		
14,500.00	6,840.00	6,782.72	6,781.46	231.13	1.78	94.71	2,456.57	-13,392.09	4,202.32	4,164.67	37.64	111.634		
14,600.00	6,840.00	6,781.38	6,780.11	233.79	1.78	94.59	2,456.57	-13,392.11	4,103.51	4,065.55	37.96	108.096		
14,700.00	6,840.00	6,780.04	6,778.77	236.46	1.78	94.47	2,456.57	-13,392.13	4,004.76	3,966.42	38.34	104.461		
14,800.00	6,840.00	6,778.71	6,777.44	239.12	1.78	94.35	2,456.57	-13,392.14	3,906.07	3,867.29	38.78	100.733		
14,900.00	6,840.00	6,777.37	6,776.11	241.79	1.78	94.23	2,456.57	-13,392.16	3,807.45	3,768.16	39.29	96.916		
15,000.00	6,840.00	6,776.05	6,774.78	244.46	1.78	94.11	2,456.57	-13,392.18	3,708.90	3,669.03	39.87	93.016		
15,100.00	6,840.00	6,774.72	6,773.45	247.13	1.78	93.99	2,456.57	-13,392.19	3,610.43	3,569.89	40.55	89.042		
15,200.00	6,840.00	6,773.40	6,772.13	249.80	1.78	93.88	2,456.57	-13,392.21	3,512.05	3,470.74	41.32	85.005		
15,300.00	6,840.00	6,772.08	6,770.82	252.47	1.78	93.76	2,456.56	-13,392.23	3,413.77	3,371.58	42.19	80.915		
15,400.00	6,840.00	6,770.77	6,769.50	255.15	1.78	93.64	2,456.56	-13,392.24	3,315.58	3,272.40	43.18	76.788		
15,500.00	6,840.00	6,769.46	6,768.19	257.82	1.78	93.52	2,456.56	-13,392.26	3,217.51	3,173.21	44.29	72.640		
15,600.00	6,840.00	6,768.15	6,766.88	260.50	1.78	93.41	2,456.56	-13,392.28	3,119.55	3,074.00	45.55	68.488		
15,700.00	6,840.00	6,766.84	6,765.58	263.17	1.78	93.29	2,456.56	-13,392.29	3,021.74	2,974.78	46.96	64.350		
15,800.00	6,840.00	6,765.54	6,764.28	265.85	1.78	93.17	2,456.56	-13,392.31	2,924.06	2,875.53	48.54	60.246		
15,900.00	6,840.00	6,764.25	6,762.98	268.53	1.78	93.06	2,456.56	-13,392.32	2,826.55	2,776.26	50.30	56.196		
16,000.00	6,840.00	6,762.95	6,761.69	271.20	1.78	92.94	2,456.56	-13,392.34	2,729.22	2,676.96	52.27	52.219		
16,100.00	6,840.00	6,761.66	6,760.40	273.88	1.78	92.82	2,456.56	-13,392.36	2,632.09	2,577.63	54.46	48.332		
16,200.00	6,840.00	6,760.37	6,759.11	276.56	1.78	92.71	2,456.56	-13,392.37	2,535.19	2,478.29	56.90	44.555		
16,300.00	6,840.00	6,759.09	6,757.82	279.25	1.78	92.59	2,456.56	-13,392.39	2,438.53	2,378.91	59.62	40.903		
16,400.00	6,840.00	6,757.81	6,756.54	281.93	1.78	92.48	2,456.56	-13,392.40	2,342.15	2,279.51	62.64	37.390		
16,500.00	6,840.00	6,756.53	6,755.27	284.61	1.78	92.36	2,456.56	-13,392.42	2,246.08	2,180.08	66.01	34.029		
16,600.00	6,840.00	6,755.26	6,753.99	287.29	1.78	92.25	2,456.56	-13,392.44	2,150.38	2,080.63	69.75	30.830		
16,700.00	6,840.00	6,753.99	6,752.72	289.98	1.78	92.13	2,456.56	-13,392.45	2,055.08	1,981.16	73.92	27.801		
16,800.00	6,840.00	6,752.72	6,751.45	292.66	1.78	92.02	2,456.55	-13,392.47	1,960.25	1,881.68	78.57	24.948		
16,900.00	6,840.00	6,751.46	6,750.19	295.35	1.78	91.91	2,456.55	-13,392.48	1,865.96	1,782.19	83.77	22.275		
17,000.00	6,840.00	6,750.19	6,748.93	298.03	1.78	91.79	2,456.55	-13,392.50	1,772.30	1,682.72	89.58	19.784		
17,100.00	6,840.00	6,748.94	6,747.67	300.72	1.78	91.68	2,456.55	-13,392.51	1,679.37	1,583.27	96.10	17.475		
17,200.00	6,840.00	6,747.68	6,746.42	303.41	1.78	91.57	2,456.55	-13,392.53	1,587.29	1,483.87	103.42	15.348		
17,300.00	6,840.00	6,746.43	6,745.17	306.09	1.78	91.45	2,456.55	-13,392.54	1,496.23	1,384.56	111.67	13.399		
17,400.00	6,840.00	6,745.18	6,743.92	308.78	1.78	91.34	2,456.55	-13,392.56	1,406.38	1,285.41	120.98	11.625		
17,500.00	6,840.00	6,743.94	6,742.67	311.47	1.78	91.23	2,456.55	-13,392.58	1,318.00	1,186.48	131.52	10.022		
17,600.00	6,840.00	6,742.70	6,741.43	314.16	1.78	91.12	2,456.55	-13,392.59	1,231.39	1,087.93	143.46	8.583		
17,700.00	6,840.00	6,741.46	6,740.19	316.85	1.78	91.01	2,456.55	-13,392.61	1,146.97	989.94	157.03	7.304		
17,800.00	6,840.00	6,740.22	6,738.96	319.54	1.78	90.90	2,456.55	-13,392.62	1,065.24	892.81	172.42	6.178		
17,900.00	6,840.00	6,738.99	6,737.72	322.23	1.78	90.79	2,456.55	-13,392.64	986.88	797.04	189.84	5.198		
18,000.00	6,840.00	6,737.76	6,736.50	324.92	1.78	90.67	2,456.55	-13,392.65	912.76	703.35	209.41	4.359		
18,100.00	6,840.00	6,736.53	6,735.27	327.62	1.78	90.56	2,456.55	-13,392.67	843.99	612.90	231.08	3.652		
18,200.00	6,840.00	6,735.31	6,734.05	330.31	1.78	90.45	2,456.54	-13,392.68	781.99	527.47	254.52	3.072		
18,300.00	6,840.00	6,734.09	6,732.83	333.00	1.78	90.34	2,456.54	-13,392.69	728.48	449.65	278.84	2.613		
18,400.00	6,840.00	6,732.87	6,731.61	335.70	1.78	90.23	2,456.54	-13,392.71	685.47	383.01	302.46	2.266		
18,500.00	6,840.00	6,731.66	6,730.40	338.39	1.78	90.13	2,456.54	-13,392.72	655.02	331.93	323.09	2.027		
18,600.00	6,840.00	6,730.45	6,729.19	341.08	1.78	90.02	2,456.54	-13,392.74	638.93	300.81	338.11	1.890		
18,654.13	6,840.00	6,729.80	6,728.53	342.54	1.78	89.96	2,456.54	-13,392.75	636.63	293.49	343.14	1.855 CC		
18,700.00	6,840.00	6,729.24	6,727.98	343.78	1.78	89.91	2,456.54	-13,392.75	638.28	292.78	345.50	1.847 ES, SF		
18,800.00	6,840.00	6,728.04	6,726.77	346.47	1.78	89.80	2,456.54	-13,392.77	653.12	308.45	344.67	1.895		
18,900.00	6,840.00	6,726.84	6,725.57	349.17	1.78	89.69	2,456.54	-13,392.78	682.45	345.74	336.71	2.027		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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)					
19,000.00	6,840.00	6,725.64	6,724.37	351.86	1.78	89.58	2,456.54	-13,392.80	724.50	400.77	323.74	2.238	
19,100.00	6,840.00	6,724.44	6,723.18	354.56	1.78	89.48	2,456.54	-13,392.81	777.22	469.22	307.99	2.523	
19,200.00	6,840.00	6,723.25	6,721.99	357.26	1.78	89.37	2,456.54	-13,392.83	838.58	547.29	291.30	2.879	
19,300.00	6,840.00	6,722.06	6,720.80	359.95	1.78	89.26	2,456.54	-13,392.84	906.85	632.01	274.84	3.300	
19,400.00	6,840.00	6,720.87	6,719.61	362.65	1.78	89.15	2,456.53	-13,392.85	980.58	721.28	259.30	3.782	
19,500.00	6,840.00	6,719.69	6,718.43	365.35	1.78	89.05	2,456.53	-13,392.87	1,058.62	813.65	244.98	4.321	
19,600.00	6,840.00	6,718.51	6,717.24	368.05	1.78	88.94	2,456.53	-13,392.88	1,140.10	908.13	231.97	4.915	
19,700.00	6,840.00	6,717.33	6,716.07	370.74	1.78	88.84	2,456.53	-13,392.90	1,224.33	1,004.09	220.24	5.559	
19,800.00	6,840.00	6,716.15	6,714.89	373.44	1.78	88.73	2,456.53	-13,392.91	1,310.77	1,101.07	209.70	6.251	
19,900.00	6,840.00	6,714.98	6,713.72	376.14	1.78	88.63	2,456.53	-13,392.92	1,399.02	1,198.78	200.24	6.987	
20,000.00	6,840.00	6,713.81	6,712.55	378.84	1.78	88.52	2,456.53	-13,392.94	1,488.76	1,297.02	191.73	7.765	
20,100.00	6,840.00	6,712.65	6,711.38	381.54	1.78	88.42	2,456.53	-13,392.95	1,579.72	1,395.64	184.08	8.582	
20,200.00	6,840.00	6,711.48	6,710.22	384.24	1.78	88.31	2,456.53	-13,392.96	1,671.72	1,494.55	177.17	9.435	
20,300.00	6,840.00	6,710.32	6,709.06	386.94	1.78	88.21	2,456.53	-13,392.98	1,764.59	1,593.67	170.93	10.324	
20,400.00	6,840.00	6,709.29	6,708.03	389.64	1.78	88.11	2,456.53	-13,392.99	1,858.20	1,692.95	165.26	11.244	
20,500.00	6,840.00	6,708.13	6,706.87	392.34	1.78	88.01	2,456.53	-13,393.00	1,952.44	1,792.35	160.10	12.195	
20,600.00	6,840.00	6,706.97	6,705.71	395.04	1.78	87.90	2,456.52	-13,393.02	2,047.23	1,891.85	155.39	13.175	
20,609.76	6,840.00	6,706.86	6,705.59	395.31	1.78	87.89	2,456.52	-13,393.02	2,056.51	1,901.56	154.95	13.272	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,900.00	6,840.00	6,700.00	6,698.39	88.02	1.80	-89.09	-418.32	-13,344.09	9,947.98	9,889.98	58.00	171.521		
9,000.00	6,840.00	6,700.00	6,698.39	90.30	1.80	-89.09	-418.32	-13,344.09	9,850.57	9,791.95	58.61	168.056		
9,100.00	6,840.00	6,700.00	6,698.39	92.60	1.80	-89.09	-418.32	-13,344.09	9,753.21	9,693.96	59.25	164.620		
9,200.00	6,840.00	6,700.00	6,698.39	94.93	1.80	-89.09	-418.32	-13,344.09	9,655.91	9,596.01	59.90	161.213		
9,300.00	6,840.00	6,700.00	6,698.39	97.28	1.80	-89.09	-418.32	-13,344.09	9,558.66	9,498.10	60.56	157.836		
9,400.00	6,840.00	6,700.00	6,698.39	99.65	1.80	-89.09	-418.32	-13,344.09	9,461.47	9,400.22	61.24	154.490		
9,500.00	6,840.00	6,700.00	6,698.39	102.03	1.80	-89.09	-418.32	-13,344.09	9,364.34	9,302.39	61.94	151.175		
9,600.00	6,840.00	6,700.00	6,698.39	104.43	1.80	-89.09	-418.32	-13,344.09	9,267.26	9,204.60	62.66	147.892		
9,700.00	6,840.00	6,700.00	6,698.39	106.85	1.80	-89.09	-418.32	-13,344.09	9,170.26	9,106.86	63.40	144.641		
9,800.00	6,840.00	6,700.00	6,698.39	109.29	1.80	-89.09	-418.32	-13,344.09	9,073.31	9,009.16	64.16	141.424		
9,900.00	6,840.00	6,700.00	6,698.39	111.73	1.80	-89.09	-418.32	-13,344.09	8,976.44	8,911.51	64.93	138.240		
10,000.00	6,840.00	6,700.00	6,698.39	114.19	1.80	-89.09	-418.32	-13,344.09	8,879.63	8,813.90	65.73	135.091		
10,100.00	6,840.00	6,700.00	6,698.39	116.66	1.80	-89.09	-418.32	-13,344.09	8,782.90	8,716.35	66.55	131.976		
10,200.00	6,840.00	6,700.00	6,698.39	119.15	1.80	-89.09	-418.32	-13,344.09	8,686.24	8,618.85	67.39	128.896		
10,300.00	6,840.00	6,700.00	6,698.39	121.64	1.80	-89.09	-418.32	-13,344.09	8,589.65	8,521.40	68.25	125.852		
10,400.00	6,840.00	6,700.00	6,698.39	124.14	1.80	-89.09	-418.32	-13,344.09	8,493.15	8,424.01	69.14	122.844		
10,500.00	6,840.00	6,700.00	6,698.39	126.65	1.80	-89.09	-418.32	-13,344.09	8,396.72	8,326.68	70.05	119.872		
10,600.00	6,840.00	6,700.00	6,698.39	129.18	1.80	-89.09	-418.32	-13,344.09	8,300.39	8,229.40	70.98	116.938		
10,700.00	6,840.00	6,700.00	6,698.39	131.70	1.80	-89.09	-418.32	-13,344.09	8,204.13	8,132.19	71.94	114.040		
10,800.00	6,840.00	6,700.00	6,698.39	134.24	1.80	-89.09	-418.32	-13,344.09	8,107.97	8,035.05	72.93	111.180		
10,900.00	6,840.00	6,700.00	6,698.39	136.79	1.80	-89.09	-418.32	-13,344.09	8,011.91	7,937.97	73.94	108.359		
11,000.00	6,840.00	6,700.00	6,698.39	139.34	1.80	-89.09	-418.32	-13,344.09	7,915.94	7,840.96	74.98	105.575		
11,100.00	6,840.00	6,700.00	6,698.39	141.90	1.80	-89.09	-418.32	-13,344.09	7,820.07	7,744.02	76.05	102.830		
11,200.00	6,840.00	6,700.00	6,698.39	144.46	1.80	-89.09	-418.32	-13,344.09	7,724.31	7,647.16	77.15	100.124		
11,300.00	6,840.00	6,700.00	6,698.39	147.03	1.80	-89.09	-418.32	-13,344.09	7,628.65	7,550.37	78.28	97.457		
11,400.00	6,840.00	6,700.00	6,698.39	149.60	1.80	-89.09	-418.32	-13,344.09	7,533.11	7,453.67	79.44	94.829		
11,500.00	6,840.00	6,700.00	6,698.39	152.18	1.80	-89.09	-418.32	-13,344.09	7,437.69	7,357.05	80.63	92.241		
11,600.00	6,840.00	6,700.00	6,698.39	154.77	1.80	-89.09	-418.32	-13,344.09	7,342.38	7,260.52	81.86	89.693		
11,700.00	6,840.00	6,700.00	6,698.39	157.36	1.80	-89.09	-418.32	-13,344.09	7,247.21	7,164.08	83.13	87.184		
11,800.00	6,840.00	6,700.00	6,698.39	159.95	1.80	-89.09	-418.32	-13,344.09	7,152.16	7,067.74	84.43	84.716		
11,900.00	6,840.00	6,700.00	6,698.39	162.55	1.80	-89.09	-418.32	-13,344.09	7,057.25	6,971.49	85.76	82.287		
12,000.00	6,840.00	6,700.00	6,698.39	165.16	1.80	-89.09	-418.32	-13,344.09	6,962.49	6,875.35	87.14	79.900		
12,100.00	6,840.00	6,700.00	6,698.39	167.76	1.80	-89.09	-418.32	-13,344.09	6,867.87	6,779.31	88.56	77.552		
12,200.00	6,840.00	6,700.00	6,698.39	170.37	1.80	-89.09	-418.32	-13,344.09	6,773.41	6,683.39	90.02	75.245		
12,300.00	6,840.00	6,700.00	6,698.39	172.99	1.80	-89.09	-418.32	-13,344.09	6,679.11	6,587.59	91.52	72.979		
12,400.00	6,840.00	6,700.00	6,698.39	175.60	1.80	-89.09	-418.32	-13,344.09	6,584.98	6,491.91	93.07	70.753		
12,500.00	6,840.00	6,682.43	6,680.84	178.23	1.80	-88.64	-417.53	-13,344.21	6,490.98	6,396.32	94.66	68.572		
12,600.00	6,840.00	6,682.02	6,680.43	180.85	1.80	-88.63	-417.51	-13,344.21	6,397.20	6,300.90	96.30	66.428		
12,700.00	6,840.00	6,681.61	6,680.02	183.47	1.80	-88.62	-417.50	-13,344.21	6,303.62	6,205.62	98.00	64.325		
12,800.00	6,840.00	6,681.18	6,679.60	186.10	1.80	-88.61	-417.48	-13,344.21	6,210.23	6,110.49	99.74	62.262		
12,900.00	6,840.00	6,680.76	6,679.17	188.74	1.80	-88.60	-417.46	-13,344.22	6,117.06	6,015.51	101.54	60.240		
13,000.00	6,840.00	6,680.33	6,678.74	191.37	1.80	-88.58	-417.44	-13,344.22	6,024.10	5,920.70	103.40	58.259		
13,100.00	6,840.00	6,679.89	6,678.30	194.01	1.80	-88.57	-417.42	-13,344.22	5,931.37	5,826.05	105.32	56.318		
13,200.00	6,840.00	6,679.45	6,677.86	196.65	1.80	-88.56	-417.40	-13,344.23	5,838.88	5,731.59	107.30	54.418		
13,300.00	6,840.00	6,679.00	6,677.42	199.29	1.80	-88.55	-417.38	-13,344.23	5,746.65	5,637.31	109.34	52.558		
13,400.00	6,840.00	6,678.55	6,676.96	201.93	1.80	-88.54	-417.36	-13,344.23	5,654.67	5,543.23	111.45	50.739		
13,500.00	6,840.00	6,678.09	6,676.51	204.58	1.80	-88.53	-417.34	-13,344.24	5,562.98	5,449.35	113.62	48.960		
13,600.00	6,840.00	6,677.63	6,676.04	207.22	1.80	-88.52	-417.32	-13,344.24	5,471.57	5,355.70	115.87	47.221		
13,700.00	6,840.00	6,677.16	6,675.58	209.87	1.80	-88.50	-417.30	-13,344.25	5,380.47	5,262.28	118.20	45.522		
13,800.00	6,840.00	6,676.69	6,675.10	212.52	1.80	-88.49	-417.28	-13,344.25	5,289.70	5,169.10	120.60	43.863		
13,900.00	6,840.00	6,676.20	6,674.62	215.18	1.80	-88.48	-417.26	-13,344.25	5,199.26	5,076.18	123.08	42.243		
14,000.00	6,840.00	6,675.72	6,674.13	217.83	1.80	-88.47	-417.24	-13,344.26	5,109.17	4,983.53	125.65	40.663		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
14,100.00	6,840.00	6,675.23	6,673.64	220.49	1.80	-88.45	-417.22	-13,344.26	5,019.47	4,891.17	128.30	39.123		
14,200.00	6,840.00	6,674.73	6,673.14	223.15	1.80	-88.44	-417.19	-13,344.26	4,930.15	4,799.11	131.05	37.621		
14,300.00	6,840.00	6,674.22	6,672.64	225.81	1.80	-88.43	-417.17	-13,344.27	4,841.26	4,707.37	133.89	36.159		
14,400.00	6,840.00	6,673.71	6,672.13	228.47	1.80	-88.42	-417.15	-13,344.27	4,752.81	4,615.98	136.83	34.736		
14,500.00	6,840.00	6,673.19	6,671.61	231.13	1.80	-88.40	-417.13	-13,344.28	4,664.82	4,524.95	139.87	33.351		
14,600.00	6,840.00	6,672.67	6,671.09	233.79	1.80	-88.39	-417.10	-13,344.28	4,577.33	4,434.31	143.02	32.004		
14,700.00	6,840.00	6,672.13	6,670.55	236.46	1.80	-88.38	-417.08	-13,344.29	4,490.36	4,344.08	146.28	30.696		
14,800.00	6,840.00	6,671.60	6,670.02	239.12	1.80	-88.36	-417.06	-13,344.29	4,403.94	4,254.28	149.66	29.426		
14,900.00	6,840.00	6,671.05	6,669.47	241.79	1.80	-88.35	-417.03	-13,344.30	4,318.11	4,164.95	153.16	28.193		
15,000.00	6,840.00	6,670.50	6,668.92	244.46	1.80	-88.33	-417.01	-13,344.30	4,232.90	4,076.12	156.78	26.998		
15,100.00	6,840.00	6,669.94	6,668.36	247.13	1.80	-88.32	-416.99	-13,344.30	4,148.35	3,987.82	160.54	25.841		
15,200.00	6,840.00	6,669.37	6,667.79	249.80	1.80	-88.30	-416.96	-13,344.31	4,064.51	3,900.08	164.42	24.720		
15,300.00	6,840.00	6,668.79	6,667.22	252.47	1.80	-88.29	-416.94	-13,344.31	3,981.41	3,812.96	168.45	23.636		
15,400.00	6,840.00	6,668.21	6,666.63	255.15	1.80	-88.27	-416.91	-13,344.32	3,899.10	3,726.48	172.62	22.588		
15,500.00	6,840.00	6,667.62	6,666.04	257.82	1.80	-88.26	-416.89	-13,344.33	3,817.64	3,640.70	176.93	21.577		
15,600.00	6,840.00	6,667.02	6,665.44	260.50	1.80	-88.24	-416.86	-13,344.33	3,737.07	3,555.67	181.40	20.601		
15,700.00	6,840.00	6,666.41	6,664.83	263.17	1.80	-88.23	-416.83	-13,344.34	3,657.47	3,471.45	186.02	19.662		
15,800.00	6,840.00	6,665.79	6,664.22	265.85	1.80	-88.21	-416.81	-13,344.34	3,578.89	3,388.09	190.80	18.757		
15,900.00	6,840.00	6,665.17	6,663.59	268.53	1.80	-88.20	-416.78	-13,344.35	3,501.40	3,305.66	195.74	17.888		
16,000.00	6,840.00	6,664.53	6,662.96	271.20	1.80	-88.18	-416.75	-13,344.35	3,425.08	3,224.24	200.84	17.054		
16,100.00	6,840.00	6,663.89	6,662.32	273.88	1.80	-88.16	-416.73	-13,344.36	3,350.01	3,143.90	206.11	16.254		
16,200.00	6,840.00	6,663.24	6,661.66	276.56	1.80	-88.15	-416.70	-13,344.37	3,276.27	3,064.73	211.54	15.488		
16,300.00	6,840.00	6,662.57	6,661.00	279.25	1.80	-88.13	-416.67	-13,344.37	3,203.95	2,986.82	217.13	14.756		
16,400.00	6,840.00	6,661.90	6,660.33	281.93	1.80	-88.11	-416.64	-13,344.38	3,133.15	2,910.27	222.88	14.058		
16,500.00	6,840.00	6,661.22	6,659.65	284.61	1.80	-88.10	-416.61	-13,344.38	3,063.98	2,835.21	228.78	13.393		
16,600.00	6,840.00	6,660.53	6,658.96	287.29	1.80	-88.08	-416.58	-13,344.39	2,996.56	2,761.73	234.82	12.761		
16,700.00	6,840.00	6,659.83	6,658.26	289.98	1.80	-88.06	-416.55	-13,344.40	2,930.99	2,689.99	241.00	12.162		
16,800.00	6,840.00	6,659.11	6,657.54	292.66	1.80	-88.04	-416.52	-13,344.40	2,867.42	2,620.11	247.30	11.595		
16,900.00	6,840.00	6,658.39	6,656.82	295.35	1.80	-88.02	-416.49	-13,344.41	2,805.96	2,552.26	253.71	11.060		
17,000.00	6,840.00	6,657.65	6,656.09	298.03	1.80	-88.00	-416.46	-13,344.42	2,746.78	2,486.59	260.19	10.557		
17,100.00	6,840.00	6,656.91	6,655.34	300.72	1.80	-87.99	-416.43	-13,344.43	2,690.01	2,423.27	266.73	10.085		
17,200.00	6,840.00	6,656.15	6,654.58	303.41	1.80	-87.97	-416.40	-13,344.43	2,635.81	2,362.51	273.30	9.644		
17,300.00	6,840.00	6,655.38	6,653.82	306.09	1.79	-87.95	-416.37	-13,344.44	2,584.34	2,304.49	279.85	9.235		
17,400.00	6,840.00	6,654.60	6,653.03	308.78	1.79	-87.93	-416.33	-13,344.45	2,535.78	2,249.42	286.36	8.855		
17,500.00	6,840.00	6,653.80	6,652.24	311.47	1.79	-87.91	-416.30	-13,344.46	2,490.29	2,197.52	292.76	8.506		
17,600.00	6,840.00	6,653.00	6,651.43	314.16	1.79	-87.89	-416.27	-13,344.47	2,448.03	2,149.01	299.03	8.187		
17,700.00	6,840.00	6,652.18	6,650.61	316.85	1.79	-87.86	-416.23	-13,344.47	2,409.19	2,104.11	305.09	7.897		
17,800.00	6,840.00	6,651.34	6,649.78	319.54	1.79	-87.84	-416.20	-13,344.48	2,373.93	2,063.04	310.89	7.636		
17,900.00	6,840.00	6,650.49	6,648.93	322.23	1.79	-87.82	-416.16	-13,344.49	2,342.41	2,026.04	316.37	7.404		
18,000.00	6,840.00	6,649.63	6,648.07	324.92	1.79	-87.80	-416.13	-13,344.50	2,314.78	1,993.31	321.47	7.201		
18,100.00	6,840.00	6,648.76	6,647.20	327.62	1.79	-87.78	-416.09	-13,344.51	2,291.19	1,965.05	326.14	7.025		
18,200.00	6,840.00	6,647.87	6,646.31	330.31	1.79	-87.75	-416.06	-13,344.52	2,271.76	1,941.45	330.31	6.878		
18,300.00	6,840.00	6,646.96	6,645.40	333.00	1.79	-87.73	-416.02	-13,344.53	2,256.60	1,922.67	333.93	6.758		
18,400.00	6,840.00	6,646.04	6,644.48	335.70	1.79	-87.71	-415.98	-13,344.54	2,245.79	1,908.83	336.95	6.665		
18,500.00	6,840.00	6,645.10	6,643.55	338.39	1.79	-87.68	-415.94	-13,344.55	2,239.39	1,900.04	339.35	6.599		
18,593.38	6,840.00	6,644.21	6,642.66	340.90	1.79	-87.66	-415.91	-13,344.56	2,237.44	1,896.44	341.00	6.561 CC		
18,600.00	6,840.00	6,644.15	6,642.59	341.08	1.79	-87.66	-415.90	-13,344.56	2,237.45	1,896.36	341.10	6.560 ES		
18,700.00	6,840.00	6,643.18	6,641.62	343.78	1.79	-87.63	-415.86	-13,344.57	2,239.98	1,897.81	342.18	6.546 SF		
18,800.00	6,840.00	6,642.19	6,640.64	346.47	1.79	-87.61	-415.82	-13,344.58	2,246.96	1,904.38	342.58	6.559		
18,900.00	6,840.00	6,641.18	6,639.63	349.17	1.79	-87.58	-415.78	-13,344.60	2,258.35	1,916.02	342.33	6.597		
19,000.00	6,840.00	6,640.16	6,638.61	351.86	1.79	-87.56	-415.74	-13,344.61	2,274.09	1,932.64	341.44	6.660		
19,100.00	6,840.00	6,639.12	6,637.57	354.56	1.79	-87.53	-415.70	-13,344.62	2,294.08	1,954.13	339.95	6.748		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,200.00	6,840.00	6,638.06	6,636.51	357.26	1.79	-87.50	-415.66	-13,344.63	2,318.21	1,980.33	337.88	6.861	
19,300.00	6,840.00	6,636.97	6,635.43	359.95	1.79	-87.47	-415.61	-13,344.65	2,346.36	2,011.06	335.30	6.998	
19,400.00	6,840.00	6,635.87	6,634.33	362.65	1.79	-87.45	-415.57	-13,344.66	2,378.38	2,046.14	332.24	7.159	
19,500.00	6,840.00	6,634.75	6,633.20	365.35	1.79	-87.42	-415.52	-13,344.67	2,414.13	2,085.35	328.77	7.343	
19,600.00	6,840.00	6,633.61	6,632.06	368.05	1.79	-87.39	-415.48	-13,344.69	2,453.43	2,128.48	324.95	7.550	
19,700.00	6,840.00	6,632.44	6,630.90	370.74	1.79	-87.36	-415.43	-13,344.70	2,496.12	2,175.31	320.81	7.781	
19,800.00	6,840.00	6,631.25	6,629.71	373.44	1.79	-87.33	-415.38	-13,344.72	2,542.03	2,225.60	316.43	8.034	
19,900.00	6,840.00	6,630.04	6,628.50	376.14	1.79	-87.30	-415.34	-13,344.73	2,590.98	2,279.15	311.84	8.309	
20,000.00	6,840.00	6,628.80	6,627.26	378.84	1.79	-87.27	-415.29	-13,344.75	2,642.82	2,335.72	307.10	8.606	
20,100.00	6,840.00	6,627.54	6,626.00	381.54	1.79	-87.23	-415.24	-13,344.76	2,697.36	2,395.12	302.24	8.925	
20,200.00	6,840.00	6,626.25	6,624.72	384.24	1.79	-87.20	-415.19	-13,344.78	2,754.46	2,457.15	297.31	9.265	
20,300.00	6,840.00	6,624.94	6,623.40	386.94	1.79	-87.17	-415.13	-13,344.80	2,813.95	2,521.61	292.34	9.626	
20,400.00	6,840.00	6,623.60	6,622.06	389.64	1.79	-87.13	-415.08	-13,344.82	2,875.69	2,588.33	287.36	10.007	
20,500.00	6,840.00	6,622.23	6,620.70	392.34	1.79	-87.10	-415.03	-13,344.84	2,939.54	2,657.14	282.39	10.409	
20,600.00	6,840.00	6,620.83	6,619.30	395.04	1.79	-87.06	-414.97	-13,344.85	3,005.35	2,727.89	277.46	10.831	
20,609.76	6,840.00	6,620.70	6,619.16	395.31	1.79	-87.06	-414.97	-13,344.86	3,011.87	2,734.89	276.99	10.874	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	121.64	117.01	90.00	2,466.12	-14,950.97	9,932.98	9,776.55	156.43	63.498		
10,400.00	6,840.00	6,759.00	6,759.00	124.14	117.01	90.00	2,466.12	-14,950.97	9,833.19	9,676.86	156.33	62.900		
10,500.00	6,840.00	6,759.00	6,759.00	126.65	117.01	90.00	2,466.12	-14,950.97	9,733.40	9,577.17	156.23	62.301		
10,600.00	6,840.00	6,759.00	6,759.00	129.18	117.01	90.00	2,466.12	-14,950.97	9,633.62	9,477.49	156.13	61.701		
10,700.00	6,840.00	6,759.00	6,759.00	131.70	117.01	90.00	2,466.12	-14,950.97	9,533.84	9,377.81	156.03	61.101		
10,800.00	6,840.00	6,759.00	6,759.00	134.24	117.01	90.00	2,466.12	-14,950.97	9,434.07	9,278.14	155.93	60.501		
10,900.00	6,840.00	6,759.00	6,759.00	136.79	117.01	90.00	2,466.12	-14,950.97	9,334.30	9,178.47	155.83	59.900		
11,000.00	6,840.00	6,759.00	6,759.00	139.34	117.01	90.00	2,466.12	-14,950.97	9,234.54	9,078.81	155.73	59.298		
11,100.00	6,840.00	6,759.00	6,759.00	141.90	117.01	90.00	2,466.12	-14,950.97	9,134.78	8,979.16	155.63	58.696		
11,200.00	6,840.00	6,759.00	6,759.00	144.46	117.01	90.00	2,466.12	-14,950.97	9,035.03	8,879.51	155.53	58.093		
11,300.00	6,840.00	6,759.00	6,759.00	147.03	117.01	90.00	2,466.12	-14,950.97	8,935.29	8,779.86	155.42	57.490		
11,400.00	6,840.00	6,759.00	6,759.00	149.60	117.01	90.00	2,466.12	-14,950.97	8,835.54	8,680.22	155.32	56.886		
11,500.00	6,840.00	6,759.00	6,759.00	152.18	117.01	90.00	2,466.12	-14,950.97	8,735.81	8,580.59	155.22	56.281		
11,600.00	6,840.00	6,759.00	6,759.00	154.77	117.01	90.00	2,466.12	-14,950.97	8,636.08	8,480.97	155.11	55.676		
11,700.00	6,840.00	6,759.00	6,759.00	157.36	117.01	90.00	2,466.12	-14,950.97	8,536.36	8,381.35	155.01	55.070		
11,800.00	6,840.00	6,759.00	6,759.00	159.95	117.01	90.00	2,466.12	-14,950.97	8,436.64	8,281.74	154.91	54.463		
11,900.00	6,840.00	6,759.00	6,759.00	162.55	117.01	90.00	2,466.12	-14,950.97	8,336.93	8,182.13	154.80	53.856		
12,000.00	6,840.00	6,759.00	6,759.00	165.16	117.01	90.00	2,466.12	-14,950.97	8,237.23	8,082.54	154.70	53.247		
12,100.00	6,840.00	6,759.00	6,759.00	167.76	117.01	90.00	2,466.12	-14,950.97	8,137.54	7,982.94	154.59	52.638		
12,200.00	6,840.00	6,759.00	6,759.00	170.37	117.01	90.00	2,466.12	-14,950.97	8,037.85	7,883.36	154.49	52.028		
12,300.00	6,840.00	6,759.00	6,759.00	172.99	117.01	90.00	2,466.12	-14,950.97	7,938.17	7,783.78	154.39	51.417		
12,400.00	6,840.00	6,759.00	6,759.00	175.60	117.01	90.00	2,466.12	-14,950.97	7,838.50	7,684.22	154.29	50.805		
12,500.00	6,840.00	6,759.00	6,759.00	178.23	117.01	90.00	2,466.12	-14,950.97	7,738.84	7,584.65	154.18	50.192		
12,600.00	6,840.00	6,759.00	6,759.00	180.85	117.01	90.00	2,466.12	-14,950.97	7,639.18	7,485.10	154.08	49.578		
12,700.00	6,840.00	6,759.00	6,759.00	183.47	117.01	90.00	2,466.12	-14,950.97	7,539.54	7,385.55	153.99	48.963		
12,800.00	6,840.00	6,759.00	6,759.00	186.10	117.01	90.00	2,466.12	-14,950.97	7,439.91	7,286.02	153.89	48.346		
12,900.00	6,840.00	6,759.00	6,759.00	188.74	117.01	90.00	2,466.12	-14,950.97	7,340.28	7,186.49	153.79	47.728		
13,000.00	6,840.00	6,759.00	6,759.00	191.37	117.01	90.00	2,466.12	-14,950.97	7,240.67	7,086.97	153.70	47.109		
13,100.00	6,840.00	6,759.00	6,759.00	194.01	117.01	90.00	2,466.12	-14,950.97	7,141.06	6,987.45	153.61	46.489		
13,200.00	6,840.00	6,759.00	6,759.00	196.65	117.01	90.00	2,466.12	-14,950.97	7,041.47	6,887.95	153.52	45.866		
13,300.00	6,840.00	6,759.00	6,759.00	199.29	117.01	90.00	2,466.12	-14,950.97	6,941.89	6,788.45	153.44	45.243		
13,400.00	6,840.00	6,759.00	6,759.00	201.93	117.01	90.00	2,466.12	-14,950.97	6,842.32	6,688.96	153.36	44.617		
13,500.00	6,840.00	6,759.00	6,759.00	204.58	117.01	90.00	2,466.12	-14,950.97	6,742.76	6,589.49	153.28	43.990		
13,600.00	6,840.00	6,759.00	6,759.00	207.22	117.01	90.00	2,466.12	-14,950.97	6,643.22	6,490.01	153.21	43.361		
13,700.00	6,840.00	6,759.00	6,759.00	209.87	117.01	90.00	2,466.12	-14,950.97	6,543.69	6,390.55	153.14	42.730		
13,800.00	6,840.00	6,759.00	6,759.00	212.52	117.01	90.00	2,466.12	-14,950.97	6,444.18	6,291.10	153.08	42.097		
13,900.00	6,840.00	6,759.00	6,759.00	215.18	117.01	90.00	2,466.12	-14,950.97	6,344.68	6,191.66	153.02	41.462		
14,000.00	6,840.00	6,759.00	6,759.00	217.83	117.01	90.00	2,466.12	-14,950.97	6,245.20	6,092.22	152.98	40.824		
14,100.00	6,840.00	6,759.00	6,759.00	220.49	117.01	90.00	2,466.12	-14,950.97	6,145.73	5,992.79	152.94	40.184		
14,200.00	6,840.00	6,759.00	6,759.00	223.15	117.01	90.00	2,466.12	-14,950.97	6,046.28	5,893.37	152.91	39.541		
14,300.00	6,840.00	6,759.00	6,759.00	225.81	117.01	90.00	2,466.12	-14,950.97	5,946.85	5,793.96	152.89	38.896		
14,400.00	6,840.00	6,759.00	6,759.00	228.47	117.01	90.00	2,466.12	-14,950.97	5,847.44	5,694.56	152.89	38.247		
14,500.00	6,840.00	6,759.00	6,759.00	231.13	117.01	90.00	2,466.12	-14,950.97	5,748.05	5,595.16	152.89	37.596		
14,600.00	6,840.00	6,759.00	6,759.00	233.79	117.01	90.00	2,466.12	-14,950.97	5,648.68	5,495.77	152.91	36.941		
14,700.00	6,840.00	6,759.00	6,759.00	236.46	117.01	90.00	2,466.12	-14,950.97	5,549.34	5,396.39	152.95	36.282		
14,800.00	6,840.00	6,759.00	6,759.00	239.12	117.01	90.00	2,466.12	-14,950.97	5,450.02	5,297.01	153.00	35.620		
14,900.00	6,840.00	6,759.00	6,759.00	241.79	117.01	90.00	2,466.12	-14,950.97	5,350.72	5,197.64	153.08	34.955		
15,000.00	6,840.00	6,759.00	6,759.00	244.46	117.01	90.00	2,466.12	-14,950.97	5,251.45	5,098.28	153.17	34.285		
15,100.00	6,840.00	6,759.00	6,759.00	247.13	117.01	90.00	2,466.12	-14,950.97	5,152.21	4,998.92	153.29	33.611		
15,200.00	6,840.00	6,759.00	6,759.00	249.80	117.01	90.00	2,466.12	-14,950.97	5,053.00	4,899.56	153.44	32.932		
15,300.00	6,840.00	6,759.00	6,759.00	252.47	117.01	90.00	2,466.12	-14,950.97	4,953.82	4,800.20	153.61	32.249		
15,400.00	6,840.00	6,759.00	6,759.00	255.15	117.01	90.00	2,466.12	-14,950.97	4,854.67	4,700.85	153.82	31.561		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,500.00	6,840.00	6,759.00	6,759.00	257.82	117.01	90.00	2,466.12	-14,950.97	4,755.56	4,601.50	154.06	30.868		
15,600.00	6,840.00	6,759.00	6,759.00	260.50	117.01	90.00	2,466.12	-14,950.97	4,656.49	4,502.14	154.34	30.170		
15,700.00	6,840.00	6,759.00	6,759.00	263.17	117.01	90.00	2,466.12	-14,950.97	4,557.45	4,402.79	154.66	29.467		
15,800.00	6,840.00	6,759.00	6,759.00	265.85	117.01	90.00	2,466.12	-14,950.97	4,458.47	4,303.43	155.03	28.758		
15,900.00	6,840.00	6,759.00	6,759.00	268.53	117.01	90.00	2,466.12	-14,950.97	4,359.52	4,204.07	155.46	28.043		
16,000.00	6,840.00	6,759.00	6,759.00	271.20	117.01	90.00	2,466.12	-14,950.97	4,260.63	4,104.70	155.93	27.323		
16,100.00	6,840.00	6,759.00	6,759.00	273.88	117.01	90.00	2,466.12	-14,950.97	4,161.79	4,005.32	156.47	26.598		
16,200.00	6,840.00	6,759.00	6,759.00	276.56	117.01	90.00	2,466.12	-14,950.97	4,063.00	3,905.93	157.08	25.866		
16,300.00	6,840.00	6,759.00	6,759.00	279.25	117.01	90.00	2,466.12	-14,950.97	3,964.28	3,806.52	157.76	25.129		
16,400.00	6,840.00	6,759.00	6,759.00	281.93	117.01	90.00	2,466.12	-14,950.97	3,865.62	3,707.11	158.52	24.386		
16,500.00	6,840.00	6,759.00	6,759.00	284.61	117.01	90.00	2,466.12	-14,950.97	3,767.04	3,607.67	159.37	23.638		
16,600.00	6,840.00	6,759.00	6,759.00	287.29	117.01	90.00	2,466.12	-14,950.97	3,668.53	3,508.22	160.31	22.884		
16,700.00	6,840.00	6,759.00	6,759.00	289.98	117.01	90.00	2,466.12	-14,950.97	3,570.10	3,408.75	161.35	22.126		
16,800.00	6,840.00	6,759.00	6,759.00	292.66	117.01	90.00	2,466.12	-14,950.97	3,471.77	3,309.25	162.52	21.363		
16,900.00	6,840.00	6,759.00	6,759.00	295.35	117.01	90.00	2,466.12	-14,950.97	3,373.53	3,209.73	163.80	20.595		
17,000.00	6,840.00	6,759.00	6,759.00	298.03	117.01	90.00	2,466.12	-14,950.97	3,275.39	3,110.17	165.22	19.824		
17,100.00	6,840.00	6,759.00	6,759.00	300.72	117.01	90.00	2,466.12	-14,950.97	3,177.38	3,010.59	166.79	19.050		
17,200.00	6,840.00	6,759.00	6,759.00	303.41	117.01	90.00	2,466.12	-14,950.97	3,079.49	2,910.97	168.52	18.274		
17,300.00	6,840.00	6,759.00	6,759.00	306.09	117.01	90.00	2,466.12	-14,950.97	2,981.74	2,811.32	170.42	17.496		
17,400.00	6,840.00	6,759.00	6,759.00	308.78	117.01	90.00	2,466.12	-14,950.97	2,884.15	2,711.63	172.52	16.718		
17,500.00	6,840.00	6,759.00	6,759.00	311.47	117.01	90.00	2,466.12	-14,950.97	2,786.72	2,611.89	174.83	15.940		
17,600.00	6,840.00	6,759.00	6,759.00	314.16	117.01	90.00	2,466.12	-14,950.97	2,689.49	2,512.11	177.38	15.163		
17,700.00	6,840.00	6,759.00	6,759.00	316.85	117.01	90.00	2,466.12	-14,950.97	2,592.46	2,412.29	180.18	14.388		
17,800.00	6,840.00	6,759.00	6,759.00	319.54	117.01	90.00	2,466.12	-14,950.97	2,495.67	2,312.41	183.26	13.618		
17,900.00	6,840.00	6,759.00	6,759.00	322.23	117.01	90.00	2,466.12	-14,950.97	2,399.15	2,212.49	186.66	12.853		
18,000.00	6,840.00	6,759.00	6,759.00	324.92	117.01	90.00	2,466.12	-14,950.97	2,302.92	2,112.51	190.41	12.094		
18,100.00	6,840.00	6,759.00	6,759.00	327.62	117.01	90.00	2,466.12	-14,950.97	2,207.03	2,012.47	194.56	11.344		
18,200.00	6,840.00	6,759.00	6,759.00	330.31	117.01	90.00	2,466.12	-14,950.97	2,111.51	1,912.38	199.14	10.603		
18,300.00	6,840.00	6,759.00	6,759.00	333.00	117.01	90.00	2,466.12	-14,950.97	2,016.44	1,812.22	204.21	9.874		
18,400.00	6,840.00	6,759.00	6,759.00	335.70	117.01	90.00	2,466.12	-14,950.97	1,921.86	1,712.01	209.84	9.159		
18,500.00	6,840.00	6,759.00	6,759.00	338.39	117.01	90.00	2,466.12	-14,950.97	1,827.85	1,611.75	216.11	8.458		
18,600.00	6,840.00	6,759.00	6,759.00	341.08	117.01	90.00	2,466.12	-14,950.97	1,734.53	1,511.44	223.09	7.775		
18,700.00	6,840.00	6,759.00	6,759.00	343.78	117.01	90.00	2,466.12	-14,950.97	1,641.98	1,411.09	230.89	7.112		
18,800.00	6,840.00	6,759.00	6,759.00	346.47	117.01	90.00	2,466.12	-14,950.97	1,550.37	1,310.73	239.63	6.470		
18,900.00	6,840.00	6,759.00	6,759.00	349.17	117.01	90.00	2,466.12	-14,950.97	1,459.85	1,210.39	249.46	5.852		
19,000.00	6,840.00	6,759.00	6,759.00	351.86	117.01	90.00	2,466.12	-14,950.97	1,370.65	1,110.11	260.54	5.261		
19,100.00	6,840.00	6,759.00	6,759.00	354.56	117.01	90.00	2,466.12	-14,950.97	1,283.05	1,010.00	273.05	4.699		
19,200.00	6,840.00	6,759.00	6,759.00	357.26	117.01	90.00	2,466.12	-14,950.97	1,197.38	910.18	287.21	4.169		
19,300.00	6,840.00	6,759.00	6,759.00	359.95	117.01	90.00	2,466.12	-14,950.97	1,114.12	810.87	303.24	3.674		
19,400.00	6,840.00	6,759.00	6,759.00	362.65	117.01	90.00	2,466.12	-14,950.97	1,033.82	712.44	321.38	3.217		
19,500.00	6,840.00	6,759.00	6,759.00	365.35	117.01	90.00	2,466.12	-14,950.97	957.24	615.45	341.79	2.801		
19,600.00	6,840.00	6,759.00	6,759.00	368.05	117.01	90.00	2,466.12	-14,950.97	885.34	520.81	364.53	2.429		
19,700.00	6,840.00	6,759.00	6,759.00	370.74	117.01	90.00	2,466.12	-14,950.97	819.36	429.94	389.42	2.104		
19,800.00	6,840.00	6,759.00	6,759.00	373.44	117.01	90.00	2,466.12	-14,950.97	760.84	345.01	415.83	1.830		
19,900.00	6,840.00	6,759.00	6,759.00	376.14	117.01	90.00	2,466.12	-14,950.97	711.62	269.18	442.43	1.608		
20,000.00	6,840.00	6,759.00	6,759.00	378.84	117.01	90.00	2,466.12	-14,950.97	673.74	206.62	467.11	1.442	Level 3	CC, ES, SF
20,100.00	6,840.00	6,759.00	6,759.00	381.54	117.01	90.00	2,466.12	-14,950.97	649.19	162.10	487.09	1.333	Level 3	
20,200.00	6,840.00	6,759.00	6,759.00	384.24	117.01	90.00	2,466.12	-14,950.97	639.51	139.87	499.64	1.280	Level 3	
20,212.38	6,840.00	6,759.00	6,759.00	384.57	117.01	90.00	2,466.12	-14,950.97	639.39	138.81	500.58	1.277	Level 3	
20,300.00	6,840.00	6,759.00	6,759.00	386.94	117.01	90.00	2,466.12	-14,950.97	645.36	142.20	503.16	1.283	Level 3	
20,400.00	6,840.00	6,759.00	6,759.00	389.64	117.01	90.00	2,466.12	-14,950.97	666.35	168.48	497.87	1.338	Level 3	
20,500.00	6,840.00	6,759.00	6,759.00	392.34	117.01	90.00	2,466.12	-14,950.97	701.10	215.50	485.60	1.444	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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	395.04	117.01	90.00	2,466.12	-14,950.97	747.71	278.80	468.90	1.595	
20,609.76	6,840.00	6,759.00	6,759.00	395.31	117.01	90.00	2,466.12	-14,950.97	752.81	285.68	467.13	1.612	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,200.00	6,840.00	6,792.88	6,791.79	119.15	1.67	-90.80	-2,095.56	-14,127.19	9,971.11	9,891.73	79.37	125.625		
10,300.00	6,840.00	6,792.00	6,790.91	121.64	1.67	-90.79	-2,095.55	-14,127.20	9,879.23	9,798.58	80.65	122.490		
10,400.00	6,840.00	6,791.11	6,790.03	124.14	1.67	-90.78	-2,095.55	-14,127.20	9,787.52	9,705.55	81.96	119.413		
10,500.00	6,840.00	6,790.23	6,789.15	126.65	1.67	-90.76	-2,095.54	-14,127.21	9,695.97	9,612.66	83.30	116.395		
10,600.00	6,840.00	6,789.36	6,788.27	129.18	1.67	-90.75	-2,095.54	-14,127.22	9,604.58	9,519.91	84.67	113.435		
10,700.00	6,840.00	6,788.48	6,787.39	131.70	1.67	-90.74	-2,095.53	-14,127.23	9,513.37	9,427.31	86.07	110.532		
10,800.00	6,840.00	6,787.60	6,786.52	134.24	1.67	-90.72	-2,095.52	-14,127.23	9,422.34	9,334.85	87.50	107.686		
10,900.00	6,840.00	6,786.72	6,785.64	136.79	1.67	-90.71	-2,095.52	-14,127.24	9,331.50	9,242.54	88.96	104.897		
11,000.00	6,840.00	6,785.85	6,784.76	139.34	1.67	-90.70	-2,095.51	-14,127.25	9,240.84	9,150.39	90.45	102.164		
11,100.00	6,840.00	6,784.97	6,783.89	141.90	1.67	-90.69	-2,095.51	-14,127.26	9,150.37	9,058.40	91.98	99.487		
11,200.00	6,840.00	6,784.10	6,783.02	144.46	1.67	-90.67	-2,095.50	-14,127.26	9,060.11	8,966.57	93.53	96.864		
11,300.00	6,840.00	6,783.23	6,782.14	147.03	1.67	-90.66	-2,095.50	-14,127.27	8,970.05	8,874.92	95.13	94.295		
11,400.00	6,840.00	6,782.35	6,781.27	149.60	1.67	-90.65	-2,095.49	-14,127.28	8,880.21	8,783.45	96.76	91.780		
11,500.00	6,840.00	6,781.48	6,780.40	152.18	1.67	-90.63	-2,095.49	-14,127.29	8,790.58	8,692.16	98.42	89.318		
11,600.00	6,840.00	6,780.61	6,779.53	154.77	1.67	-90.62	-2,095.48	-14,127.29	8,701.18	8,601.06	100.12	86.909		
11,700.00	6,840.00	6,779.74	6,778.66	157.36	1.67	-90.61	-2,095.48	-14,127.30	8,612.02	8,510.16	101.86	84.551		
11,800.00	6,840.00	6,778.87	6,777.79	159.95	1.67	-90.60	-2,095.47	-14,127.31	8,523.09	8,419.46	103.63	82.245		
11,900.00	6,840.00	6,778.00	6,776.92	162.55	1.67	-90.58	-2,095.47	-14,127.32	8,434.41	8,328.97	105.44	79.989		
12,000.00	6,840.00	6,777.14	6,776.05	165.16	1.67	-90.57	-2,095.46	-14,127.32	8,345.99	8,238.69	107.30	77.783		
12,100.00	6,840.00	6,776.27	6,775.19	167.76	1.67	-90.56	-2,095.46	-14,127.33	8,257.83	8,148.64	109.19	75.625		
12,200.00	6,840.00	6,775.40	6,774.32	170.37	1.67	-90.55	-2,095.45	-14,127.34	8,169.95	8,058.82	111.13	73.517		
12,300.00	6,840.00	6,774.54	6,773.46	172.99	1.67	-90.53	-2,095.45	-14,127.35	8,082.34	7,969.23	113.11	71.456		
12,400.00	6,840.00	6,773.67	6,772.59	175.60	1.67	-90.52	-2,095.44	-14,127.35	7,995.03	7,879.90	115.13	69.442		
12,500.00	6,840.00	6,772.81	6,771.73	178.23	1.67	-90.51	-2,095.44	-14,127.36	7,908.02	7,790.82	117.20	67.475		
12,600.00	6,840.00	6,771.95	6,770.86	180.85	1.67	-90.50	-2,095.43	-14,127.37	7,821.32	7,702.00	119.31	65.553		
12,700.00	6,840.00	6,771.09	6,770.00	183.47	1.67	-90.48	-2,095.43	-14,127.37	7,734.94	7,613.46	121.47	63.677		
12,800.00	6,840.00	6,770.23	6,769.14	186.10	1.67	-90.47	-2,095.42	-14,127.38	7,648.89	7,525.21	123.68	61.844		
12,900.00	6,840.00	6,769.37	6,768.28	188.74	1.67	-90.46	-2,095.42	-14,127.39	7,563.18	7,437.24	125.94	60.056		
13,000.00	6,840.00	6,768.51	6,767.42	191.37	1.67	-90.44	-2,095.41	-14,127.40	7,477.83	7,349.59	128.24	58.311		
13,100.00	6,840.00	6,767.65	6,766.56	194.01	1.67	-90.43	-2,095.41	-14,127.40	7,392.84	7,262.25	130.60	56.608		
13,200.00	6,840.00	6,766.79	6,765.71	196.65	1.67	-90.42	-2,095.40	-14,127.41	7,308.24	7,175.23	133.01	54.946		
13,300.00	6,840.00	6,765.93	6,764.85	199.29	1.67	-90.41	-2,095.39	-14,127.42	7,224.03	7,088.56	135.47	53.326		
13,400.00	6,840.00	6,765.08	6,763.99	201.93	1.67	-90.39	-2,095.39	-14,127.42	7,140.23	7,002.24	137.98	51.747		
13,500.00	6,840.00	6,764.22	6,763.14	204.58	1.67	-90.38	-2,095.38	-14,127.43	7,056.84	6,916.29	140.56	50.207		
13,600.00	6,840.00	6,763.37	6,762.28	207.22	1.67	-90.37	-2,095.38	-14,127.44	6,973.90	6,830.71	143.18	48.706		
13,700.00	6,840.00	6,762.51	6,761.43	209.87	1.67	-90.36	-2,095.37	-14,127.45	6,891.41	6,745.54	145.87	47.244		
13,800.00	6,840.00	6,761.66	6,760.58	212.52	1.67	-90.34	-2,095.37	-14,127.45	6,809.38	6,660.77	148.61	45.819		
13,900.00	6,840.00	6,760.81	6,759.72	215.18	1.67	-90.33	-2,095.36	-14,127.46	6,727.85	6,576.43	151.42	44.432		
14,000.00	6,840.00	6,759.96	6,758.87	217.83	1.67	-90.32	-2,095.36	-14,127.47	6,646.81	6,492.53	154.28	43.082		
14,100.00	6,840.00	6,759.10	6,758.02	220.49	1.67	-90.31	-2,095.35	-14,127.47	6,566.30	6,409.09	157.21	41.768		
14,200.00	6,840.00	6,758.25	6,757.17	223.15	1.67	-90.29	-2,095.35	-14,127.48	6,486.34	6,326.13	160.20	40.489		
14,300.00	6,840.00	6,757.41	6,756.32	225.81	1.67	-90.28	-2,095.34	-14,127.49	6,406.93	6,243.67	163.26	39.245		
14,400.00	6,840.00	6,756.56	6,755.47	228.47	1.67	-90.27	-2,095.34	-14,127.50	6,328.11	6,161.73	166.38	38.035		
14,500.00	6,840.00	6,755.71	6,754.63	231.13	1.67	-90.26	-2,095.33	-14,127.50	6,249.89	6,080.33	169.56	36.859		
14,600.00	6,840.00	6,754.86	6,753.78	233.79	1.67	-90.25	-2,095.33	-14,127.51	6,172.31	5,999.49	172.81	35.716		
14,700.00	6,840.00	6,754.02	6,752.93	236.46	1.67	-90.23	-2,095.32	-14,127.52	6,095.37	5,919.24	176.14	34.606		
14,800.00	6,840.00	6,753.17	6,752.09	239.12	1.67	-90.22	-2,095.32	-14,127.52	6,019.12	5,839.59	179.52	33.528		
14,900.00	6,840.00	6,752.33	6,751.25	241.79	1.67	-90.21	-2,095.31	-14,127.53	5,943.57	5,760.58	182.98	32.482		
15,000.00	6,840.00	6,751.48	6,750.40	244.46	1.67	-90.20	-2,095.31	-14,127.54	5,868.75	5,682.24	186.51	31.466		
15,100.00	6,840.00	6,750.64	6,749.56	247.13	1.67	-90.18	-2,095.30	-14,127.55	5,794.69	5,604.58	190.11	30.481		
15,200.00	6,840.00	6,749.80	6,748.72	249.80	1.67	-90.17	-2,095.30	-14,127.55	5,721.41	5,527.64	193.78	29.526		
15,300.00	6,840.00	6,748.96	6,747.88	252.47	1.67	-90.16	-2,095.29	-14,127.56	5,648.96	5,451.45	197.52	28.600		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,400.00	6,840.00	6,748.12	6,747.04	255.15	1.67	-90.15	-2,095.29	-14,127.57	5,577.36	5,376.04	201.32	27.703		
15,500.00	6,840.00	6,747.28	6,746.20	257.82	1.67	-90.13	-2,095.28	-14,127.57	5,506.65	5,301.44	205.20	26.835		
15,600.00	6,840.00	6,746.44	6,745.36	260.50	1.67	-90.12	-2,095.28	-14,127.58	5,436.85	5,227.70	209.15	25.995		
15,700.00	6,840.00	6,745.60	6,744.52	263.17	1.67	-90.11	-2,095.27	-14,127.59	5,368.01	5,154.84	213.17	25.182		
15,800.00	6,840.00	6,744.76	6,743.68	265.85	1.67	-90.10	-2,095.27	-14,127.59	5,300.16	5,082.91	217.25	24.397		
15,900.00	6,840.00	6,743.93	6,742.84	268.53	1.67	-90.09	-2,095.26	-14,127.60	5,233.35	5,011.95	221.40	23.638		
16,000.00	6,840.00	6,743.09	6,742.01	271.20	1.67	-90.07	-2,095.26	-14,127.61	5,167.60	4,941.99	225.61	22.905		
16,100.00	6,840.00	6,742.26	6,741.17	273.88	1.67	-90.06	-2,095.25	-14,127.62	5,102.97	4,873.08	229.89	22.197		
16,200.00	6,840.00	6,741.42	6,740.34	276.56	1.67	-90.05	-2,095.25	-14,127.62	5,039.49	4,805.26	234.23	21.515		
16,300.00	6,840.00	6,740.59	6,739.51	279.25	1.67	-90.04	-2,095.24	-14,127.63	4,977.21	4,738.59	238.62	20.858		
16,400.00	6,840.00	6,739.75	6,738.67	281.93	1.67	-90.02	-2,095.24	-14,127.64	4,916.18	4,673.11	243.07	20.226		
16,500.00	6,840.00	6,738.92	6,737.84	284.61	1.67	-90.01	-2,095.23	-14,127.64	4,856.44	4,608.88	247.56	19.617		
16,600.00	6,840.00	6,738.09	6,737.01	287.29	1.67	-90.00	-2,095.23	-14,127.65	4,798.04	4,545.93	252.11	19.032		
16,700.00	6,840.00	6,737.26	6,736.18	289.98	1.67	-89.99	-2,095.23	-14,127.66	4,741.03	4,484.34	256.69	18.470		
16,800.00	6,840.00	6,736.43	6,735.35	292.66	1.67	-89.98	-2,095.22	-14,127.66	4,685.46	4,424.15	261.31	17.931		
16,900.00	6,840.00	6,735.60	6,734.52	295.35	1.67	-89.96	-2,095.22	-14,127.67	4,631.38	4,365.43	265.95	17.414		
17,000.00	6,840.00	6,734.77	6,733.69	298.03	1.67	-89.95	-2,095.21	-14,127.68	4,578.85	4,308.23	270.62	16.920		
17,100.00	6,840.00	6,733.95	6,732.86	300.72	1.67	-89.94	-2,095.21	-14,127.68	4,527.92	4,252.61	275.31	16.447		
17,200.00	6,840.00	6,733.12	6,732.04	303.41	1.67	-89.93	-2,095.20	-14,127.69	4,478.64	4,198.64	280.00	15.995		
17,300.00	6,840.00	6,732.29	6,731.21	306.09	1.67	-89.92	-2,095.20	-14,127.70	4,431.07	4,146.38	284.69	15.564		
17,400.00	6,840.00	6,731.47	6,730.39	308.78	1.67	-89.90	-2,095.19	-14,127.70	4,385.27	4,095.89	289.37	15.154		
17,500.00	6,840.00	6,730.64	6,729.56	311.47	1.67	-89.89	-2,095.19	-14,127.71	4,341.28	4,047.25	294.03	14.765		
17,600.00	6,840.00	6,729.82	6,728.74	314.16	1.67	-89.88	-2,095.18	-14,127.72	4,299.17	4,000.51	298.66	14.395		
17,700.00	6,840.00	6,729.00	6,727.92	316.85	1.67	-89.87	-2,095.18	-14,127.72	4,259.00	3,955.75	303.25	14.045		
17,800.00	6,840.00	6,728.17	6,727.09	319.54	1.67	-89.86	-2,095.17	-14,127.73	4,220.81	3,913.03	307.78	13.714		
17,900.00	6,840.00	6,727.35	6,726.27	322.23	1.67	-89.84	-2,095.17	-14,127.74	4,184.66	3,872.41	312.25	13.402		
18,000.00	6,840.00	6,726.53	6,725.45	324.92	1.67	-89.83	-2,095.16	-14,127.74	4,150.61	3,833.97	316.64	13.108		
18,100.00	6,840.00	6,725.71	6,724.63	327.62	1.67	-89.82	-2,095.16	-14,127.75	4,118.70	3,797.76	320.94	12.833		
18,200.00	6,840.00	6,724.89	6,723.81	330.31	1.67	-89.81	-2,095.15	-14,127.76	4,088.99	3,763.85	325.14	12.576		
18,300.00	6,840.00	6,724.08	6,722.99	333.00	1.67	-89.80	-2,095.15	-14,127.76	4,061.53	3,732.31	329.22	12.337		
18,400.00	6,840.00	6,723.26	6,722.18	335.70	1.67	-89.78	-2,095.14	-14,127.77	4,036.35	3,703.19	333.17	12.115		
18,500.00	6,840.00	6,722.44	6,721.36	338.39	1.67	-89.77	-2,095.14	-14,127.78	4,013.51	3,676.54	336.98	11.910		
18,600.00	6,840.00	6,721.62	6,720.54	341.08	1.67	-89.76	-2,095.13	-14,127.78	3,993.05	3,652.42	340.63	11.723		
18,700.00	6,840.00	6,720.81	6,719.73	343.78	1.67	-89.75	-2,095.13	-14,127.79	3,975.00	3,630.88	344.12	11.551		
18,800.00	6,840.00	6,719.99	6,718.91	346.47	1.66	-89.74	-2,095.12	-14,127.80	3,959.39	3,611.96	347.43	11.396		
18,900.00	6,840.00	6,719.18	6,718.10	349.17	1.66	-89.72	-2,095.12	-14,127.80	3,946.25	3,595.70	350.55	11.257		
19,000.00	6,840.00	6,718.37	6,717.29	351.86	1.66	-89.71	-2,095.11	-14,127.81	3,935.61	3,582.14	353.47	11.134		
19,100.00	6,840.00	6,717.55	6,716.47	354.56	1.66	-89.70	-2,095.11	-14,127.82	3,927.49	3,571.31	356.18	11.027		
19,200.00	6,840.00	6,716.74	6,715.66	357.26	1.66	-89.69	-2,095.10	-14,127.82	3,921.90	3,563.23	358.67	10.934		
19,300.00	6,840.00	6,715.93	6,714.85	359.95	1.66	-89.68	-2,095.10	-14,127.83	3,918.86	3,557.91	360.95	10.857		
19,369.30	6,840.00	6,715.37	6,714.29	361.82	1.66	-89.67	-2,095.10	-14,127.84	3,918.25	3,555.86	362.39	10.812 CC		
19,400.00	6,840.00	6,715.12	6,714.04	362.65	1.66	-89.66	-2,095.10	-14,127.84	3,918.37	3,555.38	362.99	10.795 ES		
19,500.00	6,840.00	6,714.31	6,713.23	365.35	1.66	-89.65	-2,095.09	-14,127.84	3,920.43	3,555.62	364.80	10.747		
19,600.00	6,840.00	6,713.50	6,712.42	368.05	1.66	-89.64	-2,095.09	-14,127.85	3,925.03	3,558.65	366.38	10.713		
19,700.00	6,840.00	6,712.69	6,711.61	370.74	1.66	-89.63	-2,095.08	-14,127.86	3,932.18	3,564.46	367.72	10.693		
19,800.00	6,840.00	6,712.64	6,711.56	373.44	1.66	-89.63	-2,095.08	-14,127.86	3,941.84	3,573.02	368.82	10.688 SF		
19,900.00	6,840.00	6,711.80	6,710.72	376.14	1.66	-89.62	-2,095.07	-14,127.87	3,954.02	3,584.33	369.69	10.696		
20,000.00	6,840.00	6,710.95	6,709.87	378.84	1.66	-89.60	-2,095.07	-14,127.87	3,968.68	3,598.36	370.32	10.717		
20,100.00	6,840.00	6,710.11	6,709.03	381.54	1.66	-89.59	-2,095.07	-14,127.88	3,985.79	3,615.07	370.73	10.751		
20,200.00	6,840.00	6,709.26	6,708.18	384.24	1.66	-89.58	-2,095.06	-14,127.89	4,005.33	3,634.42	370.91	10.799		
20,300.00	6,840.00	6,708.41	6,707.33	386.94	1.66	-89.57	-2,095.06	-14,127.89	4,027.26	3,656.39	370.87	10.859		
20,400.00	6,840.00	6,707.56	6,706.48	389.64	1.66	-89.55	-2,095.05	-14,127.90	4,051.53	3,680.91	370.62	10.932		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,500.00	6,840.00	6,706.71	6,705.63	392.34	1.66	-89.54	-2,095.05	-14,127.91	4,078.12	3,707.95	370.17	11.017	
20,600.00	6,840.00	6,705.85	6,704.77	395.04	1.66	-89.53	-2,095.04	-14,127.91	4,106.97	3,737.44	369.52	11.114	
20,609.76	6,840.00	6,705.77	6,704.69	395.31	1.66	-89.53	-2,095.04	-14,127.91	4,109.90	3,740.45	369.45	11.124	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
9,300.00	6,840.00	6,723.65	6,723.34	97.28	2.05	-90.01	-1,812.95	-13,303.30	9,933.94	9,864.70	69.25	143.453		
9,400.00	6,840.00	6,723.49	6,723.18	99.65	2.05	-90.00	-1,812.95	-13,303.30	9,840.94	9,770.61	70.33	139.930		
9,500.00	6,840.00	6,723.33	6,723.02	102.03	2.05	-90.00	-1,812.95	-13,303.30	9,748.07	9,676.64	71.43	136.465		
9,600.00	6,840.00	6,723.17	6,722.86	104.43	2.05	-90.00	-1,812.95	-13,303.30	9,655.34	9,582.78	72.56	133.058		
9,700.00	6,840.00	6,723.01	6,722.70	106.85	2.05	-90.00	-1,812.95	-13,303.30	9,562.76	9,489.04	73.72	129.711		
9,800.00	6,840.00	6,722.85	6,722.54	109.29	2.05	-89.99	-1,812.95	-13,303.30	9,470.34	9,395.42	74.91	126.422		
9,900.00	6,840.00	6,722.68	6,722.38	111.73	2.05	-89.99	-1,812.95	-13,303.30	9,378.06	9,301.94	76.13	123.192		
10,000.00	6,840.00	6,722.52	6,722.21	114.19	2.05	-89.99	-1,812.95	-13,303.30	9,285.95	9,208.58	77.37	120.020		
10,100.00	6,840.00	6,722.36	6,722.05	116.66	2.05	-89.99	-1,812.95	-13,303.30	9,194.00	9,115.36	78.64	116.907		
10,200.00	6,840.00	6,722.19	6,721.89	119.15	2.05	-89.98	-1,812.95	-13,303.30	9,102.22	9,022.27	79.95	113.852		
10,300.00	6,840.00	6,722.03	6,721.72	121.64	2.05	-89.98	-1,812.94	-13,303.30	9,010.62	8,929.33	81.28	110.855		
10,400.00	6,840.00	6,721.87	6,721.56	124.14	2.05	-89.98	-1,812.94	-13,303.30	8,919.19	8,836.54	82.65	107.915		
10,500.00	6,840.00	6,721.70	6,721.39	126.65	2.05	-89.97	-1,812.94	-13,303.30	8,827.96	8,743.91	84.05	105.033		
10,600.00	6,840.00	6,721.54	6,721.23	129.18	2.05	-89.97	-1,812.94	-13,303.30	8,736.91	8,651.43	85.48	102.208		
10,700.00	6,840.00	6,721.37	6,721.06	131.70	2.05	-89.97	-1,812.94	-13,303.30	8,646.06	8,559.12	86.95	99.439		
10,800.00	6,840.00	6,721.20	6,720.90	134.24	2.05	-89.97	-1,812.94	-13,303.30	8,555.42	8,466.97	88.45	96.727		
10,900.00	6,840.00	6,721.04	6,720.73	136.79	2.05	-89.96	-1,812.94	-13,303.30	8,464.99	8,375.00	89.99	94.070		
11,000.00	6,840.00	6,720.87	6,720.56	139.34	2.05	-89.96	-1,812.94	-13,303.31	8,374.77	8,283.21	91.56	91.469		
11,100.00	6,840.00	6,720.70	6,720.40	141.90	2.05	-89.96	-1,812.94	-13,303.31	8,284.78	8,191.61	93.17	88.922		
11,200.00	6,840.00	6,720.54	6,720.23	144.46	2.05	-89.96	-1,812.94	-13,303.31	8,195.02	8,100.21	94.82	86.430		
11,300.00	6,840.00	6,720.37	6,720.06	147.03	2.05	-89.95	-1,812.94	-13,303.31	8,105.50	8,009.00	96.50	83.991		
11,400.00	6,840.00	6,720.20	6,719.89	149.60	2.05	-89.95	-1,812.94	-13,303.31	8,016.23	7,918.00	98.23	81.605		
11,500.00	6,840.00	6,720.03	6,719.72	152.18	2.05	-89.95	-1,812.93	-13,303.31	7,927.22	7,827.22	100.00	79.272		
11,600.00	6,840.00	6,719.86	6,719.55	154.77	2.05	-89.95	-1,812.93	-13,303.31	7,838.47	7,736.66	101.81	76.991		
11,700.00	6,840.00	6,719.69	6,719.38	157.36	2.05	-89.94	-1,812.93	-13,303.31	7,749.99	7,646.33	103.66	74.761		
11,800.00	6,840.00	6,719.52	6,719.21	159.95	2.05	-89.94	-1,812.93	-13,303.31	7,661.80	7,556.24	105.56	72.582		
11,900.00	6,840.00	6,719.35	6,719.04	162.55	2.05	-89.94	-1,812.93	-13,303.31	7,573.90	7,466.40	107.50	70.453		
12,000.00	6,840.00	6,719.18	6,718.87	165.16	2.05	-89.93	-1,812.93	-13,303.31	7,486.31	7,376.81	109.49	68.373		
12,100.00	6,840.00	6,719.01	6,718.70	167.76	2.05	-89.93	-1,812.93	-13,303.31	7,399.03	7,287.50	111.53	66.342		
12,200.00	6,840.00	6,718.83	6,718.53	170.37	2.05	-89.93	-1,812.93	-13,303.31	7,312.07	7,198.46	113.61	64.360		
12,300.00	6,840.00	6,718.66	6,718.35	172.99	2.05	-89.93	-1,812.93	-13,303.31	7,225.45	7,109.71	115.75	62.424		
12,400.00	6,840.00	6,718.49	6,718.18	175.60	2.05	-89.92	-1,812.93	-13,303.31	7,139.19	7,021.25	117.93	60.536		
12,500.00	6,840.00	6,718.32	6,718.01	178.23	2.05	-89.92	-1,812.93	-13,303.31	7,053.28	6,933.11	120.17	58.694		
12,600.00	6,840.00	6,718.14	6,717.83	180.85	2.05	-89.92	-1,812.92	-13,303.31	6,967.75	6,845.29	122.46	56.898		
12,700.00	6,840.00	6,717.97	6,717.66	183.47	2.05	-89.92	-1,812.92	-13,303.31	6,882.61	6,757.81	124.81	55.146		
12,800.00	6,840.00	6,717.79	6,717.48	186.10	2.05	-89.91	-1,812.92	-13,303.31	6,797.88	6,670.67	127.21	53.439		
12,900.00	6,840.00	6,717.62	6,717.31	188.74	2.05	-89.91	-1,812.92	-13,303.31	6,713.56	6,583.90	129.67	51.776		
13,000.00	6,840.00	6,717.44	6,717.13	191.37	2.05	-89.91	-1,812.92	-13,303.31	6,629.69	6,497.50	132.18	50.155		
13,100.00	6,840.00	6,717.27	6,716.96	194.01	2.05	-89.90	-1,812.92	-13,303.31	6,546.26	6,411.50	134.76	48.577		
13,200.00	6,840.00	6,717.09	6,716.78	196.65	2.05	-89.90	-1,812.92	-13,303.31	6,463.31	6,325.91	137.40	47.040		
13,300.00	6,840.00	6,716.91	6,716.60	199.29	2.05	-89.90	-1,812.92	-13,303.31	6,380.84	6,240.74	140.10	45.545		
13,400.00	6,840.00	6,716.73	6,716.43	201.93	2.05	-89.90	-1,812.92	-13,303.31	6,298.88	6,156.02	142.87	44.090		
13,500.00	6,840.00	6,716.56	6,716.25	204.58	2.05	-89.89	-1,812.92	-13,303.31	6,217.45	6,071.76	145.70	42.674		
13,600.00	6,840.00	6,716.38	6,716.07	207.22	2.05	-89.89	-1,812.92	-13,303.32	6,136.57	5,987.98	148.59	41.298		
13,700.00	6,840.00	6,716.20	6,715.89	209.87	2.05	-89.89	-1,812.92	-13,303.32	6,056.26	5,904.71	151.56	39.961		
13,800.00	6,840.00	6,716.02	6,715.71	212.52	2.05	-89.89	-1,812.91	-13,303.32	5,976.55	5,821.96	154.59	38.661		
13,900.00	6,840.00	6,715.84	6,715.53	215.18	2.05	-89.88	-1,812.91	-13,303.32	5,897.45	5,739.76	157.69	37.399		
14,000.00	6,840.00	6,715.66	6,715.35	217.83	2.05	-89.88	-1,812.91	-13,303.32	5,818.99	5,658.13	160.87	36.173		
14,100.00	6,840.00	6,715.48	6,715.17	220.49	2.05	-89.88	-1,812.91	-13,303.32	5,741.21	5,577.10	164.11	34.983		
14,200.00	6,840.00	6,715.30	6,714.99	223.15	2.05	-89.87	-1,812.91	-13,303.32	5,664.12	5,496.69	167.43	33.829		
14,300.00	6,840.00	6,715.11	6,714.81	225.81	2.05	-89.87	-1,812.91	-13,303.32	5,587.76	5,416.94	170.82	32.710		
14,400.00	6,840.00	6,714.93	6,714.62	228.47	2.05	-89.87	-1,812.91	-13,303.32	5,512.16	5,337.86	174.29	31.626		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
14,500.00	6,840.00	6,714.75	6,714.44	231.13	2.05	-89.86	-1,812.91	-13,303.32	5,437.34	5,259.50	177.84	30.575		
14,600.00	6,840.00	6,714.57	6,714.26	233.79	2.05	-89.86	-1,812.91	-13,303.32	5,363.34	5,181.89	181.46	29.557		
14,700.00	6,840.00	6,714.38	6,714.07	236.46	2.05	-89.86	-1,812.91	-13,303.32	5,290.20	5,105.05	185.15	28.573		
14,800.00	6,840.00	6,714.20	6,713.89	239.12	2.05	-89.86	-1,812.91	-13,303.32	5,217.95	5,029.03	188.92	27.620		
14,900.00	6,840.00	6,714.01	6,713.70	241.79	2.05	-89.85	-1,812.90	-13,303.32	5,146.63	4,953.87	192.77	26.699		
15,000.00	6,840.00	6,713.83	6,713.52	244.46	2.05	-89.85	-1,812.90	-13,303.32	5,076.28	4,879.59	196.69	25.809		
15,100.00	6,840.00	6,713.64	6,713.33	247.13	2.05	-89.85	-1,812.90	-13,303.32	5,006.94	4,806.25	200.68	24.949		
15,200.00	6,840.00	6,720.65	6,720.35	249.80	2.05	-89.96	-1,812.92	-13,303.30	4,938.63	4,733.88	204.76	24.120		
15,300.00	6,840.00	6,720.27	6,719.96	252.47	2.05	-89.95	-1,812.92	-13,303.30	4,871.44	4,662.54	208.90	23.320		
15,400.00	6,840.00	6,719.89	6,719.58	255.15	2.05	-89.95	-1,812.92	-13,303.30	4,805.38	4,592.27	213.11	22.549		
15,500.00	6,840.00	6,719.51	6,719.20	257.82	2.05	-89.94	-1,812.92	-13,303.30	4,740.52	4,523.13	217.39	21.807		
15,600.00	6,840.00	6,719.13	6,718.82	260.50	2.05	-89.93	-1,812.92	-13,303.30	4,676.89	4,455.16	221.73	21.093		
15,700.00	6,840.00	6,718.75	6,718.44	263.17	2.05	-89.93	-1,812.91	-13,303.30	4,614.55	4,388.42	226.13	20.406		
15,800.00	6,840.00	6,718.38	6,718.07	265.85	2.05	-89.92	-1,812.91	-13,303.30	4,553.56	4,322.96	230.59	19.747		
15,900.00	6,840.00	6,718.01	6,717.70	268.53	2.05	-89.92	-1,812.91	-13,303.30	4,493.96	4,258.85	235.11	19.114		
16,000.00	6,840.00	6,717.64	6,717.33	271.20	2.05	-89.91	-1,812.91	-13,303.31	4,435.82	4,196.15	239.67	18.508		
16,100.00	6,840.00	6,717.28	6,716.97	273.88	2.05	-89.90	-1,812.91	-13,303.31	4,379.19	4,134.92	244.27	17.928		
16,200.00	6,840.00	6,716.92	6,716.61	276.56	2.05	-89.90	-1,812.91	-13,303.31	4,324.13	4,075.22	248.91	17.372		
16,300.00	6,840.00	6,716.56	6,716.25	279.25	2.05	-89.89	-1,812.91	-13,303.31	4,270.70	4,017.12	253.58	16.842		
16,400.00	6,840.00	6,716.20	6,715.89	281.93	2.05	-89.89	-1,812.91	-13,303.31	4,218.97	3,960.71	258.26	16.336		
16,500.00	6,840.00	6,715.84	6,715.54	284.61	2.05	-89.88	-1,812.90	-13,303.31	4,168.99	3,906.03	262.95	15.854		
16,600.00	6,840.00	6,715.49	6,715.18	287.29	2.05	-89.88	-1,812.90	-13,303.31	4,120.83	3,853.18	267.65	15.396		
16,700.00	6,840.00	6,715.14	6,714.83	289.98	2.05	-89.87	-1,812.90	-13,303.31	4,074.56	3,802.23	272.34	14.962		
16,800.00	6,840.00	6,714.79	6,714.48	292.66	2.05	-89.87	-1,812.90	-13,303.31	4,030.24	3,753.24	277.00	14.550		
16,900.00	6,840.00	6,714.45	6,714.14	295.35	2.05	-89.86	-1,812.90	-13,303.31	3,987.94	3,706.31	281.63	14.160		
17,000.00	6,840.00	6,714.10	6,713.80	298.03	2.05	-89.85	-1,812.90	-13,303.32	3,947.71	3,661.50	286.21	13.793		
17,100.00	6,840.00	6,713.76	6,713.45	300.72	2.05	-89.85	-1,812.90	-13,303.32	3,909.63	3,618.90	290.73	13.447		
17,200.00	6,840.00	6,713.42	6,713.12	303.41	2.05	-89.84	-1,812.89	-13,303.32	3,873.76	3,578.58	295.18	13.123		
17,300.00	6,840.00	6,713.09	6,712.78	306.09	2.05	-89.84	-1,812.89	-13,303.32	3,840.16	3,540.62	299.54	12.820		
17,400.00	6,840.00	6,712.75	6,712.44	308.78	2.05	-89.83	-1,812.89	-13,303.32	3,808.89	3,505.09	303.80	12.538		
17,500.00	6,840.00	6,712.42	6,712.11	311.47	2.05	-89.83	-1,812.89	-13,303.32	3,780.00	3,472.07	307.93	12.275		
17,600.00	6,840.00	6,712.09	6,711.78	314.16	2.05	-89.82	-1,812.89	-13,303.32	3,753.56	3,441.62	311.94	12.033		
17,700.00	6,840.00	6,711.76	6,711.45	316.85	2.05	-89.82	-1,812.89	-13,303.32	3,729.61	3,413.82	315.79	11.810		
17,800.00	6,840.00	6,711.44	6,711.13	319.54	2.05	-89.81	-1,812.89	-13,303.32	3,708.21	3,388.73	319.48	11.607		
17,900.00	6,840.00	6,711.11	6,710.80	322.23	2.05	-89.81	-1,812.89	-13,303.32	3,689.39	3,366.40	322.99	11.423		
18,000.00	6,840.00	6,710.79	6,710.48	324.92	2.05	-89.80	-1,812.88	-13,303.33	3,673.20	3,346.89	326.30	11.257		
18,100.00	6,840.00	6,710.47	6,710.16	327.62	2.05	-89.80	-1,812.88	-13,303.33	3,659.67	3,330.25	329.42	11.110		
18,200.00	6,840.00	6,710.15	6,709.85	330.31	2.05	-89.79	-1,812.88	-13,303.33	3,648.83	3,316.52	332.31	10.980		
18,300.00	6,840.00	6,709.84	6,709.53	333.00	2.05	-89.79	-1,812.88	-13,303.33	3,640.71	3,305.73	334.98	10.869		
18,400.00	6,840.00	6,709.52	6,709.22	335.70	2.05	-89.78	-1,812.88	-13,303.33	3,635.32	3,297.91	337.41	10.774		
18,500.00	6,840.00	6,709.21	6,708.90	338.39	2.05	-89.78	-1,812.88	-13,303.33	3,632.68	3,293.09	339.59	10.697		
18,546.04	6,840.00	6,709.07	6,708.76	339.63	2.05	-89.78	-1,812.88	-13,303.33	3,632.39	3,291.87	340.51	10.667 CC		
18,600.00	6,840.00	6,708.90	6,708.60	341.08	2.05	-89.77	-1,812.88	-13,303.33	3,632.79	3,291.26	341.52	10.637 ES		
18,700.00	6,840.00	6,708.60	6,708.29	343.78	2.05	-89.77	-1,812.88	-13,303.33	3,635.65	3,292.44	343.20	10.593		
18,800.00	6,840.00	6,708.29	6,707.98	346.47	2.05	-89.76	-1,812.87	-13,303.33	3,641.25	3,296.63	344.62	10.566		
18,900.00	6,840.00	6,707.99	6,707.68	349.17	2.05	-89.76	-1,812.87	-13,303.33	3,649.59	3,303.80	345.79	10.554 SF		
19,000.00	6,840.00	6,707.68	6,707.38	351.86	2.05	-89.75	-1,812.87	-13,303.33	3,660.64	3,313.95	346.69	10.559		
19,100.00	6,840.00	6,707.38	6,707.08	354.56	2.05	-89.75	-1,812.87	-13,303.33	3,674.38	3,327.04	347.34	10.579		
19,200.00	6,840.00	6,707.09	6,706.78	357.26	2.05	-89.74	-1,812.87	-13,303.34	3,690.78	3,343.04	347.74	10.614		
19,300.00	6,840.00	6,706.79	6,706.48	359.95	2.05	-89.74	-1,812.87	-13,303.34	3,709.81	3,361.91	347.89	10.664		
19,400.00	6,840.00	6,706.49	6,706.19	362.65	2.05	-89.73	-1,812.87	-13,303.34	3,731.42	3,383.61	347.81	10.728		
19,500.00	6,840.00	6,706.20	6,705.89	365.35	2.05	-89.73	-1,812.87	-13,303.34	3,755.56	3,408.07	347.50	10.808		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,600.00	6,840.00	6,705.91	6,705.60	368.05	2.05	-89.73	-1,812.87	-13,303.34	3,782.20	3,435.24	346.96	10.901	
19,700.00	6,840.00	6,705.62	6,705.31	370.74	2.05	-89.72	-1,812.86	-13,303.34	3,811.28	3,465.06	346.22	11.008	
19,800.00	6,840.00	6,705.33	6,705.03	373.44	2.05	-89.72	-1,812.86	-13,303.34	3,842.74	3,497.46	345.28	11.129	
19,900.00	6,840.00	6,705.05	6,704.74	376.14	2.05	-89.71	-1,812.86	-13,303.34	3,876.52	3,532.38	344.15	11.264	
20,000.00	6,840.00	6,704.76	6,704.46	378.84	2.05	-89.71	-1,812.86	-13,303.34	3,912.57	3,569.73	342.84	11.412	
20,100.00	6,840.00	6,704.48	6,704.17	381.54	2.05	-89.70	-1,812.86	-13,303.34	3,950.82	3,609.45	341.37	11.573	
20,200.00	6,840.00	6,704.20	6,703.89	384.24	2.05	-89.70	-1,812.86	-13,303.34	3,991.21	3,651.46	339.76	11.747	
20,300.00	6,840.00	6,703.92	6,703.61	386.94	2.05	-89.69	-1,812.86	-13,303.34	4,033.68	3,695.68	338.00	11.934	
20,400.00	6,840.00	6,703.64	6,703.34	389.64	2.05	-89.69	-1,812.86	-13,303.34	4,078.16	3,742.03	336.12	12.133	
20,500.00	6,840.00	6,703.37	6,703.06	392.34	2.05	-89.69	-1,812.85	-13,303.34	4,124.58	3,790.45	334.13	12.344	
20,600.00	6,840.00	6,703.09	6,702.79	395.04	2.05	-89.68	-1,812.85	-13,303.35	4,172.88	3,840.85	332.03	12.568	
20,609.76	6,840.00	6,703.07	6,702.76	395.31	2.05	-89.68	-1,812.85	-13,303.35	4,177.69	3,845.87	331.83	12.590	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,800.00	6,840.00	6,731.88	6,731.52	134.24	1.91	-89.62	-1,604.21	-14,860.93	9,916.82	9,836.61	80.22	123.627		
10,900.00	6,840.00	6,731.10	6,730.74	136.79	1.91	-89.61	-1,604.20	-14,860.94	9,823.06	9,741.65	81.41	120.658		
11,000.00	6,840.00	6,730.35	6,729.98	139.34	1.91	-89.60	-1,604.18	-14,860.94	9,729.42	9,646.78	82.64	117.738		
11,100.00	6,840.00	6,729.62	6,729.26	141.90	1.91	-89.59	-1,604.17	-14,860.94	9,635.90	9,552.02	83.89	114.869		
11,200.00	6,840.00	6,728.91	6,728.55	144.46	1.91	-89.57	-1,604.16	-14,860.94	9,542.52	9,457.36	85.16	112.048		
11,300.00	6,840.00	6,728.23	6,727.87	147.03	1.91	-89.56	-1,604.15	-14,860.95	9,449.28	9,362.81	86.47	109.277		
11,400.00	6,840.00	6,727.56	6,727.20	149.60	1.91	-89.55	-1,604.14	-14,860.95	9,356.17	9,268.36	87.81	106.554		
11,500.00	6,840.00	6,726.92	6,726.56	152.18	1.91	-89.54	-1,604.13	-14,860.95	9,263.21	9,174.04	89.17	103.880		
11,600.00	6,840.00	6,726.30	6,725.94	154.77	1.91	-89.53	-1,604.12	-14,860.95	9,170.39	9,079.82	90.57	101.254		
11,700.00	6,840.00	6,725.69	6,725.33	157.36	1.91	-89.52	-1,604.11	-14,860.95	9,077.73	8,985.74	92.00	98.676		
11,800.00	6,840.00	6,725.10	6,724.74	159.95	1.91	-89.51	-1,604.10	-14,860.96	8,985.23	8,891.77	93.45	96.146		
11,900.00	6,840.00	6,724.53	6,724.17	162.55	1.91	-89.50	-1,604.09	-14,860.96	8,892.88	8,797.94	94.95	93.663		
12,000.00	6,840.00	6,723.97	6,723.62	165.16	1.91	-89.49	-1,604.08	-14,860.96	8,800.71	8,704.24	96.47	91.226		
12,100.00	6,840.00	6,723.43	6,723.08	167.76	1.91	-89.48	-1,604.08	-14,860.96	8,708.70	8,610.67	98.03	88.836		
12,200.00	6,840.00	6,722.91	6,722.55	170.37	1.91	-89.47	-1,604.07	-14,860.96	8,616.88	8,517.25	99.63	86.492		
12,300.00	6,840.00	6,722.40	6,722.04	172.99	1.91	-89.47	-1,604.06	-14,860.96	8,525.24	8,423.98	101.26	84.193		
12,400.00	6,840.00	6,721.90	6,721.54	175.60	1.91	-89.46	-1,604.05	-14,860.96	8,433.79	8,330.86	102.93	81.940		
12,500.00	6,840.00	6,721.42	6,721.06	178.23	1.91	-89.45	-1,604.04	-14,860.97	8,342.53	8,237.90	104.63	79.732		
12,600.00	6,840.00	6,720.94	6,720.59	180.85	1.91	-89.44	-1,604.04	-14,860.97	8,251.48	8,145.10	106.38	77.567		
12,700.00	6,840.00	6,720.48	6,720.13	183.47	1.91	-89.43	-1,604.03	-14,860.97	8,160.64	8,052.48	108.16	75.447		
12,800.00	6,840.00	6,720.04	6,719.68	186.10	1.91	-89.43	-1,604.02	-14,860.97	8,070.01	7,960.02	109.99	73.370		
12,900.00	6,840.00	6,719.60	6,719.24	188.74	1.91	-89.42	-1,604.02	-14,860.97	7,979.61	7,867.75	111.86	71.335		
13,000.00	6,840.00	6,719.17	6,718.81	191.37	1.91	-89.41	-1,604.01	-14,860.97	7,889.44	7,775.67	113.77	69.344		
13,100.00	6,840.00	6,718.76	6,718.40	194.01	1.91	-89.41	-1,604.00	-14,860.97	7,799.51	7,683.78	115.73	67.394		
13,200.00	6,840.00	6,718.35	6,717.99	196.65	1.91	-89.40	-1,604.00	-14,860.97	7,709.83	7,592.10	117.73	65.486		
13,300.00	6,840.00	6,717.95	6,717.60	199.29	1.91	-89.39	-1,603.99	-14,860.97	7,620.40	7,500.62	119.78	63.618		
13,400.00	6,840.00	6,717.57	6,717.21	201.93	1.91	-89.39	-1,603.98	-14,860.98	7,531.24	7,409.36	121.88	61.792		
13,500.00	6,840.00	6,717.19	6,716.83	204.58	1.91	-89.38	-1,603.98	-14,860.98	7,442.36	7,318.33	124.03	60.005		
13,600.00	6,840.00	6,716.82	6,716.46	207.22	1.91	-89.37	-1,603.97	-14,860.98	7,353.76	7,227.53	126.23	58.258		
13,700.00	6,840.00	6,716.46	6,716.10	209.87	1.91	-89.37	-1,603.97	-14,860.98	7,265.46	7,136.98	128.48	56.551		
13,800.00	6,840.00	6,716.11	6,715.75	212.52	1.91	-89.36	-1,603.96	-14,860.98	7,177.46	7,046.68	130.78	54.881		
13,900.00	6,840.00	6,715.76	6,715.40	215.18	1.91	-89.36	-1,603.96	-14,860.98	7,089.78	6,956.64	133.14	53.251		
14,000.00	6,840.00	6,715.42	6,715.07	217.83	1.91	-89.35	-1,603.95	-14,860.98	7,002.44	6,866.88	135.56	51.657		
14,100.00	6,840.00	6,715.09	6,714.73	220.49	1.91	-89.34	-1,603.95	-14,860.98	6,915.43	6,777.40	138.03	50.101		
14,200.00	6,840.00	6,714.77	6,714.41	223.15	1.91	-89.34	-1,603.94	-14,860.98	6,828.78	6,688.22	140.56	48.582		
14,300.00	6,840.00	6,714.45	6,714.10	225.81	1.91	-89.33	-1,603.94	-14,860.98	6,742.51	6,599.35	143.15	47.099		
14,400.00	6,840.00	6,714.14	6,713.79	228.47	1.91	-89.33	-1,603.93	-14,860.98	6,656.61	6,510.80	145.81	45.652		
14,500.00	6,840.00	6,713.84	6,713.48	231.13	1.91	-89.32	-1,603.93	-14,860.98	6,571.11	6,422.58	148.53	44.241		
14,600.00	6,840.00	6,713.54	6,713.19	233.79	1.91	-89.32	-1,603.92	-14,860.98	6,486.03	6,334.72	151.32	42.864		
14,700.00	6,840.00	6,713.25	6,712.90	236.46	1.91	-89.31	-1,603.92	-14,860.99	6,401.38	6,247.21	154.17	41.521		
14,800.00	6,840.00	6,712.97	6,712.61	239.12	1.91	-89.31	-1,603.91	-14,860.99	6,317.18	6,160.09	157.09	40.213		
14,900.00	6,840.00	6,712.69	6,712.33	241.79	1.91	-89.30	-1,603.91	-14,860.99	6,233.45	6,073.36	160.09	38.938		
15,000.00	6,840.00	6,712.42	6,712.06	244.46	1.91	-89.30	-1,603.90	-14,860.99	6,150.20	5,987.05	163.15	37.696		
15,100.00	6,840.00	6,712.15	6,711.79	247.13	1.91	-89.29	-1,603.90	-14,860.99	6,067.46	5,901.17	166.29	36.487		
15,200.00	6,840.00	6,711.88	6,711.53	249.80	1.91	-89.29	-1,603.90	-14,860.99	5,985.24	5,815.73	169.51	35.310		
15,300.00	6,840.00	6,711.63	6,711.27	252.47	1.91	-89.29	-1,603.89	-14,860.99	5,903.57	5,730.78	172.80	34.165		
15,400.00	6,840.00	6,711.37	6,711.01	255.15	1.91	-89.28	-1,603.89	-14,860.99	5,822.48	5,646.31	176.17	33.050		
15,500.00	6,840.00	6,711.12	6,710.77	257.82	1.91	-89.28	-1,603.89	-14,860.99	5,741.98	5,562.36	179.62	31.967		
15,600.00	6,840.00	6,710.88	6,710.52	260.50	1.91	-89.27	-1,603.88	-14,860.99	5,662.10	5,478.95	183.15	30.914		
15,700.00	6,840.00	6,710.64	6,710.28	263.17	1.91	-89.27	-1,603.88	-14,860.99	5,582.88	5,396.11	186.77	29.892		
15,800.00	6,840.00	6,710.40	6,710.05	265.85	1.91	-89.27	-1,603.87	-14,860.99	5,504.32	5,313.85	190.47	28.898		
15,900.00	6,840.00	6,710.17	6,709.82	268.53	1.91	-89.26	-1,603.87	-14,860.99	5,426.48	5,232.22	194.26	27.934		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
16,000.00	6,840.00	6,709.95	6,709.59	271.20	1.91	-89.26	-1,603.87	-14,860.99	5,349.37	5,151.24	198.13	26.999		
16,100.00	6,840.00	6,709.72	6,709.37	273.88	1.91	-89.25	-1,603.86	-14,860.99	5,273.03	5,070.93	202.09	26.092		
16,200.00	6,840.00	6,709.51	6,709.15	276.56	1.91	-89.25	-1,603.86	-14,860.99	5,197.49	4,991.35	206.14	25.213		
16,300.00	6,840.00	6,709.29	6,708.93	279.25	1.91	-89.25	-1,603.86	-14,860.99	5,122.79	4,912.51	210.28	24.362		
16,400.00	6,840.00	6,709.08	6,708.72	281.93	1.91	-89.24	-1,603.85	-14,860.99	5,048.97	4,834.46	214.51	23.537		
16,500.00	6,840.00	6,708.87	6,708.52	284.61	1.91	-89.24	-1,603.85	-14,860.99	4,976.06	4,757.23	218.83	22.740		
16,600.00	6,840.00	6,708.67	6,708.31	287.29	1.91	-89.24	-1,603.85	-14,860.99	4,904.10	4,680.87	223.23	21.969		
16,700.00	6,840.00	6,708.47	6,708.11	289.98	1.91	-89.23	-1,603.85	-14,860.99	4,833.15	4,605.42	227.73	21.223		
16,800.00	6,840.00	6,708.27	6,707.91	292.66	1.91	-89.23	-1,603.84	-14,860.99	4,763.23	4,530.92	232.31	20.504		
16,900.00	6,840.00	6,708.08	6,707.72	295.35	1.91	-89.23	-1,603.84	-14,860.99	4,694.41	4,457.43	236.97	19.810		
17,000.00	6,840.00	6,707.89	6,707.53	298.03	1.91	-89.22	-1,603.84	-14,860.99	4,626.72	4,385.00	241.72	19.140		
17,100.00	6,840.00	6,707.70	6,707.34	300.72	1.91	-89.22	-1,603.83	-14,861.00	4,560.22	4,313.66	246.56	18.496		
17,200.00	6,840.00	6,707.52	6,707.16	303.41	1.91	-89.22	-1,603.83	-14,861.00	4,494.96	4,243.50	251.47	17.875		
17,300.00	6,840.00	6,707.33	6,706.98	306.09	1.91	-89.21	-1,603.83	-14,861.00	4,431.00	4,174.55	256.45	17.278		
17,400.00	6,840.00	6,707.15	6,706.80	308.78	1.91	-89.21	-1,603.83	-14,861.00	4,368.39	4,106.89	261.50	16.705		
17,500.00	6,840.00	6,706.98	6,706.62	311.47	1.91	-89.21	-1,603.82	-14,861.00	4,307.20	4,040.58	266.62	16.155		
17,600.00	6,840.00	6,706.83	6,706.47	314.16	1.91	-89.21	-1,603.82	-14,861.00	4,247.47	3,975.68	271.79	15.628		
17,700.00	6,840.00	6,706.70	6,706.34	316.85	1.91	-89.20	-1,603.82	-14,861.00	4,189.28	3,912.27	277.02	15.123		
17,800.00	6,840.00	6,706.56	6,706.21	319.54	1.91	-89.20	-1,603.82	-14,861.00	4,132.70	3,850.41	282.28	14.640		
17,900.00	6,840.00	6,706.43	6,706.07	322.23	1.91	-89.20	-1,603.81	-14,861.00	4,077.77	3,790.19	287.58	14.180		
18,000.00	6,840.00	6,706.30	6,705.94	324.92	1.91	-89.20	-1,603.81	-14,861.00	4,024.59	3,731.69	292.90	13.740		
18,100.00	6,840.00	6,706.17	6,705.81	327.62	1.91	-89.20	-1,603.81	-14,861.00	3,973.21	3,674.97	298.24	13.322		
18,200.00	6,840.00	6,706.04	6,705.68	330.31	1.91	-89.19	-1,603.81	-14,861.00	3,923.71	3,620.13	303.57	12.925		
18,300.00	6,840.00	6,705.91	6,705.55	333.00	1.91	-89.19	-1,603.81	-14,861.00	3,876.15	3,567.26	308.89	12.549		
18,400.00	6,840.00	6,705.78	6,705.42	335.70	1.91	-89.19	-1,603.80	-14,861.00	3,830.62	3,516.44	314.18	12.192		
18,500.00	6,840.00	6,705.65	6,705.29	338.39	1.91	-89.19	-1,603.80	-14,861.00	3,787.18	3,467.75	319.43	11.856		
18,600.00	6,840.00	6,705.52	6,705.16	341.08	1.91	-89.18	-1,603.80	-14,861.00	3,745.90	3,421.29	324.61	11.540		
18,700.00	6,840.00	6,705.39	6,705.03	343.78	1.91	-89.18	-1,603.80	-14,861.00	3,706.87	3,377.15	329.72	11.242		
18,800.00	6,840.00	6,705.26	6,704.91	346.47	1.91	-89.18	-1,603.80	-14,861.00	3,670.14	3,335.41	334.73	10.965		
18,900.00	6,840.00	6,705.14	6,704.78	349.17	1.91	-89.18	-1,603.79	-14,861.00	3,635.80	3,296.18	339.62	10.705		
19,000.00	6,840.00	6,705.01	6,704.65	351.86	1.91	-89.18	-1,603.79	-14,861.00	3,603.90	3,259.52	344.38	10.465		
19,100.00	6,840.00	6,704.89	6,704.53	354.56	1.91	-89.17	-1,603.79	-14,861.00	3,574.52	3,225.54	348.98	10.243		
19,200.00	6,840.00	6,704.76	6,704.40	357.26	1.91	-89.17	-1,603.79	-14,861.00	3,547.71	3,194.31	353.41	10.039		
19,300.00	6,840.00	6,704.64	6,704.28	359.95	1.91	-89.17	-1,603.79	-14,861.00	3,523.54	3,165.90	357.64	9.852		
19,400.00	6,840.00	6,704.51	6,704.16	362.65	1.91	-89.17	-1,603.79	-14,861.00	3,502.06	3,140.41	361.65	9.683		
19,500.00	6,840.00	6,704.39	6,704.03	365.35	1.91	-89.17	-1,603.78	-14,861.00	3,483.32	3,117.88	365.44	9.532		
19,600.00	6,840.00	6,704.27	6,703.91	368.05	1.91	-89.16	-1,603.78	-14,861.00	3,467.36	3,098.39	368.97	9.397		
19,700.00	6,840.00	6,704.14	6,703.79	370.74	1.91	-89.16	-1,603.78	-14,861.00	3,454.22	3,081.98	372.24	9.280		
19,800.00	6,840.00	6,704.02	6,703.67	373.44	1.91	-89.16	-1,603.78	-14,861.00	3,443.94	3,068.72	375.23	9.178		
19,900.00	6,840.00	6,703.90	6,703.54	376.14	1.91	-89.16	-1,603.78	-14,861.00	3,436.54	3,058.62	377.92	9.093		
20,000.00	6,840.00	6,703.78	6,703.42	378.84	1.91	-89.16	-1,603.77	-14,861.00	3,432.04	3,051.73	380.31	9.024		
20,100.00	6,840.00	6,703.66	6,703.30	381.54	1.91	-89.15	-1,603.77	-14,861.00	3,430.45	3,048.06	382.38	8.971		
20,104.61	6,840.00	6,703.65	6,703.30	381.66	1.91	-89.15	-1,603.77	-14,861.00	3,430.44	3,047.97	382.47	8.969 CC		
20,200.00	6,840.00	6,703.54	6,703.18	384.24	1.91	-89.15	-1,603.77	-14,861.00	3,431.77	3,047.63	384.14	8.934 ES		
20,300.00	6,840.00	6,703.42	6,703.06	386.94	1.91	-89.15	-1,603.77	-14,861.00	3,436.00	3,050.43	385.57	8.911		
20,400.00	6,840.00	6,703.30	6,702.95	389.64	1.91	-89.15	-1,603.77	-14,861.00	3,443.14	3,056.46	386.68	8.904 SF		
20,500.00	6,840.00	6,703.18	6,702.83	392.34	1.91	-89.15	-1,603.77	-14,861.00	3,453.15	3,065.69	387.46	8.912		
20,600.00	6,840.00	6,703.07	6,702.71	395.04	1.91	-89.14	-1,603.76	-14,861.00	3,466.03	3,078.10	387.93	8.935		
20,609.76	6,840.00	6,703.06	6,702.70	395.31	1.91	-89.14	-1,603.76	-14,861.00	3,467.44	3,079.48	387.96	8.938		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
7,700.00	6,839.51	5,489.00	5,477.47	63.39	17.93	16.50	2,424.68	-12,320.87	9,979.63	9,919.85	59.78	166.938		
7,800.00	6,840.00	5,681.00	5,667.13	65.19	18.68	30.70	2,445.84	-12,341.78	9,880.61	9,820.28	60.33	163.770		
7,900.00	6,840.00	5,681.00	5,667.13	67.04	18.68	30.70	2,445.84	-12,341.78	9,781.40	9,721.14	60.26	162.316		
8,000.00	6,840.00	5,681.00	5,667.13	68.95	18.68	30.70	2,445.84	-12,341.78	9,682.21	9,622.02	60.19	160.858		
8,100.00	6,840.00	5,681.00	5,667.13	70.91	18.68	30.70	2,445.84	-12,341.78	9,583.03	9,522.91	60.12	159.397		
8,200.00	6,840.00	5,705.62	5,691.46	72.91	18.78	31.41	2,448.77	-12,344.12	9,483.71	9,423.59	60.12	157.743		
8,300.00	6,840.00	5,707.62	5,693.44	74.96	18.79	31.46	2,449.02	-12,344.32	9,384.55	9,324.49	60.05	156.266		
8,400.00	6,840.00	5,709.65	5,695.45	77.05	18.79	31.52	2,449.27	-12,344.53	9,285.40	9,225.41	59.99	154.787		
8,500.00	6,840.00	5,711.72	5,697.49	79.18	18.80	31.58	2,449.53	-12,344.74	9,186.26	9,126.34	59.92	153.304		
8,600.00	6,840.00	5,713.83	5,699.56	81.34	18.81	31.65	2,449.79	-12,344.95	9,087.14	9,027.29	59.86	151.819		
8,700.00	6,840.00	5,715.96	5,701.67	83.54	18.82	31.71	2,450.06	-12,345.18	8,988.04	8,928.25	59.79	150.331		
8,800.00	6,840.00	5,718.13	5,703.81	85.76	18.83	31.77	2,450.33	-12,345.40	8,888.95	8,829.23	59.72	148.840		
8,900.00	6,840.00	5,720.34	5,705.99	88.02	18.84	31.84	2,450.62	-12,345.64	8,789.89	8,730.23	59.66	147.345		
9,000.00	6,840.00	5,745.00	5,730.28	90.30	18.93	32.59	2,453.87	-12,348.37	8,690.98	8,631.34	59.64	145.723		
9,100.00	6,840.00	5,745.00	5,730.28	92.60	18.93	32.59	2,453.87	-12,348.37	8,591.92	8,532.36	59.57	144.239		
9,200.00	6,840.00	6,962.00	6,940.62	94.93	23.36	106.77	2,517.98	-12,399.00	8,492.41	8,430.47	61.94	137.112		
9,300.00	6,840.00	6,962.00	6,940.62	97.28	23.36	106.77	2,517.98	-12,399.00	8,392.78	8,331.00	61.78	135.840		
9,400.00	6,840.00	6,946.85	6,925.49	99.65	23.31	105.62	2,518.52	-12,399.29	8,293.14	8,231.54	61.60	134.620		
9,500.00	6,840.00	6,945.93	6,924.56	102.03	23.31	105.55	2,518.56	-12,399.31	8,193.53	8,132.09	61.45	133.343		
9,600.00	6,840.00	6,944.99	6,923.63	104.43	23.31	105.47	2,518.59	-12,399.33	8,093.93	8,032.65	61.29	132.064		
9,700.00	6,840.00	6,944.04	6,922.68	106.85	23.30	105.40	2,518.62	-12,399.35	7,994.35	7,933.22	61.13	130.781		
9,800.00	6,840.00	6,943.08	6,921.72	109.29	23.30	105.33	2,518.66	-12,399.37	7,894.77	7,833.80	60.97	129.494		
9,900.00	6,840.00	6,942.11	6,920.75	111.73	23.30	105.25	2,518.69	-12,399.39	7,795.20	7,734.40	60.80	128.204		
10,000.00	6,840.00	6,941.12	6,919.76	114.19	23.30	105.18	2,518.73	-12,399.41	7,695.64	7,635.01	60.64	126.910		
10,100.00	6,840.00	6,940.11	6,918.75	116.66	23.29	105.10	2,518.76	-12,399.43	7,596.10	7,535.63	60.47	125.612		
10,200.00	6,840.00	6,939.10	6,917.74	119.15	23.29	105.02	2,518.80	-12,399.45	7,496.57	7,436.26	60.31	124.310		
10,300.00	6,840.00	6,938.06	6,916.71	121.64	23.29	104.94	2,518.84	-12,399.48	7,397.05	7,336.91	60.14	123.002		
10,400.00	6,840.00	6,937.02	6,915.66	124.14	23.28	104.86	2,518.87	-12,399.50	7,297.54	7,237.57	59.97	121.690		
10,500.00	6,840.00	6,935.95	6,914.60	126.65	23.28	104.78	2,518.91	-12,399.52	7,198.04	7,138.24	59.80	120.372		
10,600.00	6,840.00	6,934.88	6,913.52	129.18	23.28	104.70	2,518.95	-12,399.55	7,098.56	7,038.93	59.63	119.048		
10,700.00	6,840.00	6,933.78	6,912.43	131.70	23.27	104.62	2,518.99	-12,399.57	6,999.09	6,939.64	59.46	117.717		
10,800.00	6,840.00	6,932.67	6,911.32	134.24	23.27	104.53	2,519.03	-12,399.60	6,899.64	6,840.36	59.29	116.379		
10,900.00	6,840.00	6,931.54	6,910.19	136.79	23.26	104.44	2,519.07	-12,399.62	6,800.21	6,741.09	59.11	115.034		
11,000.00	6,840.00	6,930.40	6,909.05	139.34	23.26	104.35	2,519.11	-12,399.65	6,700.79	6,641.84	58.94	113.681		
11,100.00	6,840.00	6,929.24	6,907.89	141.90	23.26	104.27	2,519.15	-12,399.68	6,601.39	6,542.61	58.77	112.319		
11,200.00	6,840.00	6,928.06	6,906.71	144.46	23.25	104.17	2,519.19	-12,399.70	6,502.00	6,443.40	58.60	110.947		
11,300.00	6,840.00	6,926.86	6,905.51	147.03	23.25	104.08	2,519.24	-12,399.73	6,402.64	6,344.20	58.44	109.565		
11,400.00	6,840.00	6,925.64	6,904.30	149.60	23.25	103.99	2,519.28	-12,399.76	6,303.29	6,245.02	58.27	108.171		
11,500.00	6,840.00	6,924.41	6,903.06	152.18	23.24	103.89	2,519.32	-12,399.79	6,203.96	6,145.86	58.11	106.765		
11,600.00	6,840.00	6,923.15	6,901.81	154.77	23.24	103.80	2,519.37	-12,399.82	6,104.66	6,046.71	57.95	105.346		
11,700.00	6,840.00	6,921.88	6,900.54	157.36	23.23	103.70	2,519.42	-12,399.85	6,005.38	5,947.59	57.79	103.913		
11,800.00	6,840.00	6,920.58	6,899.24	159.95	23.23	103.60	2,519.46	-12,399.88	5,906.12	5,848.48	57.64	102.463		
11,900.00	6,840.00	6,919.27	6,897.93	162.55	23.23	103.49	2,519.51	-12,399.91	5,806.89	5,749.39	57.50	100.997		
12,000.00	6,840.00	6,917.93	6,896.59	165.16	23.22	103.39	2,519.56	-12,399.95	5,707.68	5,650.33	57.36	99.513		
12,100.00	6,840.00	6,916.57	6,895.23	167.76	23.22	103.28	2,519.60	-12,399.98	5,608.50	5,551.28	57.22	98.008		
12,200.00	6,840.00	6,915.18	6,893.85	170.37	23.21	103.18	2,519.65	-12,400.02	5,509.35	5,452.25	57.10	96.482		
12,300.00	6,840.00	6,913.78	6,892.44	172.99	23.21	103.07	2,519.70	-12,400.05	5,410.23	5,353.24	56.99	94.933		
12,400.00	6,840.00	6,912.35	6,891.01	175.60	23.20	102.96	2,519.76	-12,400.09	5,311.15	5,254.26	56.89	93.358		
12,500.00	6,840.00	6,910.89	6,889.56	178.23	23.20	102.84	2,519.81	-12,400.13	5,212.09	5,155.29	56.80	91.756		
12,600.00	6,840.00	6,909.41	6,888.08	180.85	23.19	102.73	2,519.86	-12,400.17	5,113.08	5,056.34	56.73	90.125		
12,700.00	6,840.00	12,700.00	6,861.77	183.47	41.81	100.66	2,520.73	-12,400.81	5,014.09	4,938.49	75.60	66.322		
12,800.00	6,840.00	12,800.00	6,859.54	186.10	42.13	100.49	2,520.80	-12,400.86	4,915.14	4,839.23	75.91	64.751		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
12,900.00	6,840.00	12,900.00	6,857.31	188.74	42.46	100.31	2,520.87	-12,400.91	4,816.24	4,740.00	76.24	63.172		
13,000.00	6,840.00	13,000.00	6,855.08	191.37	42.78	100.13	2,520.94	-12,400.96	4,717.37	4,640.77	76.60	61.586		
13,100.00	6,840.00	6,914.32	6,892.98	194.01	23.21	103.11	2,519.67	-12,400.00	4,618.61	4,561.94	56.67	81.500		
13,200.00	6,840.00	6,906.53	6,885.20	196.65	23.18	102.50	2,519.96	-12,400.23	4,519.86	4,463.10	56.77	79.620		
13,300.00	6,840.00	6,899.22	6,877.90	199.29	23.16	101.93	2,520.22	-12,400.44	4,421.17	4,364.27	56.91	77.693		
13,400.00	6,840.00	6,892.35	6,871.04	201.93	23.14	101.39	2,520.47	-12,400.63	4,322.54	4,265.45	57.09	75.719		
13,500.00	6,840.00	6,885.87	6,864.57	204.58	23.12	100.88	2,520.69	-12,400.81	4,223.96	4,166.65	57.32	73.696		
13,600.00	6,840.00	6,879.76	6,858.46	207.22	23.10	100.40	2,520.90	-12,400.97	4,125.45	4,067.85	57.60	71.622		
13,700.00	6,840.00	6,873.98	6,852.68	209.87	23.08	99.94	2,521.10	-12,401.11	4,027.01	3,969.06	57.94	69.498		
13,800.00	6,840.00	6,868.51	6,847.22	212.52	23.06	99.51	2,521.28	-12,401.25	3,928.64	3,870.29	58.35	67.324		
13,900.00	6,840.00	6,863.32	6,842.03	215.18	23.05	99.10	2,521.45	-12,401.38	3,830.36	3,771.52	58.84	65.099		
14,000.00	6,840.00	6,858.39	6,837.11	217.83	23.03	98.71	2,521.61	-12,401.49	3,732.16	3,672.75	59.40	62.826		
14,100.00	6,840.00	6,853.71	6,832.43	220.49	23.02	98.33	2,521.76	-12,401.60	3,634.05	3,573.99	60.06	60.507		
14,200.00	6,840.00	6,849.25	6,827.97	223.15	23.00	97.98	2,521.90	-12,401.70	3,536.06	3,475.24	60.82	58.144		
14,300.00	6,840.00	6,845.00	6,823.72	225.81	22.99	97.64	2,522.03	-12,401.79	3,438.17	3,376.49	61.68	55.744		
14,400.00	6,840.00	6,840.94	6,819.67	228.47	22.98	97.31	2,522.15	-12,401.88	3,340.40	3,277.74	62.66	53.309		
14,500.00	6,840.00	6,837.07	6,815.80	231.13	22.96	97.00	2,522.27	-12,401.96	3,242.77	3,179.00	63.77	50.848		
14,600.00	6,840.00	6,833.36	6,812.10	233.79	22.95	96.71	2,522.38	-12,402.03	3,145.29	3,080.26	65.03	48.366		
14,700.00	6,840.00	6,829.82	6,808.56	236.46	22.94	96.42	2,522.49	-12,402.10	3,047.97	2,981.52	66.45	45.872		
14,800.00	6,840.00	6,826.42	6,805.16	239.12	22.93	96.15	2,522.58	-12,402.17	2,950.82	2,882.79	68.03	43.375		
14,900.00	6,840.00	6,823.17	6,801.91	241.79	22.92	95.89	2,522.68	-12,402.23	2,853.87	2,784.06	69.80	40.883		
15,000.00	6,840.00	6,820.04	6,798.78	244.46	22.91	95.64	2,522.77	-12,402.29	2,757.13	2,685.34	71.79	38.408		
15,100.00	6,840.00	6,817.04	6,795.78	247.13	22.90	95.39	2,522.85	-12,402.35	2,660.63	2,586.64	73.99	35.958		
15,200.00	6,840.00	6,814.15	6,792.90	249.80	22.89	95.16	2,522.93	-12,402.40	2,564.40	2,487.95	76.45	33.544		
15,300.00	6,840.00	6,811.38	6,790.12	252.47	22.88	94.94	2,523.01	-12,402.45	2,468.47	2,389.29	79.18	31.176		
15,400.00	6,840.00	6,808.70	6,787.45	255.15	22.87	94.72	2,523.09	-12,402.49	2,372.87	2,290.66	82.21	28.863		
15,500.00	6,840.00	6,806.13	6,784.88	257.82	22.86	94.52	2,523.16	-12,402.54	2,277.64	2,192.06	85.58	26.615		
15,600.00	6,840.00	6,803.65	6,782.40	260.50	22.86	94.32	2,523.22	-12,402.58	2,182.84	2,093.53	89.32	24.439		
15,700.00	6,840.00	6,801.35	6,780.10	263.17	22.85	94.13	2,523.29	-12,402.62	2,088.53	1,995.06	93.47	22.344		
15,800.00	6,840.00	6,799.30	6,778.05	265.85	22.84	93.96	2,523.34	-12,402.65	1,994.76	1,896.68	98.09	20.337		
15,900.00	6,840.00	6,797.29	6,776.04	268.53	22.84	93.80	2,523.39	-12,402.68	1,901.63	1,798.41	103.22	18.422		
16,000.00	6,840.00	6,795.31	6,774.06	271.20	22.83	93.64	2,523.44	-12,402.71	1,809.24	1,700.29	108.95	16.606		
16,100.00	6,840.00	6,793.36	6,772.11	273.88	22.82	93.49	2,523.50	-12,402.74	1,717.69	1,602.35	115.34	14.893		
16,200.00	6,840.00	6,791.44	6,770.20	276.56	22.82	93.33	2,523.55	-12,402.77	1,627.13	1,504.66	122.47	13.286		
16,300.00	6,840.00	6,789.55	6,768.31	279.25	22.81	93.18	2,523.59	-12,402.80	1,537.75	1,407.28	130.47	11.787		
16,400.00	6,840.00	6,787.69	6,766.45	281.93	22.81	93.03	2,523.64	-12,402.83	1,449.75	1,310.32	139.42	10.398		
16,500.00	6,840.00	6,785.86	6,764.62	284.61	22.80	92.88	2,523.69	-12,402.86	1,363.40	1,213.92	149.48	9.121		
16,600.00	6,840.00	6,784.06	6,762.82	287.29	22.79	92.73	2,523.73	-12,402.89	1,279.04	1,118.26	160.78	7.955		
16,700.00	6,840.00	6,782.29	6,761.05	289.98	22.79	92.59	2,523.78	-12,402.91	1,197.09	1,023.62	173.47	6.901		
16,800.00	6,840.00	6,780.54	6,759.30	292.66	22.78	92.45	2,523.82	-12,402.94	1,118.08	930.40	187.68	5.957		
16,900.00	6,840.00	6,778.82	6,757.58	295.35	22.78	92.31	2,523.86	-12,402.97	1,042.68	839.15	203.53	5.123		
17,000.00	6,840.00	6,777.12	6,755.89	298.03	22.77	92.17	2,523.90	-12,402.99	971.72	750.68	221.04	4.396		
17,100.00	6,840.00	6,775.45	6,754.22	300.72	22.77	92.04	2,523.94	-12,403.01	906.26	666.17	240.08	3.775		
17,200.00	6,840.00	6,773.81	6,752.57	303.41	22.76	91.91	2,523.98	-12,403.04	847.56	587.27	260.29	3.256		
17,300.00	6,840.00	6,772.19	6,750.95	306.09	22.76	91.77	2,524.02	-12,403.06	797.13	516.22	280.91	2.838		
17,400.00	6,840.00	6,770.59	6,749.35	308.78	22.75	91.65	2,524.06	-12,403.09	756.61	455.88	300.73	2.516		
17,500.00	6,840.00	6,769.01	6,747.78	311.47	22.75	91.52	2,524.09	-12,403.11	727.67	409.54	318.13	2.287		
17,600.00	6,840.00	6,767.46	6,746.23	314.16	22.74	91.39	2,524.13	-12,403.13	711.71	380.39	331.33	2.148		
17,664.84	6,840.00	6,766.47	6,745.23	315.91	22.74	91.31	2,524.15	-12,403.14	708.76	371.81	336.95	2.103 CC		
17,700.00	6,840.00	6,765.93	6,744.70	316.85	22.74	91.27	2,524.16	-12,403.15	709.63	370.70	338.92	2.094 ES, SF		
17,800.00	6,840.00	6,764.42	6,743.19	319.54	22.73	91.15	2,524.20	-12,403.17	721.53	381.16	340.37	2.120		
17,900.00	6,840.00	6,762.94	6,741.70	322.23	22.73	91.03	2,524.23	-12,403.19	746.74	410.60	336.15	2.221		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	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)			
18,000.00	6,840.00	6,761.47	6,740.24	324.92	22.72	90.91	2,524.27	-12,403.21	783.99	456.48	327.51	2.394		
18,100.00	6,840.00	6,760.02	6,738.79	327.62	22.72	90.79	2,524.30	-12,403.23	831.66	515.67	315.99	2.632		
18,200.00	6,840.00	6,758.59	6,737.36	330.31	22.71	90.68	2,524.33	-12,403.25	888.07	585.09	302.99	2.931		
18,300.00	6,840.00	6,757.19	6,735.96	333.00	22.71	90.56	2,524.36	-12,403.27	951.67	662.13	289.55	3.287		
18,400.00	6,840.00	6,755.80	6,734.57	335.70	22.70	90.45	2,524.39	-12,403.29	1,021.12	744.75	276.37	3.695		
18,500.00	6,840.00	6,754.43	6,733.20	338.39	22.70	90.34	2,524.42	-12,403.31	1,095.30	831.45	263.86	4.151		
18,600.00	6,840.00	6,753.08	6,731.85	341.08	22.69	90.23	2,524.45	-12,403.32	1,173.32	921.11	252.21	4.652		
18,700.00	6,840.00	6,751.74	6,730.52	343.78	22.69	90.12	2,524.48	-12,403.34	1,254.47	1,012.96	241.51	5.194		
18,800.00	6,840.00	6,750.43	6,729.20	346.47	22.69	90.02	2,524.51	-12,403.36	1,338.16	1,106.44	231.73	5.775		
18,900.00	6,840.00	6,749.13	6,727.90	349.17	22.68	89.91	2,524.53	-12,403.38	1,423.96	1,201.13	222.83	6.390		
19,000.00	6,840.00	6,747.85	6,726.62	351.86	22.68	89.81	2,524.56	-12,403.39	1,511.51	1,296.77	214.74	7.039		
19,100.00	6,840.00	6,746.58	6,725.35	354.56	22.67	89.71	2,524.59	-12,403.41	1,600.51	1,393.12	207.39	7.717		
19,200.00	6,840.00	6,745.33	6,724.11	357.26	22.67	89.60	2,524.61	-12,403.42	1,690.74	1,490.04	200.71	8.424		
19,300.00	6,840.00	6,744.10	6,722.87	359.95	22.67	89.50	2,524.64	-12,403.44	1,782.02	1,587.40	194.62	9.157		
19,400.00	6,840.00	6,742.88	6,721.65	362.65	22.66	89.41	2,524.66	-12,403.46	1,874.18	1,685.12	189.06	9.913		
19,500.00	6,840.00	6,741.68	6,720.45	365.35	22.66	89.31	2,524.69	-12,403.47	1,967.11	1,783.14	183.97	10.693		
19,600.00	6,840.00	6,740.49	6,719.27	368.05	22.65	89.21	2,524.71	-12,403.48	2,060.70	1,881.39	179.31	11.493		
19,700.00	6,840.00	6,739.32	6,718.09	370.74	22.65	89.12	2,524.74	-12,403.50	2,154.87	1,979.84	175.02	12.312		
19,800.00	6,840.00	6,738.16	6,716.94	373.44	22.65	89.03	2,524.76	-12,403.51	2,249.54	2,078.46	171.07	13.149		
19,900.00	6,840.00	6,737.02	6,715.79	376.14	22.64	88.93	2,524.78	-12,403.53	2,344.65	2,177.22	167.43	14.004		
20,000.00	6,840.00	6,735.89	6,714.66	378.84	22.64	88.84	2,524.80	-12,403.54	2,440.15	2,276.09	164.06	14.874		
20,100.00	6,840.00	6,734.77	6,713.55	381.54	22.64	88.75	2,524.83	-12,403.55	2,536.00	2,375.06	160.93	15.758		
20,200.00	6,840.00	6,733.67	6,712.44	384.24	22.63	88.66	2,524.85	-12,403.57	2,632.15	2,474.13	158.03	16.656		
20,300.00	6,840.00	6,732.58	6,711.35	386.94	22.63	88.57	2,524.87	-12,403.58	2,728.58	2,573.26	155.32	17.567		
20,400.00	6,840.00	6,731.50	6,710.28	389.64	22.63	88.49	2,524.89	-12,403.59	2,825.26	2,672.46	152.80	18.490		
20,500.00	6,840.00	6,730.44	6,709.21	392.34	22.62	88.40	2,524.91	-12,403.61	2,922.17	2,771.72	150.44	19.424		
20,600.00	6,840.00	6,729.39	6,708.16	395.04	22.62	88.32	2,524.93	-12,403.62	3,019.27	2,871.04	148.23	20.368		
20,609.76	6,840.00	6,729.28	6,708.06	395.31	22.62	88.31	2,524.93	-12,403.62	3,028.75	2,880.73	148.03	20.461		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,300.00	4,917.33	5,300.00	5,039.09	38.23	21.68	-57.96	-1,249.77	-11,065.68	9,995.00	9,940.10	54.90	182.066		
5,400.00	5,007.92	5,166.93	5,101.29	39.09	21.05	-58.16	-1,261.34	-11,061.17	9,968.53	9,913.44	55.09	180.958		
5,500.00	5,098.51	5,500.00	5,190.28	39.95	22.65	-58.45	-1,277.54	-11,055.14	9,942.59	9,885.08	57.51	172.897		
5,600.00	5,189.11	5,358.67	5,289.74	40.81	21.97	-58.76	-1,294.27	-11,048.38	9,916.57	9,858.92	57.65	172.010		
5,700.00	5,279.70	5,410.03	5,340.29	41.68	22.21	-58.92	-1,302.70	-11,045.07	9,890.99	9,832.27	58.72	168.434		
5,800.00	5,370.29	5,477.49	5,406.68	42.54	22.52	-59.13	-1,313.87	-11,040.84	9,865.85	9,805.98	59.87	164.776		
5,900.00	5,460.88	5,543.69	5,471.81	43.40	22.84	-59.34	-1,325.00	-11,036.75	9,841.10	9,780.07	61.03	161.260		
6,000.00	5,551.47	5,635.50	5,562.06	44.26	23.27	-59.64	-1,340.90	-11,031.06	9,816.72	9,754.41	62.30	157.565		
6,100.00	5,642.07	5,681.00	5,606.86	45.13	23.49	-59.78	-1,348.32	-11,028.26	9,792.51	9,729.15	63.36	154.550		
6,200.00	5,732.66	5,736.52	5,661.59	45.99	23.74	-59.95	-1,357.11	-11,025.12	9,768.81	9,704.35	64.46	151.542		
6,300.00	5,823.25	5,775.00	5,699.54	46.85	23.92	-60.07	-1,363.16	-11,023.24	9,745.87	9,680.38	65.49	148.820		
6,400.00	5,913.84	6,036.66	5,955.14	47.72	25.25	-60.95	-1,415.36	-11,004.24	9,721.83	9,654.15	67.69	143.633		
6,500.00	6,004.44	6,125.63	6,041.56	48.58	25.72	-61.27	-1,435.04	-10,996.58	9,698.13	9,629.10	69.03	140.501		
6,600.00	6,095.03	6,191.91	6,106.17	49.44	26.06	-61.50	-1,448.83	-10,991.10	9,674.71	9,604.48	70.24	137.746		
6,700.00	6,185.62	6,245.00	6,158.09	50.30	26.33	-61.68	-1,459.13	-10,987.09	9,651.79	9,580.42	71.37	135.228		
6,800.00	6,276.21	6,284.81	6,197.17	51.17	26.52	-61.81	-1,466.25	-10,984.43	9,629.47	9,557.04	72.43	132.949		
6,900.00	6,366.80	6,339.00	6,250.60	52.03	26.78	-61.98	-1,474.80	-10,981.52	9,607.84	9,534.29	73.55	130.625		
7,000.00	6,457.40	6,453.42	6,363.71	52.89	27.29	-62.34	-1,491.15	-10,975.95	9,586.58	9,511.65	74.93	127.940		
7,100.00	6,545.60	6,491.16	6,401.00	53.85	27.45	-53.27	-1,496.58	-10,974.12	9,559.34	9,483.32	76.02	125.750		
7,200.00	6,626.13	6,650.04	6,557.67	55.05	28.19	-48.81	-1,521.39	-10,965.13	9,517.01	9,439.23	77.78	122.357		
7,300.00	6,696.49	6,684.09	6,591.12	56.46	28.35	-47.63	-1,527.33	-10,962.86	9,460.75	9,381.71	79.04	119.692		
7,400.00	6,754.56	6,718.00	6,624.39	58.05	28.51	-49.58	-1,533.47	-10,960.61	9,392.66	9,312.33	80.33	116.924		
7,500.00	6,798.57	6,759.98	6,665.59	59.78	28.71	-55.22	-1,541.04	-10,957.86	9,314.65	9,233.00	81.65	114.087		
7,600.00	6,827.18	6,798.27	6,703.23	61.58	28.90	-66.08	-1,547.62	-10,955.39	9,228.94	9,146.06	82.88	111.350		
7,700.00	6,839.51	6,807.94	6,712.75	63.39	28.95	-84.23	-1,549.24	-10,954.77	9,138.13	9,054.25	83.88	108.945		
7,800.00	6,840.00	6,796.51	6,701.50	65.19	28.89	-89.65	-1,547.33	-10,955.51	9,045.26	8,960.57	84.69	106.810		
7,900.00	6,840.00	6,784.08	6,689.28	67.04	28.83	-89.44	-1,545.22	-10,956.30	8,952.47	8,866.96	85.51	104.697		
8,000.00	6,840.00	6,771.54	6,676.95	68.95	28.77	-89.23	-1,543.06	-10,957.11	8,859.83	8,773.47	86.36	102.596		
8,100.00	6,840.00	6,758.87	6,664.51	70.91	28.71	-89.02	-1,540.84	-10,957.93	8,767.34	8,680.11	87.23	100.508		
8,200.00	6,840.00	6,746.08	6,651.95	72.91	28.65	-88.80	-1,538.57	-10,958.77	8,675.01	8,586.88	88.13	98.434		
8,300.00	6,840.00	6,733.16	6,639.27	74.96	28.59	-88.58	-1,536.25	-10,959.61	8,582.85	8,493.79	89.06	96.374		
8,400.00	6,840.00	6,720.12	6,626.47	77.05	28.52	-88.36	-1,533.86	-10,960.47	8,490.84	8,400.83	90.01	94.330		
8,500.00	6,840.00	6,718.00	6,624.39	79.18	28.51	-88.33	-1,533.47	-10,960.61	8,399.02	8,307.96	91.05	92.241		
8,600.00	6,840.00	6,718.00	6,624.39	81.34	28.51	-88.33	-1,533.47	-10,960.61	8,307.38	8,215.24	92.14	90.160		
8,700.00	6,840.00	6,718.00	6,624.39	83.54	28.51	-88.33	-1,533.47	-10,960.61	8,215.94	8,122.68	93.26	88.099		
8,800.00	6,840.00	6,718.00	6,624.39	85.76	28.51	-88.33	-1,533.47	-10,960.61	8,124.70	8,030.29	94.41	86.060		
8,900.00	6,840.00	6,699.85	6,606.59	88.02	28.43	-88.02	-1,530.15	-10,961.81	8,033.63	7,938.15	95.49	84.134		
9,000.00	6,840.00	6,696.08	6,602.89	90.30	28.41	-87.96	-1,529.47	-10,962.06	7,942.80	7,846.12	96.68	82.155		
9,100.00	6,840.00	6,692.30	6,599.18	92.60	28.39	-87.89	-1,528.80	-10,962.31	7,852.19	7,754.28	97.91	80.199		
9,200.00	6,840.00	6,688.51	6,595.47	94.93	28.37	-87.83	-1,528.12	-10,962.56	7,761.80	7,662.63	99.17	78.266		
9,300.00	6,840.00	6,684.72	6,591.74	97.28	28.35	-87.76	-1,527.44	-10,962.81	7,671.65	7,571.18	100.47	76.357		
9,400.00	6,840.00	6,680.93	6,588.02	99.65	28.33	-87.70	-1,526.77	-10,963.07	7,581.75	7,479.94	101.81	74.472		
9,500.00	6,840.00	6,677.13	6,584.28	102.03	28.32	-87.64	-1,526.10	-10,963.32	7,492.09	7,388.91	103.18	72.611		
9,600.00	6,840.00	6,673.32	6,580.54	104.43	28.30	-87.57	-1,525.43	-10,963.57	7,402.70	7,298.11	104.59	70.776		
9,700.00	6,840.00	6,669.50	6,576.79	106.85	28.28	-87.51	-1,524.76	-10,963.83	7,313.58	7,207.53	106.05	68.967		
9,800.00	6,840.00	6,665.68	6,573.04	109.29	28.26	-87.44	-1,524.09	-10,964.08	7,224.74	7,117.20	107.54	67.183		
9,900.00	6,840.00	6,661.85	6,569.28	111.73	28.24	-87.38	-1,523.43	-10,964.34	7,136.19	7,027.12	109.07	65.427		
10,000.00	6,840.00	6,658.01	6,565.51	114.19	28.22	-87.31	-1,522.76	-10,964.60	7,047.94	6,937.29	110.65	63.697		
10,100.00	6,840.00	6,654.17	6,561.73	116.66	28.21	-87.25	-1,522.10	-10,964.85	6,960.01	6,847.74	112.27	61.994		
10,200.00	6,840.00	6,650.32	6,557.95	119.15	28.19	-87.18	-1,521.44	-10,965.11	6,872.40	6,758.47	113.93	60.319		
10,300.00	6,840.00	6,646.47	6,554.16	121.64	28.17	-87.11	-1,520.78	-10,965.37	6,785.14	6,669.49	115.65	58.672		
10,400.00	6,840.00	6,642.61	6,550.36	124.14	28.15	-87.05	-1,520.13	-10,965.63	6,698.22	6,580.82	117.40	57.053		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,500.00	6,840.00	6,638.74	6,546.56	126.65	28.13	-86.98	-1,519.47	-10,965.89	6,611.67	6,492.46	119.21	55.462		
10,600.00	6,840.00	10,600.00	6,523.82	129.18	46.37	-86.59	-1,515.69	-10,967.37	6,525.52	6,386.36	139.16	46.892		
10,700.00	6,840.00	10,700.00	6,518.12	131.70	46.83	-86.49	-1,514.78	-10,967.70	6,439.73	6,298.20	141.53	45.501		
10,800.00	6,840.00	6,638.90	6,546.72	134.24	28.13	-86.99	-1,519.50	-10,965.85	6,354.37	6,229.35	125.01	50.829		
10,900.00	6,840.00	6,623.73	6,531.80	136.79	28.06	-86.73	-1,516.96	-10,966.90	6,269.44	6,142.49	126.95	49.386		
11,000.00	6,840.00	6,609.91	6,518.19	139.34	27.99	-86.49	-1,514.69	-10,967.81	6,184.95	6,056.00	128.95	47.966		
11,100.00	6,840.00	6,597.26	6,505.74	141.90	27.94	-86.28	-1,512.64	-10,968.61	6,100.91	5,969.91	131.00	46.570		
11,200.00	6,840.00	6,585.64	6,494.29	144.46	27.88	-86.08	-1,510.79	-10,969.32	6,017.35	5,884.23	133.13	45.200		
11,300.00	6,840.00	6,574.93	6,483.73	147.03	27.83	-85.89	-1,509.10	-10,969.94	5,934.29	5,798.98	135.31	43.856		
11,400.00	6,840.00	6,565.03	6,473.97	149.60	27.79	-85.72	-1,507.56	-10,970.49	5,851.75	5,714.18	137.57	42.538		
11,500.00	6,840.00	6,555.85	6,464.91	152.18	27.75	-85.57	-1,506.15	-10,970.99	5,769.75	5,629.87	139.88	41.247		
11,600.00	6,840.00	6,547.31	6,456.48	154.77	27.71	-85.42	-1,504.85	-10,971.43	5,688.32	5,546.05	142.27	39.984		
11,700.00	6,840.00	6,539.35	6,448.62	157.36	27.67	-85.28	-1,503.66	-10,971.83	5,607.48	5,462.76	144.72	38.748		
11,800.00	6,840.00	6,531.91	6,441.27	159.95	27.64	-85.15	-1,502.55	-10,972.19	5,527.26	5,380.02	147.24	37.540		
11,900.00	6,840.00	6,528.00	6,437.41	162.55	27.62	-85.09	-1,501.97	-10,972.37	5,447.69	5,297.84	149.85	36.355		
12,000.00	6,840.00	6,528.00	6,437.41	165.16	27.62	-85.09	-1,501.97	-10,972.37	5,368.80	5,216.24	152.56	35.191		
12,100.00	6,840.00	6,519.70	6,429.21	167.76	27.58	-84.95	-1,500.75	-10,972.76	5,290.61	5,135.34	155.27	34.073		
12,200.00	6,840.00	6,516.28	6,425.83	170.37	27.57	-84.89	-1,500.25	-10,972.92	5,213.18	5,055.08	158.10	32.975		
12,300.00	6,840.00	6,512.83	6,422.42	172.99	27.55	-84.83	-1,499.74	-10,973.09	5,136.52	4,975.53	160.99	31.906		
12,400.00	6,840.00	6,509.37	6,419.00	175.60	27.53	-84.77	-1,499.24	-10,973.25	5,060.67	4,896.71	163.95	30.867		
12,500.00	6,840.00	6,505.89	6,415.56	178.23	27.52	-84.71	-1,498.73	-10,973.42	4,985.66	4,818.68	166.99	29.856		
12,600.00	6,840.00	6,502.39	6,412.10	180.85	27.50	-84.65	-1,498.22	-10,973.58	4,911.55	4,741.46	170.09	28.875		
12,700.00	6,840.00	6,498.87	6,408.63	183.47	27.49	-84.59	-1,497.70	-10,973.75	4,838.36	4,665.09	173.27	27.923		
12,800.00	6,840.00	6,495.33	6,405.13	186.10	27.47	-84.53	-1,497.19	-10,973.92	4,766.15	4,589.63	176.52	27.000		
12,900.00	6,840.00	6,491.77	6,401.61	188.74	27.46	-84.46	-1,496.67	-10,974.09	4,694.95	4,515.10	179.85	26.105		
13,000.00	6,840.00	6,488.19	6,398.07	191.37	27.44	-84.40	-1,496.15	-10,974.26	4,624.81	4,441.57	183.24	25.239		
13,100.00	6,840.00	6,484.59	6,394.51	194.01	27.42	-84.34	-1,495.63	-10,974.44	4,555.79	4,369.08	186.70	24.401		
13,200.00	6,840.00	6,480.97	6,390.93	196.65	27.41	-84.28	-1,495.11	-10,974.61	4,487.93	4,297.69	190.24	23.591		
13,300.00	6,840.00	6,477.33	6,387.34	199.29	27.39	-84.22	-1,494.59	-10,974.79	4,421.28	4,227.44	193.84	22.809		
13,400.00	6,840.00	6,473.67	6,383.72	201.93	27.38	-84.15	-1,494.06	-10,974.97	4,355.91	4,158.41	197.50	22.055		
13,500.00	6,840.00	6,469.98	6,380.08	204.58	27.36	-84.09	-1,493.53	-10,975.15	4,291.86	4,090.64	201.22	21.329		
13,600.00	6,840.00	6,466.28	6,376.42	207.22	27.34	-84.03	-1,493.00	-10,975.33	4,229.21	4,024.20	205.01	20.629		
13,700.00	6,840.00	6,462.55	6,372.73	209.87	27.33	-83.96	-1,492.47	-10,975.51	4,168.01	3,959.16	208.85	19.957		
13,800.00	6,840.00	6,458.81	6,369.03	212.52	27.31	-83.90	-1,491.94	-10,975.70	4,108.33	3,895.59	212.73	19.312		
13,900.00	6,840.00	6,455.04	6,365.30	215.18	27.29	-83.83	-1,491.40	-10,975.88	4,050.23	3,833.56	216.67	18.693		
14,000.00	6,840.00	6,451.25	6,361.56	217.83	27.28	-83.77	-1,490.86	-10,976.07	3,993.79	3,773.15	220.64	18.101		
14,100.00	6,840.00	6,447.44	6,357.79	220.49	27.26	-83.70	-1,490.32	-10,976.26	3,939.07	3,714.43	224.64	17.535		
14,200.00	6,840.00	6,451.20	6,361.51	223.15	27.28	-83.77	-1,490.83	-10,976.06	3,886.14	3,657.39	228.75	16.989		
14,300.00	6,840.00	6,444.21	6,354.59	225.81	27.24	-83.65	-1,489.85	-10,976.42	3,835.10	3,602.35	232.75	16.477		
14,400.00	6,840.00	6,437.29	6,347.75	228.47	27.21	-83.53	-1,488.88	-10,976.77	3,786.01	3,549.25	236.76	15.991		
14,500.00	6,840.00	6,430.45	6,341.00	231.13	27.18	-83.41	-1,487.92	-10,977.11	3,738.93	3,498.18	240.76	15.530		
14,600.00	6,840.00	6,423.70	6,334.31	233.79	27.15	-83.29	-1,486.97	-10,977.45	3,693.96	3,449.22	244.74	15.093		
14,700.00	6,840.00	6,417.02	6,327.71	236.46	27.12	-83.18	-1,486.02	-10,977.78	3,651.16	3,402.47	248.69	14.681		
14,800.00	6,840.00	6,410.41	6,321.18	239.12	27.09	-83.06	-1,485.08	-10,978.11	3,610.62	3,358.02	252.60	14.294		
14,900.00	6,840.00	6,403.88	6,314.73	241.79	27.06	-82.95	-1,484.16	-10,978.43	3,572.40	3,315.95	256.46	13.930		
15,000.00	6,840.00	6,397.43	6,308.35	244.46	27.04	-82.84	-1,483.24	-10,978.75	3,536.60	3,276.36	260.24	13.590		
15,100.00	6,840.00	6,391.05	6,302.04	247.13	27.01	-82.73	-1,482.32	-10,979.06	3,503.27	3,239.33	263.94	13.273		
15,200.00	6,840.00	6,384.74	6,295.80	249.80	26.98	-82.62	-1,481.42	-10,979.36	3,472.50	3,204.96	267.53	12.980		
15,300.00	6,840.00	6,378.50	6,289.63	252.47	26.95	-82.51	-1,480.52	-10,979.66	3,444.34	3,173.33	271.01	12.709		
15,400.00	6,840.00	15,400.00	6,217.72	255.15	69.48	-81.26	-1,469.23	-10,983.50	3,418.84	3,108.38	310.46	11.012		
15,500.00	6,840.00	15,500.00	6,211.82	257.82	69.95	-81.15	-1,468.23	-10,983.86	3,396.01	3,082.16	313.85	10.821		
15,600.00	6,840.00	15,600.00	6,205.91	260.50	70.42	-81.05	-1,467.23	-10,984.21	3,375.98	3,058.90	317.08	10.647 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,700.00	6,840.00	6,160.63	6,075.65	263.17	25.90	-78.76	-1,442.44	-10,993.63	3,358.80	3,078.69	280.11	11.991		
15,800.00	6,840.00	6,137.45	6,053.07	265.85	25.78	-78.36	-1,437.56	-10,995.58	3,344.21	3,061.81	282.40	11.842		
15,900.00	6,840.00	6,119.04	6,035.15	268.53	25.69	-78.04	-1,433.62	-10,997.14	3,332.50	3,047.92	284.58	11.710		
16,000.00	6,840.00	6,100.36	6,016.99	271.20	25.59	-77.72	-1,429.57	-10,998.73	3,323.72	3,037.18	286.53	11.600		
16,100.00	6,840.00	6,081.44	5,998.60	273.88	25.49	-77.39	-1,425.41	-11,000.36	3,317.88	3,029.62	288.26	11.510		
16,200.00	6,840.00	6,062.25	5,979.97	276.56	25.38	-77.06	-1,421.13	-11,002.02	3,314.99	3,025.25	289.75	11.441		
16,247.17	6,840.00	6,054.21	5,972.17	277.83	25.34	-76.93	-1,419.32	-11,002.71	3,314.66	3,024.27	290.39	11.415	CC	
16,300.00	6,840.00	6,049.89	5,967.98	279.25	25.32	-76.85	-1,418.34	-11,003.09	3,315.08	3,023.93	291.15	11.386	ES	
16,400.00	6,840.00	6,041.72	5,960.05	281.93	25.27	-76.71	-1,416.50	-11,003.80	3,318.16	3,025.75	292.41	11.348		
16,500.00	6,840.00	6,033.53	5,952.11	284.61	25.23	-76.57	-1,414.66	-11,004.51	3,324.22	3,030.79	293.43	11.329		
16,600.00	6,840.00	6,025.33	5,944.15	287.29	25.19	-76.43	-1,412.81	-11,005.23	3,333.25	3,039.04	294.21	11.329		
16,700.00	6,840.00	6,017.11	5,936.17	289.98	25.14	-76.29	-1,410.96	-11,005.95	3,345.23	3,050.47	294.76	11.349		
16,800.00	6,840.00	6,008.88	5,928.18	292.66	25.10	-76.15	-1,409.11	-11,006.67	3,360.12	3,065.04	295.08	11.387		
16,900.00	6,840.00	6,000.63	5,920.18	295.35	25.05	-76.00	-1,407.26	-11,007.39	3,377.88	3,082.72	295.16	11.444		
17,000.00	6,840.00	5,992.37	5,912.16	298.03	25.01	-75.86	-1,405.40	-11,008.11	3,398.48	3,103.45	295.03	11.519		
17,100.00	6,840.00	5,984.09	5,904.12	300.72	24.97	-75.72	-1,403.55	-11,008.84	3,421.85	3,127.16	294.68	11.612		
17,200.00	6,840.00	5,975.79	5,896.07	303.41	24.92	-75.58	-1,401.69	-11,009.57	3,447.94	3,153.81	294.14	11.722		
17,300.00	6,840.00	5,967.48	5,888.00	306.09	24.88	-75.43	-1,399.83	-11,010.30	3,476.69	3,183.30	293.40	11.850		
17,400.00	6,840.00	5,961.00	5,881.71	308.78	24.84	-75.32	-1,398.38	-11,010.87	3,508.04	3,215.53	292.52	11.993		
17,500.00	6,840.00	5,961.00	5,881.71	311.47	24.84	-75.32	-1,398.38	-11,010.87	3,541.93	3,250.32	291.61	12.146		
17,600.00	6,840.00	5,961.00	5,881.71	314.16	24.84	-75.32	-1,398.38	-11,010.87	3,578.30	3,287.74	290.55	12.315		
17,700.00	6,840.00	5,961.00	5,881.71	316.85	24.84	-75.32	-1,398.38	-11,010.87	3,617.06	3,327.71	289.35	12.501		
17,800.00	6,840.00	5,961.00	5,881.71	319.54	24.84	-75.32	-1,398.38	-11,010.87	3,658.15	3,370.14	288.00	12.702		
17,900.00	6,840.00	5,961.00	5,881.71	322.23	24.84	-75.32	-1,398.38	-11,010.87	3,701.48	3,414.94	286.54	12.918		
18,000.00	6,840.00	5,961.00	5,881.71	324.92	24.84	-75.32	-1,398.38	-11,010.87	3,746.98	3,462.01	284.97	13.149		
18,100.00	6,840.00	5,961.00	5,881.71	327.62	24.84	-75.32	-1,398.38	-11,010.87	3,794.57	3,511.28	283.30	13.394		
18,200.00	6,840.00	5,934.36	5,855.81	330.31	24.70	-74.86	-1,392.56	-11,013.13	3,843.93	3,562.96	280.96	13.681		
18,300.00	6,840.00	5,931.37	5,852.90	333.00	24.69	-74.81	-1,391.92	-11,013.37	3,895.41	3,616.34	279.07	13.959		
18,400.00	6,840.00	5,928.43	5,850.04	335.70	24.67	-74.76	-1,391.30	-11,013.61	3,948.74	3,671.63	277.11	14.250		
18,500.00	6,840.00	5,925.54	5,847.22	338.39	24.66	-74.71	-1,390.69	-11,013.84	4,003.86	3,728.76	275.10	14.554		
18,600.00	6,840.00	5,922.70	5,844.45	341.08	24.65	-74.66	-1,390.09	-11,014.07	4,060.69	3,787.65	273.04	14.872		
18,700.00	6,840.00	5,919.90	5,841.72	343.78	24.63	-74.61	-1,389.51	-11,014.29	4,119.16	3,848.21	270.95	15.203		
18,800.00	6,840.00	5,917.15	5,839.04	346.47	24.62	-74.57	-1,388.94	-11,014.50	4,179.19	3,910.36	268.83	15.546		
18,900.00	6,840.00	5,914.44	5,836.40	349.17	24.60	-74.52	-1,388.38	-11,014.71	4,240.73	3,974.05	266.69	15.901		
19,000.00	6,840.00	5,911.78	5,833.80	351.86	24.59	-74.47	-1,387.83	-11,014.91	4,303.71	4,039.18	264.53	16.269		
19,100.00	6,840.00	5,909.16	5,831.25	354.56	24.58	-74.43	-1,387.29	-11,015.11	4,368.07	4,105.70	262.37	16.649		
19,200.00	6,840.00	5,906.58	5,828.73	357.26	24.56	-74.39	-1,386.77	-11,015.31	4,433.74	4,173.54	260.20	17.040		
19,300.00	6,840.00	5,904.04	5,826.25	359.95	24.55	-74.34	-1,386.25	-11,015.50	4,500.67	4,242.64	258.03	17.442		
19,400.00	6,840.00	5,901.54	5,823.80	362.65	24.54	-74.30	-1,385.75	-11,015.69	4,568.81	4,312.94	255.87	17.856		
19,500.00	6,840.00	5,899.08	5,821.40	365.35	24.52	-74.26	-1,385.26	-11,015.87	4,638.10	4,384.38	253.72	18.280		
19,600.00	6,840.00	5,896.65	5,819.03	368.05	24.51	-74.22	-1,384.77	-11,016.05	4,708.49	4,456.90	251.58	18.715		
19,700.00	6,840.00	5,867.00	5,790.01	370.74	24.36	-73.71	-1,379.03	-11,018.11	4,780.17	4,531.23	248.94	19.202		
19,800.00	6,840.00	5,867.00	5,790.01	373.44	24.36	-73.71	-1,379.03	-11,018.11	4,852.57	4,605.69	246.89	19.655		
19,900.00	6,840.00	5,867.00	5,790.01	376.14	24.36	-73.71	-1,379.03	-11,018.11	4,925.94	4,681.09	244.85	20.118		
20,000.00	6,840.00	5,867.00	5,790.01	378.84	24.36	-73.71	-1,379.03	-11,018.11	5,000.23	4,757.39	242.85	20.590		
20,100.00	6,840.00	5,867.00	5,790.01	381.54	24.36	-73.71	-1,379.03	-11,018.11	5,075.41	4,834.55	240.86	21.072		
20,200.00	6,840.00	5,867.00	5,790.01	384.24	24.36	-73.71	-1,379.03	-11,018.11	5,151.43	4,912.53	238.90	21.563		
20,300.00	6,840.00	5,867.00	5,790.01	386.94	24.36	-73.71	-1,379.03	-11,018.11	5,228.26	4,991.29	236.97	22.063		
20,400.00	6,840.00	5,867.00	5,790.01	389.64	24.36	-73.71	-1,379.03	-11,018.11	5,305.86	5,070.79	235.07	22.572		
20,500.00	6,840.00	5,867.00	5,790.01	392.34	24.36	-73.71	-1,379.03	-11,018.11	5,384.20	5,151.01	233.19	23.089		
20,600.00	6,840.00	5,867.00	5,790.01	395.04	24.36	-73.71	-1,379.03	-11,018.11	5,463.25	5,231.90	231.35	23.615		
20,609.76	6,840.00	5,867.00	5,790.01	395.31	24.36	-73.71	-1,379.03	-11,018.11	5,471.00	5,239.83	231.17	23.667		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,900.00	6,840.00	4,299.00	4,195.83	88.02	2.56	-57.82	-2,188.06	-12,395.72	9,935.11	9,866.59	68.52	145.000		
9,000.00	6,840.00	4,327.75	4,223.58	90.30	2.59	-58.11	-2,189.27	-12,403.16	9,847.25	9,777.57	69.68	141.326		
9,100.00	6,840.00	4,361.94	4,256.57	92.60	2.62	-58.46	-2,190.60	-12,412.02	9,759.54	9,688.67	70.87	137.707		
9,200.00	6,840.00	4,396.25	4,289.68	94.93	2.65	-58.82	-2,191.83	-12,420.93	9,671.97	9,599.88	72.09	134.160		
9,300.00	6,840.00	4,415.74	4,308.49	97.28	2.67	-59.02	-2,192.53	-12,425.99	9,584.58	9,511.26	73.32	130.720		
9,400.00	6,840.00	4,436.10	4,328.14	99.65	2.68	-59.23	-2,193.30	-12,431.27	9,497.38	9,422.80	74.58	127.346		
9,500.00	6,840.00	4,593.29	4,480.17	102.03	2.78	-60.90	-2,199.91	-12,470.62	9,410.20	9,334.15	76.06	123.728		
9,600.00	6,840.00	4,799.83	4,680.79	104.43	2.85	-63.18	-2,208.37	-12,518.97	9,323.03	9,245.41	77.61	120.121		
9,700.00	6,840.00	4,824.47	4,704.78	106.85	2.85	-63.46	-2,209.32	-12,524.47	9,235.60	9,156.63	78.97	116.951		
9,800.00	6,840.00	4,849.14	4,728.82	109.29	2.86	-63.74	-2,210.25	-12,529.99	9,148.37	9,068.01	80.36	113.847		
9,900.00	6,840.00	4,835.00	4,715.04	111.73	2.86	-63.58	-2,209.72	-12,526.83	9,061.42	8,979.69	81.73	110.875		
10,000.00	6,840.00	4,835.00	4,715.04	114.19	2.86	-63.58	-2,209.72	-12,526.83	8,974.73	8,891.58	83.14	107.941		
10,100.00	6,840.00	4,863.75	4,743.02	116.66	2.87	-63.91	-2,210.76	-12,533.37	8,888.19	8,803.56	84.63	105.022		
10,200.00	6,840.00	4,872.16	4,751.20	119.15	2.87	-64.00	-2,211.04	-12,535.32	8,801.98	8,715.85	86.13	102.200		
10,300.00	6,840.00	4,880.74	4,759.53	121.64	2.88	-64.10	-2,211.33	-12,537.33	8,716.04	8,628.39	87.65	99.439		
10,400.00	6,840.00	4,889.49	4,768.02	124.14	2.88	-64.20	-2,211.61	-12,539.41	8,630.38	8,541.17	89.21	96.739		
10,500.00	6,840.00	4,898.42	4,776.69	126.65	2.89	-64.30	-2,211.89	-12,541.54	8,545.01	8,454.20	90.81	94.099		
10,600.00	6,840.00	4,929.00	4,806.33	129.18	2.90	-64.65	-2,212.79	-12,549.03	8,460.00	8,367.54	92.47	91.493		
10,700.00	6,840.00	4,929.00	4,806.33	131.70	2.90	-64.65	-2,212.79	-12,549.03	8,375.18	8,281.06	94.12	88.983		
10,800.00	6,840.00	4,929.00	4,806.33	134.24	2.90	-64.65	-2,212.79	-12,549.03	8,290.70	8,194.89	95.81	86.531		
10,900.00	6,840.00	4,929.00	4,806.33	136.79	2.90	-64.65	-2,212.79	-12,549.03	8,206.56	8,109.02	97.54	84.137		
11,000.00	6,840.00	4,929.00	4,806.33	139.34	2.90	-64.65	-2,212.79	-12,549.03	8,122.79	8,023.49	99.30	81.798		
11,100.00	6,840.00	4,960.90	4,837.20	141.90	2.92	-65.02	-2,213.74	-12,557.02	8,039.25	7,938.10	101.15	79.476		
11,200.00	6,840.00	4,972.83	4,848.73	144.46	2.93	-65.15	-2,214.12	-12,560.03	7,956.11	7,853.09	103.01	77.234		
11,300.00	6,840.00	4,984.86	4,860.36	147.03	2.94	-65.29	-2,214.51	-12,563.08	7,873.32	7,768.40	104.91	75.045		
11,400.00	6,840.00	4,997.00	4,872.09	149.60	2.95	-65.43	-2,214.93	-12,566.17	7,790.89	7,684.04	106.86	72.910		
11,500.00	6,840.00	5,023.00	4,897.21	152.18	2.96	-65.73	-2,215.88	-12,572.84	7,708.87	7,600.01	108.86	70.812		
11,600.00	6,840.00	5,023.00	4,897.21	154.77	2.96	-65.73	-2,215.88	-12,572.84	7,627.18	7,516.31	110.87	68.793		
11,700.00	6,840.00	5,023.00	4,897.21	157.36	2.96	-65.73	-2,215.88	-12,572.84	7,545.94	7,433.02	112.92	66.825		
11,800.00	6,840.00	6,805.76	6,654.31	159.95	3.71	-89.14	-2,249.23	-12,818.10	7,464.23	7,347.54	116.69	63.964		
11,900.00	6,840.00	6,807.13	6,655.68	162.55	3.71	-89.16	-2,249.22	-12,818.12	7,380.58	7,261.68	118.90	62.073		
12,000.00	6,840.00	6,808.51	6,657.06	165.16	3.71	-89.18	-2,249.21	-12,818.14	7,297.34	7,176.18	121.16	60.229		
12,100.00	6,840.00	6,809.89	6,658.44	167.76	3.71	-89.20	-2,249.20	-12,818.16	7,214.53	7,091.06	123.47	58.433		
12,200.00	6,840.00	6,811.27	6,659.83	170.37	3.71	-89.22	-2,249.19	-12,818.18	7,132.15	7,006.33	125.83	56.683		
12,300.00	6,840.00	6,812.66	6,661.21	172.99	3.71	-89.24	-2,249.18	-12,818.20	7,050.23	6,922.00	128.24	54.979		
12,400.00	6,840.00	6,814.05	6,662.61	175.60	3.71	-89.26	-2,249.18	-12,818.22	6,968.79	6,838.09	130.70	53.319		
12,500.00	6,840.00	6,815.45	6,664.00	178.23	3.71	-89.28	-2,249.17	-12,818.24	6,887.83	6,754.61	133.22	51.704		
12,600.00	6,840.00	6,816.85	6,665.40	180.85	3.71	-89.30	-2,249.16	-12,818.26	6,807.38	6,671.59	135.79	50.132		
12,700.00	6,840.00	6,818.25	6,666.80	183.47	3.71	-89.32	-2,249.15	-12,818.28	6,727.45	6,589.03	138.42	48.603		
12,800.00	6,840.00	6,819.66	6,668.21	186.10	3.71	-89.34	-2,249.14	-12,818.30	6,648.06	6,506.96	141.10	47.115		
12,900.00	6,840.00	6,821.07	6,669.62	188.74	3.71	-89.36	-2,249.13	-12,818.32	6,569.24	6,425.40	143.84	45.669		
13,000.00	6,840.00	6,822.48	6,671.03	191.37	3.71	-89.38	-2,249.12	-12,818.34	6,491.00	6,344.36	146.64	44.263		
13,100.00	6,840.00	6,823.90	6,672.45	194.01	3.71	-89.40	-2,249.11	-12,818.36	6,413.37	6,263.86	149.50	42.897		
13,200.00	6,840.00	6,825.32	6,673.87	196.65	3.71	-89.42	-2,249.10	-12,818.38	6,336.36	6,183.93	152.42	41.570		
13,300.00	6,840.00	6,826.75	6,675.30	199.29	3.71	-89.44	-2,249.09	-12,818.40	6,260.00	6,104.59	155.41	40.282		
13,400.00	6,840.00	6,828.17	6,676.72	201.93	3.71	-89.46	-2,249.08	-12,818.42	6,184.31	6,025.87	158.45	39.031		
13,500.00	6,840.00	6,829.59	6,678.14	204.58	3.71	-89.48	-2,249.07	-12,818.44	6,109.33	5,947.78	161.55	37.817		
13,600.00	6,840.00	6,831.01	6,679.56	207.22	3.71	-89.49	-2,249.06	-12,818.46	6,035.07	5,870.35	164.72	36.639		
13,700.00	6,840.00	6,832.43	6,680.98	209.87	3.71	-89.51	-2,249.05	-12,818.48	5,961.56	5,793.62	167.94	35.497		
13,800.00	6,840.00	6,833.85	6,682.40	212.52	3.71	-89.53	-2,249.04	-12,818.50	5,888.83	5,717.60	171.23	34.391		
13,900.00	6,840.00	6,835.27	6,683.82	215.18	3.71	-89.55	-2,249.03	-12,818.52	5,816.91	5,642.33	174.59	33.318		
14,000.00	6,840.00	6,836.69	6,685.24	217.83	3.71	-89.57	-2,249.02	-12,818.54	5,745.84	5,567.83	178.00	32.279		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
14,100.00	6,840.00	6,835.35	6,683.90	220.49	3.71	-89.56	-2,249.03	-12,818.52	5,675.63	5,494.15	181.48	31.274		
14,200.00	6,840.00	6,836.59	6,685.14	223.15	3.71	-89.58	-2,249.03	-12,818.54	5,606.33	5,421.30	185.02	30.301		
14,300.00	6,840.00	6,837.83	6,686.38	225.81	3.71	-89.60	-2,249.02	-12,818.56	5,537.96	5,349.34	188.62	29.360		
14,400.00	6,840.00	6,839.07	6,687.62	228.47	3.71	-89.61	-2,249.01	-12,818.58	5,470.57	5,278.29	192.29	28.450		
14,500.00	6,840.00	6,840.32	6,688.87	231.13	3.71	-89.63	-2,249.00	-12,818.59	5,404.19	5,208.18	196.01	27.571		
14,600.00	6,840.00	6,841.57	6,690.12	233.79	3.71	-89.65	-2,248.99	-12,818.61	5,338.86	5,139.07	199.79	26.722		
14,700.00	6,840.00	6,842.82	6,691.37	236.46	3.71	-89.67	-2,248.99	-12,818.63	5,274.61	5,070.98	203.63	25.903		
14,800.00	6,840.00	6,844.08	6,692.63	239.12	3.71	-89.68	-2,248.98	-12,818.65	5,211.49	5,003.97	207.52	25.114		
14,900.00	6,840.00	6,845.33	6,693.88	241.79	3.72	-89.70	-2,248.97	-12,818.67	5,149.54	4,938.08	211.46	24.352		
15,000.00	6,840.00	6,846.59	6,695.14	244.46	3.72	-89.72	-2,248.96	-12,818.68	5,088.79	4,873.34	215.45	23.619		
15,100.00	6,840.00	6,847.85	6,696.40	247.13	3.72	-89.74	-2,248.96	-12,818.70	5,029.31	4,809.81	219.49	22.913		
15,200.00	6,840.00	6,849.12	6,697.66	249.80	3.72	-89.76	-2,248.95	-12,818.72	4,971.12	4,747.54	223.58	22.235		
15,300.00	6,840.00	6,850.38	6,698.93	252.47	3.72	-89.77	-2,248.94	-12,818.74	4,914.28	4,686.58	227.70	21.582		
15,400.00	6,840.00	6,851.65	6,700.20	255.15	3.72	-89.79	-2,248.93	-12,818.76	4,858.83	4,626.97	231.86	20.956		
15,500.00	6,840.00	6,852.92	6,701.47	257.82	3.72	-89.81	-2,248.93	-12,818.78	4,804.82	4,568.78	236.04	20.356		
15,600.00	6,840.00	6,854.19	6,702.74	260.50	3.72	-89.83	-2,248.92	-12,818.79	4,752.30	4,512.05	240.25	19.780		
15,700.00	6,840.00	6,855.47	6,704.02	263.17	3.72	-89.85	-2,248.91	-12,818.81	4,701.32	4,456.84	244.49	19.229		
15,800.00	6,840.00	6,856.74	6,705.29	265.85	3.72	-89.86	-2,248.90	-12,818.83	4,651.94	4,403.21	248.73	18.703		
15,900.00	6,840.00	6,858.02	6,706.57	268.53	3.72	-89.88	-2,248.90	-12,818.85	4,604.19	4,351.21	252.98	18.200		
16,000.00	6,840.00	6,859.31	6,707.85	271.20	3.72	-89.90	-2,248.89	-12,818.87	4,558.14	4,300.91	257.23	17.720		
16,100.00	6,840.00	6,860.59	6,709.14	273.88	3.72	-89.92	-2,248.88	-12,818.89	4,513.84	4,252.37	261.47	17.263		
16,200.00	6,840.00	6,861.88	6,710.43	276.56	3.72	-89.94	-2,248.87	-12,818.91	4,471.33	4,205.64	265.69	16.829		
16,300.00	6,840.00	6,863.17	6,711.71	279.25	3.72	-89.95	-2,248.87	-12,818.93	4,430.67	4,160.79	269.88	16.417		
16,400.00	6,840.00	6,864.46	6,713.01	281.93	3.72	-89.97	-2,248.86	-12,818.94	4,391.91	4,117.87	274.04	16.026		
16,500.00	6,840.00	6,865.75	6,714.30	284.61	3.72	-89.99	-2,248.85	-12,818.96	4,355.11	4,076.95	278.16	15.657		
16,600.00	6,840.00	6,867.05	6,715.60	287.29	3.72	-90.01	-2,248.85	-12,818.98	4,320.30	4,038.08	282.22	15.308		
16,700.00	6,840.00	6,868.35	6,716.90	289.98	3.72	-90.03	-2,248.84	-12,819.00	4,287.54	4,001.33	286.21	14.980		
16,800.00	6,840.00	6,869.65	6,718.20	292.66	3.72	-90.05	-2,248.83	-12,819.02	4,256.88	3,966.75	290.13	14.672		
16,900.00	6,840.00	6,870.95	6,719.50	295.35	3.72	-90.06	-2,248.82	-12,819.04	4,228.37	3,934.40	293.96	14.384		
17,000.00	6,840.00	6,872.26	6,720.81	298.03	3.72	-90.08	-2,248.82	-12,819.06	4,202.04	3,904.34	297.70	14.115		
17,100.00	6,840.00	6,873.57	6,722.12	300.72	3.72	-90.10	-2,248.81	-12,819.08	4,177.94	3,876.61	301.32	13.865		
17,200.00	6,840.00	6,874.88	6,723.43	303.41	3.72	-90.12	-2,248.80	-12,819.10	4,156.10	3,851.27	304.83	13.634		
17,300.00	6,840.00	6,876.19	6,724.74	306.09	3.72	-90.14	-2,248.80	-12,819.12	4,136.57	3,828.36	308.21	13.421		
17,400.00	6,840.00	6,877.51	6,726.06	308.78	3.72	-90.16	-2,248.79	-12,819.14	4,119.37	3,807.92	311.45	13.226		
17,500.00	6,840.00	6,878.83	6,727.37	311.47	3.72	-90.17	-2,248.78	-12,819.16	4,104.54	3,789.99	314.54	13.049		
17,600.00	6,840.00	6,880.15	6,728.70	314.16	3.72	-90.19	-2,248.78	-12,819.17	4,092.09	3,774.61	317.48	12.889		
17,700.00	6,840.00	6,881.47	6,730.02	316.85	3.72	-90.21	-2,248.77	-12,819.19	4,082.06	3,761.81	320.25	12.747		
17,800.00	6,840.00	6,882.80	6,731.35	319.54	3.72	-90.23	-2,248.76	-12,819.21	4,074.46	3,751.61	322.84	12.620		
17,900.00	6,840.00	6,884.13	6,732.67	322.23	3.72	-90.25	-2,248.76	-12,819.23	4,069.30	3,744.04	325.26	12.511		
18,000.00	6,840.00	6,885.46	6,734.00	324.92	3.72	-90.27	-2,248.75	-12,819.25	4,066.60	3,739.10	327.49	12.417		
18,060.07	6,840.00	6,886.26	6,734.81	326.54	3.73	-90.28	-2,248.75	-12,819.27	4,066.15	3,737.41	328.74	12.369 CC		
18,100.00	6,840.00	6,886.79	6,735.34	327.62	3.73	-90.29	-2,248.74	-12,819.27	4,066.35	3,736.82	329.53	12.340 ES		
18,200.00	6,840.00	6,888.13	6,736.67	330.31	3.73	-90.31	-2,248.74	-12,819.29	4,068.56	3,737.18	331.38	12.278		
18,300.00	6,840.00	6,889.47	6,738.01	333.00	3.73	-90.32	-2,248.73	-12,819.31	4,073.22	3,740.20	333.03	12.231		
18,400.00	6,840.00	6,890.81	6,739.35	335.70	3.73	-90.34	-2,248.72	-12,819.33	4,080.33	3,745.85	334.48	12.199		
18,500.00	6,840.00	6,892.15	6,740.70	338.39	3.73	-90.36	-2,248.72	-12,819.35	4,089.88	3,754.15	335.73	12.182		
18,600.00	6,840.00	6,893.50	6,742.04	341.08	3.73	-90.38	-2,248.71	-12,819.37	4,101.84	3,765.05	336.78	12.179 SF		
18,700.00	6,840.00	6,894.85	6,743.39	343.78	3.73	-90.40	-2,248.70	-12,819.39	4,116.19	3,778.55	337.64	12.191		
18,800.00	6,840.00	6,896.20	6,744.74	346.47	3.73	-90.42	-2,248.70	-12,819.41	4,132.91	3,794.61	338.30	12.217		
18,900.00	6,840.00	6,897.55	6,746.10	349.17	3.73	-90.44	-2,248.69	-12,819.43	4,151.98	3,813.21	338.77	12.256		
19,000.00	6,840.00	6,898.91	6,747.45	351.86	3.73	-90.46	-2,248.69	-12,819.45	4,173.35	3,834.30	339.05	12.309		
19,100.00	6,840.00	6,900.27	6,748.81	354.56	3.73	-90.48	-2,248.68	-12,819.47	4,197.00	3,857.85	339.16	12.375		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,200.00	6,840.00	6,901.63	6,750.18	357.26	3.73	-90.50	-2,248.67	-12,819.50	4,222.89	3,883.80	339.08	12.454	
19,300.00	6,840.00	6,903.00	6,751.54	359.95	3.73	-90.51	-2,248.67	-12,819.52	4,250.96	3,912.12	338.84	12.546	
19,400.00	6,840.00	6,904.36	6,752.91	362.65	3.73	-90.53	-2,248.66	-12,819.54	4,281.20	3,942.76	338.44	12.650	
19,500.00	6,840.00	6,905.73	6,754.28	365.35	3.73	-90.55	-2,248.65	-12,819.56	4,313.53	3,975.66	337.88	12.767	
19,600.00	6,840.00	6,907.11	6,755.65	368.05	3.73	-90.57	-2,248.65	-12,819.58	4,347.93	4,010.76	337.17	12.895	
19,700.00	6,840.00	6,908.48	6,757.02	370.74	3.73	-90.59	-2,248.64	-12,819.60	4,384.34	4,048.01	336.33	13.036	
19,800.00	6,840.00	6,909.86	6,758.40	373.44	3.73	-90.61	-2,248.64	-12,819.62	4,422.71	4,087.35	335.35	13.188	
19,900.00	6,840.00	6,911.24	6,759.78	376.14	3.73	-90.63	-2,248.63	-12,819.64	4,462.99	4,128.73	334.26	13.352	
20,000.00	6,840.00	6,912.62	6,761.16	378.84	3.73	-90.65	-2,248.63	-12,819.66	4,505.12	4,172.08	333.05	13.527	
20,100.00	6,840.00	6,914.88	6,763.42	381.54	3.73	-90.68	-2,248.62	-12,819.70	4,549.07	4,217.34	331.73	13.713	
20,200.00	6,840.00	6,917.52	6,766.06	384.24	3.73	-90.72	-2,248.60	-12,819.74	4,594.77	4,264.45	330.32	13.910	
20,300.00	6,840.00	6,920.24	6,768.78	386.94	3.73	-90.76	-2,248.59	-12,819.78	4,642.18	4,313.35	328.83	14.117	
20,400.00	6,840.00	6,923.02	6,771.56	389.64	3.73	-90.80	-2,248.58	-12,819.82	4,691.24	4,363.99	327.25	14.335	
20,500.00	6,840.00	6,925.88	6,774.42	392.34	3.73	-90.84	-2,248.56	-12,819.87	4,741.90	4,416.30	325.59	14.564	
20,600.00	6,840.00	6,928.82	6,777.36	395.04	3.74	-90.88	-2,248.55	-12,819.92	4,794.10	4,470.23	323.88	14.802	
20,609.76	6,840.00	6,929.11	6,777.65	395.31	3.74	-90.88	-2,248.55	-12,819.92	4,799.28	4,475.57	323.71	14.826	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
2,400.00	2,290.15	2,940.44	2,934.96	13.43	9.52	-45.92	218.51	-10,378.25	9,964.92	9,944.74	20.17	493.966		
2,500.00	2,380.75	2,978.00	2,972.42	14.26	9.66	-45.99	219.39	-10,375.58	9,926.80	9,905.85	20.95	473.842		
2,600.00	2,471.34	3,103.01	3,097.04	15.11	10.14	-46.21	222.84	-10,366.34	9,888.59	9,866.56	22.03	448.895		
2,700.00	2,561.93	3,137.07	3,131.00	15.95	10.26	-46.27	223.83	-10,363.89	9,850.66	9,827.86	22.81	431.943		
2,800.00	2,652.52	3,167.00	3,160.84	16.80	10.38	-46.32	224.66	-10,361.90	9,813.30	9,789.73	23.57	416.277		
2,900.00	2,743.12	3,227.37	3,221.07	17.64	10.60	-46.42	226.46	-10,358.14	9,776.39	9,751.94	24.45	399.852		
3,000.00	2,833.71	3,000.00	3,515.93	18.49	9.72	-46.96	234.93	-10,337.84	9,739.40	9,715.19	24.21	402.276		
3,100.00	2,924.30	3,584.05	3,576.69	19.35	11.95	-47.07	236.85	-10,332.87	9,700.94	9,673.94	27.00	359.290		
3,200.00	3,014.89	3,735.25	3,727.27	20.20	12.53	-47.34	242.74	-10,320.70	9,662.61	9,634.43	28.19	342.799		
3,300.00	3,105.48	3,891.58	3,882.86	21.05	13.14	-47.62	249.13	-10,306.87	9,623.56	9,594.17	29.39	327.412		
3,400.00	3,196.08	3,954.00	3,944.98	21.91	13.38	-47.73	251.49	-10,301.26	9,584.48	9,554.18	30.30	316.363		
3,500.00	3,286.67	3,995.89	3,986.69	22.76	13.54	-47.81	253.01	-10,297.64	9,545.79	9,514.66	31.14	306.579		
3,600.00	3,377.26	4,048.00	4,038.60	23.62	13.75	-47.90	254.74	-10,293.38	9,507.58	9,475.57	32.01	296.977		
3,700.00	3,467.85	4,078.36	4,068.85	24.47	13.86	-47.96	255.68	-10,291.04	9,469.87	9,437.04	32.83	288.485		
3,800.00	3,558.45	4,113.48	4,103.87	25.33	13.99	-48.03	256.71	-10,288.52	9,432.74	9,399.09	33.66	280.257		
3,900.00	3,649.04	4,143.00	4,133.31	26.19	14.11	-48.08	257.53	-10,286.56	9,396.20	9,361.73	34.47	272.555		
4,000.00	3,739.63	4,174.15	4,164.39	27.05	14.22	-48.14	258.30	-10,284.67	9,360.30	9,325.00	35.30	265.164		
4,100.00	3,830.22	4,201.02	4,191.22	27.90	14.32	-48.20	258.84	-10,283.23	9,325.08	9,288.96	36.12	258.201		
4,200.00	3,920.81	4,237.00	4,227.15	28.76	14.45	-48.27	259.39	-10,281.57	9,290.56	9,253.59	36.96	251.340		
4,300.00	4,011.41	4,237.00	4,227.15	29.62	14.45	-48.27	259.39	-10,281.57	9,256.75	9,219.05	37.70	245.541		
4,400.00	4,102.00	4,280.03	4,270.15	30.48	14.61	-48.36	259.89	-10,280.02	9,223.56	9,184.98	38.58	239.098		
4,500.00	4,192.59	4,331.00	4,321.11	31.34	14.79	-48.46	260.40	-10,278.81	9,191.26	9,151.77	39.48	232.793		
4,600.00	4,283.18	4,331.00	4,321.11	32.20	14.79	-48.46	260.40	-10,278.81	9,159.44	9,119.21	40.23	227.698		
4,700.00	4,373.78	4,374.44	4,364.54	33.06	14.94	-48.55	260.77	-10,278.20	9,128.38	9,087.27	41.11	222.032		
4,800.00	4,464.37	4,426.00	4,416.10	33.92	15.12	-48.66	261.17	-10,277.78	9,097.91	9,055.88	42.03	216.468		
4,900.00	4,554.96	4,489.61	4,479.70	34.78	15.34	-48.79	261.69	-10,277.50	9,067.89	9,024.90	42.99	210.951		
5,000.00	4,645.55	4,578.26	4,568.35	35.64	15.64	-48.97	262.62	-10,277.17	9,038.04	8,994.01	44.03	205.289		
5,100.00	4,736.14	5,100.00	4,684.29	36.51	17.45	-49.20	264.22	-10,276.56	9,008.10	8,961.51	46.59	193.367		
5,200.00	4,826.74	4,772.00	4,762.07	37.37	16.32	-49.37	265.14	-10,275.82	8,977.95	8,931.78	46.17	194.449		
5,300.00	4,917.33	4,828.58	4,818.64	38.23	16.50	-49.49	265.38	-10,275.42	8,948.26	8,901.15	47.11	189.936		
5,400.00	5,007.92	4,866.00	4,856.06	39.09	16.63	-49.57	265.34	-10,275.46	8,919.31	8,871.32	48.00	185.832		
5,500.00	5,098.51	4,995.80	4,985.86	39.95	17.04	-49.85	265.06	-10,275.61	8,890.51	8,841.35	49.16	180.836		
5,600.00	5,189.11	5,110.53	5,100.59	40.81	17.43	-50.10	264.88	-10,275.40	8,861.57	8,811.26	50.30	176.171		
5,700.00	5,279.70	5,227.13	5,217.19	41.68	17.82	-50.36	264.39	-10,274.73	8,832.39	8,780.94	51.45	171.664		
5,800.00	5,370.29	5,321.00	5,311.05	42.54	18.14	-50.58	263.87	-10,274.04	8,803.20	8,750.66	52.53	167.572		
5,900.00	5,460.88	5,427.65	5,417.70	43.40	18.51	-50.82	263.11	-10,273.13	8,774.04	8,720.38	53.66	163.511		
6,000.00	5,551.47	5,513.75	5,503.80	44.26	18.80	-51.02	262.45	-10,272.31	8,744.92	8,690.19	54.73	159.795		
6,100.00	5,642.07	5,668.72	5,658.75	45.13	19.34	-51.37	262.30	-10,270.45	8,715.62	8,659.60	56.02	155.594		
6,200.00	5,732.66	5,716.00	5,706.02	45.99	19.51	-51.48	262.38	-10,269.68	8,686.15	8,629.18	56.97	152.467		
6,300.00	5,823.25	5,772.81	5,762.83	46.85	19.70	-51.61	262.39	-10,268.98	8,657.16	8,599.20	57.95	149.381		
6,400.00	5,913.84	5,810.00	5,800.02	47.72	19.83	-51.70	262.34	-10,268.85	8,628.94	8,570.07	58.88	146.555		
6,500.00	6,004.44	5,955.50	5,945.52	48.58	20.32	-52.03	262.05	-10,268.05	8,600.62	8,540.47	60.15	142.997		
6,600.00	6,095.03	6,034.23	6,024.24	49.44	20.60	-52.22	261.86	-10,267.52	8,572.40	8,511.19	61.21	140.043		
6,700.00	6,185.62	6,124.60	6,114.61	50.30	20.91	-52.43	261.76	-10,267.02	8,544.39	8,482.07	62.32	137.104		
6,800.00	6,276.21	6,226.51	6,216.52	51.17	21.27	-52.67	261.81	-10,266.36	8,516.39	8,452.92	63.47	134.182		
6,900.00	6,366.80	6,316.33	6,306.34	52.03	21.59	-52.88	261.87	-10,265.74	8,488.47	8,423.89	64.58	131.435		
7,000.00	6,457.40	6,419.07	6,409.07	52.89	21.95	-53.13	262.10	-10,265.03	8,460.66	8,394.92	65.74	128.697		
7,100.00	6,548.00	6,516.38	6,506.38	53.85	22.29	-53.90	262.45	-10,264.14	8,426.48	8,359.56	66.91	125.932		
7,200.00	6,626.13	6,599.99	6,589.98	55.05	22.59	-54.49	262.70	-10,263.41	8,377.05	8,308.96	68.09	123.029		
7,300.00	6,696.49	6,660.00	6,649.99	56.46	22.80	-56.47	262.90	-10,262.78	8,313.61	8,244.41	69.20	120.139		
7,400.00	6,754.56	6,692.93	6,682.92	58.05	22.91	-57.18	262.97	-10,262.49	8,238.36	8,168.17	70.19	117.380		
7,500.00	6,798.57	6,709.76	6,699.75	59.78	22.97	-41.28	262.97	-10,262.42	8,153.55	8,082.50	71.05	114.758		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
7,600.00	6,827.18	6,720.79	6,710.78	61.58	23.01	-51.87	262.95	-10,262.40	8,061.59	7,989.80	71.79	112.296		
7,700.00	6,839.51	6,725.60	6,715.59	63.39	23.02	-78.97	262.94	-10,262.40	7,965.12	7,892.75	72.37	110.056		
7,800.00	6,840.00	6,725.80	6,715.79	65.19	23.02	-89.81	262.94	-10,262.40	7,867.07	7,794.23	72.84	108.006		
7,900.00	6,840.00	6,725.81	6,715.80	67.04	23.02	-89.81	262.94	-10,262.40	7,769.04	7,695.73	73.31	105.969		
8,000.00	6,840.00	6,725.82	6,715.81	68.95	23.02	-89.81	262.94	-10,262.40	7,671.06	7,597.26	73.80	103.938		
8,100.00	6,840.00	6,725.83	6,715.82	70.91	23.02	-89.81	262.94	-10,262.40	7,573.13	7,498.82	74.31	101.911		
8,200.00	6,840.00	6,725.84	6,715.83	72.91	23.02	-89.81	262.94	-10,262.40	7,475.26	7,400.42	74.83	99.890		
8,300.00	6,840.00	6,725.85	6,715.85	74.96	23.02	-89.81	262.94	-10,262.40	7,377.44	7,302.07	75.38	97.875		
8,400.00	6,840.00	6,725.87	6,715.86	77.05	23.02	-89.81	262.94	-10,262.40	7,279.68	7,203.75	75.94	95.867		
8,500.00	6,840.00	6,725.88	6,715.87	79.18	23.02	-89.81	262.94	-10,262.40	7,181.99	7,105.47	76.51	93.865		
8,600.00	6,840.00	6,725.89	6,715.88	81.34	23.02	-89.81	262.94	-10,262.40	7,084.36	7,007.24	77.11	91.871		
8,700.00	6,840.00	6,725.90	6,715.89	83.54	23.02	-89.81	262.94	-10,262.40	6,986.79	6,909.06	77.73	89.884		
8,800.00	6,840.00	6,725.91	6,715.90	85.76	23.02	-89.81	262.94	-10,262.40	6,889.30	6,810.93	78.37	87.905		
8,900.00	6,840.00	6,725.93	6,715.92	88.02	23.02	-89.81	262.94	-10,262.40	6,791.88	6,712.84	79.03	85.936		
9,000.00	6,840.00	6,725.94	6,715.93	90.30	23.02	-89.81	262.94	-10,262.40	6,694.53	6,614.81	79.72	83.975		
9,100.00	6,840.00	6,725.95	6,715.94	92.60	23.02	-89.81	262.94	-10,262.40	6,597.26	6,516.83	80.43	82.024		
9,200.00	6,840.00	6,725.96	6,715.96	94.93	23.02	-89.81	262.94	-10,262.40	6,500.08	6,418.91	81.17	80.083		
9,300.00	6,840.00	6,725.98	6,715.97	97.28	23.02	-89.81	262.94	-10,262.40	6,402.98	6,321.05	81.93	78.153		
9,400.00	6,840.00	6,725.99	6,715.98	99.65	23.02	-89.81	262.94	-10,262.40	6,305.98	6,223.26	82.72	76.234		
9,500.00	6,840.00	6,726.00	6,716.00	102.03	23.02	-89.81	262.94	-10,262.40	6,209.07	6,125.53	83.54	74.327		
9,600.00	6,840.00	6,726.02	6,716.01	104.43	23.03	-89.81	262.94	-10,262.40	6,112.26	6,027.87	84.39	72.432		
9,700.00	6,840.00	6,726.03	6,716.02	106.85	23.03	-89.82	262.94	-10,262.40	6,015.55	5,930.28	85.27	70.551		
9,800.00	6,840.00	6,726.05	6,716.04	109.29	23.03	-89.82	262.94	-10,262.40	5,918.95	5,832.77	86.18	68.682		
9,900.00	6,840.00	6,726.06	6,716.05	111.73	23.03	-89.82	262.94	-10,262.40	5,822.47	5,735.34	87.13	66.827		
10,000.00	6,840.00	6,726.08	6,716.07	114.19	23.03	-89.82	262.94	-10,262.40	5,726.11	5,637.99	88.11	64.987		
10,100.00	6,840.00	6,726.09	6,716.08	116.66	23.03	-89.82	262.94	-10,262.40	5,629.87	5,540.74	89.13	63.162		
10,200.00	6,840.00	6,726.11	6,716.10	119.15	23.03	-89.82	262.94	-10,262.40	5,533.77	5,443.57	90.20	61.353		
10,300.00	6,840.00	6,726.12	6,716.11	121.64	23.03	-89.82	262.94	-10,262.40	5,437.81	5,346.51	91.30	59.561		
10,400.00	6,840.00	6,726.14	6,716.13	124.14	23.03	-89.82	262.94	-10,262.40	5,341.99	5,249.55	92.45	57.785		
10,500.00	6,840.00	6,726.15	6,716.14	126.65	23.03	-89.82	262.94	-10,262.40	5,246.34	5,152.70	93.64	56.027		
10,600.00	6,840.00	6,726.17	6,716.16	129.18	23.03	-89.82	262.94	-10,262.40	5,150.85	5,055.96	94.88	54.287		
10,700.00	6,840.00	6,726.19	6,716.18	131.70	23.03	-89.82	262.94	-10,262.40	5,055.53	4,959.35	96.18	52.566		
10,800.00	6,840.00	6,726.20	6,716.19	134.24	23.03	-89.82	262.94	-10,262.40	4,960.40	4,862.87	97.52	50.864		
10,900.00	6,840.00	6,726.22	6,716.21	136.79	23.03	-89.82	262.94	-10,262.40	4,865.46	4,766.53	98.93	49.183		
11,000.00	6,840.00	6,726.24	6,716.23	139.34	23.03	-89.82	262.94	-10,262.40	4,770.73	4,670.34	100.39	47.523		
11,100.00	6,840.00	6,726.26	6,716.25	141.90	23.03	-89.82	262.94	-10,262.40	4,676.22	4,574.30	101.91	45.884		
11,200.00	6,840.00	6,726.27	6,716.26	144.46	23.03	-89.82	262.94	-10,262.40	4,581.94	4,478.43	103.51	44.267		
11,300.00	6,840.00	6,726.29	6,716.28	147.03	23.03	-89.82	262.94	-10,262.40	4,487.91	4,382.74	105.17	42.674		
11,400.00	6,840.00	6,726.31	6,716.30	149.60	23.03	-89.83	262.94	-10,262.40	4,394.14	4,287.24	106.90	41.104		
11,500.00	6,840.00	6,726.33	6,716.32	152.18	23.03	-89.83	262.94	-10,262.40	4,300.65	4,191.94	108.72	39.558		
11,600.00	6,840.00	6,726.35	6,716.34	154.77	23.03	-89.83	262.94	-10,262.40	4,207.47	4,096.85	110.61	38.038		
11,700.00	6,840.00	6,726.37	6,716.36	157.36	23.03	-89.83	262.94	-10,262.40	4,114.60	4,002.00	112.60	36.543		
11,800.00	6,840.00	6,726.39	6,716.38	159.95	23.03	-89.83	262.94	-10,262.40	4,022.08	3,907.40	114.67	35.075		
11,900.00	6,840.00	6,726.41	6,716.40	162.55	23.03	-89.83	262.94	-10,262.40	3,929.92	3,813.07	116.85	33.633		
12,000.00	6,840.00	6,726.43	6,716.42	165.16	23.03	-89.83	262.94	-10,262.40	3,838.15	3,719.03	119.12	32.220		
12,100.00	6,840.00	6,726.45	6,716.45	167.76	23.03	-89.83	262.94	-10,262.40	3,746.81	3,625.30	121.51	30.835		
12,200.00	6,840.00	6,726.48	6,716.47	170.37	23.03	-89.83	262.94	-10,262.40	3,655.91	3,531.90	124.01	29.480		
12,300.00	6,840.00	6,726.50	6,716.49	172.99	23.03	-89.83	262.94	-10,262.40	3,565.51	3,438.87	126.64	28.155		
12,400.00	6,840.00	6,726.52	6,716.51	175.60	23.03	-89.83	262.94	-10,262.40	3,475.63	3,346.23	129.40	26.860		
12,500.00	6,840.00	6,726.55	6,716.54	178.23	23.03	-89.83	262.94	-10,262.40	3,386.32	3,254.03	132.29	25.597		
12,600.00	6,840.00	6,726.57	6,716.56	180.85	23.03	-89.84	262.94	-10,262.40	3,297.63	3,162.29	135.34	24.366		
12,700.00	6,840.00	6,726.60	6,716.59	183.47	23.03	-89.84	262.94	-10,262.40	3,209.59	3,071.06	138.53	23.168		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
12,800.00	6,840.00	6,726.62	6,716.61	186.10	23.03	-89.84	262.94	-10,262.40	3,122.28	2,980.39	141.90	22.004		
12,900.00	6,840.00	6,726.65	6,716.64	188.74	23.03	-89.84	262.94	-10,262.40	3,035.75	2,890.32	145.43	20.874		
13,000.00	6,840.00	6,726.67	6,716.66	191.37	23.03	-89.84	262.94	-10,262.40	2,950.08	2,800.93	149.15	19.779		
13,100.00	6,840.00	6,726.70	6,716.69	194.01	23.03	-89.84	262.94	-10,262.40	2,865.33	2,712.27	153.06	18.720		
13,200.00	6,840.00	6,726.73	6,716.72	196.65	23.03	-89.84	262.94	-10,262.40	2,781.59	2,624.42	157.18	17.697		
13,300.00	6,840.00	6,726.76	6,716.75	199.29	23.03	-89.84	262.94	-10,262.40	2,698.97	2,537.46	161.51	16.711		
13,400.00	6,840.00	6,726.79	6,716.78	201.93	23.03	-89.84	262.94	-10,262.40	2,617.55	2,451.50	166.05	15.763		
13,500.00	6,840.00	6,726.82	6,716.81	204.58	23.03	-89.84	262.94	-10,262.40	2,537.47	2,366.64	170.83	14.854		
13,600.00	6,840.00	6,726.85	6,716.84	207.22	23.03	-89.85	262.94	-10,262.40	2,458.84	2,283.00	175.84	13.983		
13,700.00	6,840.00	6,726.88	6,716.87	209.87	23.03	-89.85	262.94	-10,262.40	2,381.82	2,200.73	181.09	13.153		
13,800.00	6,840.00	6,726.91	6,716.90	212.52	23.03	-89.85	262.94	-10,262.40	2,306.56	2,119.97	186.58	12.362		
13,900.00	6,840.00	6,726.94	6,716.93	215.18	23.03	-89.85	262.94	-10,262.40	2,233.24	2,040.92	192.32	11.612		
14,000.00	6,840.00	6,726.98	6,716.97	217.83	23.03	-89.85	262.94	-10,262.40	2,162.06	1,963.78	198.28	10.904		
14,100.00	6,840.00	6,727.01	6,717.00	220.49	23.03	-89.85	262.94	-10,262.40	2,093.24	1,888.78	204.46	10.238		
14,200.00	6,840.00	6,727.05	6,717.04	223.15	23.03	-89.85	262.94	-10,262.40	2,027.02	1,816.18	210.84	9.614		
14,300.00	6,840.00	6,727.08	6,717.07	225.81	23.03	-89.85	262.94	-10,262.40	1,963.67	1,746.28	217.39	9.033		
14,400.00	6,840.00	6,727.12	6,717.11	228.47	23.03	-89.86	262.94	-10,262.40	1,903.45	1,679.40	224.06	8.495		
14,500.00	6,840.00	6,727.16	6,717.15	231.13	23.03	-89.86	262.94	-10,262.40	1,846.70	1,615.91	230.79	8.002		
14,600.00	6,840.00	6,727.20	6,717.19	233.79	23.03	-89.86	262.94	-10,262.40	1,793.73	1,556.21	237.52	7.552		
14,700.00	6,840.00	6,727.24	6,717.23	236.46	23.03	-89.86	262.94	-10,262.40	1,744.88	1,500.73	244.15	7.147		
14,800.00	6,840.00	6,727.28	6,717.27	239.12	23.03	-89.86	262.94	-10,262.40	1,700.52	1,449.93	250.59	6.786		
14,900.00	6,840.00	6,727.32	6,717.31	241.79	23.03	-89.86	262.94	-10,262.40	1,661.00	1,404.29	256.71	6.470		
15,000.00	6,840.00	6,727.37	6,717.36	244.46	23.03	-89.86	262.94	-10,262.40	1,626.68	1,364.30	262.38	6.200		
15,100.00	6,840.00	6,727.41	6,717.40	247.13	23.03	-89.87	262.94	-10,262.40	1,597.88	1,330.42	267.46	5.974		
15,200.00	6,840.00	6,727.46	6,717.45	249.80	23.03	-89.87	262.94	-10,262.40	1,574.92	1,303.09	271.83	5.794		
15,300.00	6,840.00	6,727.51	6,717.50	252.47	23.03	-89.87	262.94	-10,262.40	1,558.06	1,282.69	275.37	5.658		
15,400.00	6,840.00	6,727.56	6,717.55	255.15	23.03	-89.87	262.94	-10,262.40	1,547.48	1,269.53	277.95	5.567		
15,500.00	6,840.00	6,727.61	6,717.60	257.82	23.03	-89.87	262.94	-10,262.40	1,543.33	1,263.80	279.53	5.521		
15,514.22	6,840.00	6,727.62	6,717.61	258.20	23.03	-89.87	262.94	-10,262.40	1,543.26	1,263.59	279.67	5.518	CC, ES, SF	
15,600.00	6,840.00	6,727.66	6,717.66	260.50	23.03	-89.88	262.94	-10,262.40	1,545.64	1,265.59	280.05	5.519		
15,700.00	6,840.00	6,727.72	6,717.71	263.17	23.03	-89.88	262.94	-10,262.40	1,554.40	1,274.88	279.53	5.561		
15,800.00	6,840.00	6,727.78	6,717.77	265.85	23.03	-89.88	262.94	-10,262.40	1,569.50	1,291.50	277.99	5.646		
15,900.00	6,840.00	6,727.84	6,717.83	268.53	23.03	-89.88	262.94	-10,262.40	1,590.75	1,315.22	275.53	5.773		
16,000.00	6,840.00	6,727.90	6,717.89	271.20	23.03	-89.88	262.94	-10,262.40	1,617.91	1,345.67	272.24	5.943		
16,100.00	6,840.00	6,727.96	6,717.95	273.88	23.03	-89.89	262.94	-10,262.40	1,650.69	1,382.46	268.23	6.154		
16,200.00	6,840.00	6,728.03	6,718.02	276.56	23.03	-89.89	262.94	-10,262.40	1,688.77	1,425.12	263.65	6.405		
16,300.00	6,840.00	6,728.09	6,718.08	279.25	23.03	-89.89	262.94	-10,262.40	1,731.79	1,473.18	258.61	6.696		
16,400.00	6,840.00	6,728.16	6,718.16	281.93	23.03	-89.89	262.94	-10,262.40	1,779.40	1,526.15	253.24	7.026		
16,500.00	6,840.00	6,728.24	6,718.23	284.61	23.03	-89.90	262.94	-10,262.40	1,831.23	1,583.58	247.65	7.394		
16,600.00	6,840.00	6,728.31	6,718.30	287.29	23.03	-89.90	262.94	-10,262.40	1,886.95	1,645.01	241.94	7.799		
16,700.00	6,840.00	6,728.39	6,718.38	289.98	23.03	-89.90	262.94	-10,262.40	1,946.21	1,710.03	236.18	8.240		
16,800.00	6,840.00	6,728.47	6,718.47	292.66	23.03	-89.91	262.94	-10,262.40	2,008.70	1,778.26	230.44	8.717		
16,900.00	6,840.00	6,728.56	6,718.55	295.35	23.03	-89.91	262.94	-10,262.40	2,074.13	1,849.35	224.78	9.227		
17,000.00	6,840.00	6,728.65	6,718.64	298.03	23.03	-89.91	262.94	-10,262.40	2,142.24	1,923.00	219.24	9.771		
17,100.00	6,840.00	6,728.74	6,718.73	300.72	23.03	-89.92	262.94	-10,262.40	2,212.77	1,998.92	213.85	10.347		
17,200.00	6,840.00	6,728.84	6,718.83	303.41	23.03	-89.92	262.94	-10,262.40	2,285.50	2,076.87	208.63	10.955		
17,300.00	6,840.00	6,728.94	6,718.93	306.09	23.03	-89.92	262.94	-10,262.40	2,360.22	2,156.64	203.59	11.593		
17,400.00	6,840.00	6,729.05	6,719.04	308.78	23.04	-89.93	262.94	-10,262.40	2,436.76	2,238.02	198.74	12.261		
17,500.00	6,840.00	6,729.16	6,719.15	311.47	23.04	-89.93	262.94	-10,262.40	2,514.95	2,320.86	194.09	12.958		
17,600.00	6,840.00	6,729.28	6,719.27	314.16	23.04	-89.94	262.94	-10,262.40	2,594.63	2,405.00	189.64	13.682		
17,700.00	6,840.00	6,729.40	6,719.39	316.85	23.04	-89.94	262.94	-10,262.40	2,675.68	2,490.30	185.38	14.433		
17,800.00	6,840.00	6,729.53	6,719.52	319.54	23.04	-89.94	262.94	-10,262.40	2,757.98	2,576.66	181.32	15.211		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
17,900.00	6,840.00	6,729.66	6,719.65	322.23	23.04	-89.95	262.94	-10,262.40	2,841.41	2,663.97	177.44	16.013		
18,000.00	6,840.00	6,729.80	6,719.80	324.92	23.04	-89.96	262.94	-10,262.40	2,925.87	2,752.13	173.74	16.840		
18,100.00	6,840.00	6,729.96	6,719.95	327.62	23.04	-89.96	262.94	-10,262.40	3,011.29	2,841.08	170.22	17.691		
18,200.00	6,840.00	6,730.11	6,720.11	330.31	23.04	-89.97	262.93	-10,262.40	3,097.59	2,930.73	166.86	18.564		
18,300.00	6,840.00	6,730.28	6,720.27	333.00	23.04	-89.97	262.93	-10,262.40	3,184.68	3,021.03	163.66	19.460		
18,400.00	6,840.00	6,730.46	6,720.45	335.70	23.04	-89.98	262.93	-10,262.40	3,272.52	3,111.91	160.60	20.376		
18,500.00	6,840.00	6,730.65	6,720.64	338.39	23.04	-89.99	262.93	-10,262.40	3,361.03	3,203.33	157.70	21.313		
18,600.00	6,840.00	6,730.85	6,720.84	341.08	23.04	-89.99	262.93	-10,262.40	3,450.17	3,295.25	154.92	22.270		
18,700.00	6,840.00	6,731.07	6,721.06	343.78	23.04	-90.00	262.93	-10,262.40	3,539.89	3,387.61	152.28	23.246		
18,800.00	6,840.00	6,731.30	6,721.29	346.47	23.04	-90.01	262.93	-10,262.40	3,630.15	3,480.39	149.76	24.241		
18,900.00	6,840.00	6,731.54	6,721.53	349.17	23.04	-90.02	262.93	-10,262.40	3,720.91	3,573.56	147.35	25.252		
19,000.00	6,840.00	6,731.80	6,721.80	351.86	23.04	-90.03	262.93	-10,262.41	3,812.12	3,667.07	145.05	26.281		
19,100.00	6,840.00	6,732.09	6,722.08	354.56	23.05	-90.04	262.93	-10,262.41	3,903.77	3,760.92	142.86	27.327		
19,200.00	6,840.00	6,732.39	6,722.39	357.26	23.05	-90.05	262.93	-10,262.41	3,995.82	3,855.06	140.76	28.388		
19,300.00	6,840.00	6,732.73	6,722.72	359.95	23.05	-90.06	262.93	-10,262.41	4,088.25	3,949.49	138.75	29.464		
19,400.00	6,840.00	6,733.08	6,723.08	362.65	23.05	-90.08	262.93	-10,262.41	4,181.02	4,044.18	136.84	30.554		
19,500.00	6,840.00	6,733.48	6,723.47	365.35	23.05	-90.09	262.93	-10,262.41	4,274.12	4,139.11	135.01	31.659		
19,600.00	6,840.00	6,733.90	6,723.90	368.05	23.05	-90.11	262.93	-10,262.41	4,367.52	4,234.27	133.25	32.777		
19,700.00	6,840.00	6,734.37	6,724.37	370.74	23.05	-90.12	262.92	-10,262.41	4,461.21	4,329.64	131.57	33.907		
19,800.00	6,840.00	6,734.89	6,724.88	373.44	23.05	-90.14	262.92	-10,262.41	4,555.17	4,425.20	129.96	35.050		
19,900.00	6,840.00	6,735.47	6,725.46	376.14	23.06	-90.17	262.92	-10,262.41	4,649.37	4,520.95	128.42	36.204		
20,000.00	6,840.00	6,736.11	6,726.10	378.84	23.06	-90.19	262.92	-10,262.41	4,743.82	4,616.88	126.94	37.370		
20,100.00	6,840.00	6,736.83	6,726.82	381.54	23.06	-90.22	262.92	-10,262.41	4,838.49	4,712.96	125.53	38.546		
20,200.00	6,840.00	6,737.64	6,727.64	384.24	23.06	-90.25	262.91	-10,262.42	4,933.37	4,809.20	124.17	39.732		
20,300.00	6,840.00	6,738.57	6,728.56	386.94	23.07	-90.28	262.91	-10,262.42	5,028.45	4,905.58	122.86	40.927		
20,400.00	6,840.00	6,739.64	6,729.63	389.64	23.07	-90.32	262.91	-10,262.42	5,123.71	5,002.10	121.61	42.131		
20,500.00	6,840.00	6,740.88	6,730.87	392.34	23.08	-90.37	262.90	-10,262.43	5,219.16	5,098.74	120.41	43.344		
20,600.00	6,840.00	6,742.33	6,732.32	395.04	23.08	-90.42	262.90	-10,262.43	5,314.77	5,195.51	119.26	44.564		
20,609.76	6,840.00	6,742.49	6,732.48	395.31	23.08	-90.43	262.90	-10,262.43	5,324.10	5,204.95	119.15	44.684		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	2,924.30	3,870.17	3,823.68	19.35	2.04	-52.08	-540.28	-10,532.14	9,979.93	9,962.32	17.61	566.850		
3,200.00	3,014.89	3,958.69	3,909.85	20.20	2.08	-52.37	-557.31	-10,521.13	9,942.00	9,923.67	18.33	542.288		
3,300.00	3,105.48	4,011.00	3,960.77	21.05	2.11	-52.54	-567.39	-10,514.70	9,904.41	9,885.35	19.06	519.551		
3,400.00	3,196.08	3,400.00	4,113.18	21.91	1.87	-53.05	-596.54	-10,495.00	9,866.73	9,847.11	19.62	502.888		
3,500.00	3,286.67	4,253.77	4,197.35	22.76	2.21	-53.33	-612.23	-10,483.78	9,828.97	9,808.43	20.55	478.312		
3,600.00	3,377.26	4,314.83	4,256.80	23.62	2.24	-53.53	-623.71	-10,475.91	9,791.59	9,770.30	21.30	459.787		
3,700.00	3,467.85	4,363.49	4,304.23	24.47	2.26	-53.69	-632.68	-10,469.76	9,754.64	9,732.59	22.05	442.455		
3,800.00	3,558.45	4,468.70	4,406.80	25.33	2.31	-54.04	-651.99	-10,456.53	9,717.96	9,695.15	22.81	426.116		
3,900.00	3,649.04	4,511.00	4,448.03	26.19	2.33	-54.18	-659.82	-10,451.19	9,681.54	9,657.97	23.57	410.817		
4,000.00	3,739.63	4,553.30	4,489.27	27.05	2.35	-54.32	-667.69	-10,446.02	9,645.67	9,621.34	24.33	396.418		
4,100.00	3,830.22	4,607.28	4,541.92	27.90	2.37	-54.51	-677.75	-10,439.66	9,610.37	9,585.27	25.10	382.837		
4,200.00	3,920.81	4,687.78	4,620.58	28.76	2.40	-54.77	-692.11	-10,430.31	9,575.40	9,549.52	25.88	370.004		
4,300.00	4,011.41	4,735.21	4,667.02	29.62	2.42	-54.93	-700.10	-10,424.93	9,540.78	9,514.12	26.66	357.899		
4,400.00	4,102.00	4,927.21	4,855.01	30.48	2.51	-55.57	-732.32	-10,402.97	9,506.59	9,479.15	27.44	346.408		
4,500.00	4,192.59	4,985.24	4,911.68	31.34	2.55	-55.76	-742.48	-10,395.75	9,471.70	9,443.46	28.23	335.483		
4,600.00	4,283.18	5,026.41	4,951.87	32.20	2.57	-55.90	-749.94	-10,390.80	9,437.42	9,408.39	29.03	325.123		
4,700.00	4,373.78	5,079.00	5,003.18	33.06	2.59	-56.09	-759.62	-10,384.54	9,403.59	9,373.76	29.83	315.276		
4,800.00	4,464.37	5,126.14	5,049.21	33.92	2.61	-56.25	-768.22	-10,379.09	9,370.29	9,339.66	30.63	305.921		
4,900.00	4,554.96	5,166.92	5,089.09	34.78	2.63	-56.39	-775.46	-10,374.64	9,337.64	9,306.21	31.44	297.032		
5,000.00	4,645.55	5,222.27	5,143.33	35.64	2.66	-56.58	-784.85	-10,368.89	9,305.57	9,273.32	32.25	288.573		
5,100.00	4,736.14	5,100.00	5,251.93	36.51	2.60	-56.95	-803.25	-10,357.30	9,273.63	9,240.61	33.02	280.888		
5,200.00	4,826.74	5,375.02	5,293.20	37.37	2.72	-57.09	-809.79	-10,353.01	9,242.03	9,208.15	33.88	272.795		
5,300.00	4,917.33	5,415.11	5,332.68	38.23	2.74	-57.22	-815.62	-10,349.22	9,211.07	9,176.37	34.70	265.451		
5,400.00	5,007.92	5,462.29	5,379.23	39.09	2.75	-57.38	-822.06	-10,345.06	9,180.73	9,145.20	35.52	258.444		
5,500.00	5,098.51	5,554.05	5,469.84	39.95	2.79	-57.67	-834.17	-10,337.09	9,150.66	9,114.31	36.35	251.761		
5,600.00	5,189.11	5,601.71	5,516.91	40.81	2.81	-57.83	-840.43	-10,333.02	9,120.98	9,083.81	37.18	245.339		
5,700.00	5,279.70	5,646.00	5,560.67	41.68	2.83	-57.97	-846.29	-10,329.52	9,091.99	9,053.98	38.01	239.192		
5,800.00	5,370.29	5,688.16	5,582.58	42.54	2.84	-58.04	-849.20	-10,327.90	9,063.67	9,024.82	38.85	233.300		
5,900.00	5,460.88	5,897.97	5,810.19	43.40	2.94	-58.77	-875.76	-10,310.82	9,035.44	8,995.77	39.67	227.771		
6,000.00	5,551.47	5,957.00	5,868.49	44.26	2.97	-58.96	-883.55	-10,305.74	9,006.64	8,966.12	40.51	222.305		
6,100.00	5,642.07	6,020.00	5,930.62	45.13	3.00	-59.18	-892.40	-10,300.29	8,978.25	8,936.88	41.36	217.049		
6,200.00	5,732.66	6,064.79	5,974.74	45.99	3.02	-59.33	-899.13	-10,296.43	8,950.38	8,908.16	42.22	211.989		
6,300.00	5,823.25	6,300.00	6,098.61	46.85	3.15	-59.77	-919.81	-10,285.32	8,922.94	8,879.84	43.10	207.028		
6,400.00	5,913.84	6,257.69	6,164.12	47.72	3.13	-60.01	-931.33	-10,278.96	8,895.39	8,851.44	43.95	202.401		
6,500.00	6,004.44	6,295.63	6,201.31	48.58	3.14	-60.15	-937.96	-10,275.51	8,868.51	8,823.69	44.82	197.874		
6,600.00	6,095.03	6,336.00	6,240.99	49.44	3.16	-60.30	-944.66	-10,272.17	8,842.34	8,796.65	45.69	193.525		
6,700.00	6,185.62	6,428.96	6,332.64	50.30	3.20	-60.62	-958.46	-10,265.14	8,816.67	8,770.11	46.56	189.351		
6,800.00	6,276.21	6,518.89	6,421.60	51.17	3.24	-60.92	-969.99	-10,258.65	8,791.05	8,743.62	47.43	185.336		
6,900.00	6,366.80	6,584.00	6,486.20	52.03	3.26	-61.13	-976.91	-10,254.48	8,765.82	8,717.51	48.31	181.466		
7,000.00	6,457.40	6,631.09	6,533.02	52.89	3.28	-61.28	-981.18	-10,251.85	8,741.11	8,691.93	49.18	177.732		
7,100.00	6,545.60	6,687.67	6,589.36	53.85	3.29	-62.32	-985.69	-10,249.13	8,710.84	8,660.73	50.10	173.864		
7,200.00	6,626.13	6,728.51	6,630.05	55.05	3.31	-47.42	-988.58	-10,247.40	8,665.93	8,614.81	51.12	169.528		
7,300.00	6,696.49	6,755.33	6,656.80	56.46	3.32	-46.17	-990.36	-10,246.44	8,607.70	8,555.50	52.19	164.920		
7,400.00	6,754.56	6,772.00	6,673.43	58.05	3.32	-48.01	-991.43	-10,245.92	8,537.79	8,484.50	53.29	160.225		
7,500.00	6,798.57	6,772.00	6,673.43	59.78	3.32	-53.33	-991.43	-10,245.92	8,458.22	8,403.87	54.36	155.607		
7,600.00	6,827.18	6,797.57	6,698.94	61.58	3.33	-64.37	-992.96	-10,245.29	8,371.10	8,315.75	55.35	151.238		
7,700.00	6,839.51	6,800.87	6,702.24	63.39	3.33	-83.72	-993.15	-10,245.22	8,279.08	8,222.84	56.24	147.201		
7,800.00	6,840.00	6,800.39	6,701.76	65.19	3.33	-89.87	-993.12	-10,245.23	8,185.10	8,128.05	57.05	143.474		
7,900.00	6,840.00	6,799.74	6,701.11	67.04	3.33	-89.86	-993.09	-10,245.24	8,091.20	8,033.32	57.88	139.802		
8,000.00	6,840.00	6,799.07	6,700.44	68.95	3.33	-89.85	-993.05	-10,245.26	7,997.45	7,938.72	58.73	136.172		
8,100.00	6,840.00	6,798.38	6,699.76	70.91	3.33	-89.83	-993.01	-10,245.27	7,903.85	7,844.24	59.61	132.586		
8,200.00	6,840.00	6,797.68	6,699.05	72.91	3.33	-89.82	-992.97	-10,245.29	7,810.41	7,749.89	60.52	129.045		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,300.00	6,840.00	6,796.96	6,698.34	74.96	3.33	-89.80	-992.93	-10,245.30	7,717.14	7,655.67	61.47	125.550		
8,400.00	6,840.00	6,796.22	6,697.60	77.05	3.33	-89.79	-992.89	-10,245.31	7,624.03	7,561.59	62.44	122.104		
8,500.00	6,840.00	6,795.47	6,696.84	79.18	3.33	-89.77	-992.84	-10,245.33	7,531.11	7,467.66	63.44	118.707		
8,600.00	6,840.00	6,794.69	6,696.07	81.34	3.33	-89.76	-992.80	-10,245.35	7,438.36	7,373.88	64.48	115.361		
8,700.00	6,840.00	6,793.89	6,695.27	83.54	3.33	-89.74	-992.75	-10,245.36	7,345.81	7,280.26	65.55	112.066		
8,800.00	6,840.00	6,793.07	6,694.45	85.76	3.33	-89.72	-992.71	-10,245.38	7,253.45	7,186.80	66.65	108.823		
8,900.00	6,840.00	6,792.23	6,693.61	88.02	3.33	-89.71	-992.66	-10,245.40	7,161.30	7,093.50	67.79	105.634		
9,000.00	6,840.00	6,791.37	6,692.75	90.30	3.33	-89.69	-992.61	-10,245.42	7,069.36	7,000.39	68.97	102.498		
9,100.00	6,840.00	6,790.48	6,691.86	92.60	3.33	-89.67	-992.56	-10,245.44	6,977.64	6,907.46	70.18	99.418		
9,200.00	6,840.00	6,789.56	6,690.95	94.93	3.33	-89.65	-992.50	-10,245.46	6,886.16	6,814.72	71.44	96.393		
9,300.00	6,840.00	6,788.62	6,690.01	97.28	3.33	-89.63	-992.45	-10,245.48	6,794.91	6,722.18	72.73	93.424		
9,400.00	6,840.00	6,772.00	6,673.43	99.65	3.32	-89.29	-991.43	-10,245.92	6,703.95	6,629.89	74.07	90.514		
9,500.00	6,840.00	6,772.00	6,673.43	102.03	3.32	-89.29	-991.43	-10,245.92	6,613.21	6,537.77	75.44	87.659		
9,600.00	6,840.00	6,772.00	6,673.43	104.43	3.32	-89.29	-991.43	-10,245.92	6,522.74	6,445.87	76.86	84.861		
9,700.00	6,840.00	6,772.00	6,673.43	106.85	3.32	-89.29	-991.43	-10,245.92	6,432.55	6,354.22	78.33	82.121		
9,800.00	6,840.00	6,772.00	6,673.43	109.29	3.32	-89.29	-991.43	-10,245.92	6,342.65	6,262.81	79.84	79.439		
9,900.00	6,840.00	6,772.00	6,673.43	111.73	3.32	-89.29	-991.43	-10,245.92	6,253.06	6,171.65	81.41	76.814		
10,000.00	6,840.00	6,772.00	6,673.43	114.19	3.32	-89.29	-991.43	-10,245.92	6,163.79	6,080.77	83.02	74.247		
10,100.00	6,840.00	6,772.00	6,673.43	116.66	3.32	-89.29	-991.43	-10,245.92	6,074.85	5,990.17	84.68	71.738		
10,200.00	6,840.00	6,772.00	6,673.43	119.15	3.32	-89.29	-991.43	-10,245.92	5,986.27	5,899.87	86.40	69.288		
10,300.00	6,840.00	6,772.00	6,673.43	121.64	3.32	-89.29	-991.43	-10,245.92	5,898.05	5,809.88	88.17	66.895		
10,400.00	6,840.00	6,772.00	6,673.43	124.14	3.32	-89.29	-991.43	-10,245.92	5,810.21	5,720.21	90.00	64.560		
10,500.00	6,840.00	6,772.00	6,673.43	126.65	3.32	-89.29	-991.43	-10,245.92	5,722.77	5,630.88	91.88	62.283		
10,600.00	6,840.00	6,772.00	6,673.43	129.18	3.32	-89.29	-991.43	-10,245.92	5,635.74	5,541.91	93.83	60.063		
10,700.00	6,840.00	6,772.00	6,673.43	131.70	3.32	-89.29	-991.43	-10,245.92	5,549.16	5,453.32	95.84	57.900		
10,800.00	6,840.00	6,772.00	6,673.43	134.24	3.32	-89.29	-991.43	-10,245.92	5,463.03	5,365.12	97.91	55.794		
10,900.00	6,840.00	6,772.00	6,673.43	136.79	3.32	-89.29	-991.43	-10,245.92	5,377.38	5,277.33	100.06	53.744		
11,000.00	6,840.00	6,772.00	6,673.43	139.34	3.32	-89.29	-991.43	-10,245.92	5,292.24	5,189.98	102.26	51.751		
11,100.00	6,840.00	6,772.00	6,673.43	141.90	3.32	-89.29	-991.43	-10,245.92	5,207.62	5,103.08	104.54	49.813		
11,200.00	6,840.00	6,762.73	6,664.18	144.46	3.32	-89.10	-990.84	-10,246.20	5,123.55	5,016.66	106.89	47.935		
11,300.00	6,840.00	6,760.76	6,662.22	147.03	3.32	-89.06	-990.71	-10,246.26	5,040.06	4,930.75	109.31	46.108		
11,400.00	6,840.00	6,758.73	6,660.20	149.60	3.32	-89.02	-990.58	-10,246.33	4,957.19	4,845.38	111.81	44.336		
11,500.00	6,840.00	6,756.65	6,658.12	152.18	3.32	-88.98	-990.45	-10,246.40	4,874.95	4,760.57	114.39	42.618		
11,600.00	6,840.00	6,754.51	6,655.99	154.77	3.32	-88.93	-990.31	-10,246.47	4,793.39	4,676.35	117.05	40.952		
11,700.00	6,840.00	6,752.31	6,653.79	157.36	3.32	-88.89	-990.17	-10,246.54	4,712.54	4,592.75	119.79	39.340		
11,800.00	6,840.00	6,750.05	6,651.53	159.95	3.31	-88.84	-990.02	-10,246.62	4,632.44	4,509.82	122.62	37.780		
11,900.00	6,840.00	6,747.72	6,649.21	162.55	3.31	-88.80	-989.86	-10,246.70	4,553.12	4,427.59	125.53	36.271		
12,000.00	6,840.00	6,745.32	6,646.82	165.16	3.31	-88.75	-989.71	-10,246.78	4,474.62	4,346.09	128.53	34.813		
12,100.00	6,840.00	6,742.85	6,644.36	167.76	3.31	-88.70	-989.54	-10,246.87	4,397.00	4,265.38	131.62	33.406		
12,200.00	6,840.00	6,740.31	6,641.82	170.37	3.31	-88.64	-989.37	-10,246.96	4,320.30	4,185.49	134.81	32.048		
12,300.00	6,840.00	6,737.68	6,639.20	172.99	3.31	-88.59	-989.20	-10,247.05	4,244.56	4,106.48	138.08	30.740		
12,400.00	6,840.00	6,734.97	6,636.50	175.60	3.31	-88.53	-989.02	-10,247.15	4,169.85	4,028.40	141.45	29.479		
12,500.00	6,840.00	6,732.18	6,633.71	178.23	3.31	-88.48	-988.83	-10,247.26	4,096.21	3,951.29	144.91	28.267		
12,600.00	6,840.00	6,729.29	6,630.84	180.85	3.31	-88.42	-988.63	-10,247.37	4,023.70	3,875.23	148.47	27.102		
12,700.00	6,840.00	6,726.31	6,627.87	183.47	3.31	-88.36	-988.43	-10,247.49	3,952.39	3,800.28	152.12	25.983		
12,800.00	6,840.00	6,723.23	6,624.79	186.10	3.31	-88.29	-988.22	-10,247.61	3,882.35	3,726.49	155.86	24.910		
12,900.00	6,840.00	6,720.04	6,621.62	188.74	3.30	-88.23	-988.00	-10,247.74	3,813.64	3,653.95	159.69	23.882		
13,000.00	6,840.00	6,721.47	6,623.04	191.37	3.31	-88.26	-988.09	-10,247.67	3,746.33	3,582.70	163.62	22.896		
13,100.00	6,840.00	6,715.65	6,617.24	194.01	3.30	-88.14	-987.69	-10,247.91	3,680.51	3,512.89	167.62	21.957		
13,200.00	6,840.00	6,709.66	6,611.26	196.65	3.30	-88.02	-987.28	-10,248.17	3,616.25	3,444.55	171.70	21.061		
13,300.00	6,840.00	6,703.48	6,605.11	199.29	3.30	-87.89	-986.84	-10,248.43	3,553.64	3,377.78	175.85	20.208		
13,400.00	6,840.00	6,697.12	6,598.77	201.93	3.30	-87.76	-986.38	-10,248.71	3,492.76	3,312.69	180.07	19.397		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,690.56	6,592.23	204.58	3.29	-87.63	-985.91	-10,249.00	3,433.70	3,249.35	184.35	18.626		
13,600.00	6,840.00	6,683.79	6,585.49	207.22	3.29	-87.49	-985.40	-10,249.31	3,376.57	3,187.89	188.68	17.896		
13,700.00	6,840.00	6,676.80	6,578.53	209.87	3.29	-87.34	-984.87	-10,249.63	3,321.45	3,128.41	193.04	17.206		
13,800.00	6,840.00	6,669.59	6,571.35	212.52	3.29	-87.20	-984.32	-10,249.96	3,268.46	3,071.02	197.44	16.554		
13,900.00	6,840.00	6,662.14	6,563.93	215.18	3.29	-87.04	-983.73	-10,250.31	3,217.69	3,015.84	201.85	15.941		
14,000.00	6,840.00	6,654.43	6,556.26	217.83	3.28	-86.89	-983.12	-10,250.68	3,169.25	2,963.00	206.25	15.366		
14,100.00	6,840.00	6,646.47	6,548.33	220.49	3.28	-86.72	-982.47	-10,251.07	3,123.25	2,912.62	210.63	14.828		
14,200.00	6,840.00	6,638.06	6,539.96	223.15	3.28	-86.55	-981.77	-10,251.49	3,079.80	2,864.83	214.97	14.327		
14,300.00	6,840.00	6,629.15	6,531.09	225.81	3.27	-86.37	-981.02	-10,251.95	3,039.00	2,819.75	219.25	13.861		
14,400.00	6,840.00	6,619.69	6,521.68	228.47	3.27	-86.17	-980.19	-10,252.45	3,000.97	2,777.53	223.44	13.431		
14,500.00	6,840.00	6,609.64	6,511.69	231.13	3.27	-85.97	-979.30	-10,253.00	2,965.80	2,738.28	227.52	13.035		
14,600.00	6,840.00	14,600.00	6,470.68	233.79	6.16	-85.12	-975.25	-10,255.48	2,933.59	2,700.48	233.10	12.585		
14,700.00	6,840.00	6,591.69	6,493.84	236.46	3.26	-85.60	-977.64	-10,254.02	2,904.48	2,669.19	235.29	12.344		
14,800.00	6,840.00	6,564.46	6,466.80	239.12	3.25	-85.04	-974.97	-10,255.67	2,878.50	2,639.73	238.76	12.056		
14,900.00	6,840.00	6,533.68	6,436.25	241.79	3.24	-84.41	-971.67	-10,257.65	2,855.72	2,613.74	241.98	11.801		
15,000.00	6,840.00	6,505.98	6,408.81	244.46	3.23	-83.85	-968.46	-10,259.54	2,836.21	2,591.23	244.98	11.577		
15,100.00	6,840.00	6,479.88	6,382.98	247.13	3.22	-83.31	-965.24	-10,261.39	2,820.06	2,572.33	247.73	11.384		
15,200.00	6,840.00	6,456.45	6,359.80	249.80	3.21	-82.83	-962.19	-10,263.11	2,807.31	2,557.08	250.23	11.219		
15,300.00	6,840.00	6,440.84	6,344.38	252.47	3.20	-82.51	-960.09	-10,264.26	2,798.03	2,545.50	252.52	11.080		
15,400.00	6,840.00	6,425.21	6,328.94	255.15	3.20	-82.19	-957.94	-10,265.42	2,792.25	2,537.74	254.51	10.971		
15,500.00	6,840.00	15,500.00	6,284.42	257.82	6.83	-81.27	-951.36	-10,268.80	2,789.96	2,530.78	259.18	10.765		
15,515.40	6,840.00	15,515.40	6,283.26	258.23	6.84	-81.24	-951.18	-10,268.89	2,789.92	2,530.48	259.44	10.754	CC, ES	
15,600.00	6,840.00	6,388.54	6,292.75	260.50	3.18	-81.44	-952.73	-10,268.14	2,791.32	2,533.85	257.47	10.841		
15,700.00	6,840.00	15,700.00	6,221.16	263.17	7.48	-79.95	-941.25	-10,273.89	2,796.06	2,534.75	261.31	10.700	SF	
15,800.00	6,840.00	6,317.85	6,223.14	265.85	3.15	-79.99	-941.70	-10,273.63	2,804.38	2,545.79	258.59	10.845		
15,900.00	6,840.00	6,272.83	6,178.96	268.53	3.13	-79.07	-934.00	-10,277.56	2,816.05	2,557.57	258.47	10.895		
16,000.00	6,840.00	6,265.03	6,171.31	271.20	3.13	-78.91	-932.62	-10,278.28	2,831.12	2,572.48	258.63	10.946		
16,100.00	6,840.00	6,257.10	6,163.54	273.88	3.13	-78.75	-931.22	-10,279.02	2,849.59	2,591.10	258.49	11.024		
16,200.00	6,840.00	6,249.03	6,155.64	276.56	3.12	-78.59	-929.81	-10,279.77	2,871.41	2,613.36	258.04	11.128		
16,300.00	6,840.00	6,240.83	6,147.60	279.25	3.12	-78.42	-928.38	-10,280.55	2,896.48	2,639.16	257.32	11.256		
16,400.00	6,840.00	6,232.49	6,139.42	281.93	3.11	-78.25	-926.93	-10,281.35	2,924.74	2,668.40	256.34	11.410		
16,500.00	6,840.00	6,224.01	6,131.11	284.61	3.11	-78.08	-925.46	-10,282.17	2,956.08	2,700.98	255.11	11.588		
16,600.00	6,840.00	6,215.38	6,122.65	287.29	3.10	-77.90	-923.98	-10,283.00	2,990.42	2,736.76	253.65	11.789		
16,700.00	6,840.00	6,210.00	6,117.38	289.98	3.10	-77.79	-923.05	-10,283.53	3,027.64	2,775.59	252.05	12.012		
16,800.00	6,840.00	6,200.23	6,107.80	292.66	3.09	-77.59	-921.38	-10,284.48	3,067.64	2,817.45	250.19	12.261		
16,900.00	6,840.00	6,193.36	6,101.06	295.35	3.09	-77.45	-920.21	-10,285.14	3,110.33	2,862.11	248.22	12.530		
17,000.00	6,840.00	6,186.63	6,094.46	298.03	3.09	-77.31	-919.06	-10,285.78	3,155.58	2,909.47	246.11	12.822		
17,100.00	6,840.00	6,180.04	6,088.00	300.72	3.08	-77.18	-917.94	-10,286.40	3,203.30	2,959.43	243.88	13.135		
17,200.00	6,840.00	6,173.59	6,081.67	303.41	3.08	-77.05	-916.85	-10,287.01	3,253.38	3,011.84	241.54	13.469		
17,300.00	6,840.00	6,167.27	6,075.46	306.09	3.08	-76.92	-915.79	-10,287.59	3,305.71	3,066.59	239.12	13.824		
17,400.00	6,840.00	6,161.07	6,069.38	308.78	3.07	-76.79	-914.74	-10,288.15	3,360.18	3,123.55	236.63	14.200		
17,500.00	6,840.00	6,155.00	6,063.42	311.47	3.07	-76.67	-913.72	-10,288.70	3,416.69	3,182.60	234.09	14.596		
17,600.00	6,840.00	6,147.00	6,055.57	314.16	3.06	-76.51	-912.39	-10,289.42	3,475.15	3,243.68	231.47	15.013		
17,700.00	6,840.00	6,147.00	6,055.57	316.85	3.06	-76.51	-912.39	-10,289.42	3,535.45	3,306.51	228.95	15.442		
17,800.00	6,840.00	6,137.75	6,046.49	319.54	3.06	-76.32	-910.85	-10,290.23	3,597.51	3,371.24	226.27	15.899		
17,900.00	6,840.00	6,132.24	6,041.07	322.23	3.06	-76.20	-909.94	-10,290.72	3,661.23	3,437.60	223.63	16.372		
18,000.00	6,840.00	6,126.78	6,035.71	324.92	3.05	-76.09	-909.04	-10,291.19	3,726.54	3,505.54	221.00	16.862		
18,100.00	6,840.00	6,121.39	6,030.41	327.62	3.05	-75.98	-908.15	-10,291.66	3,793.33	3,574.97	218.38	17.371		
18,200.00	6,840.00	6,116.05	6,025.16	330.31	3.05	-75.88	-907.28	-10,292.12	3,861.58	3,645.81	215.77	17.897		
18,300.00	6,840.00	6,110.78	6,019.98	333.00	3.05	-75.77	-906.43	-10,292.57	3,931.15	3,717.97	213.19	18.440		
18,400.00	6,840.00	6,105.56	6,014.85	335.70	3.04	-75.66	-905.58	-10,293.02	4,002.01	3,791.38	210.63	19.000		
18,500.00	6,840.00	6,100.40	6,009.77	338.39	3.04	-75.56	-904.75	-10,293.45	4,074.07	3,865.97	208.10	19.577		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	6,095.29	6,004.75	341.08	3.04	-75.45	-903.93	-10,293.88	4,147.29	3,941.67	205.61	20.170		
18,700.00	6,840.00	6,084.00	5,993.64	343.78	3.03	-75.22	-902.14	-10,294.83	4,221.60	4,018.52	203.08	20.788		
18,800.00	6,840.00	6,084.00	5,993.64	346.47	3.03	-75.22	-902.14	-10,294.83	4,296.93	4,096.19	200.73	21.406		
18,900.00	6,840.00	6,079.20	5,988.92	349.17	3.03	-75.13	-901.38	-10,295.23	4,373.24	4,174.87	198.37	22.046		
19,000.00	6,840.00	6,072.73	5,982.56	351.86	3.03	-75.00	-900.37	-10,295.77	4,450.48	4,254.46	196.03	22.703		
19,100.00	6,840.00	6,066.20	5,976.12	354.56	3.02	-74.86	-899.35	-10,296.32	4,528.60	4,334.87	193.73	23.376		
19,200.00	6,840.00	6,059.58	5,969.61	357.26	3.02	-74.73	-898.33	-10,296.88	4,607.56	4,416.08	191.48	24.063		
19,300.00	6,840.00	6,052.90	5,963.03	359.95	3.01	-74.59	-897.31	-10,297.44	4,687.30	4,498.03	189.27	24.765		
19,400.00	6,840.00	6,046.14	5,956.38	362.65	3.01	-74.46	-896.28	-10,298.02	4,767.80	4,580.69	187.11	25.481		
19,500.00	6,840.00	6,039.31	5,949.65	365.35	3.01	-74.32	-895.25	-10,298.61	4,849.01	4,664.01	185.00	26.211		
19,600.00	6,840.00	6,032.40	5,942.85	368.05	3.00	-74.18	-894.23	-10,299.21	4,930.90	4,747.96	182.94	26.954		
19,700.00	6,840.00	6,025.42	5,935.96	370.74	3.00	-74.04	-893.19	-10,299.81	5,013.43	4,832.52	180.92	27.711		
19,800.00	6,840.00	6,020.00	5,930.62	373.44	3.00	-73.93	-892.40	-10,300.29	5,096.58	4,917.62	178.96	28.478		
19,900.00	6,840.00	6,020.00	5,930.62	376.14	3.00	-73.93	-892.40	-10,300.29	5,180.32	5,003.21	177.11	29.249		
20,000.00	6,840.00	6,008.01	5,918.81	378.84	2.99	-73.69	-890.66	-10,301.34	5,264.61	5,089.43	175.18	30.053		
20,100.00	6,840.00	6,002.67	5,913.55	381.54	2.99	-73.58	-889.90	-10,301.80	5,349.43	5,176.07	173.36	30.857		
20,200.00	6,840.00	5,997.36	5,908.31	384.24	2.99	-73.48	-889.14	-10,302.26	5,434.76	5,263.18	171.59	31.674		
20,300.00	6,840.00	5,992.08	5,903.10	386.94	2.98	-73.37	-888.39	-10,302.72	5,520.58	5,350.72	169.86	32.502		
20,400.00	6,840.00	5,986.81	5,897.90	389.64	2.98	-73.26	-887.65	-10,303.18	5,606.86	5,438.69	168.17	33.341		
20,500.00	6,840.00	5,981.57	5,892.73	392.34	2.98	-73.16	-886.92	-10,303.63	5,693.58	5,527.06	166.52	34.192		
20,600.00	6,840.00	5,976.35	5,887.58	395.04	2.98	-73.05	-886.19	-10,304.08	5,780.72	5,615.80	164.91	35.053		
20,609.76	6,840.00	5,975.84	5,887.08	395.31	2.98	-73.04	-886.12	-10,304.12	5,789.24	5,624.48	164.76	35.138		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
11,000.00	6,840.00	16,230.00	7,039.79	139.34	159.55	-130.38	1,571.60	-15,701.50	9,964.77	9,760.94	203.83	48.887		
11,100.00	6,840.00	16,230.00	7,039.79	141.90	159.55	-130.38	1,571.60	-15,701.50	9,864.83	9,660.91	203.92	48.376		
11,200.00	6,840.00	16,230.00	7,039.79	144.46	159.55	-130.38	1,571.60	-15,701.50	9,764.89	9,560.88	204.01	47.865		
11,300.00	6,840.00	16,230.00	7,039.79	147.03	159.55	-130.38	1,571.60	-15,701.50	9,664.95	9,460.85	204.10	47.354		
11,400.00	6,840.00	16,230.00	7,039.79	149.60	159.55	-130.38	1,571.60	-15,701.50	9,565.01	9,360.81	204.19	46.843		
11,500.00	6,840.00	16,230.00	7,039.79	152.18	159.55	-130.38	1,571.60	-15,701.50	9,465.07	9,260.78	204.29	46.332		
11,600.00	6,840.00	16,230.00	7,039.79	154.77	159.55	-130.38	1,571.60	-15,701.50	9,365.14	9,160.75	204.39	45.821		
11,700.00	6,840.00	16,230.00	7,039.79	157.36	159.55	-130.38	1,571.60	-15,701.50	9,265.20	9,060.72	204.49	45.310		
11,800.00	6,840.00	16,230.00	7,039.79	159.95	159.55	-130.38	1,571.60	-15,701.50	9,165.27	8,960.68	204.59	44.799		
11,900.00	6,840.00	16,230.00	7,039.79	162.55	159.55	-130.38	1,571.60	-15,701.50	9,065.34	8,860.65	204.69	44.288		
12,000.00	6,840.00	16,230.00	7,039.79	165.16	159.55	-130.38	1,571.60	-15,701.50	8,965.41	8,760.61	204.80	43.777		
12,100.00	6,840.00	16,230.00	7,039.79	167.76	159.55	-130.38	1,571.60	-15,701.50	8,865.48	8,660.58	204.91	43.266		
12,200.00	6,840.00	16,230.00	7,039.79	170.37	159.55	-130.38	1,571.60	-15,701.50	8,765.56	8,560.54	205.02	42.756		
12,300.00	6,840.00	16,252.97	7,039.84	172.99	159.95	-133.04	1,594.56	-15,701.98	8,665.56	8,460.28	205.28	42.213		
12,400.00	6,840.00	16,254.13	7,039.84	175.60	159.97	-133.18	1,595.72	-15,702.01	8,565.63	8,360.23	205.40	41.703		
12,500.00	6,840.00	16,255.30	7,039.84	178.23	159.99	-133.32	1,596.90	-15,702.03	8,465.70	8,260.19	205.51	41.193		
12,600.00	6,840.00	16,256.50	7,039.85	180.85	160.01	-133.47	1,598.09	-15,702.06	8,365.78	8,160.14	205.63	40.683		
12,700.00	6,840.00	16,257.70	7,039.85	183.47	160.03	-133.62	1,599.30	-15,702.09	8,265.85	8,060.10	205.75	40.174		
12,800.00	6,840.00	16,258.93	7,039.85	186.10	160.05	-133.77	1,600.52	-15,702.12	8,165.92	7,960.05	205.87	39.665		
12,900.00	6,840.00	16,260.17	7,039.86	188.74	160.07	-133.93	1,601.76	-15,702.15	8,066.00	7,860.01	205.99	39.157		
13,000.00	6,840.00	16,261.43	7,039.86	191.37	160.09	-134.09	1,603.02	-15,702.18	7,966.08	7,759.96	206.12	38.649		
13,100.00	6,840.00	16,262.70	7,039.86	194.01	160.12	-134.25	1,604.29	-15,702.21	7,866.16	7,659.92	206.24	38.141		
13,200.00	6,840.00	16,263.99	7,039.87	196.65	160.14	-134.41	1,605.59	-15,702.24	7,766.24	7,559.87	206.37	37.633		
13,300.00	6,840.00	16,265.31	7,039.87	199.29	160.16	-134.58	1,606.90	-15,702.27	7,666.32	7,459.83	206.50	37.126		
13,400.00	6,840.00	16,266.64	7,039.88	201.93	160.18	-134.75	1,608.23	-15,702.30	7,566.41	7,359.78	206.63	36.619		
13,500.00	6,840.00	16,267.98	7,039.88	204.58	160.21	-134.93	1,609.58	-15,702.34	7,466.49	7,259.73	206.76	36.112		
13,600.00	6,840.00	16,269.35	7,039.89	207.22	160.23	-135.11	1,610.94	-15,702.37	7,366.58	7,159.69	206.89	35.606		
13,700.00	6,840.00	16,270.74	7,039.89	209.87	160.25	-135.29	1,612.33	-15,702.41	7,266.67	7,059.64	207.03	35.100		
13,800.00	6,840.00	16,272.15	7,039.90	212.52	160.28	-135.48	1,613.74	-15,702.44	7,166.76	6,959.60	207.16	34.595		
13,900.00	6,840.00	16,273.58	7,039.90	215.18	160.30	-135.67	1,615.17	-15,702.48	7,066.85	6,859.55	207.30	34.090		
14,000.00	6,840.00	16,275.03	7,039.91	217.83	160.33	-135.86	1,616.62	-15,702.52	6,966.95	6,759.51	207.44	33.585		
14,100.00	6,840.00	16,276.50	7,039.91	220.49	160.35	-136.06	1,618.09	-15,702.56	6,867.05	6,659.46	207.59	33.080		
14,200.00	6,840.00	16,278.00	7,039.92	223.15	160.38	-136.26	1,619.58	-15,702.60	6,767.15	6,559.42	207.73	32.577		
14,300.00	6,840.00	16,279.51	7,039.92	225.81	160.41	-136.47	1,621.10	-15,702.64	6,667.25	6,459.37	207.88	32.073		
14,400.00	6,840.00	16,281.05	7,039.93	228.47	160.43	-136.68	1,622.64	-15,702.68	6,567.36	6,359.33	208.03	31.570		
14,500.00	6,840.00	16,282.62	7,039.94	231.13	160.46	-136.90	1,624.20	-15,702.72	6,467.46	6,259.29	208.18	31.067		
14,600.00	6,840.00	16,284.21	7,039.94	233.79	160.49	-137.12	1,625.79	-15,702.77	6,367.57	6,159.24	208.33	30.565		
14,700.00	6,840.00	16,285.82	7,039.95	236.46	160.52	-137.35	1,627.40	-15,702.81	6,267.69	6,059.20	208.48	30.063		
14,800.00	6,840.00	16,287.46	7,039.96	239.12	160.54	-137.58	1,629.04	-15,702.86	6,167.80	5,959.16	208.64	29.562		
14,900.00	6,840.00	16,289.12	7,039.96	241.79	160.57	-137.82	1,630.70	-15,702.90	6,067.92	5,859.12	208.80	29.061		
15,000.00	6,840.00	16,290.81	7,039.97	244.46	160.60	-138.06	1,632.39	-15,702.95	5,968.04	5,759.08	208.96	28.561		
15,100.00	6,840.00	16,292.53	7,039.98	247.13	160.63	-138.31	1,634.11	-15,703.00	5,868.16	5,659.04	209.12	28.061		
15,200.00	6,840.00	16,294.28	7,039.99	249.80	160.66	-138.57	1,635.86	-15,703.05	5,768.29	5,559.00	209.29	27.562		
15,300.00	6,840.00	16,296.05	7,039.99	252.47	160.69	-138.83	1,637.63	-15,703.10	5,668.42	5,458.97	209.46	27.063		
15,400.00	6,840.00	16,297.86	7,040.00	255.15	160.72	-139.10	1,639.44	-15,703.16	5,568.56	5,358.93	209.63	26.564		
15,500.00	6,840.00	16,299.69	7,040.01	257.82	160.76	-139.37	1,641.27	-15,703.21	5,468.70	5,258.90	209.80	26.066		
15,600.00	6,840.00	16,301.56	7,040.02	260.50	160.79	-139.66	1,643.13	-15,703.27	5,368.84	5,158.87	209.97	25.569		
15,700.00	6,840.00	16,303.45	7,040.03	263.17	160.82	-139.95	1,645.03	-15,703.32	5,268.99	5,058.84	210.15	25.072		
15,800.00	6,840.00	16,319.00	7,040.11	265.85	161.09	-142.41	1,660.57	-15,703.82	5,169.17	4,959.03	210.14	24.599		
15,900.00	6,840.00	16,319.00	7,040.11	268.53	161.09	-142.41	1,660.57	-15,703.82	5,069.32	4,858.98	210.34	24.101		
16,000.00	6,840.00	16,319.00	7,040.11	271.20	161.09	-142.41	1,660.57	-15,703.82	4,969.47	4,758.93	210.54	23.603		
16,100.00	6,840.00	16,319.00	7,040.11	273.88	161.09	-142.41	1,660.57	-15,703.82	4,869.63	4,658.88	210.75	23.106		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
16,200.00	6,840.00	16,319.00	7,040.11	276.56	161.09	-142.41	1,660.57	-15,703.82	4,769.80	4,558.82	210.97	22.609		
16,300.00	6,840.00	16,319.00	7,040.11	279.25	161.09	-142.41	1,660.57	-15,703.82	4,669.97	4,458.77	211.20	22.112		
16,400.00	6,840.00	16,319.00	7,040.11	281.93	161.09	-142.41	1,660.57	-15,703.82	4,570.15	4,358.71	211.44	21.615		
16,500.00	6,840.00	16,319.00	7,040.11	284.61	161.09	-142.41	1,660.57	-15,703.82	4,470.34	4,258.66	211.68	21.118		
16,600.00	6,840.00	16,319.00	7,040.11	287.29	161.09	-142.41	1,660.57	-15,703.82	4,370.54	4,158.60	211.94	20.622		
16,700.00	6,840.00	16,319.00	7,040.11	289.98	161.09	-142.41	1,660.57	-15,703.82	4,270.74	4,058.54	212.21	20.125		
16,800.00	6,840.00	16,327.63	7,040.17	292.66	161.24	-143.85	1,669.19	-15,704.11	4,170.95	3,958.70	212.25	19.651		
16,900.00	6,840.00	16,330.25	7,040.20	295.35	161.28	-144.30	1,671.81	-15,704.20	4,071.17	3,858.71	212.45	19.163		
17,000.00	6,840.00	16,332.90	7,040.22	298.03	161.33	-144.76	1,674.46	-15,704.29	3,971.39	3,758.74	212.65	18.675		
17,100.00	6,840.00	16,335.59	7,040.25	300.72	161.38	-145.24	1,677.14	-15,704.38	3,871.63	3,658.77	212.86	18.189		
17,200.00	6,840.00	16,338.31	7,040.28	303.41	161.42	-145.72	1,679.87	-15,704.47	3,771.87	3,558.80	213.07	17.703		
17,300.00	6,840.00	16,341.07	7,040.31	306.09	161.47	-146.22	1,682.63	-15,704.57	3,672.13	3,458.85	213.28	17.217		
17,400.00	6,840.00	16,343.87	7,040.34	308.78	161.52	-146.73	1,685.43	-15,704.67	3,572.39	3,358.90	213.49	16.733		
17,500.00	6,840.00	16,346.71	7,040.38	311.47	161.57	-147.25	1,688.26	-15,704.77	3,472.67	3,258.96	213.71	16.250		
17,600.00	6,840.00	16,349.59	7,040.42	314.16	161.62	-147.79	1,691.14	-15,704.87	3,372.96	3,159.04	213.93	15.767		
17,700.00	6,840.00	16,352.51	7,040.46	316.85	161.67	-148.34	1,694.06	-15,704.98	3,273.27	3,059.12	214.15	15.285		
17,800.00	6,840.00	16,355.47	7,040.51	319.54	161.72	-148.90	1,697.02	-15,705.09	3,173.59	2,959.22	214.37	14.804		
17,900.00	6,840.00	16,358.48	7,040.56	322.23	161.77	-149.48	1,700.02	-15,705.20	3,073.93	2,859.33	214.60	14.324		
18,000.00	6,840.00	16,361.52	7,040.61	324.92	161.82	-150.08	1,703.06	-15,705.31	2,974.29	2,759.46	214.83	13.845		
18,100.00	6,840.00	16,364.62	7,040.66	327.62	161.88	-150.69	1,706.15	-15,705.42	2,874.67	2,659.60	215.06	13.367		
18,200.00	6,840.00	16,367.75	7,040.72	330.31	161.93	-151.32	1,709.29	-15,705.54	2,775.07	2,559.77	215.30	12.890		
18,300.00	6,840.00	16,370.94	7,040.79	333.00	161.99	-151.97	1,712.47	-15,705.66	2,675.49	2,459.96	215.53	12.413		
18,400.00	6,840.00	16,374.17	7,040.85	335.70	162.04	-152.63	1,715.70	-15,705.79	2,575.94	2,360.17	215.78	11.938		
18,500.00	6,840.00	16,377.45	7,040.92	338.39	162.10	-153.31	1,718.97	-15,705.91	2,476.43	2,260.41	216.02	11.464		
18,600.00	6,840.00	16,380.78	7,041.00	341.08	162.16	-154.01	1,722.30	-15,706.04	2,376.94	2,160.68	216.27	10.991		
18,700.00	6,840.00	16,384.16	7,041.08	343.78	162.22	-154.73	1,725.68	-15,706.17	2,277.50	2,060.98	216.52	10.519		
18,800.00	6,840.00	16,387.59	7,041.16	346.47	162.28	-155.47	1,729.10	-15,706.31	2,178.10	1,961.33	216.77	10.048		
18,900.00	6,840.00	16,391.07	7,041.25	349.17	162.34	-156.23	1,732.58	-15,706.45	2,078.75	1,861.72	217.03	9.578		
19,000.00	6,840.00	16,394.61	7,041.34	351.86	162.40	-157.01	1,736.12	-15,706.59	1,979.46	1,762.16	217.30	9.110		
19,100.00	6,840.00	16,398.21	7,041.44	354.56	162.46	-157.81	1,739.71	-15,706.74	1,880.24	1,662.67	217.56	8.642		
19,200.00	6,840.00	16,401.86	7,041.54	357.26	162.52	-158.63	1,743.36	-15,706.89	1,781.09	1,563.25	217.84	8.176		
19,300.00	6,840.00	16,405.57	7,041.65	359.95	162.59	-159.48	1,747.06	-15,707.04	1,682.03	1,463.92	218.11	7.712		
19,400.00	6,840.00	16,417.89	7,042.02	362.65	162.80	-162.34	1,759.37	-15,707.53	1,583.08	1,365.90	217.18	7.289		
19,500.00	6,840.00	16,436.83	7,042.56	365.35	163.13	-166.91	1,778.29	-15,708.12	1,484.22	1,269.12	215.09	6.900		
19,600.00	6,840.00	16,448.42	7,042.87	368.05	163.33	-169.78	1,789.87	-15,708.40	1,385.48	1,171.64	213.84	6.479		
19,700.00	6,840.00	16,456.25	7,043.07	370.74	163.46	-171.75	1,797.70	-15,708.55	1,286.92	1,073.91	213.01	6.042		
19,800.00	6,840.00	16,461.90	7,043.22	373.44	163.56	-173.18	1,803.34	-15,708.63	1,188.59	976.17	212.42	5.595		
19,900.00	6,840.00	16,466.16	7,043.32	376.14	163.63	-174.26	1,807.60	-15,708.68	1,090.56	878.56	211.99	5.144		
20,000.00	6,840.00	16,469.48	7,043.41	378.84	163.69	-175.11	1,810.93	-15,708.72	992.91	781.22	211.69	4.690		
20,100.00	6,840.00	16,472.16	7,043.47	381.54	163.74	-175.79	1,813.60	-15,708.74	895.77	684.28	211.49	4.235		
20,200.00	6,840.00	16,474.35	7,043.52	384.24	163.78	-176.35	1,815.80	-15,708.76	799.34	587.91	211.43	3.781		
20,300.00	6,840.00	16,476.19	7,043.57	386.94	163.81	-176.82	1,817.63	-15,708.77	703.91	492.38	211.53	3.328		
20,400.00	6,840.00	16,477.74	7,043.60	389.64	163.83	-177.22	1,819.18	-15,708.78	609.93	398.08	211.85	2.879		
20,500.00	6,840.00	16,479.08	7,043.64	392.34	163.86	-177.56	1,820.52	-15,708.79	518.21	305.74	212.47	2.439		
20,600.00	6,840.00	16,480.24	7,043.66	395.04	163.88	-177.86	1,821.68	-15,708.79	430.19	216.84	213.35	2.016		
20,609.76	6,840.00	16,480.34	7,043.66	395.31	163.88	-177.89	1,821.78	-15,708.79	421.89	208.45	213.44	1.977	CC, ES, SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,011.41	3,877.41	3,877.41	29.62	66.71	-34.16	2,496.79	-10,914.15	9,987.81	9,900.20	87.60	114.016		
4,400.00	4,102.00	3,968.00	3,968.00	30.48	68.29	-34.29	2,496.79	-10,914.15	9,951.76	9,861.98	89.78	110.846		
4,500.00	4,192.59	4,058.59	4,058.59	31.34	69.88	-34.43	2,496.79	-10,914.15	9,915.76	9,823.80	91.96	107.823		
4,600.00	4,283.18	4,149.18	4,149.18	32.20	71.46	-34.56	2,496.79	-10,914.15	9,879.81	9,785.66	94.15	104.939		
4,700.00	4,373.78	4,239.78	4,239.78	33.06	73.04	-34.70	2,496.79	-10,914.15	9,843.91	9,747.58	96.34	102.183		
4,800.00	4,464.37	4,330.37	4,330.37	33.92	74.62	-34.84	2,496.79	-10,914.15	9,808.07	9,709.54	98.53	99.548		
4,900.00	4,554.96	4,420.96	4,420.96	34.78	76.20	-34.97	2,496.79	-10,914.15	9,772.27	9,671.56	100.72	97.025		
5,000.00	4,645.55	4,511.55	4,511.55	35.64	77.78	-35.11	2,496.79	-10,914.15	9,736.53	9,633.62	102.91	94.608		
5,100.00	4,736.14	4,602.14	4,602.14	36.51	79.36	-35.25	2,496.79	-10,914.15	9,700.85	9,595.73	105.11	92.290		
5,200.00	4,826.74	4,707.26	4,692.74	37.37	81.20	-35.39	2,496.79	-10,914.15	9,665.21	9,557.64	107.57	89.853		
5,300.00	4,917.33	4,783.33	4,783.33	38.23	82.52	-35.53	2,496.79	-10,914.15	9,629.63	9,520.11	109.52	87.928		
5,400.00	5,007.92	4,873.92	4,873.92	39.09	84.11	-35.68	2,496.79	-10,914.15	9,594.11	9,482.38	111.72	85.874		
5,500.00	5,098.51	4,964.51	4,964.51	39.95	85.69	-35.82	2,496.79	-10,914.15	9,558.64	9,444.71	113.93	83.898		
5,600.00	5,189.11	5,055.11	5,055.11	40.81	87.27	-35.96	2,496.79	-10,914.15	9,523.22	9,407.08	116.14	81.995		
5,700.00	5,279.70	5,145.70	5,145.70	41.68	88.85	-36.11	2,496.79	-10,914.15	9,487.87	9,369.51	118.36	80.163		
5,800.00	5,370.29	5,236.29	5,236.29	42.54	90.43	-36.26	2,496.79	-10,914.15	9,452.57	9,331.99	120.57	78.396		
5,900.00	5,460.88	5,326.88	5,326.88	43.40	92.01	-36.40	2,496.79	-10,914.15	9,417.33	9,294.53	122.79	76.692		
6,000.00	5,551.47	5,417.47	5,417.47	44.26	93.59	-36.55	2,496.79	-10,914.15	9,382.15	9,257.13	125.02	75.047		
6,100.00	5,642.07	5,508.07	5,508.07	45.13	95.17	-36.70	2,496.79	-10,914.15	9,347.02	9,219.78	127.24	73.459		
6,200.00	5,732.66	5,601.34	5,598.66	45.99	96.80	-36.85	2,496.79	-10,914.15	9,311.96	9,182.44	129.52	71.898		
6,300.00	5,823.25	5,689.25	5,689.25	46.85	98.34	-37.00	2,496.79	-10,914.15	9,276.96	9,145.26	131.70	70.440		
6,400.00	5,913.84	5,779.84	5,779.84	47.72	99.92	-37.16	2,496.79	-10,914.15	9,242.02	9,108.08	133.93	69.004		
6,500.00	6,004.44	5,870.44	5,870.44	48.58	101.50	-37.31	2,496.79	-10,914.15	9,207.14	9,070.97	136.17	67.614		
6,600.00	6,095.03	5,961.03	5,961.03	49.44	103.08	-37.46	2,496.79	-10,914.15	9,172.33	9,033.91	138.41	66.269		
6,700.00	6,185.62	6,051.62	6,051.62	50.30	104.66	-37.62	2,496.79	-10,914.15	9,137.57	8,996.92	140.65	64.965		
6,800.00	6,276.21	6,142.21	6,142.21	51.17	106.24	-37.78	2,496.79	-10,914.15	9,102.89	8,959.99	142.90	63.702		
6,900.00	6,366.80	6,232.80	6,232.80	52.03	107.82	-37.94	2,496.79	-10,914.15	9,068.26	8,923.12	145.15	62.476		
7,000.00	6,457.40	6,323.40	6,323.40	52.89	109.40	-38.10	2,496.79	-10,914.15	9,033.71	8,886.31	147.40	61.288		
7,100.00	6,548.00	6,414.00	6,414.00	53.75	110.98	-38.26	2,496.79	-10,914.15	8,999.16	8,849.42	149.61	60.110		
7,200.00	6,638.60	6,504.60	6,504.60	54.61	112.56	-38.42	2,496.79	-10,914.15	8,964.61	8,814.53	151.82	58.942		
7,300.00	6,729.20	6,595.20	6,595.20	55.47	114.14	-38.58	2,496.79	-10,914.15	8,930.16	8,779.64	154.03	57.774		
7,400.00	6,819.80	6,685.80	6,685.80	56.33	115.72	-38.74	2,496.79	-10,914.15	8,895.71	8,744.75	156.24	56.606		
7,500.00	6,910.40	6,776.40	6,776.40	57.19	117.30	-38.90	2,496.79	-10,914.15	8,861.26	8,709.86	158.45	55.438		
7,600.00	7,001.00	6,867.00	6,867.00	58.05	118.88	-39.06	2,496.79	-10,914.15	8,826.81	8,674.97	160.66	54.270		
7,700.00	7,091.60	6,957.60	6,957.60	58.91	120.46	-39.22	2,496.79	-10,914.15	8,792.36	8,640.08	162.87	53.102		
7,800.00	7,182.20	7,048.20	7,048.20	59.77	122.04	-39.38	2,496.79	-10,914.15	8,757.91	8,605.19	165.08	51.934		
7,900.00	7,272.80	7,138.80	7,138.80	60.63	123.62	-39.54	2,496.79	-10,914.15	8,723.46	8,570.30	167.29	50.766		
8,000.00	7,363.40	7,229.40	7,229.40	61.49	125.20	-39.70	2,496.79	-10,914.15	8,689.01	8,535.41	169.50	49.598		
8,100.00	7,454.00	7,320.00	7,320.00	62.35	126.78	-39.86	2,496.79	-10,914.15	8,654.56	8,500.52	171.71	48.430		
8,200.00	7,544.60	7,410.60	7,410.60	63.21	128.36	-40.02	2,496.79	-10,914.15	8,620.11	8,465.63	173.92	47.262		
8,300.00	7,635.20	7,501.20	7,501.20	64.07	129.94	-40.18	2,496.79	-10,914.15	8,585.66	8,430.74	176.13	46.094		
8,400.00	7,725.80	7,591.80	7,591.80	64.93	131.52	-40.34	2,496.79	-10,914.15	8,551.21	8,395.85	178.34	44.926		
8,500.00	7,816.40	7,682.40	7,682.40	65.79	133.10	-40.50	2,496.79	-10,914.15	8,516.76	8,360.96	180.55	43.758		
8,600.00	7,907.00	7,773.00	7,773.00	66.65	134.68	-40.66	2,496.79	-10,914.15	8,482.31	8,326.07	182.76	42.590		
8,700.00	7,997.60	7,863.60	7,863.60	67.51	136.26	-40.82	2,496.79	-10,914.15	8,447.86	8,291.18	184.97	41.422		
8,800.00	8,088.20	7,954.20	7,954.20	68.37	137.84	-40.98	2,496.79	-10,914.15	8,413.41	8,256.29	187.18	40.254		
8,900.00	8,178.80	8,044.80	8,044.80	69.23	139.42	-41.14	2,496.79	-10,914.15	8,378.96	8,221.40	189.39	39.086		
9,000.00	8,269.40	8,135.40	8,135.40	70.09	141.00	-41.30	2,496.79	-10,914.15	8,344.51	8,186.51	191.60	37.918		
9,100.00	8,360.00	8,226.00	8,226.00	70.95	142.58	-41.46	2,496.79	-10,914.15	8,310.06	8,151.62	193.81	36.750		
9,200.00	8,450.60	8,316.60	8,316.60	71.81	144.16	-41.62	2,496.79	-10,914.15	8,275.61	8,116.73	196.02	35.582		
9,300.00	8,541.20	8,407.20	8,407.20	72.67	145.74	-41.78	2,496.79	-10,914.15	8,241.16	8,081.84	198.23	34.414		
9,400.00	8,631.80	8,497.80	8,497.80	73.53	147.32	-41.94	2,496.79	-10,914.15	8,206.71	8,046.95	200.44	33.246		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	102.03	116.08	90.00	2,496.79	-10,914.15	6,711.06	6,557.11	153.96	43.591		
9,600.00	6,840.00	6,706.00	6,706.00	104.43	116.08	90.00	2,496.79	-10,914.15	6,611.60	6,457.82	153.78	42.994		
9,700.00	6,840.00	6,706.00	6,706.00	106.85	116.08	90.00	2,496.79	-10,914.15	6,512.15	6,358.55	153.60	42.398		
9,800.00	6,840.00	6,706.00	6,706.00	109.29	116.08	90.00	2,496.79	-10,914.15	6,412.72	6,259.30	153.42	41.800		
9,900.00	6,840.00	6,706.00	6,706.00	111.73	116.08	90.00	2,496.79	-10,914.15	6,313.30	6,160.07	153.23	41.201		
10,000.00	6,840.00	6,706.00	6,706.00	114.19	116.08	90.00	2,496.79	-10,914.15	6,213.91	6,060.86	153.05	40.601		
10,100.00	6,840.00	6,706.00	6,706.00	116.66	116.08	90.00	2,496.79	-10,914.15	6,114.53	5,961.67	152.86	40.000		
10,200.00	6,840.00	6,706.00	6,706.00	119.15	116.08	90.00	2,496.79	-10,914.15	6,015.18	5,862.50	152.68	39.398		
10,300.00	6,840.00	6,706.00	6,706.00	121.64	116.08	90.00	2,496.79	-10,914.15	5,915.84	5,763.35	152.49	38.794		
10,400.00	6,840.00	6,706.00	6,706.00	124.14	116.08	90.00	2,496.79	-10,914.15	5,816.53	5,664.22	152.31	38.189		
10,500.00	6,840.00	6,706.00	6,706.00	126.65	116.08	90.00	2,496.79	-10,914.15	5,717.25	5,565.12	152.12	37.583		
10,600.00	6,840.00	6,706.00	6,706.00	129.18	116.08	90.00	2,496.79	-10,914.15	5,617.99	5,466.04	151.94	36.974		
10,700.00	6,840.00	6,706.00	6,706.00	131.70	116.08	90.00	2,496.79	-10,914.15	5,518.75	5,366.99	151.76	36.365		
10,800.00	6,840.00	6,706.00	6,706.00	134.24	116.08	90.00	2,496.79	-10,914.15	5,419.55	5,267.96	151.58	35.753		
10,900.00	6,840.00	6,706.00	6,706.00	136.79	116.08	90.00	2,496.79	-10,914.15	5,320.37	5,168.96	151.41	35.139		
11,000.00	6,840.00	6,706.00	6,706.00	139.34	116.08	90.00	2,496.79	-10,914.15	5,221.22	5,069.98	151.24	34.522		
11,100.00	6,840.00	6,706.00	6,706.00	141.90	116.08	90.00	2,496.79	-10,914.15	5,122.11	4,971.03	151.08	33.904		
11,200.00	6,840.00	6,706.00	6,706.00	144.46	116.08	90.00	2,496.79	-10,914.15	5,023.04	4,872.11	150.92	33.282		
11,300.00	6,840.00	6,706.00	6,706.00	147.03	116.08	90.00	2,496.79	-10,914.15	4,924.00	4,773.22	150.77	32.658		
11,400.00	6,840.00	6,706.00	6,706.00	149.60	116.08	90.00	2,496.79	-10,914.15	4,825.00	4,674.36	150.64	32.030		
11,500.00	6,840.00	6,706.00	6,706.00	152.18	116.08	90.00	2,496.79	-10,914.15	4,726.04	4,575.53	150.51	31.400		
11,600.00	6,840.00	6,706.00	6,706.00	154.77	116.08	90.00	2,496.79	-10,914.15	4,627.13	4,476.72	150.40	30.765		
11,700.00	6,840.00	6,706.00	6,706.00	157.36	116.08	90.00	2,496.79	-10,914.15	4,528.26	4,377.95	150.31	30.126		
11,800.00	6,840.00	6,706.00	6,706.00	159.95	116.08	90.00	2,496.79	-10,914.15	4,429.45	4,279.21	150.24	29.483		
11,900.00	6,840.00	6,706.00	6,706.00	162.55	116.08	90.00	2,496.79	-10,914.15	4,330.69	4,180.50	150.18	28.836		
12,000.00	6,840.00	6,706.00	6,706.00	165.16	116.08	90.00	2,496.79	-10,914.15	4,231.99	4,081.83	150.16	28.183		
12,100.00	6,840.00	6,706.00	6,706.00	167.76	116.08	90.00	2,496.79	-10,914.15	4,133.35	3,983.18	150.17	27.525		
12,200.00	6,840.00	6,706.00	6,706.00	170.37	116.08	90.00	2,496.79	-10,914.15	4,034.78	3,884.56	150.21	26.861		
12,300.00	6,840.00	6,706.00	6,706.00	172.99	116.08	90.00	2,496.79	-10,914.15	3,936.28	3,785.98	150.30	26.190		
12,400.00	6,840.00	6,706.00	6,706.00	175.60	116.08	90.00	2,496.79	-10,914.15	3,837.85	3,687.43	150.43	25.513		
12,500.00	6,840.00	6,706.00	6,706.00	178.23	116.08	90.00	2,496.79	-10,914.15	3,739.52	3,588.90	150.61	24.829		
12,600.00	6,840.00	6,706.00	6,706.00	180.85	116.08	90.00	2,496.79	-10,914.15	3,641.27	3,490.41	150.86	24.137		
12,700.00	6,840.00	6,706.00	6,706.00	183.47	116.08	90.00	2,496.79	-10,914.15	3,543.12	3,391.94	151.18	23.437		
12,800.00	6,840.00	6,706.00	6,706.00	186.10	116.08	90.00	2,496.79	-10,914.15	3,445.07	3,293.50	151.57	22.729		
12,900.00	6,840.00	6,706.00	6,706.00	188.74	116.08	90.00	2,496.79	-10,914.15	3,347.15	3,195.09	152.06	22.012		
13,000.00	6,840.00	6,706.00	6,706.00	191.37	116.08	90.00	2,496.79	-10,914.15	3,249.35	3,096.70	152.64	21.287		
13,100.00	6,840.00	6,706.00	6,706.00	194.01	116.08	90.00	2,496.79	-10,914.15	3,151.68	2,998.34	153.34	20.553		
13,200.00	6,840.00	6,706.00	6,706.00	196.65	116.08	90.00	2,496.79	-10,914.15	3,054.17	2,900.00	154.17	19.811		
13,300.00	6,840.00	6,706.00	6,706.00	199.29	116.08	90.00	2,496.79	-10,914.15	2,956.82	2,801.69	155.13	19.060		
13,400.00	6,840.00	6,706.00	6,706.00	201.93	116.08	90.00	2,496.79	-10,914.15	2,859.66	2,703.40	156.26	18.301		
13,500.00	6,840.00	6,706.00	6,706.00	204.58	116.08	90.00	2,496.79	-10,914.15	2,762.70	2,605.14	157.56	17.534		
13,600.00	6,840.00	6,706.00	6,706.00	207.22	116.08	90.00	2,496.79	-10,914.15	2,665.96	2,506.91	159.06	16.761		
13,700.00	6,840.00	6,706.00	6,706.00	209.87	116.08	90.00	2,496.79	-10,914.15	2,569.48	2,408.71	160.77	15.982		
13,800.00	6,840.00	6,706.00	6,706.00	212.52	116.08	90.00	2,496.79	-10,914.15	2,473.27	2,310.55	162.72	15.199		
13,900.00	6,840.00	6,706.00	6,706.00	215.18	116.08	90.00	2,496.79	-10,914.15	2,377.38	2,212.43	164.94	14.413		
14,000.00	6,840.00	6,706.00	6,706.00	217.83	116.08	90.00	2,496.79	-10,914.15	2,281.84	2,114.37	167.46	13.626		
14,100.00	6,840.00	6,706.00	6,706.00	220.49	116.08	90.00	2,496.79	-10,914.15	2,186.69	2,016.38	170.31	12.839		
14,200.00	6,840.00	6,706.00	6,706.00	223.15	116.08	90.00	2,496.79	-10,914.15	2,092.01	1,918.47	173.53	12.056		
14,300.00	6,840.00	6,706.00	6,706.00	225.81	116.08	90.00	2,496.79	-10,914.15	1,997.83	1,820.67	177.16	11.277		
14,400.00	6,840.00	6,706.00	6,706.00	228.47	116.08	90.00	2,496.79	-10,914.15	1,904.26	1,723.00	181.26	10.506		
14,500.00	6,840.00	6,706.00	6,706.00	231.13	116.08	90.00	2,496.79	-10,914.15	1,811.37	1,625.49	185.87	9.745		
14,600.00	6,840.00	6,706.00	6,706.00	233.79	116.08	90.00	2,496.79	-10,914.15	1,719.27	1,528.20	191.07	8.998		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	236.46	116.08	90.00	2,496.79	-10,914.15	1,628.11	1,431.17	196.95	8.267		
14,800.00	6,840.00	6,706.00	6,706.00	239.12	116.08	90.00	2,496.79	-10,914.15	1,538.05	1,334.48	203.57	7.555		
14,900.00	6,840.00	6,706.00	6,706.00	241.79	116.08	90.00	2,496.79	-10,914.15	1,449.30	1,238.23	211.07	6.867		
15,000.00	6,840.00	6,706.00	6,706.00	244.46	116.08	90.00	2,496.79	-10,914.15	1,362.10	1,142.56	219.54	6.204		
15,100.00	6,840.00	6,706.00	6,706.00	247.13	116.08	90.00	2,496.79	-10,914.15	1,276.78	1,047.64	229.14	5.572		
15,200.00	6,840.00	6,706.00	6,706.00	249.80	116.08	90.00	2,496.79	-10,914.15	1,193.74	953.75	239.99	4.974		
15,300.00	6,840.00	6,706.00	6,706.00	252.47	116.08	90.00	2,496.79	-10,914.15	1,113.50	861.25	252.25	4.414		
15,400.00	6,840.00	6,706.00	6,706.00	255.15	116.08	90.00	2,496.79	-10,914.15	1,036.69	770.65	266.04	3.897		
15,500.00	6,840.00	6,706.00	6,706.00	257.82	116.08	90.00	2,496.79	-10,914.15	964.15	682.73	281.42	3.426		
15,600.00	6,840.00	6,706.00	6,706.00	260.50	116.08	90.00	2,496.79	-10,914.15	896.90	598.55	298.36	3.006		
15,700.00	6,840.00	6,706.00	6,706.00	263.17	116.08	90.00	2,496.79	-10,914.15	836.23	519.66	316.57	2.642		
15,800.00	6,840.00	6,706.00	6,706.00	265.85	116.08	90.00	2,496.79	-10,914.15	783.67	448.19	335.48	2.336		
15,900.00	6,840.00	6,706.00	6,706.00	268.53	116.08	90.00	2,496.79	-10,914.15	740.94	386.92	354.02	2.093		
16,000.00	6,840.00	6,706.00	6,706.00	271.20	116.08	90.00	2,496.79	-10,914.15	709.82	339.09	370.73	1.915		
16,100.00	6,840.00	6,706.00	6,706.00	273.88	116.08	90.00	2,496.79	-10,914.15	691.88	308.00	383.88	1.802		
16,175.73	6,840.00	6,706.00	6,706.00	275.91	116.08	90.00	2,496.79	-10,914.15	687.73	297.15	390.57	1.761	CC	
16,200.00	6,840.00	6,706.00	6,706.00	276.56	116.08	90.00	2,496.79	-10,914.15	688.15	296.12	392.04	1.755	ES, SF	
16,300.00	6,840.00	6,706.00	6,706.00	279.25	116.08	90.00	2,496.79	-10,914.15	698.86	304.36	394.51	1.771		
16,400.00	6,840.00	6,706.00	6,706.00	281.93	116.08	90.00	2,496.79	-10,914.15	723.37	331.73	391.64	1.847		
16,500.00	6,840.00	6,706.00	6,706.00	284.61	116.08	90.00	2,496.79	-10,914.15	760.34	375.77	384.57	1.977		
16,600.00	6,840.00	6,706.00	6,706.00	287.29	116.08	90.00	2,496.79	-10,914.15	808.06	433.32	374.74	2.156		
16,700.00	6,840.00	6,706.00	6,706.00	289.98	116.08	90.00	2,496.79	-10,914.15	864.77	501.29	363.48	2.379		
16,800.00	6,840.00	6,706.00	6,706.00	292.66	116.08	90.00	2,496.79	-10,914.15	928.80	577.02	351.79	2.640		
16,900.00	6,840.00	6,706.00	6,706.00	295.35	116.08	90.00	2,496.79	-10,914.15	998.76	658.45	340.31	2.935		
17,000.00	6,840.00	6,706.00	6,706.00	298.03	116.08	90.00	2,496.79	-10,914.15	1,073.49	744.05	329.44	3.259		
17,100.00	6,840.00	6,706.00	6,706.00	300.72	116.08	90.00	2,496.79	-10,914.15	1,152.06	832.72	319.34	3.608		
17,200.00	6,840.00	6,706.00	6,706.00	303.41	116.08	90.00	2,496.79	-10,914.15	1,233.73	923.66	310.07	3.979		
17,300.00	6,840.00	6,706.00	6,706.00	306.09	116.08	90.00	2,496.79	-10,914.15	1,317.93	1,016.30	301.63	4.369		
17,400.00	6,840.00	6,706.00	6,706.00	308.78	116.08	90.00	2,496.79	-10,914.15	1,404.21	1,110.24	293.97	4.777		
17,500.00	6,840.00	6,706.00	6,706.00	311.47	116.08	90.00	2,496.79	-10,914.15	1,492.20	1,205.17	287.02	5.199		
17,600.00	6,840.00	6,706.00	6,706.00	314.16	116.08	90.00	2,496.79	-10,914.15	1,581.61	1,300.89	280.73	5.634		
17,700.00	6,840.00	6,706.00	6,706.00	316.85	116.08	90.00	2,496.79	-10,914.15	1,672.23	1,397.22	275.01	6.081		
17,800.00	6,840.00	6,706.00	6,706.00	319.54	116.08	90.00	2,496.79	-10,914.15	1,763.86	1,494.05	269.81	6.537		
17,900.00	6,840.00	6,706.00	6,706.00	322.23	116.08	90.00	2,496.79	-10,914.15	1,856.36	1,591.28	265.07	7.003		
18,000.00	6,840.00	6,706.00	6,706.00	324.92	116.08	90.00	2,496.79	-10,914.15	1,949.59	1,688.85	260.75	7.477		
18,100.00	6,840.00	6,706.00	6,706.00	327.62	116.08	90.00	2,496.79	-10,914.15	2,043.47	1,786.68	256.79	7.958		
18,200.00	6,840.00	6,706.00	6,706.00	330.31	116.08	90.00	2,496.79	-10,914.15	2,137.90	1,884.75	253.15	8.445		
18,300.00	6,840.00	6,706.00	6,706.00	333.00	116.08	90.00	2,496.79	-10,914.15	2,232.82	1,983.01	249.81	8.938		
18,400.00	6,840.00	6,706.00	6,706.00	335.70	116.08	90.00	2,496.79	-10,914.15	2,328.16	2,081.44	246.72	9.436		
18,500.00	6,840.00	6,706.00	6,706.00	338.39	116.08	90.00	2,496.79	-10,914.15	2,423.88	2,180.00	243.88	9.939		
18,600.00	6,840.00	6,706.00	6,706.00	341.08	116.08	90.00	2,496.79	-10,914.15	2,519.93	2,278.69	241.24	10.446		
18,700.00	6,840.00	6,706.00	6,706.00	343.78	116.08	90.00	2,496.79	-10,914.15	2,616.27	2,377.49	238.79	10.957		
18,800.00	6,840.00	6,706.00	6,706.00	346.47	116.08	90.00	2,496.79	-10,914.15	2,712.88	2,476.38	236.51	11.471		
18,900.00	6,840.00	6,706.00	6,706.00	349.17	116.08	90.00	2,496.79	-10,914.15	2,809.73	2,575.35	234.38	11.988		
19,000.00	6,840.00	6,706.00	6,706.00	351.86	116.08	90.00	2,496.79	-10,914.15	2,906.79	2,674.39	232.40	12.508		
19,100.00	6,840.00	6,706.00	6,706.00	354.56	116.08	90.00	2,496.79	-10,914.15	3,004.05	2,773.50	230.55	13.030		
19,200.00	6,840.00	6,706.00	6,706.00	357.26	116.08	90.00	2,496.79	-10,914.15	3,101.48	2,872.66	228.81	13.555		
19,300.00	6,840.00	6,706.00	6,706.00	359.95	116.08	90.00	2,496.79	-10,914.15	3,199.06	2,971.88	227.18	14.081		
19,400.00	6,840.00	6,706.00	6,706.00	362.65	116.08	90.00	2,496.79	-10,914.15	3,296.80	3,071.14	225.65	14.610		
19,500.00	6,840.00	6,706.00	6,706.00	365.35	116.08	90.00	2,496.79	-10,914.15	3,394.66	3,170.45	224.21	15.140		
19,600.00	6,840.00	6,706.00	6,706.00	368.05	116.08	90.00	2,496.79	-10,914.15	3,492.65	3,269.79	222.85	15.672		
19,700.00	6,840.00	6,706.00	6,706.00	370.74	116.08	90.00	2,496.79	-10,914.15	3,590.74	3,369.17	221.57	16.206		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	373.44	116.08	90.00	2,496.79	-10,914.15	3,688.94	3,468.58	220.36	16.740	
19,900.00	6,840.00	6,706.00	6,706.00	376.14	116.08	90.00	2,496.79	-10,914.15	3,787.23	3,568.02	219.22	17.276	
20,000.00	6,840.00	6,706.00	6,706.00	378.84	116.08	90.00	2,496.79	-10,914.15	3,885.61	3,667.48	218.13	17.813	
20,100.00	6,840.00	6,706.00	6,706.00	381.54	116.08	90.00	2,496.79	-10,914.15	3,984.07	3,766.97	217.11	18.351	
20,200.00	6,840.00	6,706.00	6,706.00	384.24	116.08	90.00	2,496.79	-10,914.15	4,082.61	3,866.48	216.13	18.890	
20,300.00	6,840.00	6,706.00	6,706.00	386.94	116.08	90.00	2,496.79	-10,914.15	4,181.21	3,966.01	215.20	19.429	
20,400.00	6,840.00	6,706.00	6,706.00	389.64	116.08	90.00	2,496.79	-10,914.15	4,279.88	4,065.56	214.32	19.969	
20,500.00	6,840.00	6,706.00	6,706.00	392.34	116.08	90.00	2,496.79	-10,914.15	4,378.61	4,165.13	213.49	20.510	
20,600.00	6,840.00	6,706.00	6,706.00	395.04	116.08	90.00	2,496.79	-10,914.15	4,477.40	4,264.71	212.69	21.052	
20,609.76	6,840.00	6,706.00	6,706.00	395.31	116.08	90.00	2,496.79	-10,914.15	4,487.04	4,274.43	212.61	21.104	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,400.00	5,007.92	4,881.92	4,881.92	39.09	84.25	-54.22	-652.84	-11,220.22	9,989.20	9,871.81	117.39	85.093		
5,500.00	5,098.51	4,972.51	4,972.51	39.95	85.83	-54.40	-652.84	-11,220.22	9,962.89	9,843.14	119.75	83.200		
5,600.00	5,189.11	5,063.11	5,063.11	40.81	87.41	-54.59	-652.84	-11,220.22	9,936.69	9,814.59	122.10	81.379		
5,700.00	5,279.70	5,153.70	5,153.70	41.68	88.99	-54.78	-652.84	-11,220.22	9,910.61	9,786.14	124.46	79.626		
5,800.00	5,370.29	5,244.29	5,244.29	42.54	90.57	-54.97	-652.84	-11,220.22	9,884.63	9,757.81	126.83	77.938		
5,900.00	5,460.88	5,334.88	5,334.88	43.40	92.15	-55.15	-652.84	-11,220.22	9,858.77	9,729.58	129.19	76.310		
6,000.00	5,551.47	5,425.47	5,425.47	44.26	93.73	-55.34	-652.84	-11,220.22	9,833.03	9,701.47	131.56	74.740		
6,100.00	5,642.07	5,516.07	5,516.07	45.13	95.31	-55.53	-652.84	-11,220.22	9,807.40	9,673.46	133.93	73.226		
6,200.00	5,732.66	5,606.66	5,606.66	45.99	96.89	-55.73	-652.84	-11,220.22	9,781.89	9,645.58	136.31	71.763		
6,300.00	5,823.25	5,702.75	5,697.25	46.85	98.57	-55.92	-652.84	-11,220.22	9,756.49	9,617.71	138.78	70.301		
6,400.00	5,913.84	5,787.84	5,787.84	47.72	100.06	-56.11	-652.84	-11,220.22	9,731.21	9,590.14	141.07	68.983		
6,500.00	6,004.44	5,878.44	5,878.44	48.58	101.64	-56.31	-652.84	-11,220.22	9,706.05	9,562.60	143.45	67.662		
6,600.00	6,095.03	5,969.03	5,969.03	49.44	103.22	-56.50	-652.84	-11,220.22	9,681.01	9,535.18	145.83	66.383		
6,700.00	6,185.62	6,059.62	6,059.62	50.30	104.80	-56.70	-652.84	-11,220.22	9,656.09	9,507.87	148.22	65.145		
6,800.00	6,276.21	6,150.21	6,150.21	51.17	106.38	-56.89	-652.84	-11,220.22	9,631.29	9,480.68	150.61	63.947		
6,900.00	6,366.80	6,240.80	6,240.80	52.03	107.96	-57.09	-652.84	-11,220.22	9,606.62	9,453.61	153.01	62.785		
7,000.00	6,457.40	6,331.40	6,331.40	52.89	109.54	-57.29	-652.84	-11,220.22	9,582.07	9,426.66	155.41	61.658		
7,100.00	6,545.60	6,419.60	6,419.60	53.85	111.08	-48.17	-652.84	-11,220.22	9,551.39	9,393.59	157.80	60.528		
7,200.00	6,626.13	6,500.13	6,500.13	55.05	112.49	-43.02	-652.84	-11,220.22	9,505.44	9,345.30	160.14	59.357		
7,300.00	6,696.49	6,570.49	6,570.49	56.46	113.72	-41.47	-652.84	-11,220.22	9,445.51	9,283.17	162.34	58.183		
7,400.00	6,754.56	6,628.56	6,628.56	58.05	114.73	-42.94	-652.84	-11,220.22	9,373.42	9,209.10	164.32	57.043		
7,500.00	6,798.57	6,672.57	6,672.57	59.78	115.50	-48.09	-652.84	-11,220.22	9,291.36	9,125.34	166.01	55.968		
7,600.00	6,827.18	6,701.18	6,701.18	61.58	116.00	-59.37	-652.84	-11,220.22	9,201.79	9,034.43	167.35	54.984		
7,700.00	6,839.51	6,713.51	6,713.51	63.39	116.21	-82.19	-652.84	-11,220.22	9,107.40	8,939.11	168.30	54.115		
7,800.00	6,840.00	6,714.00	6,714.00	65.19	116.22	-90.00	-652.84	-11,220.22	9,011.22	8,842.28	168.94	53.339		
7,900.00	6,840.00	6,714.00	6,714.00	67.04	116.22	-90.00	-652.84	-11,220.22	8,915.07	8,745.48	169.59	52.567		
8,000.00	6,840.00	6,714.00	6,714.00	68.95	116.22	-90.00	-652.84	-11,220.22	8,819.01	8,648.74	170.26	51.796		
8,100.00	6,840.00	6,714.00	6,714.00	70.91	116.22	-90.00	-652.84	-11,220.22	8,723.03	8,552.07	170.96	51.025		
8,200.00	6,840.00	6,714.00	6,714.00	72.91	116.22	-90.00	-652.84	-11,220.22	8,627.15	8,455.48	171.67	50.255		
8,300.00	6,840.00	6,714.00	6,714.00	74.96	116.22	-90.00	-652.84	-11,220.22	8,531.36	8,358.95	172.40	49.485		
8,400.00	6,840.00	6,714.00	6,714.00	77.05	116.22	-90.00	-652.84	-11,220.22	8,435.67	8,262.51	173.16	48.716		
8,500.00	6,840.00	6,714.00	6,714.00	79.18	116.22	-90.00	-652.84	-11,220.22	8,340.07	8,166.14	173.94	47.948		
8,600.00	6,840.00	6,714.00	6,714.00	81.34	116.22	-90.00	-652.84	-11,220.22	8,244.59	8,069.85	174.74	47.181		
8,700.00	6,840.00	6,714.00	6,714.00	83.54	116.22	-90.00	-652.84	-11,220.22	8,149.21	7,973.64	175.57	46.416		
8,800.00	6,840.00	6,714.00	6,714.00	85.76	116.22	-90.00	-652.84	-11,220.22	8,053.94	7,877.52	176.42	45.651		
8,900.00	6,840.00	6,714.00	6,714.00	88.02	116.22	-90.00	-652.84	-11,220.22	7,958.80	7,781.49	177.30	44.888		
9,000.00	6,840.00	6,714.00	6,714.00	90.30	116.22	-90.00	-652.84	-11,220.22	7,863.77	7,685.56	178.21	44.127		
9,100.00	6,840.00	6,714.00	6,714.00	92.60	116.22	-90.00	-652.84	-11,220.22	7,768.86	7,589.72	179.14	43.367		
9,200.00	6,840.00	6,714.00	6,714.00	94.93	116.22	-90.00	-652.84	-11,220.22	7,674.09	7,493.98	180.11	42.609		
9,300.00	6,840.00	6,714.00	6,714.00	97.28	116.22	-90.00	-652.84	-11,220.22	7,579.45	7,398.35	181.10	41.853		
9,400.00	6,840.00	6,714.00	6,714.00	99.65	116.22	-90.00	-652.84	-11,220.22	7,484.95	7,302.83	182.12	41.099		
9,500.00	6,840.00	6,714.00	6,714.00	102.03	116.22	-90.00	-652.84	-11,220.22	7,390.59	7,207.42	183.17	40.348		
9,600.00	6,840.00	6,714.00	6,714.00	104.43	116.22	-90.00	-652.84	-11,220.22	7,296.38	7,112.12	184.26	39.598		
9,700.00	6,840.00	6,714.00	6,714.00	106.85	116.22	-90.00	-652.84	-11,220.22	7,202.33	7,016.95	185.38	38.852		
9,800.00	6,840.00	6,714.00	6,714.00	109.29	116.22	-90.00	-652.84	-11,220.22	7,108.44	6,921.91	186.53	38.108		
9,900.00	6,840.00	6,714.00	6,714.00	111.73	116.22	-90.00	-652.84	-11,220.22	7,014.73	6,827.00	187.72	37.367		
10,000.00	6,840.00	6,714.00	6,714.00	114.19	116.22	-90.00	-652.84	-11,220.22	6,921.18	6,732.23	188.95	36.630		
10,100.00	6,840.00	6,714.00	6,714.00	116.66	116.22	-90.00	-652.84	-11,220.22	6,827.82	6,637.61	190.22	35.895		
10,200.00	6,840.00	6,714.00	6,714.00	119.15	116.22	-90.00	-652.84	-11,220.22	6,734.65	6,543.13	191.52	35.164		
10,300.00	6,840.00	6,714.00	6,714.00	121.64	116.22	-90.00	-652.84	-11,220.22	6,641.68	6,448.82	192.87	34.437		
10,400.00	6,840.00	6,714.00	6,714.00	124.14	116.22	-90.00	-652.84	-11,220.22	6,548.92	6,354.67	194.25	33.713		
10,500.00	6,840.00	6,714.00	6,714.00	126.65	116.22	-90.00	-652.84	-11,220.22	6,456.37	6,260.69	195.69	32.994		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,600.00	6,840.00	6,714.00	6,714.00	129.18	116.22	-90.00	-652.84	-11,220.22	6,364.05	6,166.89	197.16	32.278		
10,700.00	6,840.00	6,714.00	6,714.00	131.70	116.22	-90.00	-652.84	-11,220.22	6,271.96	6,073.28	198.69	31.567		
10,800.00	6,840.00	6,714.00	6,714.00	134.24	116.22	-90.00	-652.84	-11,220.22	6,180.12	5,979.86	200.26	30.860		
10,900.00	6,840.00	6,714.00	6,714.00	136.79	116.22	-90.00	-652.84	-11,220.22	6,088.54	5,886.66	201.89	30.158		
11,000.00	6,840.00	6,714.00	6,714.00	139.34	116.22	-90.00	-652.84	-11,220.22	5,997.23	5,793.66	203.56	29.461		
11,100.00	6,840.00	6,714.00	6,714.00	141.90	116.22	-90.00	-652.84	-11,220.22	5,906.19	5,700.90	205.29	28.769		
11,200.00	6,840.00	6,714.00	6,714.00	144.46	116.22	-90.00	-652.84	-11,220.22	5,815.46	5,608.37	207.08	28.083		
11,300.00	6,840.00	6,714.00	6,714.00	147.03	116.22	-90.00	-652.84	-11,220.22	5,725.03	5,516.10	208.93	27.402		
11,400.00	6,840.00	6,714.00	6,714.00	149.60	116.22	-90.00	-652.84	-11,220.22	5,634.92	5,424.09	210.83	26.727		
11,500.00	6,840.00	6,714.00	6,714.00	152.18	116.22	-90.00	-652.84	-11,220.22	5,545.15	5,332.35	212.80	26.058		
11,600.00	6,840.00	6,714.00	6,714.00	154.77	116.22	-90.00	-652.84	-11,220.22	5,455.74	5,240.90	214.84	25.395		
11,700.00	6,840.00	6,714.00	6,714.00	157.36	116.22	-90.00	-652.84	-11,220.22	5,366.70	5,149.76	216.94	24.738		
11,800.00	6,840.00	6,714.00	6,714.00	159.95	116.22	-90.00	-652.84	-11,220.22	5,278.06	5,058.94	219.11	24.088		
11,900.00	6,840.00	6,714.00	6,714.00	162.55	116.22	-90.00	-652.84	-11,220.22	5,189.83	4,968.47	221.36	23.445		
12,000.00	6,840.00	6,714.00	6,714.00	165.16	116.22	-90.00	-652.84	-11,220.22	5,102.03	4,878.35	223.68	22.810		
12,100.00	6,840.00	6,714.00	6,714.00	167.76	116.22	-90.00	-652.84	-11,220.22	5,014.69	4,788.61	226.08	22.181		
12,200.00	6,840.00	6,714.00	6,714.00	170.37	116.22	-90.00	-652.84	-11,220.22	4,927.83	4,699.27	228.56	21.560		
12,300.00	6,840.00	6,714.00	6,714.00	172.99	116.22	-90.00	-652.84	-11,220.22	4,841.47	4,610.35	231.12	20.948		
12,400.00	6,840.00	6,714.00	6,714.00	175.60	116.22	-90.00	-652.84	-11,220.22	4,755.66	4,521.88	233.78	20.343		
12,500.00	6,840.00	6,714.00	6,714.00	178.23	116.22	-90.00	-652.84	-11,220.22	4,670.40	4,433.89	236.52	19.747		
12,600.00	6,840.00	6,714.00	6,714.00	180.85	116.22	-90.00	-652.84	-11,220.22	4,585.74	4,346.39	239.35	19.159		
12,700.00	6,840.00	6,714.00	6,714.00	183.47	116.22	-90.00	-652.84	-11,220.22	4,501.72	4,259.43	242.28	18.580		
12,800.00	6,840.00	6,714.00	6,714.00	186.10	116.22	-90.00	-652.84	-11,220.22	4,418.35	4,173.04	245.31	18.011		
12,900.00	6,840.00	6,714.00	6,714.00	188.74	116.22	-90.00	-652.84	-11,220.22	4,335.69	4,087.25	248.45	17.451		
13,000.00	6,840.00	6,714.00	6,714.00	191.37	116.22	-90.00	-652.84	-11,220.22	4,253.78	4,002.09	251.69	16.901		
13,100.00	6,840.00	6,714.00	6,714.00	194.01	116.22	-90.00	-652.84	-11,220.22	4,172.65	3,917.62	255.03	16.361		
13,200.00	6,840.00	6,714.00	6,714.00	196.65	116.22	-90.00	-652.84	-11,220.22	4,092.36	3,833.87	258.49	15.832		
13,300.00	6,840.00	6,714.00	6,714.00	199.29	116.22	-90.00	-652.84	-11,220.22	4,012.96	3,750.89	262.06	15.313		
13,400.00	6,840.00	6,714.00	6,714.00	201.93	116.22	-90.00	-652.84	-11,220.22	3,934.49	3,668.74	265.75	14.805		
13,500.00	6,840.00	6,714.00	6,714.00	204.58	116.22	-90.00	-652.84	-11,220.22	3,857.02	3,587.46	269.56	14.309		
13,600.00	6,840.00	6,714.00	6,714.00	207.22	116.22	-90.00	-652.84	-11,220.22	3,780.61	3,507.13	273.48	13.824		
13,700.00	6,840.00	6,714.00	6,714.00	209.87	116.22	-90.00	-652.84	-11,220.22	3,705.32	3,427.79	277.53	13.351		
13,800.00	6,840.00	6,714.00	6,714.00	212.52	116.22	-90.00	-652.84	-11,220.22	3,631.23	3,349.53	281.70	12.890		
13,900.00	6,840.00	6,714.00	6,714.00	215.18	116.22	-90.00	-652.84	-11,220.22	3,558.40	3,272.41	285.99	12.442		
14,000.00	6,840.00	6,714.00	6,714.00	217.83	116.22	-90.00	-652.84	-11,220.22	3,486.92	3,196.52	290.40	12.007		
14,100.00	6,840.00	6,714.00	6,714.00	220.49	116.22	-90.00	-652.84	-11,220.22	3,416.87	3,121.94	294.93	11.585		
14,200.00	6,840.00	6,714.00	6,714.00	223.15	116.22	-90.00	-652.84	-11,220.22	3,348.34	3,048.77	299.57	11.177		
14,300.00	6,840.00	6,714.00	6,714.00	225.81	116.22	-90.00	-652.84	-11,220.22	3,281.43	2,977.11	304.32	10.783		
14,400.00	6,840.00	6,714.00	6,714.00	228.47	116.22	-90.00	-652.84	-11,220.22	3,216.24	2,907.06	309.18	10.403		
14,500.00	6,840.00	6,714.00	6,714.00	231.13	116.22	-90.00	-652.84	-11,220.22	3,152.87	2,838.74	314.13	10.037		
14,600.00	6,840.00	6,714.00	6,714.00	233.79	116.22	-90.00	-652.84	-11,220.22	3,091.43	2,772.27	319.16	9.686		
14,700.00	6,840.00	6,714.00	6,714.00	236.46	116.22	-90.00	-652.84	-11,220.22	3,032.06	2,707.79	324.27	9.351		
14,800.00	6,840.00	6,714.00	6,714.00	239.12	116.22	-90.00	-652.84	-11,220.22	2,974.85	2,645.43	329.43	9.030		
14,900.00	6,840.00	6,714.00	6,714.00	241.79	116.22	-90.00	-652.84	-11,220.22	2,919.96	2,585.33	334.63	8.726		
15,000.00	6,840.00	6,714.00	6,714.00	244.46	116.22	-90.00	-652.84	-11,220.22	2,867.50	2,527.65	339.85	8.438		
15,100.00	6,840.00	6,714.00	6,714.00	247.13	116.22	-90.00	-652.84	-11,220.22	2,817.61	2,472.55	345.06	8.166		
15,200.00	6,840.00	6,714.00	6,714.00	249.80	116.22	-90.00	-652.84	-11,220.22	2,770.44	2,420.20	350.24	7.910		
15,300.00	6,840.00	6,714.00	6,714.00	252.47	116.22	-90.00	-652.84	-11,220.22	2,726.12	2,370.76	355.36	7.671		
15,400.00	6,840.00	6,714.00	6,714.00	255.15	116.22	-90.00	-652.84	-11,220.22	2,684.80	2,324.41	360.39	7.450		
15,500.00	6,840.00	6,714.00	6,714.00	257.82	116.22	-90.00	-652.84	-11,220.22	2,646.61	2,281.33	365.28	7.245		
15,600.00	6,840.00	6,714.00	6,714.00	260.50	116.22	-90.00	-652.84	-11,220.22	2,611.69	2,241.68	370.01	7.058		
15,700.00	6,840.00	6,714.00	6,714.00	263.17	116.22	-90.00	-652.84	-11,220.22	2,580.18	2,205.64	374.54	6.889		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,800.00	6,840.00	6,714.00	6,714.00	265.85	116.22	-90.00	-652.84	-11,220.22	2,552.20	2,173.38	378.82	6.737		
15,900.00	6,840.00	6,714.00	6,714.00	268.53	116.22	-90.00	-652.84	-11,220.22	2,527.87	2,145.05	382.82	6.603		
16,000.00	6,840.00	6,714.00	6,714.00	271.20	116.22	-90.00	-652.84	-11,220.22	2,507.29	2,120.79	386.50	6.487		
16,100.00	6,840.00	6,714.00	6,714.00	273.88	116.22	-90.00	-652.84	-11,220.22	2,490.56	2,100.73	389.84	6.389		
16,200.00	6,840.00	6,714.00	6,714.00	276.56	116.22	-90.00	-652.84	-11,220.22	2,477.76	2,084.98	392.78	6.308		
16,300.00	6,840.00	6,714.00	6,714.00	279.25	116.22	-90.00	-652.84	-11,220.22	2,468.94	2,073.63	395.32	6.246		
16,400.00	6,840.00	6,714.00	6,714.00	281.93	116.22	-90.00	-652.84	-11,220.22	2,464.16	2,066.74	397.42	6.200		
16,468.02	6,840.00	6,714.00	6,714.00	283.75	116.22	-90.00	-652.84	-11,220.22	2,463.22	2,064.63	398.59	6.180 CC		
16,500.00	6,840.00	6,714.00	6,714.00	284.61	116.22	-90.00	-652.84	-11,220.22	2,463.43	2,064.36	399.07	6.173 ES		
16,600.00	6,840.00	6,714.00	6,714.00	287.29	116.22	-90.00	-652.84	-11,220.22	2,466.75	2,066.49	400.26	6.163 SF		
16,700.00	6,840.00	6,714.00	6,714.00	289.98	116.22	-90.00	-652.84	-11,220.22	2,474.12	2,073.12	401.00	6.170		
16,800.00	6,840.00	6,714.00	6,714.00	292.66	116.22	-90.00	-652.84	-11,220.22	2,485.49	2,084.21	401.28	6.194		
16,900.00	6,840.00	6,714.00	6,714.00	295.35	116.22	-90.00	-652.84	-11,220.22	2,500.81	2,099.70	401.11	6.235		
17,000.00	6,840.00	6,714.00	6,714.00	298.03	116.22	-90.00	-652.84	-11,220.22	2,520.01	2,119.49	400.52	6.292		
17,100.00	6,840.00	6,714.00	6,714.00	300.72	116.22	-90.00	-652.84	-11,220.22	2,543.00	2,143.48	399.52	6.365		
17,200.00	6,840.00	6,714.00	6,714.00	303.41	116.22	-90.00	-652.84	-11,220.22	2,569.68	2,171.53	398.14	6.454		
17,300.00	6,840.00	6,714.00	6,714.00	306.09	116.22	-90.00	-652.84	-11,220.22	2,599.93	2,203.51	396.42	6.559		
17,400.00	6,840.00	6,714.00	6,714.00	308.78	116.22	-90.00	-652.84	-11,220.22	2,633.64	2,239.26	394.38	6.678		
17,500.00	6,840.00	6,714.00	6,714.00	311.47	116.22	-90.00	-652.84	-11,220.22	2,670.66	2,278.61	392.05	6.812		
17,600.00	6,840.00	6,714.00	6,714.00	314.16	116.22	-90.00	-652.84	-11,220.22	2,710.87	2,321.40	389.47	6.960		
17,700.00	6,840.00	6,714.00	6,714.00	316.85	116.22	-90.00	-652.84	-11,220.22	2,754.13	2,367.45	386.68	7.123		
17,800.00	6,840.00	6,714.00	6,714.00	319.54	116.22	-90.00	-652.84	-11,220.22	2,800.29	2,416.59	383.70	7.298		
17,900.00	6,840.00	6,714.00	6,714.00	322.23	116.22	-90.00	-652.84	-11,220.22	2,849.21	2,468.64	380.57	7.487		
18,000.00	6,840.00	6,714.00	6,714.00	324.92	116.22	-90.00	-652.84	-11,220.22	2,900.76	2,523.44	377.32	7.688		
18,100.00	6,840.00	6,714.00	6,714.00	327.62	116.22	-90.00	-652.84	-11,220.22	2,954.79	2,580.83	373.97	7.901		
18,200.00	6,840.00	6,714.00	6,714.00	330.31	116.22	-90.00	-652.84	-11,220.22	3,011.18	2,640.63	370.55	8.126		
18,300.00	6,840.00	6,714.00	6,714.00	333.00	116.22	-90.00	-652.84	-11,220.22	3,069.79	2,702.71	367.08	8.363		
18,400.00	6,840.00	6,714.00	6,714.00	335.70	116.22	-90.00	-652.84	-11,220.22	3,130.49	2,766.92	363.58	8.610		
18,500.00	6,840.00	6,714.00	6,714.00	338.39	116.22	-90.00	-652.84	-11,220.22	3,193.18	2,833.11	360.06	8.868		
18,600.00	6,840.00	6,714.00	6,714.00	341.08	116.22	-90.00	-652.84	-11,220.22	3,257.73	2,901.17	356.56	9.137		
18,700.00	6,840.00	6,714.00	6,714.00	343.78	116.22	-90.00	-652.84	-11,220.22	3,324.03	2,970.96	353.07	9.415		
18,800.00	6,840.00	6,714.00	6,714.00	346.47	116.22	-90.00	-652.84	-11,220.22	3,391.99	3,042.38	349.60	9.702		
18,900.00	6,840.00	6,714.00	6,714.00	349.17	116.22	-90.00	-652.84	-11,220.22	3,461.50	3,115.32	346.18	9.999		
19,000.00	6,840.00	6,714.00	6,714.00	351.86	116.22	-90.00	-652.84	-11,220.22	3,532.47	3,189.67	342.80	10.305		
19,100.00	6,840.00	6,714.00	6,714.00	354.56	116.22	-90.00	-652.84	-11,220.22	3,604.82	3,265.34	339.48	10.619		
19,200.00	6,840.00	6,714.00	6,714.00	357.26	116.22	-90.00	-652.84	-11,220.22	3,678.47	3,342.25	336.22	10.941		
19,300.00	6,840.00	6,714.00	6,714.00	359.95	116.22	-90.00	-652.84	-11,220.22	3,753.34	3,420.32	333.02	11.271		
19,400.00	6,840.00	6,714.00	6,714.00	362.65	116.22	-90.00	-652.84	-11,220.22	3,829.35	3,499.47	329.88	11.608		
19,500.00	6,840.00	6,714.00	6,714.00	365.35	116.22	-90.00	-652.84	-11,220.22	3,906.45	3,579.63	326.82	11.953		
19,600.00	6,840.00	6,714.00	6,714.00	368.05	116.22	-90.00	-652.84	-11,220.22	3,984.56	3,660.74	323.82	12.305		
19,700.00	6,840.00	6,714.00	6,714.00	370.74	116.22	-90.00	-652.84	-11,220.22	4,063.64	3,742.74	320.90	12.663		
19,800.00	6,840.00	6,714.00	6,714.00	373.44	116.22	-90.00	-652.84	-11,220.22	4,143.61	3,825.57	318.04	13.028		
19,900.00	6,840.00	6,714.00	6,714.00	376.14	116.22	-90.00	-652.84	-11,220.22	4,224.44	3,909.18	315.27	13.400		
20,000.00	6,840.00	6,714.00	6,714.00	378.84	116.22	-90.00	-652.84	-11,220.22	4,306.08	3,993.52	312.56	13.777		
20,100.00	6,840.00	6,714.00	6,714.00	381.54	116.22	-90.00	-652.84	-11,220.22	4,388.48	4,078.55	309.92	14.160		
20,200.00	6,840.00	6,714.00	6,714.00	384.24	116.22	-90.00	-652.84	-11,220.22	4,471.59	4,164.23	307.36	14.548		
20,300.00	6,840.00	6,714.00	6,714.00	386.94	116.22	-90.00	-652.84	-11,220.22	4,555.38	4,250.52	304.87	14.942		
20,400.00	6,840.00	6,714.00	6,714.00	389.64	116.22	-90.00	-652.84	-11,220.22	4,639.82	4,337.38	302.44	15.341		
20,500.00	6,840.00	6,714.00	6,714.00	392.34	116.22	-90.00	-652.84	-11,220.22	4,724.86	4,424.78	300.08	15.745		
20,600.00	6,840.00	6,714.00	6,714.00	395.04	116.22	-90.00	-652.84	-11,220.22	4,810.48	4,512.69	297.79	16.154		
20,609.76	6,840.00	6,714.00	6,714.00	395.31	116.22	-90.00	-652.84	-11,220.22	4,818.86	4,521.29	297.57	16.194		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,200.00	6,840.00	6,658.65	6,657.88	119.15	1.66	-87.70	-521.03	-14,611.96	9,941.59	9,876.19	65.40	152.007		
10,300.00	6,840.00	6,659.11	6,658.34	121.64	1.66	-87.71	-521.04	-14,611.96	9,844.45	9,778.29	66.16	148.802		
10,400.00	6,840.00	6,659.57	6,658.81	124.14	1.66	-87.73	-521.04	-14,611.97	9,747.37	9,680.43	66.93	145.630		
10,500.00	6,840.00	6,660.04	6,659.27	126.65	1.66	-87.74	-521.04	-14,611.97	9,650.34	9,582.62	67.73	142.493		
10,600.00	6,840.00	6,660.51	6,659.75	129.18	1.66	-87.75	-521.05	-14,611.97	9,553.38	9,484.84	68.54	139.390		
10,700.00	6,840.00	6,660.99	6,660.22	131.70	1.66	-87.76	-521.05	-14,611.98	9,456.48	9,387.11	69.37	136.322		
10,800.00	6,840.00	6,661.47	6,660.70	134.24	1.66	-87.77	-521.06	-14,611.98	9,359.64	9,289.42	70.22	133.290		
10,900.00	6,840.00	6,661.95	6,661.19	136.79	1.66	-87.78	-521.06	-14,611.98	9,262.87	9,191.78	71.09	130.293		
11,000.00	6,840.00	6,662.44	6,661.67	139.34	1.66	-87.80	-521.07	-14,611.99	9,166.18	9,094.19	71.99	127.331		
11,100.00	6,840.00	6,662.93	6,662.17	141.90	1.66	-87.81	-521.07	-14,611.99	9,069.55	8,996.65	72.90	124.406		
11,200.00	6,840.00	6,663.43	6,662.66	144.46	1.66	-87.82	-521.08	-14,612.00	8,972.99	8,899.15	73.84	121.517		
11,300.00	6,840.00	6,663.93	6,663.16	147.03	1.66	-87.83	-521.08	-14,612.00	8,876.52	8,801.71	74.80	118.665		
11,400.00	6,840.00	6,664.43	6,663.67	149.60	1.66	-87.84	-521.09	-14,612.00	8,780.12	8,704.33	75.79	115.849		
11,500.00	6,840.00	6,664.94	6,664.18	152.18	1.66	-87.86	-521.09	-14,612.01	8,683.80	8,607.00	76.80	113.071		
11,600.00	6,840.00	6,665.46	6,664.69	154.77	1.66	-87.87	-521.09	-14,612.01	8,587.57	8,509.73	77.84	110.329		
11,700.00	6,840.00	6,665.98	6,665.21	157.36	1.66	-87.88	-521.10	-14,612.02	8,491.42	8,412.53	78.90	107.625		
11,800.00	6,840.00	6,666.50	6,665.74	159.95	1.66	-87.89	-521.10	-14,612.02	8,395.37	8,315.38	79.99	104.959		
11,900.00	6,840.00	6,667.03	6,666.26	162.55	1.66	-87.91	-521.11	-14,612.02	8,299.41	8,218.30	81.10	102.330		
12,000.00	6,840.00	6,667.56	6,666.80	165.16	1.66	-87.92	-521.11	-14,612.03	8,203.54	8,121.29	82.25	99.739		
12,100.00	6,840.00	6,668.10	6,667.33	167.76	1.66	-87.93	-521.12	-14,612.03	8,107.77	8,024.35	83.43	97.185		
12,200.00	6,840.00	6,668.64	6,667.88	170.37	1.66	-87.95	-521.12	-14,612.04	8,012.11	7,927.48	84.63	94.670		
12,300.00	6,840.00	6,669.19	6,668.42	172.99	1.66	-87.96	-521.13	-14,612.04	7,916.55	7,830.68	85.87	92.192		
12,400.00	6,840.00	6,669.74	6,668.98	175.60	1.66	-87.97	-521.13	-14,612.05	7,821.11	7,733.97	87.14	89.753		
12,500.00	6,840.00	6,670.30	6,669.53	178.23	1.66	-87.99	-521.14	-14,612.05	7,725.78	7,637.33	88.44	87.352		
12,600.00	6,840.00	6,670.86	6,670.10	180.85	1.66	-88.00	-521.14	-14,612.06	7,630.57	7,540.79	89.78	84.988		
12,700.00	6,840.00	6,671.43	6,670.66	183.47	1.66	-88.01	-521.15	-14,612.06	7,535.48	7,444.32	91.16	82.663		
12,800.00	6,840.00	6,672.00	6,671.24	186.10	1.66	-88.03	-521.15	-14,612.06	7,440.53	7,347.95	92.57	80.376		
12,900.00	6,840.00	6,672.58	6,671.81	188.74	1.66	-88.04	-521.16	-14,612.07	7,345.70	7,251.68	94.02	78.128		
13,000.00	6,840.00	6,673.16	6,672.40	191.37	1.66	-88.06	-521.16	-14,612.07	7,251.02	7,155.50	95.51	75.917		
13,100.00	6,840.00	6,673.75	6,672.99	194.01	1.66	-88.07	-521.17	-14,612.08	7,156.48	7,059.43	97.04	73.744		
13,200.00	6,840.00	6,674.35	6,673.58	196.65	1.66	-88.09	-521.18	-14,612.08	7,062.09	6,963.47	98.62	71.610		
13,300.00	6,840.00	6,674.95	6,674.18	199.29	1.66	-88.10	-521.18	-14,612.09	6,967.85	6,867.62	100.24	69.513		
13,400.00	6,840.00	6,675.56	6,674.79	201.93	1.66	-88.12	-521.19	-14,612.10	6,873.78	6,771.88	101.90	67.454		
13,500.00	6,840.00	6,676.17	6,675.40	204.58	1.66	-88.13	-521.19	-14,612.10	6,779.88	6,676.27	103.61	65.434		
13,600.00	6,840.00	6,676.79	6,676.02	207.22	1.66	-88.15	-521.20	-14,612.11	6,686.16	6,580.78	105.38	63.450		
13,700.00	6,840.00	6,677.41	6,676.64	209.87	1.66	-88.16	-521.20	-14,612.11	6,592.62	6,485.43	107.19	61.505		
13,800.00	6,840.00	6,678.04	6,677.27	212.52	1.66	-88.18	-521.21	-14,612.12	6,499.27	6,390.22	109.05	59.597		
13,900.00	6,840.00	6,678.68	6,677.91	215.18	1.66	-88.19	-521.21	-14,612.12	6,406.13	6,295.15	110.97	57.727		
14,000.00	6,840.00	6,679.32	6,678.55	217.83	1.66	-88.21	-521.22	-14,612.13	6,313.19	6,200.24	112.95	55.893		
14,100.00	6,840.00	6,679.97	6,679.20	220.49	1.66	-88.22	-521.23	-14,612.13	6,220.47	6,105.48	114.99	54.097		
14,200.00	6,840.00	6,680.62	6,679.86	223.15	1.66	-88.24	-521.23	-14,612.14	6,127.98	6,010.90	117.08	52.338		
14,300.00	6,840.00	6,681.28	6,680.52	225.81	1.66	-88.26	-521.24	-14,612.15	6,035.73	5,916.49	119.24	50.616		
14,400.00	6,840.00	6,681.95	6,681.19	228.47	1.66	-88.27	-521.24	-14,612.15	5,943.73	5,822.26	121.47	48.931		
14,500.00	6,840.00	6,682.63	6,681.86	231.13	1.66	-88.29	-521.25	-14,612.16	5,852.00	5,728.23	123.77	47.282		
14,600.00	6,840.00	6,683.31	6,682.54	233.79	1.66	-88.30	-521.26	-14,612.16	5,760.53	5,634.40	126.13	45.670		
14,700.00	6,840.00	6,684.00	6,683.23	236.46	1.66	-88.32	-521.26	-14,612.17	5,669.36	5,540.79	128.58	44.094		
14,800.00	6,840.00	6,684.70	6,683.93	239.12	1.66	-88.34	-521.27	-14,612.18	5,578.49	5,447.40	131.09	42.553		
14,900.00	6,840.00	6,685.40	6,684.63	241.79	1.66	-88.36	-521.27	-14,612.18	5,487.94	5,354.24	133.69	41.049		
15,000.00	6,840.00	6,686.11	6,685.34	244.46	1.66	-88.37	-521.28	-14,612.19	5,397.72	5,261.34	136.37	39.580		
15,100.00	6,840.00	6,686.83	6,686.06	247.13	1.66	-88.39	-521.29	-14,612.20	5,307.85	5,168.71	139.14	38.147		
15,200.00	6,840.00	6,687.55	6,686.79	249.80	1.66	-88.41	-521.29	-14,612.20	5,218.34	5,076.35	142.00	36.749		
15,300.00	6,840.00	6,688.29	6,687.52	252.47	1.66	-88.43	-521.30	-14,612.21	5,129.23	4,984.28	144.95	35.386		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,400.00	6,840.00	6,689.03	6,688.26	255.15	1.66	-88.44	-521.31	-14,612.22	5,040.53	4,892.53	148.00	34.058		
15,500.00	6,840.00	6,689.78	6,689.01	257.82	1.66	-88.46	-521.31	-14,612.23	4,952.25	4,801.10	151.15	32.765		
15,600.00	6,840.00	6,690.53	6,689.77	260.50	1.66	-88.48	-521.32	-14,612.23	4,864.43	4,710.03	154.40	31.505		
15,700.00	6,840.00	6,691.30	6,690.53	263.17	1.66	-88.50	-521.33	-14,612.24	4,777.09	4,619.32	157.76	30.280		
15,800.00	6,840.00	6,692.07	6,691.31	265.85	1.66	-88.52	-521.33	-14,612.25	4,690.25	4,529.01	161.24	29.089		
15,900.00	6,840.00	6,692.85	6,692.09	268.53	1.66	-88.54	-521.34	-14,612.26	4,603.95	4,439.12	164.83	27.932		
16,000.00	6,840.00	6,693.64	6,692.88	271.20	1.66	-88.56	-521.35	-14,612.26	4,518.21	4,349.66	168.54	26.808		
16,100.00	6,840.00	6,694.44	6,693.68	273.88	1.66	-88.58	-521.36	-14,612.27	4,433.07	4,260.68	172.38	25.717		
16,200.00	6,840.00	6,695.25	6,694.48	276.56	1.66	-88.60	-521.36	-14,612.28	4,348.56	4,172.21	176.35	24.659		
16,300.00	6,840.00	6,696.07	6,695.30	279.25	1.66	-88.62	-521.37	-14,612.29	4,264.72	4,084.27	180.45	23.633		
16,400.00	6,840.00	6,696.89	6,696.13	281.93	1.66	-88.64	-521.38	-14,612.30	4,181.59	3,996.90	184.69	22.641		
16,500.00	6,840.00	6,697.73	6,696.96	284.61	1.66	-88.66	-521.38	-14,612.30	4,099.21	3,910.14	189.08	21.680		
16,600.00	6,840.00	6,698.57	6,697.81	287.29	1.66	-88.68	-521.39	-14,612.31	4,017.64	3,824.03	193.61	20.751		
16,700.00	6,840.00	6,699.43	6,698.66	289.98	1.66	-88.70	-521.40	-14,612.32	3,936.91	3,738.62	198.29	19.854		
16,800.00	6,840.00	6,700.31	6,699.54	292.66	1.66	-88.72	-521.41	-14,612.33	3,857.09	3,653.96	203.13	18.988		
16,900.00	6,840.00	6,701.25	6,700.48	295.35	1.66	-88.74	-521.42	-14,612.34	3,778.23	3,570.11	208.12	18.154		
17,000.00	6,840.00	6,702.22	6,701.45	298.03	1.66	-88.77	-521.42	-14,612.35	3,700.39	3,487.11	213.28	17.350		
17,100.00	6,840.00	6,703.21	6,702.44	300.72	1.67	-88.79	-521.43	-14,612.36	3,623.64	3,405.04	218.60	16.577		
17,200.00	6,840.00	6,704.23	6,703.47	303.41	1.67	-88.82	-521.44	-14,612.37	3,548.04	3,323.97	224.08	15.834		
17,300.00	6,840.00	6,705.28	6,704.52	306.09	1.67	-88.84	-521.45	-14,612.38	3,473.68	3,243.96	229.72	15.121		
17,400.00	6,840.00	6,706.37	6,705.60	308.78	1.67	-88.87	-521.46	-14,612.40	3,400.63	3,165.11	235.53	14.438		
17,500.00	6,840.00	6,707.48	6,706.71	311.47	1.67	-88.89	-521.47	-14,612.41	3,328.99	3,087.50	241.49	13.785		
17,600.00	6,840.00	6,708.63	6,707.86	314.16	1.67	-88.92	-521.48	-14,612.42	3,258.84	3,011.22	247.62	13.161		
17,700.00	6,840.00	6,709.81	6,709.04	316.85	1.67	-88.95	-521.48	-14,612.44	3,190.27	2,936.39	253.89	12.566		
17,800.00	6,840.00	6,711.03	6,710.26	319.54	1.67	-88.98	-521.49	-14,612.45	3,123.41	2,863.11	260.30	11.999		
17,900.00	6,840.00	6,712.28	6,711.51	322.23	1.67	-89.01	-521.50	-14,612.47	3,058.35	2,791.51	266.85	11.461		
18,000.00	6,840.00	6,713.58	6,712.81	324.92	1.67	-89.04	-521.51	-14,612.48	2,995.22	2,721.71	273.51	10.951		
18,100.00	6,840.00	6,714.91	6,714.15	327.62	1.67	-89.08	-521.52	-14,612.50	2,934.14	2,653.87	280.27	10.469		
18,200.00	6,840.00	6,716.30	6,715.53	330.31	1.67	-89.11	-521.53	-14,612.52	2,875.24	2,588.13	287.11	10.014		
18,300.00	6,840.00	6,717.72	6,716.95	333.00	1.67	-89.14	-521.54	-14,612.53	2,818.66	2,524.66	294.00	9.587		
18,400.00	6,840.00	6,719.20	6,718.43	335.70	1.67	-89.18	-521.55	-14,612.55	2,764.54	2,463.62	300.92	9.187		
18,500.00	6,840.00	6,720.73	6,719.96	338.39	1.67	-89.22	-521.56	-14,612.57	2,713.02	2,405.20	307.82	8.814		
18,600.00	6,840.00	6,722.31	6,721.54	341.08	1.67	-89.26	-521.57	-14,612.60	2,664.26	2,349.59	314.68	8.467		
18,700.00	6,840.00	6,723.95	6,723.18	343.78	1.67	-89.30	-521.57	-14,612.62	2,618.42	2,296.98	321.44	8.146		
18,800.00	6,840.00	6,725.64	6,724.87	346.47	1.67	-89.34	-521.58	-14,612.64	2,575.64	2,247.58	328.06	7.851		
18,900.00	6,840.00	6,727.40	6,726.63	349.17	1.67	-89.38	-521.59	-14,612.67	2,536.08	2,201.59	334.49	7.582		
19,000.00	6,840.00	6,729.23	6,728.46	351.86	1.67	-89.43	-521.60	-14,612.69	2,499.90	2,159.22	340.68	7.338		
19,100.00	6,840.00	6,731.13	6,730.36	354.56	1.67	-89.47	-521.61	-14,612.72	2,467.25	2,120.68	346.56	7.119		
19,200.00	6,840.00	6,733.10	6,732.33	357.26	1.67	-89.52	-521.62	-14,612.75	2,438.26	2,086.17	352.08	6.925		
19,300.00	6,840.00	6,735.15	6,734.38	359.95	1.67	-89.57	-521.63	-14,612.78	2,413.06	2,055.88	357.18	6.756		
19,400.00	6,840.00	6,737.29	6,736.51	362.65	1.67	-89.62	-521.63	-14,612.82	2,391.79	2,029.97	361.81	6.611		
19,500.00	6,840.00	6,739.51	6,738.74	365.35	1.67	-89.68	-521.64	-14,612.85	2,374.53	2,008.62	365.91	6.489		
19,600.00	6,840.00	6,741.83	6,741.06	368.05	1.67	-89.73	-521.65	-14,612.89	2,361.39	1,991.95	369.44	6.392		
19,700.00	6,840.00	6,744.25	6,743.48	370.74	1.67	-89.79	-521.65	-14,612.93	2,352.43	1,980.06	372.36	6.318		
19,800.00	6,840.00	6,746.78	6,746.00	373.44	1.67	-89.85	-521.66	-14,612.97	2,347.69	1,973.05	374.64	6.267		
19,861.35	6,840.00	6,748.38	6,747.61	375.10	1.67	-89.89	-521.66	-14,613.00	2,346.89	1,971.18	375.71	6.247 CC		
19,900.00	6,840.00	6,749.42	6,748.64	376.14	1.67	-89.92	-521.66	-14,613.02	2,347.21	1,970.95	376.25	6.238 ES		
20,000.00	6,840.00	6,752.18	6,751.41	378.84	1.67	-89.99	-521.67	-14,613.07	2,350.98	1,973.78	377.20	6.233 SF		
20,100.00	6,840.00	6,755.08	6,754.31	381.54	1.67	-90.06	-521.67	-14,613.12	2,358.98	1,981.52	377.47	6.249		
20,200.00	6,840.00	6,758.12	6,757.35	384.24	1.67	-90.13	-521.67	-14,613.18	2,371.18	1,994.10	377.09	6.288		
20,300.00	6,840.00	6,761.31	6,760.54	386.94	1.67	-90.21	-521.67	-14,613.24	2,387.51	2,011.44	376.07	6.349		
20,400.00	6,840.00	6,764.67	6,763.89	389.64	1.67	-90.29	-521.67	-14,613.31	2,407.88	2,033.43	374.44	6.431		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
20,500.00	6,840.00	6,768.20	6,767.43	392.34	1.68	-90.38	-521.67	-14,613.38	2,432.19	2,059.93	372.26	6.534	
20,600.00	6,840.00	6,771.93	6,771.15	395.04	1.68	-90.47	-521.66	-14,613.46	2,460.32	2,090.77	369.55	6.658	
20,609.76	6,840.00	6,772.30	6,771.52	395.31	1.68	-90.48	-521.66	-14,613.46	2,463.27	2,094.01	369.26	6.671	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,500.00	6,840.00	6,916.50	6,915.38	126.65	1.82	-94.43	-89.31	-15,055.91	9,992.76	9,930.01	62.76	159.230		
10,600.00	6,840.00	6,915.56	6,914.44	129.18	1.82	-94.40	-89.31	-15,055.92	9,894.65	9,831.27	63.38	156.115		
10,700.00	6,840.00	6,914.62	6,913.49	131.70	1.82	-94.37	-89.31	-15,055.94	9,796.57	9,732.55	64.02	153.026		
10,800.00	6,840.00	6,913.66	6,912.54	134.24	1.82	-94.34	-89.31	-15,055.95	9,698.54	9,633.86	64.67	149.963		
10,900.00	6,840.00	6,912.70	6,911.58	136.79	1.82	-94.31	-89.31	-15,055.97	9,600.54	9,535.20	65.34	146.927		
11,000.00	6,840.00	11,000.00	6,904.19	139.34	2.24	-94.09	-89.30	-15,056.09	9,502.60	9,436.56	66.04	143.896		
11,100.00	6,840.00	11,100.00	6,902.75	141.90	2.25	-94.05	-89.30	-15,056.11	9,404.68	9,337.94	66.74	140.912		
11,200.00	6,840.00	6,920.61	6,919.49	144.46	1.82	-94.55	-89.33	-15,055.82	9,306.80	9,239.36	67.44	137.997		
11,300.00	6,840.00	6,918.34	6,917.21	147.03	1.82	-94.48	-89.32	-15,055.86	9,208.98	9,140.80	68.18	135.068		
11,400.00	6,840.00	6,916.08	6,914.96	149.60	1.82	-94.41	-89.32	-15,055.90	9,111.20	9,042.27	68.94	132.167		
11,500.00	6,840.00	6,913.85	6,912.73	152.18	1.82	-94.35	-89.32	-15,055.94	9,013.48	8,943.77	69.71	129.294		
11,600.00	6,840.00	6,911.64	6,910.52	154.77	1.82	-94.28	-89.32	-15,055.98	8,915.80	8,845.30	70.51	126.451		
11,700.00	6,840.00	6,909.45	6,908.33	157.36	1.82	-94.22	-89.31	-15,056.01	8,818.18	8,746.86	71.32	123.637		
11,800.00	6,840.00	6,907.28	6,906.16	159.95	1.82	-94.15	-89.31	-15,056.05	8,720.61	8,648.45	72.16	120.853		
11,900.00	6,840.00	6,905.14	6,904.01	162.55	1.82	-94.09	-89.31	-15,056.08	8,623.10	8,550.08	73.02	118.099		
12,000.00	6,840.00	6,903.01	6,901.89	165.16	1.82	-94.03	-89.31	-15,056.12	8,525.64	8,451.74	73.90	115.375		
12,100.00	6,840.00	6,900.90	6,899.78	167.76	1.82	-93.96	-89.31	-15,056.15	8,428.24	8,353.45	74.80	112.682		
12,200.00	6,840.00	6,898.82	6,897.69	170.37	1.82	-93.90	-89.31	-15,056.19	8,330.91	8,255.18	75.72	110.019		
12,300.00	6,840.00	6,896.75	6,895.63	172.99	1.82	-93.84	-89.31	-15,056.22	8,233.63	8,156.96	76.67	107.388		
12,400.00	6,840.00	6,894.70	6,893.58	175.60	1.82	-93.78	-89.31	-15,056.25	8,136.42	8,058.78	77.65	104.788		
12,500.00	6,840.00	6,892.67	6,891.55	178.23	1.82	-93.72	-89.31	-15,056.28	8,039.28	7,960.64	78.65	102.220		
12,600.00	6,840.00	6,890.66	6,889.54	180.85	1.82	-93.66	-89.31	-15,056.32	7,942.22	7,862.54	79.67	99.684		
12,700.00	6,840.00	6,888.67	6,887.55	183.47	1.82	-93.60	-89.31	-15,056.35	7,845.22	7,764.49	80.73	97.179		
12,800.00	6,840.00	6,886.70	6,885.58	186.10	1.82	-93.54	-89.31	-15,056.38	7,748.30	7,666.49	81.81	94.708		
12,900.00	6,840.00	6,884.74	6,883.62	188.74	1.82	-93.48	-89.31	-15,056.41	7,651.46	7,568.53	82.93	92.268		
13,000.00	6,840.00	6,882.80	6,881.69	191.37	1.82	-93.42	-89.31	-15,056.44	7,554.70	7,470.63	84.07	89.862		
13,100.00	6,840.00	6,880.88	6,879.77	194.01	1.82	-93.37	-89.31	-15,056.47	7,458.03	7,372.78	85.25	87.488		
13,200.00	6,840.00	6,878.98	6,877.86	196.65	1.82	-93.31	-89.31	-15,056.50	7,361.44	7,274.99	86.46	85.147		
13,300.00	6,840.00	6,877.10	6,875.98	199.29	1.82	-93.25	-89.31	-15,056.53	7,264.95	7,177.25	87.70	82.840		
13,400.00	6,840.00	6,875.23	6,874.11	201.93	1.82	-93.20	-89.31	-15,056.56	7,168.55	7,079.57	88.98	80.566		
13,500.00	6,840.00	6,873.38	6,872.26	204.58	1.82	-93.14	-89.31	-15,056.59	7,072.25	6,981.96	90.29	78.325		
13,600.00	6,840.00	6,871.54	6,870.42	207.22	1.82	-93.09	-89.31	-15,056.61	6,976.06	6,884.41	91.65	76.119		
13,700.00	6,840.00	6,869.72	6,868.60	209.87	1.82	-93.03	-89.32	-15,056.64	6,879.97	6,786.93	93.04	73.946		
13,800.00	6,840.00	6,867.92	6,866.80	212.52	1.82	-92.98	-89.32	-15,056.67	6,784.00	6,689.52	94.48	71.807		
13,900.00	6,840.00	6,866.13	6,865.01	215.18	1.82	-92.93	-89.32	-15,056.70	6,688.14	6,592.19	95.95	69.702		
14,000.00	6,840.00	6,864.36	6,863.24	217.83	1.82	-92.87	-89.32	-15,056.72	6,592.41	6,494.93	97.48	67.631		
14,100.00	6,840.00	6,862.60	6,861.48	220.49	1.82	-92.82	-89.32	-15,056.75	6,496.81	6,397.76	99.05	65.594		
14,200.00	6,840.00	6,860.86	6,859.74	223.15	1.82	-92.77	-89.33	-15,056.77	6,401.33	6,300.67	100.66	63.592		
14,300.00	6,840.00	6,859.13	6,858.01	225.81	1.82	-92.72	-89.33	-15,056.80	6,306.00	6,203.67	102.33	61.624		
14,400.00	6,840.00	6,857.42	6,856.30	228.47	1.82	-92.67	-89.33	-15,056.82	6,210.82	6,106.77	104.05	59.691		
14,500.00	6,840.00	6,855.72	6,854.60	231.13	1.82	-92.62	-89.33	-15,056.85	6,115.79	6,009.96	105.82	57.792		
14,600.00	6,840.00	6,854.04	6,852.92	233.79	1.82	-92.57	-89.33	-15,056.87	6,020.92	5,913.26	107.66	55.927		
14,700.00	6,840.00	6,852.37	6,851.25	236.46	1.82	-92.52	-89.34	-15,056.90	5,926.21	5,816.67	109.55	54.097		
14,800.00	6,840.00	6,850.71	6,849.60	239.12	1.82	-92.47	-89.34	-15,056.92	5,831.69	5,720.19	111.50	52.302		
14,900.00	6,840.00	6,849.07	6,847.96	241.79	1.82	-92.42	-89.34	-15,056.95	5,737.35	5,623.83	113.52	50.542		
15,000.00	6,840.00	6,847.44	6,846.33	244.46	1.82	-92.37	-89.34	-15,056.97	5,643.20	5,527.60	115.60	48.816		
15,100.00	6,840.00	6,845.83	6,844.71	247.13	1.82	-92.32	-89.35	-15,056.99	5,549.26	5,431.50	117.76	47.125		
15,200.00	6,840.00	6,844.23	6,843.11	249.80	1.82	-92.27	-89.35	-15,057.01	5,455.53	5,335.54	119.99	45.468		
15,300.00	6,840.00	6,842.64	6,841.53	252.47	1.82	-92.23	-89.35	-15,057.04	5,362.03	5,239.74	122.29	43.846		
15,400.00	6,840.00	6,841.07	6,839.95	255.15	1.82	-92.18	-89.36	-15,057.06	5,268.77	5,144.09	124.68	42.259		
15,500.00	6,840.00	6,839.51	6,838.39	257.82	1.82	-92.13	-89.36	-15,057.08	5,175.76	5,048.61	127.15	40.706		
15,600.00	6,840.00	6,837.96	6,836.84	260.50	1.82	-92.09	-89.36	-15,057.10	5,083.01	4,953.30	129.71	39.188		

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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,700.00	6,840.00	6,836.42	6,835.31	263.17	1.82	-92.04	-89.37	-15,057.12	4,990.54	4,858.18	132.36	37.705		
15,800.00	6,840.00	6,834.90	6,833.78	265.85	1.82	-92.00	-89.37	-15,057.15	4,898.37	4,763.27	135.10	36.256		
15,900.00	6,840.00	6,833.38	6,832.27	268.53	1.82	-91.95	-89.37	-15,057.17	4,806.51	4,668.56	137.95	34.842		
16,000.00	6,840.00	6,831.88	6,830.77	271.20	1.82	-91.91	-89.38	-15,057.19	4,714.98	4,574.08	140.91	33.462		
16,100.00	6,840.00	6,830.40	6,829.28	273.88	1.82	-91.86	-89.38	-15,057.21	4,623.81	4,479.84	143.97	32.116		
16,200.00	6,840.00	6,828.92	6,827.81	276.56	1.82	-91.82	-89.38	-15,057.23	4,533.00	4,385.85	147.15	30.805		
16,300.00	6,840.00	6,827.46	6,826.34	279.25	1.82	-91.77	-89.39	-15,057.25	4,442.59	4,292.14	150.46	29.528		
16,400.00	6,840.00	6,826.00	6,824.89	281.93	1.82	-91.73	-89.39	-15,057.27	4,352.60	4,198.71	153.89	28.285		
16,500.00	6,840.00	6,824.56	6,823.45	284.61	1.82	-91.69	-89.39	-15,057.29	4,263.05	4,105.60	157.45	27.076		
16,600.00	6,840.00	6,823.13	6,822.02	287.29	1.82	-91.64	-89.40	-15,057.31	4,173.98	4,012.83	161.15	25.901		
16,700.00	6,840.00	6,821.71	6,820.60	289.98	1.82	-91.60	-89.40	-15,057.32	4,085.41	3,920.41	165.00	24.759		
16,800.00	6,840.00	6,820.30	6,819.19	292.66	1.82	-91.56	-89.41	-15,057.34	3,997.38	3,828.38	169.01	23.652		
16,900.00	6,840.00	6,818.91	6,817.80	295.35	1.82	-91.52	-89.41	-15,057.36	3,909.93	3,736.76	173.17	22.578		
17,000.00	6,840.00	6,817.52	6,816.41	298.03	1.82	-91.48	-89.41	-15,057.38	3,823.09	3,645.59	177.51	21.538		
17,100.00	6,840.00	6,816.15	6,815.03	300.72	1.82	-91.44	-89.42	-15,057.40	3,736.91	3,554.90	182.02	20.531		
17,200.00	6,840.00	6,815.68	6,814.57	303.41	1.82	-91.42	-89.43	-15,057.40	3,651.44	3,464.73	186.71	19.557		
17,300.00	6,840.00	6,814.15	6,813.04	306.09	1.82	-91.38	-89.43	-15,057.42	3,566.71	3,375.12	191.59	18.616		
17,400.00	6,840.00	6,812.65	6,811.54	308.78	1.82	-91.33	-89.43	-15,057.44	3,482.80	3,286.13	196.67	17.709		
17,500.00	6,840.00	6,811.18	6,810.07	311.47	1.82	-91.29	-89.44	-15,057.46	3,399.76	3,197.80	201.96	16.834		
17,600.00	6,840.00	6,809.74	6,808.63	314.16	1.82	-91.24	-89.44	-15,057.48	3,317.66	3,110.20	207.46	15.992		
17,700.00	6,840.00	6,808.33	6,807.22	316.85	1.82	-91.20	-89.45	-15,057.50	3,236.56	3,023.38	213.18	15.182		
17,800.00	6,840.00	6,806.94	6,805.83	319.54	1.82	-91.16	-89.45	-15,057.52	3,156.54	2,937.41	219.13	14.405		
17,900.00	6,840.00	6,805.59	6,804.48	322.23	1.82	-91.12	-89.45	-15,057.53	3,077.69	2,852.39	225.30	13.660		
18,000.00	6,840.00	6,804.26	6,803.15	324.92	1.82	-91.08	-89.46	-15,057.55	3,000.11	2,768.39	231.72	12.947		
18,100.00	6,840.00	6,802.95	6,801.84	327.62	1.82	-91.04	-89.46	-15,057.57	2,923.88	2,685.51	238.37	12.266		
18,200.00	6,840.00	6,801.68	6,800.57	330.31	1.82	-91.00	-89.47	-15,057.59	2,849.13	2,603.86	245.26	11.617		
18,300.00	6,840.00	6,800.42	6,799.31	333.00	1.82	-90.97	-89.47	-15,057.60	2,775.96	2,523.57	252.39	10.999		
18,400.00	6,840.00	6,799.19	6,798.07	335.70	1.82	-90.93	-89.48	-15,057.62	2,704.51	2,444.77	259.74	10.412		
18,500.00	6,840.00	6,797.98	6,796.87	338.39	1.82	-90.89	-89.48	-15,057.63	2,634.92	2,367.60	267.32	9.857		
18,600.00	6,840.00	6,796.79	6,795.68	341.08	1.82	-90.86	-89.48	-15,057.65	2,567.34	2,292.24	275.10	9.332		
18,700.00	6,840.00	6,795.62	6,794.51	343.78	1.82	-90.82	-89.49	-15,057.66	2,501.93	2,218.86	283.07	8.839		
18,800.00	6,840.00	6,794.48	6,793.37	346.47	1.82	-90.79	-89.49	-15,057.67	2,438.87	2,147.67	291.20	8.375		
18,900.00	6,840.00	6,793.35	6,792.24	349.17	1.82	-90.75	-89.50	-15,057.69	2,378.34	2,078.89	299.45	7.942		
19,000.00	6,840.00	6,792.25	6,791.14	351.86	1.82	-90.72	-89.50	-15,057.70	2,320.54	2,012.77	307.78	7.540		
19,100.00	6,840.00	6,791.16	6,790.05	354.56	1.82	-90.69	-89.51	-15,057.71	2,265.69	1,949.55	316.13	7.167		
19,200.00	6,840.00	6,790.10	6,788.99	357.26	1.82	-90.66	-89.51	-15,057.73	2,213.99	1,889.53	324.45	6.824		
19,300.00	6,840.00	6,789.05	6,787.94	359.95	1.82	-90.63	-89.52	-15,057.74	2,165.67	1,833.01	332.66	6.510		
19,400.00	6,840.00	6,788.02	6,786.91	362.65	1.82	-90.60	-89.52	-15,057.75	2,120.98	1,780.30	340.68	6.226		
19,500.00	6,840.00	6,787.01	6,785.90	365.35	1.82	-90.56	-89.53	-15,057.76	2,080.13	1,731.72	348.41	5.970		
19,600.00	6,840.00	6,786.01	6,784.90	368.05	1.82	-90.54	-89.53	-15,057.77	2,043.37	1,687.61	355.76	5.744		
19,700.00	6,840.00	6,785.03	6,783.92	370.74	1.82	-90.51	-89.54	-15,057.78	2,010.91	1,648.30	362.61	5.546		
19,800.00	6,840.00	6,784.07	6,782.96	373.44	1.82	-90.48	-89.54	-15,057.79	1,982.96	1,614.10	368.86	5.376		
19,900.00	6,840.00	6,783.12	6,782.01	376.14	1.82	-90.45	-89.55	-15,057.80	1,959.73	1,585.32	374.41	5.234		
20,000.00	6,840.00	6,782.19	6,781.08	378.84	1.82	-90.42	-89.55	-15,057.82	1,941.37	1,562.23	379.14	5.120		
20,100.00	6,840.00	6,781.27	6,780.16	381.54	1.82	-90.39	-89.56	-15,057.82	1,928.04	1,545.04	382.99	5.034		
20,200.00	6,840.00	6,780.37	6,779.26	384.24	1.82	-90.37	-89.56	-15,057.83	1,919.82	1,533.94	385.88	4.975		
20,300.00	6,840.00	6,779.48	6,778.37	386.94	1.82	-90.34	-89.57	-15,057.84	1,916.79	1,529.04	387.75	4.943		
20,308.08	6,840.00	6,779.41	6,778.30	387.16	1.82	-90.34	-89.57	-15,057.84	1,916.78	1,528.92	387.86	4.942 CC, ES		
20,400.00	6,840.00	6,778.61	6,777.50	389.64	1.82	-90.31	-89.57	-15,057.85	1,918.98	1,530.39	388.59	4.938 SF		
20,500.00	6,840.00	6,777.75	6,776.64	392.34	1.82	-90.29	-89.58	-15,057.86	1,926.36	1,537.96	388.40	4.960		
20,600.00	6,840.00	6,776.90	6,775.79	395.04	1.82	-90.26	-89.59	-15,057.87	1,938.88	1,551.68	387.19	5.008		
20,609.76	6,840.00	6,776.82	6,775.71	395.31	1.82	-90.26	-89.59	-15,057.87	1,940.37	1,553.35	387.02	5.014		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
3,900.00	3,649.04	3,525.04	3,525.04	26.19	60.56	-49.09	-166.29	-10,862.31	9,983.62	9,901.62	82.00	121.756		
4,000.00	3,739.63	3,615.63	3,615.63	27.05	62.14	-49.27	-166.29	-10,862.31	9,954.40	9,870.11	84.29	118.096		
4,100.00	3,830.22	3,706.22	3,706.22	27.90	63.73	-49.44	-166.29	-10,862.31	9,925.27	9,838.68	86.59	114.626		
4,200.00	3,920.81	3,803.91	3,796.81	28.76	65.42	-49.62	-166.29	-10,862.31	9,896.24	9,807.24	89.00	111.194		
4,300.00	4,011.41	3,887.41	3,887.41	29.62	66.89	-49.80	-166.29	-10,862.31	9,867.30	9,776.11	91.19	108.204		
4,400.00	4,102.00	3,978.00	3,978.00	30.48	68.47	-49.97	-166.29	-10,862.31	9,838.47	9,744.97	93.50	105.226		
4,500.00	4,192.59	4,068.59	4,068.59	31.34	70.05	-50.15	-166.29	-10,862.31	9,809.73	9,713.92	95.81	102.389		
4,600.00	4,283.18	4,159.18	4,159.18	32.20	71.63	-50.33	-166.29	-10,862.31	9,781.09	9,682.96	98.12	99.684		
4,700.00	4,373.78	4,249.78	4,249.78	33.06	73.21	-50.51	-166.29	-10,862.31	9,752.54	9,652.11	100.44	97.101		
4,800.00	4,464.37	4,340.37	4,340.37	33.92	74.79	-50.70	-166.29	-10,862.31	9,724.10	9,621.35	102.76	94.633		
4,900.00	4,554.96	4,430.96	4,430.96	34.78	76.37	-50.88	-166.29	-10,862.31	9,695.77	9,590.69	105.08	92.272		
5,000.00	4,645.55	4,521.55	4,521.55	35.64	77.96	-51.06	-166.29	-10,862.31	9,667.53	9,560.13	107.40	90.012		
5,100.00	4,736.14	4,612.14	4,612.14	36.51	79.54	-51.25	-166.29	-10,862.31	9,639.40	9,529.66	109.73	87.846		
5,200.00	4,826.74	4,702.74	4,702.74	37.37	81.12	-51.43	-166.29	-10,862.31	9,611.37	9,499.30	112.06	85.768		
5,300.00	4,917.33	4,806.67	4,793.33	38.23	82.93	-51.62	-166.29	-10,862.31	9,583.44	9,468.81	114.63	83.604		
5,400.00	5,007.92	4,883.92	4,883.92	39.09	84.28	-51.81	-166.29	-10,862.31	9,555.62	9,438.89	116.73	81.858		
5,500.00	5,098.51	4,974.51	4,974.51	39.95	85.86	-52.00	-166.29	-10,862.31	9,527.91	9,408.84	119.07	80.017		
5,600.00	5,189.11	5,065.11	5,065.11	40.81	87.44	-52.19	-166.29	-10,862.31	9,500.31	9,378.89	121.42	78.245		
5,700.00	5,279.70	5,155.70	5,155.70	41.68	89.02	-52.38	-166.29	-10,862.31	9,472.82	9,349.05	123.76	76.540		
5,800.00	5,370.29	5,246.29	5,246.29	42.54	90.61	-52.57	-166.29	-10,862.31	9,445.43	9,319.32	126.11	74.897		
5,900.00	5,460.88	5,336.88	5,336.88	43.40	92.19	-52.76	-166.29	-10,862.31	9,418.16	9,289.69	128.47	73.313		
6,000.00	5,551.47	5,427.47	5,427.47	44.26	93.77	-52.95	-166.29	-10,862.31	9,391.00	9,260.17	130.82	71.785		
6,100.00	5,642.07	5,518.07	5,518.07	45.13	95.35	-53.15	-166.29	-10,862.31	9,363.95	9,230.77	133.18	70.311		
6,200.00	5,732.66	5,608.66	5,608.66	45.99	96.93	-53.34	-166.29	-10,862.31	9,337.01	9,201.47	135.54	68.887		
6,300.00	5,823.25	5,700.75	5,699.25	46.85	98.54	-53.54	-166.29	-10,862.31	9,310.19	9,172.26	137.93	67.499		
6,400.00	5,913.84	5,789.84	5,789.84	47.72	100.09	-53.74	-166.29	-10,862.31	9,283.48	9,143.21	140.27	66.181		
6,500.00	6,004.44	5,880.44	5,880.44	48.58	101.67	-53.94	-166.29	-10,862.31	9,256.90	9,114.25	142.64	64.895		
6,600.00	6,095.03	5,971.03	5,971.03	49.44	103.25	-54.14	-166.29	-10,862.31	9,230.43	9,085.41	145.02	63.650		
6,700.00	6,185.62	6,061.62	6,061.62	50.30	104.84	-54.34	-166.29	-10,862.31	9,204.07	9,056.68	147.39	62.445		
6,800.00	6,276.21	6,152.21	6,152.21	51.17	106.42	-54.54	-166.29	-10,862.31	9,177.84	9,028.07	149.77	61.278		
6,900.00	6,366.80	6,242.80	6,242.80	52.03	108.00	-54.74	-166.29	-10,862.31	9,151.73	8,999.57	152.16	60.147		
7,000.00	6,457.40	6,333.40	6,333.40	52.89	109.58	-54.94	-166.29	-10,862.31	9,125.74	8,971.20	154.54	59.050		
7,100.00	6,548.00	6,421.60	6,421.60	53.85	111.12	-45.74	-166.29	-10,862.31	9,093.59	8,936.67	156.92	57.949		
7,200.00	6,626.13	6,502.13	6,502.13	55.05	112.52	-40.43	-166.29	-10,862.31	9,046.11	8,886.88	159.23	56.810		
7,300.00	6,696.49	6,572.49	6,572.49	56.46	113.75	-38.62	-166.29	-10,862.31	8,984.63	8,823.24	161.39	55.671		
7,400.00	6,754.56	6,630.56	6,630.56	58.05	114.77	-39.72	-166.29	-10,862.31	8,911.02	8,747.71	163.31	54.565		
7,500.00	6,798.57	6,674.57	6,674.57	59.78	115.53	-44.42	-166.29	-10,862.31	8,827.49	8,662.56	164.93	53.522		
7,600.00	6,827.18	6,703.18	6,703.18	61.58	116.03	-55.55	-166.29	-10,862.31	8,736.56	8,570.37	166.19	52.570		
7,700.00	6,839.51	6,715.51	6,715.51	63.39	116.25	-80.75	-166.29	-10,862.31	8,640.96	8,473.92	167.04	51.729		
7,800.00	6,840.00	6,716.00	6,716.00	65.19	116.26	-90.00	-166.29	-10,862.31	8,543.68	8,376.09	167.59	50.979		
7,900.00	6,840.00	6,716.00	6,716.00	67.04	116.26	-90.00	-166.29	-10,862.31	8,446.42	8,278.28	168.15	50.233		
8,000.00	6,840.00	6,716.00	6,716.00	68.95	116.26	-90.00	-166.29	-10,862.31	8,349.23	8,180.51	168.72	49.487		
8,100.00	6,840.00	6,716.00	6,716.00	70.91	116.26	-90.00	-166.29	-10,862.31	8,252.10	8,082.80	169.30	48.741		
8,200.00	6,840.00	6,716.00	6,716.00	72.91	116.26	-90.00	-166.29	-10,862.31	8,155.04	7,985.13	169.91	47.996		
8,300.00	6,840.00	6,716.00	6,716.00	74.96	116.26	-90.00	-166.29	-10,862.31	8,058.06	7,887.52	170.54	47.251		
8,400.00	6,840.00	6,716.00	6,716.00	77.05	116.26	-90.00	-166.29	-10,862.31	7,961.14	7,789.96	171.18	46.506		
8,500.00	6,840.00	6,716.00	6,716.00	79.18	116.26	-90.00	-166.29	-10,862.31	7,864.31	7,692.46	171.85	45.762		
8,600.00	6,840.00	6,716.00	6,716.00	81.34	116.26	-90.00	-166.29	-10,862.31	7,767.55	7,595.02	172.54	45.019		
8,700.00	6,840.00	6,716.00	6,716.00	83.54	116.26	-90.00	-166.29	-10,862.31	7,670.88	7,497.63	173.25	44.276		
8,800.00	6,840.00	6,716.00	6,716.00	85.76	116.26	-90.00	-166.29	-10,862.31	7,574.30	7,400.32	173.98	43.535		
8,900.00	6,840.00	6,716.00	6,716.00	88.02	116.26	-90.00	-166.29	-10,862.31	7,477.80	7,303.07	174.74	42.794		
9,000.00	6,840.00	6,716.00	6,716.00	90.30	116.26	-90.00	-166.29	-10,862.31	7,381.40	7,205.88	175.52	42.054		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
9,100.00	6,840.00	6,716.00	6,716.00	92.60	116.26	-90.00	-166.29	-10,862.31	7,285.10	7,108.77	176.33	41.316		
9,200.00	6,840.00	6,716.00	6,716.00	94.93	116.26	-90.00	-166.29	-10,862.31	7,188.90	7,011.74	177.16	40.579		
9,300.00	6,840.00	6,716.00	6,716.00	97.28	116.26	-90.00	-166.29	-10,862.31	7,092.80	6,914.78	178.02	39.843		
9,400.00	6,840.00	6,716.00	6,716.00	99.65	116.26	-90.00	-166.29	-10,862.31	6,996.81	6,817.90	178.91	39.108		
9,500.00	6,840.00	6,716.00	6,716.00	102.03	116.26	-90.00	-166.29	-10,862.31	6,900.93	6,721.11	179.83	38.376		
9,600.00	6,840.00	6,716.00	6,716.00	104.43	116.26	-90.00	-166.29	-10,862.31	6,805.18	6,624.40	180.77	37.644		
9,700.00	6,840.00	6,716.00	6,716.00	106.85	116.26	-90.00	-166.29	-10,862.31	6,709.54	6,527.79	181.75	36.915		
9,800.00	6,840.00	6,716.00	6,716.00	109.29	116.26	-90.00	-166.29	-10,862.31	6,614.04	6,431.27	182.77	36.188		
9,900.00	6,840.00	6,716.00	6,716.00	111.73	116.26	-90.00	-166.29	-10,862.31	6,518.67	6,334.86	183.82	35.463		
10,000.00	6,840.00	6,716.00	6,716.00	114.19	116.26	-90.00	-166.29	-10,862.31	6,423.44	6,238.54	184.90	34.740		
10,100.00	6,840.00	6,716.00	6,716.00	116.66	116.26	-90.00	-166.29	-10,862.31	6,328.36	6,142.34	186.02	34.020		
10,200.00	6,840.00	6,716.00	6,716.00	119.15	116.26	-90.00	-166.29	-10,862.31	6,233.44	6,046.26	187.18	33.302		
10,300.00	6,840.00	6,716.00	6,716.00	121.64	116.26	-90.00	-166.29	-10,862.31	6,138.67	5,950.29	188.38	32.587		
10,400.00	6,840.00	6,716.00	6,716.00	124.14	116.26	-90.00	-166.29	-10,862.31	6,044.07	5,854.46	189.62	31.875		
10,500.00	6,840.00	6,716.00	6,716.00	126.65	116.26	-90.00	-166.29	-10,862.31	5,949.65	5,758.75	190.90	31.166		
10,600.00	6,840.00	6,716.00	6,716.00	129.18	116.26	-90.00	-166.29	-10,862.31	5,855.42	5,663.19	192.23	30.460		
10,700.00	6,840.00	6,716.00	6,716.00	131.70	116.26	-90.00	-166.29	-10,862.31	5,761.38	5,567.77	193.61	29.758		
10,800.00	6,840.00	6,716.00	6,716.00	134.24	116.26	-90.00	-166.29	-10,862.31	5,667.54	5,472.51	195.03	29.059		
10,900.00	6,840.00	6,716.00	6,716.00	136.79	116.26	-90.00	-166.29	-10,862.31	5,573.92	5,377.41	196.51	28.364		
11,000.00	6,840.00	6,716.00	6,716.00	139.34	116.26	-90.00	-166.29	-10,862.31	5,480.52	5,282.48	198.04	27.673		
11,100.00	6,840.00	6,716.00	6,716.00	141.90	116.26	-90.00	-166.29	-10,862.31	5,387.36	5,187.73	199.63	26.986		
11,200.00	6,840.00	6,716.00	6,716.00	144.46	116.26	-90.00	-166.29	-10,862.31	5,294.45	5,093.17	201.28	26.304		
11,300.00	6,840.00	6,716.00	6,716.00	147.03	116.26	-90.00	-166.29	-10,862.31	5,201.80	4,998.82	202.99	25.626		
11,400.00	6,840.00	6,716.00	6,716.00	149.60	116.26	-90.00	-166.29	-10,862.31	5,109.43	4,904.68	204.76	24.953		
11,500.00	6,840.00	6,716.00	6,716.00	152.18	116.26	-90.00	-166.29	-10,862.31	5,017.36	4,810.76	206.60	24.285		
11,600.00	6,840.00	6,716.00	6,716.00	154.77	116.26	-90.00	-166.29	-10,862.31	4,925.59	4,717.08	208.51	23.623		
11,700.00	6,840.00	6,716.00	6,716.00	157.36	116.26	-90.00	-166.29	-10,862.31	4,834.15	4,623.65	210.49	22.966		
11,800.00	6,840.00	6,716.00	6,716.00	159.95	116.26	-90.00	-166.29	-10,862.31	4,743.05	4,530.50	212.55	22.315		
11,900.00	6,840.00	6,716.00	6,716.00	162.55	116.26	-90.00	-166.29	-10,862.31	4,652.32	4,437.63	214.69	21.670		
12,000.00	6,840.00	6,716.00	6,716.00	165.16	116.26	-90.00	-166.29	-10,862.31	4,561.98	4,345.06	216.92	21.031		
12,100.00	6,840.00	6,716.00	6,716.00	167.76	116.26	-90.00	-166.29	-10,862.31	4,472.04	4,252.81	219.23	20.399		
12,200.00	6,840.00	6,716.00	6,716.00	170.37	116.26	-90.00	-166.29	-10,862.31	4,382.55	4,160.91	221.64	19.773		
12,300.00	6,840.00	6,716.00	6,716.00	172.99	116.26	-90.00	-166.29	-10,862.31	4,293.52	4,069.38	224.14	19.155		
12,400.00	6,840.00	6,716.00	6,716.00	175.60	116.26	-90.00	-166.29	-10,862.31	4,204.98	3,978.23	226.74	18.545		
12,500.00	6,840.00	6,716.00	6,716.00	178.23	116.26	-90.00	-166.29	-10,862.31	4,116.96	3,887.51	229.45	17.943		
12,600.00	6,840.00	6,716.00	6,716.00	180.85	116.26	-90.00	-166.29	-10,862.31	4,029.51	3,797.24	232.27	17.348		
12,700.00	6,840.00	6,716.00	6,716.00	183.47	116.26	-90.00	-166.29	-10,862.31	3,942.65	3,707.44	235.21	16.762		
12,800.00	6,840.00	6,716.00	6,716.00	186.10	116.26	-90.00	-166.29	-10,862.31	3,856.43	3,618.16	238.26	16.186		
12,900.00	6,840.00	6,716.00	6,716.00	188.74	116.26	-90.00	-166.29	-10,862.31	3,770.89	3,529.44	241.45	15.618		
13,000.00	6,840.00	6,716.00	6,716.00	191.37	116.26	-90.00	-166.29	-10,862.31	3,686.07	3,441.31	244.76	15.060		
13,100.00	6,840.00	6,716.00	6,716.00	194.01	116.26	-90.00	-166.29	-10,862.31	3,602.04	3,353.83	248.21	14.512		
13,200.00	6,840.00	6,716.00	6,716.00	196.65	116.26	-90.00	-166.29	-10,862.31	3,518.84	3,267.04	251.80	13.975		
13,300.00	6,840.00	6,716.00	6,716.00	199.29	116.26	-90.00	-166.29	-10,862.31	3,436.54	3,181.00	255.54	13.448		
13,400.00	6,840.00	6,716.00	6,716.00	201.93	116.26	-90.00	-166.29	-10,862.31	3,355.20	3,095.77	259.43	12.933		
13,500.00	6,840.00	6,716.00	6,716.00	204.58	116.26	-90.00	-166.29	-10,862.31	3,274.89	3,011.41	263.48	12.430		
13,600.00	6,840.00	6,716.00	6,716.00	207.22	116.26	-90.00	-166.29	-10,862.31	3,195.69	2,928.01	267.68	11.938		
13,700.00	6,840.00	6,716.00	6,716.00	209.87	116.26	-90.00	-166.29	-10,862.31	3,117.69	2,845.63	272.06	11.460		
13,800.00	6,840.00	6,716.00	6,716.00	212.52	116.26	-90.00	-166.29	-10,862.31	3,040.98	2,764.38	276.60	10.994		
13,900.00	6,840.00	6,716.00	6,716.00	215.18	116.26	-90.00	-166.29	-10,862.31	2,965.65	2,684.35	281.30	10.543		
14,000.00	6,840.00	6,716.00	6,716.00	217.83	116.26	-90.00	-166.29	-10,862.31	2,891.82	2,605.65	286.18	10.105		
14,100.00	6,840.00	6,716.00	6,716.00	220.49	116.26	-90.00	-166.29	-10,862.31	2,819.61	2,528.39	291.22	9.682		
14,200.00	6,840.00	6,716.00	6,716.00	223.15	116.26	-90.00	-166.29	-10,862.31	2,749.14	2,452.71	296.42	9.274		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
14,300.00	6,840.00	6,716.00	6,716.00	225.81	116.26	-90.00	-166.29	-10,862.31	2,680.54	2,378.76	301.78	8.882		
14,400.00	6,840.00	6,716.00	6,716.00	228.47	116.26	-90.00	-166.29	-10,862.31	2,613.97	2,306.69	307.29	8.507		
14,500.00	6,840.00	6,716.00	6,716.00	231.13	116.26	-90.00	-166.29	-10,862.31	2,549.59	2,236.67	312.92	8.148		
14,600.00	6,840.00	6,716.00	6,716.00	233.79	116.26	-90.00	-166.29	-10,862.31	2,487.56	2,168.89	318.67	7.806		
14,700.00	6,840.00	6,716.00	6,716.00	236.46	116.26	-90.00	-166.29	-10,862.31	2,428.06	2,103.56	324.50	7.482		
14,800.00	6,840.00	6,716.00	6,716.00	239.12	116.26	-90.00	-166.29	-10,862.31	2,371.30	2,040.90	330.40	7.177		
14,900.00	6,840.00	6,716.00	6,716.00	241.79	116.26	-90.00	-166.29	-10,862.31	2,317.46	1,981.14	336.31	6.891		
15,000.00	6,840.00	6,716.00	6,716.00	244.46	116.26	-90.00	-166.29	-10,862.31	2,266.75	1,924.54	342.21	6.624		
15,100.00	6,840.00	6,716.00	6,716.00	247.13	116.26	-90.00	-166.29	-10,862.31	2,219.39	1,871.35	348.05	6.377		
15,200.00	6,840.00	6,716.00	6,716.00	249.80	116.26	-90.00	-166.29	-10,862.31	2,175.60	1,821.85	353.76	6.150		
15,300.00	6,840.00	6,716.00	6,716.00	252.47	116.26	-90.00	-166.29	-10,862.31	2,135.60	1,776.32	359.28	5.944		
15,400.00	6,840.00	6,716.00	6,716.00	255.15	116.26	-90.00	-166.29	-10,862.31	2,099.61	1,735.05	364.56	5.759		
15,500.00	6,840.00	6,716.00	6,716.00	257.82	116.26	-90.00	-166.29	-10,862.31	2,067.83	1,698.31	369.52	5.596		
15,600.00	6,840.00	6,716.00	6,716.00	260.50	116.26	-90.00	-166.29	-10,862.31	2,040.45	1,666.37	374.08	5.455		
15,700.00	6,840.00	6,716.00	6,716.00	263.17	116.26	-90.00	-166.29	-10,862.31	2,017.67	1,639.48	378.19	5.335		
15,800.00	6,840.00	6,716.00	6,716.00	265.85	116.26	-90.00	-166.29	-10,862.31	1,999.64	1,617.86	381.78	5.238		
15,900.00	6,840.00	6,716.00	6,716.00	268.53	116.26	-90.00	-166.29	-10,862.31	1,986.48	1,601.70	384.78	5.163		
16,000.00	6,840.00	6,716.00	6,716.00	271.20	116.26	-90.00	-166.29	-10,862.31	1,978.30	1,591.14	387.16	5.110		
16,100.00	6,840.00	6,716.00	6,716.00	273.88	116.26	-90.00	-166.29	-10,862.31	1,975.15	1,586.28	388.87	5.079		
16,112.25	6,840.00	6,716.00	6,716.00	274.21	116.26	-90.00	-166.29	-10,862.31	1,975.11	1,586.08	389.03	5.077 CC, ES		
16,200.00	6,840.00	6,716.00	6,716.00	276.56	116.26	-90.00	-166.29	-10,862.31	1,977.06	1,587.16	389.90	5.071 SF		
16,300.00	6,840.00	6,716.00	6,716.00	279.25	116.26	-90.00	-166.29	-10,862.31	1,984.01	1,593.77	390.24	5.084		
16,400.00	6,840.00	6,716.00	6,716.00	281.93	116.26	-90.00	-166.29	-10,862.31	1,995.96	1,606.05	389.91	5.119		
16,500.00	6,840.00	6,716.00	6,716.00	284.61	116.26	-90.00	-166.29	-10,862.31	2,012.81	1,623.88	388.94	5.175		
16,600.00	6,840.00	6,716.00	6,716.00	287.29	116.26	-90.00	-166.29	-10,862.31	2,034.44	1,647.10	387.35	5.252		
16,700.00	6,840.00	6,716.00	6,716.00	289.98	116.26	-90.00	-166.29	-10,862.31	2,060.71	1,675.51	385.20	5.350		
16,800.00	6,840.00	6,716.00	6,716.00	292.66	116.26	-90.00	-166.29	-10,862.31	2,091.43	1,708.87	382.55	5.467		
16,900.00	6,840.00	6,716.00	6,716.00	295.35	116.26	-90.00	-166.29	-10,862.31	2,126.41	1,746.94	379.47	5.604		
17,000.00	6,840.00	6,716.00	6,716.00	298.03	116.26	-90.00	-166.29	-10,862.31	2,165.45	1,789.44	376.00	5.759		
17,100.00	6,840.00	6,716.00	6,716.00	300.72	116.26	-90.00	-166.29	-10,862.31	2,208.33	1,836.10	372.23	5.933		
17,200.00	6,840.00	6,716.00	6,716.00	303.41	116.26	-90.00	-166.29	-10,862.31	2,254.83	1,886.63	368.21	6.124		
17,300.00	6,840.00	6,716.00	6,716.00	306.09	116.26	-90.00	-166.29	-10,862.31	2,304.74	1,940.75	363.99	6.332		
17,400.00	6,840.00	6,716.00	6,716.00	308.78	116.26	-90.00	-166.29	-10,862.31	2,357.83	1,998.19	359.64	6.556		
17,500.00	6,840.00	6,716.00	6,716.00	311.47	116.26	-90.00	-166.29	-10,862.31	2,413.90	2,058.71	355.19	6.796		
17,600.00	6,840.00	6,716.00	6,716.00	314.16	116.26	-90.00	-166.29	-10,862.31	2,472.74	2,122.05	350.69	7.051		
17,700.00	6,840.00	6,716.00	6,716.00	316.85	116.26	-90.00	-166.29	-10,862.31	2,534.17	2,187.99	346.18	7.320		
17,800.00	6,840.00	6,716.00	6,716.00	319.54	116.26	-90.00	-166.29	-10,862.31	2,597.99	2,256.31	341.68	7.604		
17,900.00	6,840.00	6,716.00	6,716.00	322.23	116.26	-90.00	-166.29	-10,862.31	2,664.04	2,326.81	337.23	7.900		
18,000.00	6,840.00	6,716.00	6,716.00	324.92	116.26	-90.00	-166.29	-10,862.31	2,732.15	2,399.32	332.83	8.209		
18,100.00	6,840.00	6,716.00	6,716.00	327.62	116.26	-90.00	-166.29	-10,862.31	2,802.18	2,473.66	328.52	8.530		
18,200.00	6,840.00	6,716.00	6,716.00	330.31	116.26	-90.00	-166.29	-10,862.31	2,873.98	2,549.69	324.29	8.862		
18,300.00	6,840.00	6,716.00	6,716.00	333.00	116.26	-90.00	-166.29	-10,862.31	2,947.43	2,627.26	320.17	9.206		
18,400.00	6,840.00	6,716.00	6,716.00	335.70	116.26	-90.00	-166.29	-10,862.31	3,022.40	2,706.24	316.15	9.560		
18,500.00	6,840.00	6,716.00	6,716.00	338.39	116.26	-90.00	-166.29	-10,862.31	3,098.78	2,786.53	312.25	9.924		
18,600.00	6,840.00	6,716.00	6,716.00	341.08	116.26	-90.00	-166.29	-10,862.31	3,176.47	2,868.01	308.46	10.298		
18,700.00	6,840.00	6,716.00	6,716.00	343.78	116.26	-90.00	-166.29	-10,862.31	3,255.38	2,950.59	304.80	10.680		
18,800.00	6,840.00	6,716.00	6,716.00	346.47	116.26	-90.00	-166.29	-10,862.31	3,335.43	3,034.18	301.25	11.072		
18,900.00	6,840.00	6,716.00	6,716.00	349.17	116.26	-90.00	-166.29	-10,862.31	3,416.52	3,118.70	297.82	11.472		
19,000.00	6,840.00	6,716.00	6,716.00	351.86	116.26	-90.00	-166.29	-10,862.31	3,498.60	3,204.09	294.50	11.880		
19,100.00	6,840.00	6,716.00	6,716.00	354.56	116.26	-90.00	-166.29	-10,862.31	3,581.58	3,290.28	291.30	12.295		
19,200.00	6,840.00	6,716.00	6,716.00	357.26	116.26	-90.00	-166.29	-10,862.31	3,665.42	3,377.20	288.22	12.718		
19,300.00	6,840.00	6,716.00	6,716.00	359.95	116.26	-90.00	-166.29	-10,862.31	3,750.04	3,464.81	285.24	13.147		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
19,400.00	6,840.00	6,716.00	6,716.00	362.65	116.26	-90.00	-166.29	-10,862.31	3,835.41	3,553.04	282.37	13.583	
19,500.00	6,840.00	6,716.00	6,716.00	365.35	116.26	-90.00	-166.29	-10,862.31	3,921.47	3,641.87	279.60	14.025	
19,600.00	6,840.00	6,716.00	6,716.00	368.05	116.26	-90.00	-166.29	-10,862.31	4,008.18	3,731.25	276.93	14.474	
19,700.00	6,840.00	6,716.00	6,716.00	370.74	116.26	-90.00	-166.29	-10,862.31	4,095.49	3,821.14	274.35	14.928	
19,800.00	6,840.00	6,716.00	6,716.00	373.44	116.26	-90.00	-166.29	-10,862.31	4,183.37	3,911.50	271.87	15.387	
19,900.00	6,840.00	6,716.00	6,716.00	376.14	116.26	-90.00	-166.29	-10,862.31	4,271.78	4,002.30	269.48	15.852	
20,000.00	6,840.00	6,716.00	6,716.00	378.84	116.26	-90.00	-166.29	-10,862.31	4,360.70	4,093.52	267.17	16.322	
20,100.00	6,840.00	6,716.00	6,716.00	381.54	116.26	-90.00	-166.29	-10,862.31	4,450.08	4,185.13	264.95	16.796	
20,200.00	6,840.00	6,716.00	6,716.00	384.24	116.26	-90.00	-166.29	-10,862.31	4,539.91	4,277.11	262.80	17.275	
20,300.00	6,840.00	6,716.00	6,716.00	386.94	116.26	-90.00	-166.29	-10,862.31	4,630.15	4,369.42	260.73	17.758	
20,400.00	6,840.00	6,716.00	6,716.00	389.64	116.26	-90.00	-166.29	-10,862.31	4,720.79	4,462.06	258.74	18.246	
20,500.00	6,840.00	6,716.00	6,716.00	392.34	116.26	-90.00	-166.29	-10,862.31	4,811.80	4,554.99	256.81	18.737	
20,600.00	6,840.00	6,716.00	6,716.00	395.04	116.26	-90.00	-166.29	-10,862.31	4,903.16	4,648.21	254.95	19.232	
20,609.76	6,840.00	6,716.00	6,716.00	395.31	116.26	-90.00	-166.29	-10,862.31	4,912.09	4,657.32	254.77	19.280	

Anticollision Report

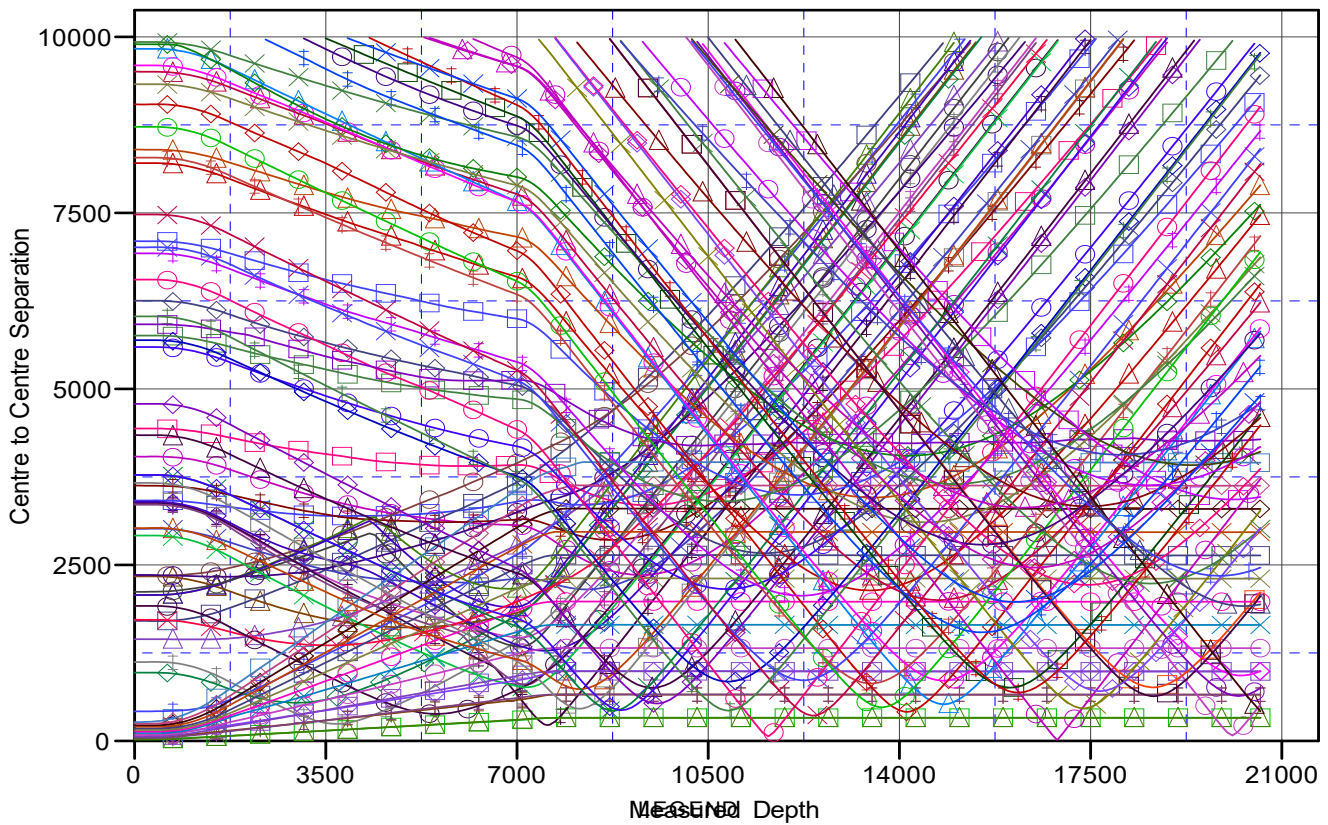
Company: CRESTONE PEAK RESOURCES
Project: WELD COUNTY
Reference Site: SEC 25-T4N-R65W
Site Error: 0.00 usft
Reference Well: SHELTON 25W-25-04
Well Error: 0.00 usft
Reference Wellbore: OWB
Reference Design: PROPOSAL 1

Local Co-ordinate Reference: Well SHELTON 25W-25-04
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-25-04
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.58°

Ladder Plot



ABND VERT BEEBEE DRAW1 GYRO, OMB, GYRO V0	SHELTON 25W-25-10, OMB, PROPOSAL 1 V0	EXIST VERT SHELTON R26-7, OMB, GYRO V0
ABND VERT BEEBEE DRAW2 GYRO, OMB, GYRO V0	SHELTON 25W-25-11, OMB, PROPOSAL 1 V0	SI VERT DOPPER 1, OMB, Design#1 V0
ABND VERT BEEBEE DRAW3 GYRO, OMB, GYRO V0	SHELTON 25W-25-12, OMB, PROPOSAL 1 V0	SI VERT SHELTON R G 26-2, OMB, Design#1 V0
ABND VERT BEEBEE DRAW4 GYRO, OMB, GYRO V0	SHELTON 25W-25-13, OMB, PROPOSAL 1 V0	SI VERT SHELTON R26-1, OMB, Design#1 V0
ABND VERT CPC PLUS5 251, OMB, Design#1 V0	SHELTON 25W-25-14, OMB, PROPOSAL 1 V0	ABND VERT ANDERSON 1227, OMB, Design#1 V0
ABND VERT FLUPPIN 26U GYRO, OMB, GYRO V0	SHELTON 25W-25-15, OMB, PROPOSAL 1 V0	ABND VERT ANDERSON 1227 GYRO, OMB, GYRO V0
ABND VERT OCOMA G25-16 GYRO, OMB, GYRO V0	SHELTON 25W-25-16, OMB, PROPOSAL 1 V0	ABND VERT BOHLENDER 1, OMB, Design#1 V0
ABND VERT OCOMA G25-23 GYRO, OMB, GYRO V0	SI VERT DABNEY G 25-3 GYRO, OMB, GYRO V0	ABND VERT BOHLENDER 2 GYRO, OMB, GYRO V0
ABND VERT OCOMA G25-5 GYRO, OMB, GYRO V0	SI VERT DABNEY G 25-4 GYRO, OMB, GYRO V0	ABND VERT DUPPER 3, OMB, Design#1 V0
ABND VERT PLUS5 G 25-5 GYRO, OMB, GYRO V0	SI VERT FREEDOM G 25-5, OMB, Design#1 V0	ABND VERT KNAUB 22-27 GYRO, OMB, GYRO V0
ABND VERT SHELTON G 25-22 GYRO, OMB, GYRO V0	SI VERT RUPERT G 25-4 GYRO, OMB, GYRO V0	ABND VERT LUBSACK R G 26-10 GYRO, OMB, GYRO V0
ABND VERT SHELTON G 26-27 GYRO, OMB, GYRO V0	SI VERT SHELTON 18-20X GYRO, OMB, FINAL V0	ABND VERT LUBSACK R G 26-15 GYRO, OMB, GYRO V0
EXIST HZ HEARTLAND C3079H, OMB, FINAL SURVEY V0	SI VERT SHELTON 18-20X GYRO, STK, STK V0	ABND VERT OSTER 21-27 GYRO, OMB, GYRO V0
EXIST HZ HEARTLAND G2572-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW G 26-23 GYRO, OMB, GYRO V0	ABND VERT OSTER 27-11 GYRO, OMB, GYRO V0
EXIST HZ HEARTLAND G2573-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW R G 26-11 GYRO, OMB, GYRO V0	ABND VERT OSTER 4-27, OMB, Design#1 V0
EXIST HZ SHELTON G2474-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW R G 26-12 GYRO, OMB, GYRO V0	ABND VERT OSTER G 34-26 GYRO, OMB, GYRO V0
EXIST HZ SHELTON G2579H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW R G 26-14 GYRO, OMB, GYRO V0	ABND VERT OSTER PM G 26-14 GYRO, OMB, GYRO V0
EXIST HZ SHELTON G26-75H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW R G 26-15 GYRO, OMB, GYRO V0	ABND VERT OSTER R G 26-13 GYRO, OMB, GYRO V0
EXIST HZ SHELTON PC G26-74-1H, OMB, FINAL SURVEY V0	ABND VERT BEEBEE DRAW R G 26-16 GYRO, OMB, GYRO V0	EXIST HZ ANDERSON 1227, OMB, Design#1 V0
EXIST VERT OCOMA G25-10 GYRO, OMB, GYRO V0	ABND VERT BEEBEE DRAW R G 26-9, OMB, Design#1 V0	EXIST HZ LUBSACK 44-27, OMB, FINAL SURVEY V0
EXIST VERT OCOMA G25-5 GYRO, OMB, GYRO V0	ABND VERT DUPPER 2, OMB, Design#1 V0	EXIST HZ LUBSACK 44-27, OMB, GYRO V0
EXIST VERT PLUS5 G 25-7 GYRO, OMB, GYRO V0	ABND VERT DUPPER R G 26-5 GYRO, OMB, GYRO V0	EXIST HZ LUBSACK 8-27, OMB, FINAL SURVEY V0
EXIST VERT SHELTON G 25-62 GYRO, OMB, GYRO V0	ABND VERT DUPPER R G 26-6, OMB, Design#1 V0	EXIST HZ LUBSACK 8-27 GYRO, OMB, GYRO V0
SHELTON 25W-25-01, OMB, PROPOSAL 1 V0	ABND VERT SHELTON G 26-17 GYRO, OMB, GYRO V0	EXIST HZ LUBSACK 12A, OMB, FINAL SURVEY V0
SHELTON 25W-25-02, OMB, PROPOSAL 1 V0	EXIST HZ BEEBEE DRAW 26-26, OMB, FINAL SURVEY V0	EXIST VERT ANDERSON 4127, OMB, Design#1 V0
SHELTON 25W-25-03, OMB, PROPOSAL 1 V0	EXIST HZ CENTENNIAL STATE G3468H, OMB, FINAL SURVEY V0	EXIST VERT HORN LUBSACK 1, OMB, Design#1 V0
SHELTON 25W-25-06, OMB, PROPOSAL 1 V0	EXIST VERT ARENS G 26-8 GYRO, OMB, GYRO V0	EXIST VERT OSTER 15-27 GYRO, OMB, GYRO V0

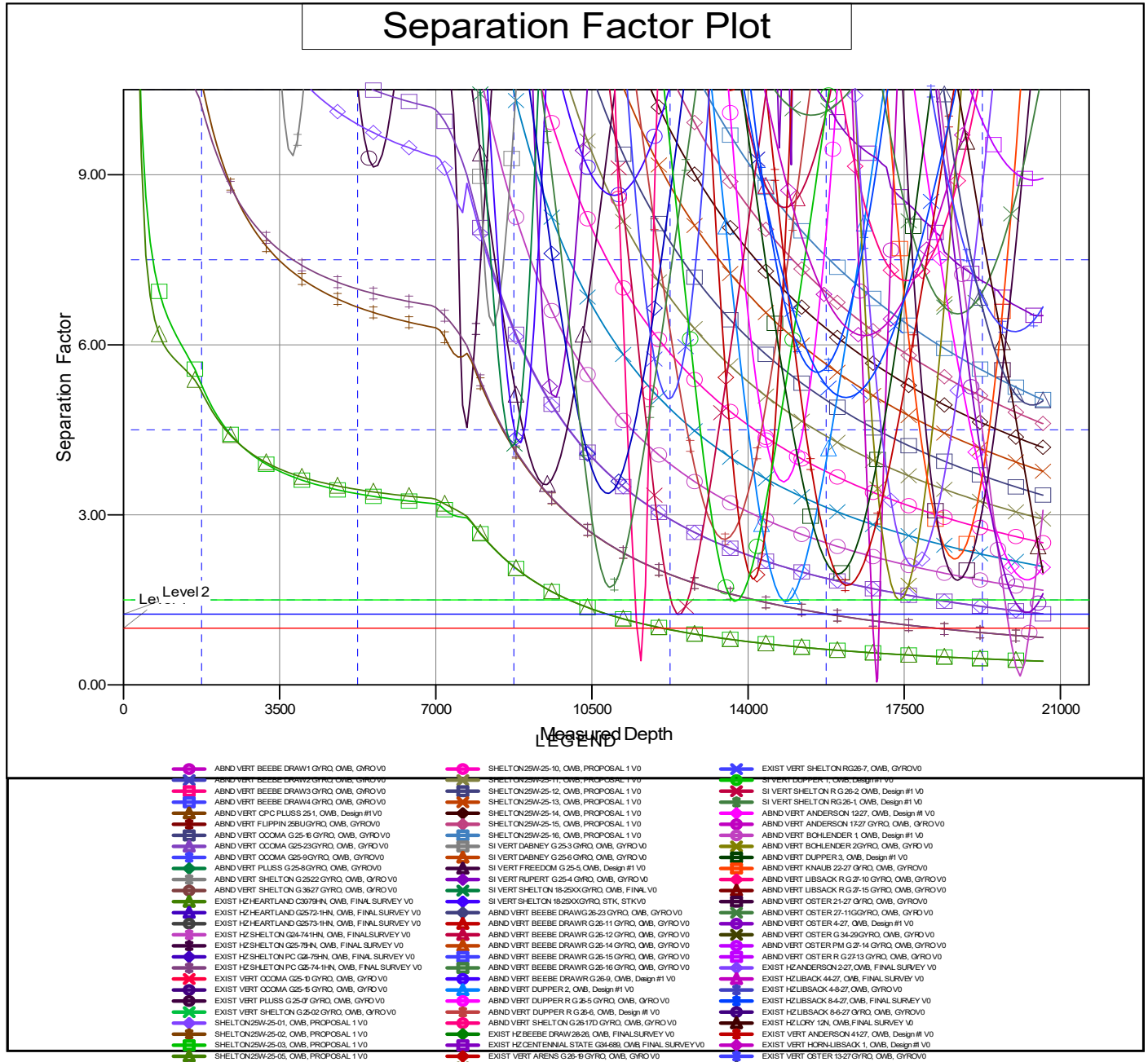
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-04
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Reference Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	SHELTON 25W-25-04	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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 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-25-04
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